Date 2024-05-23

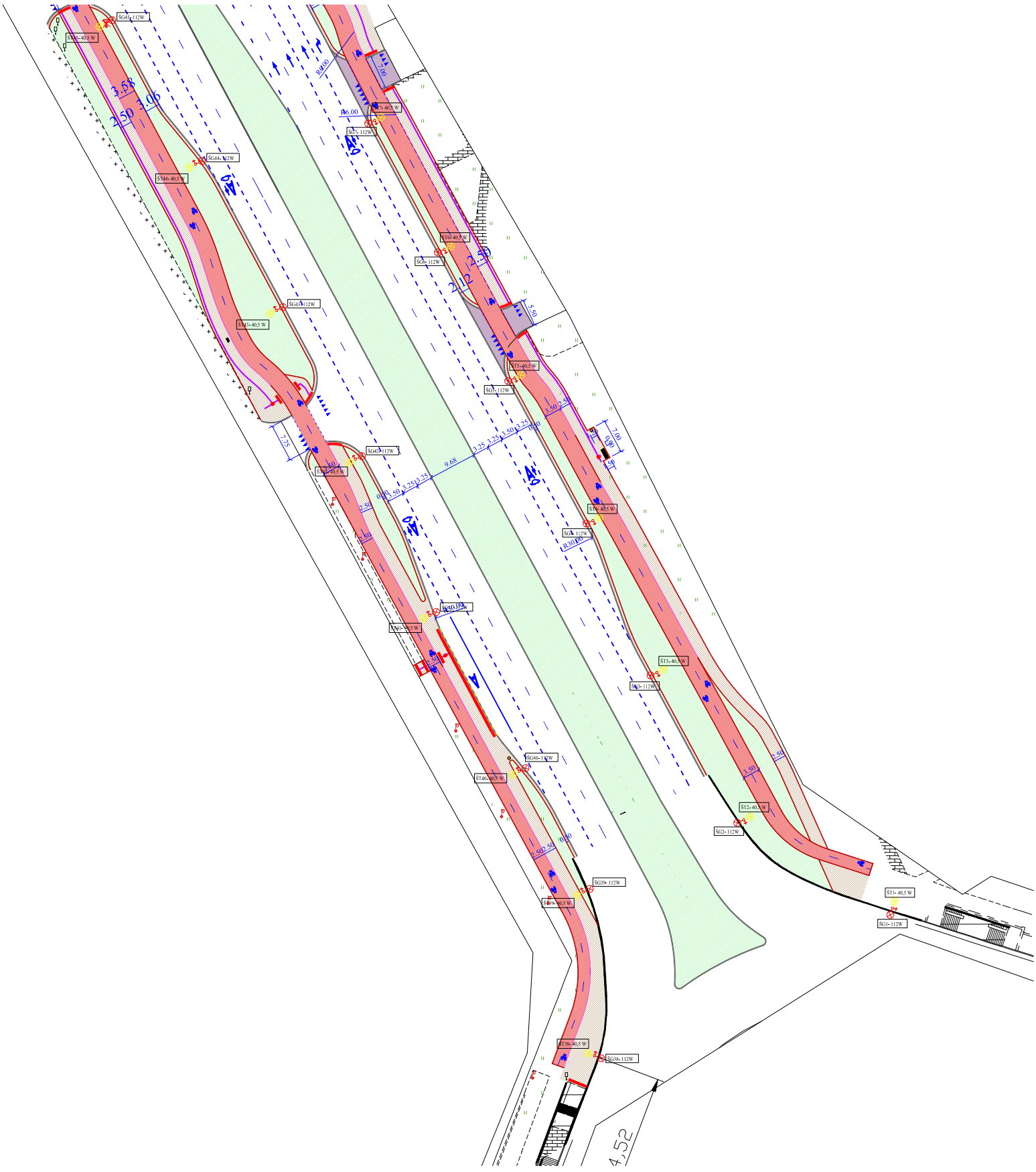
Taikos pr. prie Baltijos žiedo

DIALux

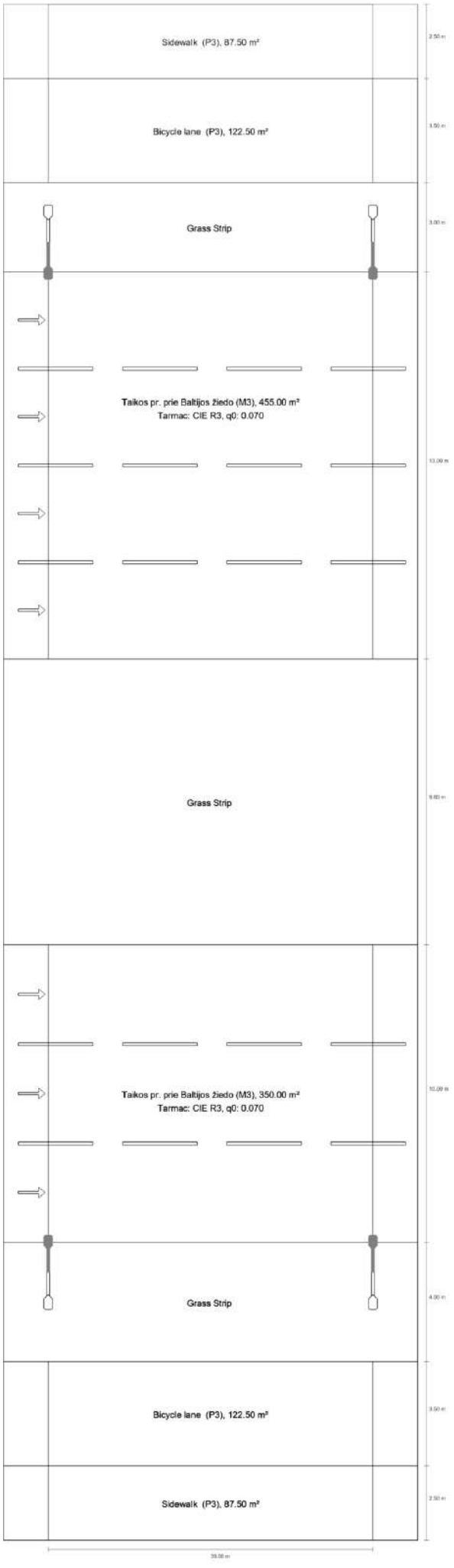




Created with DIALux


SG45- 112W
ST46-40,5 W
SG44- 112W
ST44-40,5 W
SG43-112W
ST43-40,5 W
SG42-112W
ST42-40,5 W
SG41-112W
ST41-40,5 W
SG40-112W
ST40-40,5 W
SG39- 112W
ST39-40,5 W
SG38-112W
ST38-40,5 W
SG6- 112W
ST6-40,5 W
SG5- 112W
ST5-40,5 W
SG4- 112W
ST4-40,5 W
SG3- 112W
ST3- 40,5 W
SG2- 112W
ST2-40,5 W
SG1- 112W
ST1- 40,5 W
R6,00
R4,00
R30,00
3,58
3,06
2,50
2,12
2,35
9,68
7,25
4,52

Summary (according to EN 13201:2015)

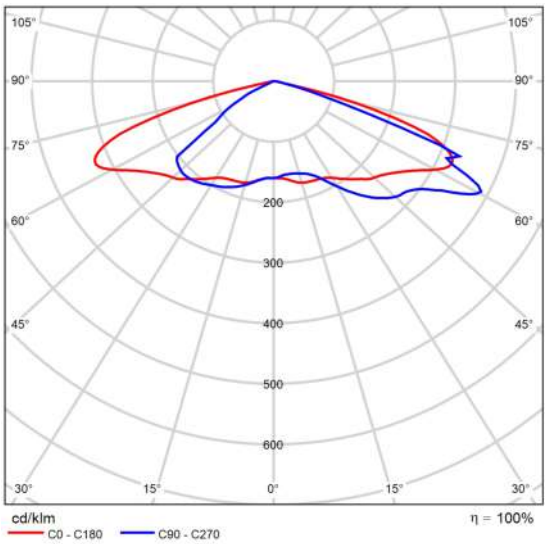


Product data sheet

CARIBONI GROUP - KOINE'-M R4-4K 131W 660mA PB-01

Article No.	01KO3E866016AHM4

P	131.0 W
Φ_{Lamp}	19990 lm
$\Phi_{Luminaire}$	19990 lm
η	100.00 %
Luminous efficacy	152.6 lm/W
CCT	4000 K
CRI	70



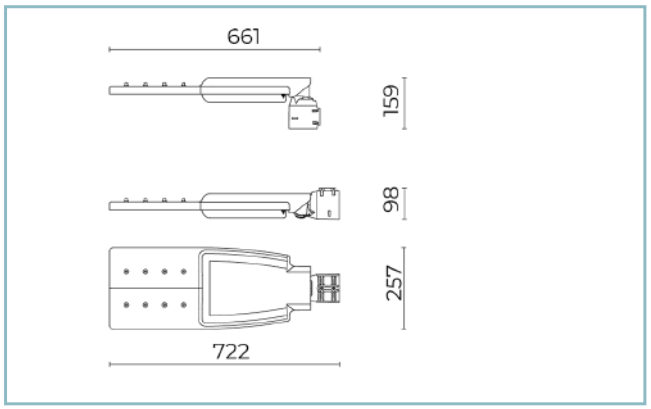
Polar LDC

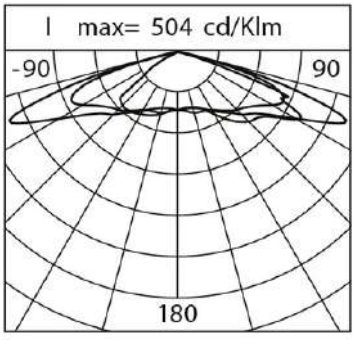


Koinè Pole System
Size: medium
Color Temperature: 4000 K
Type of optics: PB-01 Low pole

01KO3E866016AHM4
Colour: Grey RAL9006







General Features

Description: LED street fixture
Insulation class: class II
Rated voltage: 220-240 V 50/60 Hz
Protection Grade: IP66
Impact protection: IK09
Surge protection device: integrated 10kV-10kA
Power Factor: > 0.9
Ambient temperature Ta: -30°C +50°C
Weight: 6.2 kg
Max exposed surface: 0.155 m^2
Lateral exposed surface: 0.039 m^2
Common mode surge protection: 10 kV
Overvoltage protection differential mode: 10 kV
Drivers: included
Lifetime driver: >100.000h @Ta25°C
Marks and Certifications: ENEC / CE

Source flow:	23245 lm
Source power:	121.5 W
Source efficiency:	191 lm/W
Device flow:	19990 lm
Device power:	131 W
Appliance efficiency:	152 lm/W
Glare Index Category:	D3

Source: LED R4
Color Temperature: 4000 K
Color Rendering Index (CRI): ≥ 70
Color Consistency (SDCM): ≤ 3
Type of optics: PB-01 Low pole
Optical group life: >100.000h @Ta25°C L90B10
Photobiological safety class: EXEMPT GROUP
ULOR: 0%
DLOR: 100%
Light intensity category: G*4
BUG rating: B3-U0-G3

Normative References

EN60598-1, EN60598-2-3, EN61547; EN62471, EN55015, EN61000-3-2, EN61000-3-3

Installation and maintenance

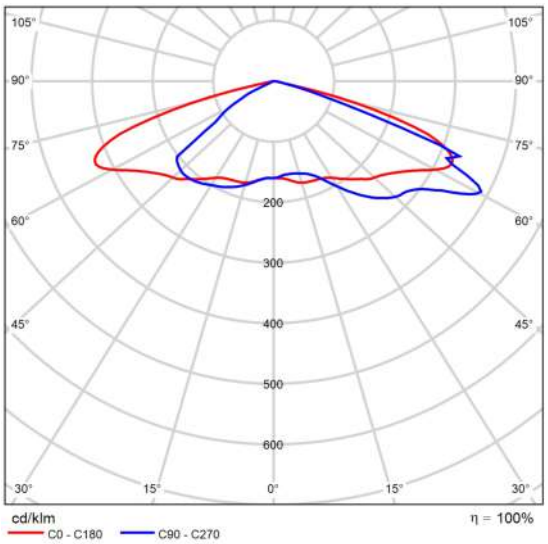
Installation: side pole / arm
Pole diameter: Ø 46 - 60 - 76 mm
Tilt: post top 0 +90° (step 5°); arm 0 -90° (step 5°)
Ø power cable: 10 ÷ 14 mm
Cable Gland: PG16
Power supply compartment: independent from the optical group

Product data sheet

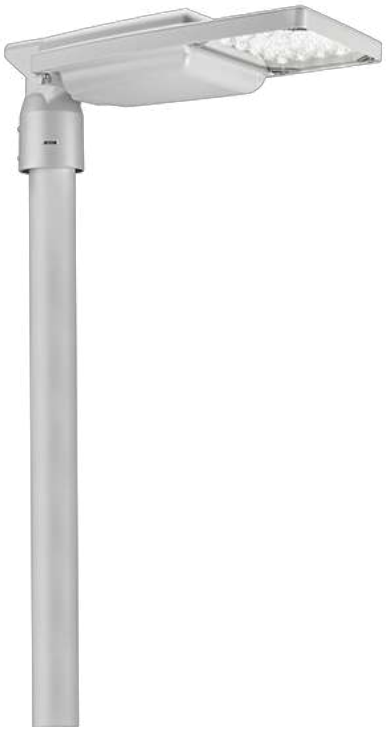
CARIBONI GROUP - KOINE'-S R1-3K 12W 210mA PB-01

Article No.	01KO1B221916AHM4

P	12.0 W
Φ_{Lamp}	1670 lm
$\Phi_{Luminaire}$	1670 lm
η	100.00 %
Luminous efficacy	139.2 lm/W
CCT	3000 K
CRI	70



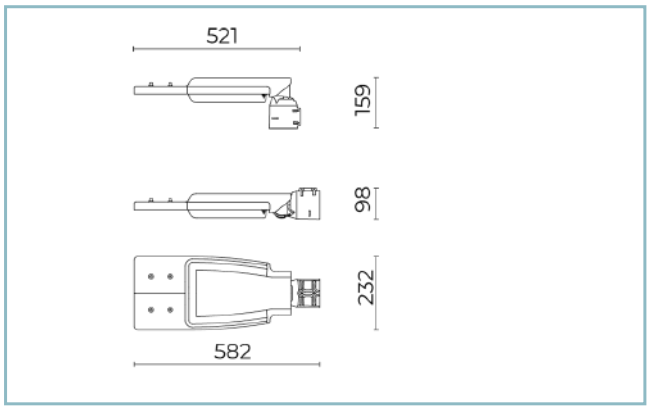
Polar LDC

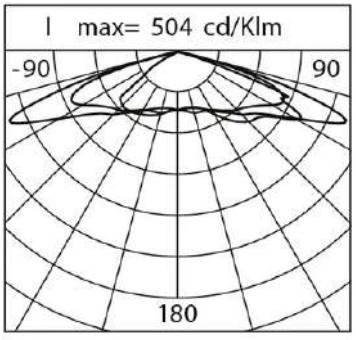


Koinè Pole System
Size: small
Color Temperature: 3000 K
Type of optics: PB-01 Low pole

01KO1B221916AHM4
Colour: Grey RAL9006







General Features

Description: LED street fixture

Insulation class: class II

Rated voltage: 220-240 V 50/60 Hz

Protection Grade: IP66

Impact protection: IK09

Surge protection device: integrated 10kV-10kA

Power Factor: > 0.9

Ambient temperature Ta: -30°C +50°C

Weight: 4.2 kg

Max exposed surface: 0.11 m^2

Lateral exposed surface: 0.035 m^2

Common mode surge protection: 10 kV

Overvoltage protection differential mode: 10 kV

Drivers: included

Lifetime driver: >100.000h @Ta25°C

Marks and Certifications: ENEC / CE

Source flow:	1940 lm
Source power:	9 W
Source efficiency:	215 lm/W
Device flow:	1670 lm
Device power:	12 W
Appliance efficiency:	139 lm/W
Glare Index Category:	D6

Source: LED R1

Color Temperature: 3000 K

Color Rendering Index (CRI): ≥ 70

Color Consistency (SDCM): ≤ 3

Type of optics: PB-01 Low pole

Optical group life: >100.000h @Ta25°C L90B10

Photobiological safety class: EXEMPT GROUP

ULOR: 0%

DLOR: 100%

Light intensity category: G*4

BUG rating: B1-U0-G0

Normative References

EN60598-1, EN60598-2-3, EN61547; EN62471, EN55015, EN61000-3-2, EN61000-3-3

Installation and maintenance

Installation: side pole / arm

Pole diameter: Ø 46 - 60 - 76 mm

Tilt: post top 0 +90° (step 5°); arm 0 -90° (step 5°)

Ø power cable: 10 ÷ 14 mm

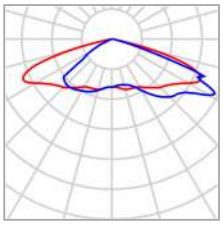
Cable Gland: PG16

Power supply compartment: independent from the optical group

DIALux

Taikos pr. prie Baltijos žiedo

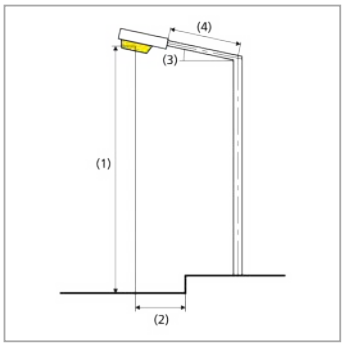
Summary (according to EN 13201:2015)





Manufacturer	CARIBONI GROUP	P	131.0 W
Article No.	01KO3E866016AHM4	Φ_{Lamp}	19990 lm
		$\Phi_{Luminaire}$	19990 lm
Article name	KOINE'-M R4-4K 131W 660mA PB-01	η	100.00 %
Fitting	1x LED R4 4K D540		

KOINE'-M R4-4K 131W 660mA PB-01 (both sides opposite)

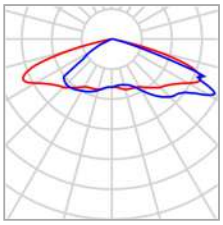


Pole distance	35.000 m
(1) Light spot height	10.000 m
(2) Light point overhang	0.000 m
(3) Boom inclination	0.0°
(4) Boom length	1.000 m
Annual operating hours	4000 h: 100.0 %, 131.0 W
Wattage / route	7598.0 W/km
ULR / ULOR	0.00 / 0.00
Max. luminous intensities Any direction forming the specified angle from the downward vertical, with the luminaire installed for use.	≥ 70°: 462 cd/klm ≥ 80°: 42.0 cd/klm ≥ 90°: 0.00 cd/klm
Luminous intensity class The luminous intensity values in [cd/klm] for calculation of the luminous intensity class refer to the luminaire luminous flux according to EN 13201:2015.	G*4
Glare index class	D.3
MF	0.80

DIALux

Taikos pr. prie Baltijos žiedo

Summary (according to EN 13201:2015)

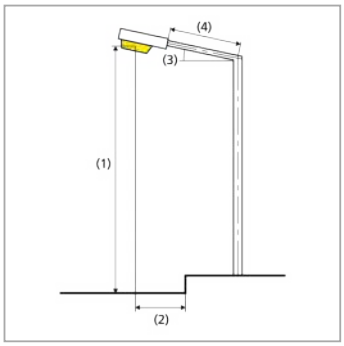




Manufacturer	CARIBONI GROUP
Article No.	01KO1B221916AHM4
Article name	KOINE'-S R1-3K 12W 210mA PB-01
Fitting	1x LED R1 3K D210

P	12.0 W
Φ_{Lamp}	1670 lm
$\Phi_{Luminaire}$	1670 lm
η	100.00 %

KOINE'-S R1-3K 12W 210mA PB-01 (both sides opposite)



Pole distance	35.000 m
(1) Light spot height	8.000 m
(2) Light point overhang	0.000 m
(3) Boom inclination	0.0°
(4) Boom length	1.000 m
Annual operating hours	4000 h: 100.0 %, 12.0 W
Wattage / route	696.0 W/km
ULR / ULOR	0.00 / 0.00
Max. luminous intensities Any direction forming the specified angle from the downward vertical, with the luminaire installed for use.	≥ 70°: 462 cd/klm ≥ 80°: 42.0 cd/klm ≥ 90°: 0.00 cd/klm
Luminous intensity class The luminous intensity values in [cd/klm] for calculation of the luminous intensity class refer to the luminaire luminous flux according to EN 13201:2015.	G*4
Glare index class	D.6
MF	0.80

DIALux

Taikos pr. prie Baltijos žiedo

Summary (according to EN 13201:2015)

Results for valuation fields

A maintenance factor of 0.80 was used for calculating for the installation.

	Symbol	Calculated	Target	Check
Sidewalk (P3)	E_{av}	10.91 lx	[7.50 - 11.25] lx	✓
	E_{min}	5.80 lx	≥ 1.50 lx	✓
Bicycle lane (P3)	E_{av}	15.59 lx	[7.50 - 11.25] lx	✓
	E_{min}	8.17 lx	≥ 1.50 lx	✓
Taikos pr. prie Baltijos žiedo (M3)	L_{av}	1.11 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.56	≥ 0.40	✓
	U_l	0.71	≥ 0.60	✓
	TI	12 %	≤ 15 %	✓
	R_{EI}	0.94	≥ 0.30	✓
Taikos pr. prie Baltijos žiedo (M3)	L_{av}	1.20 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.56	≥ 0.40	✓
	U_l	0.71	≥ 0.60	✓
	TI	11 %	≤ 15 %	✓
	R_{EI}	0.94	≥ 0.30	✓
Bicycle lane (P3)	E_{av}	14.03 lx	[7.50 - 11.25] lx	✓
	E_{min}	7.23 lx	≥ 1.50 lx	✓
Sidewalk (P3)	E_{av}	9.48 lx	[7.50 - 11.25] lx	✓
	E_{min}	5.00 lx	≥ 1.50 lx	✓

DIALux

Taikos pr. prie Baltijos žiedo

Summary (according to EN 13201:2015)

Results for energy efficiency indicators

	Symbol	Calculated	Energy Consumption
Taikos pr. prie Baltijos žiedo	D_p	0.001 W/lx*m²	
KOINE'-M R4-4K 131W 660mA PB-01 (both sides opposite)	D_e	0.9 kWh/m² yr	1048.0 kWh/yr
KOINE'-S R1-3K 12W 210mA PB-01 (both sides opposite)	D_e	0.1 kWh/m² yr	96.0 kWh/yr

Taikos pr. prie Baltijos žiedo

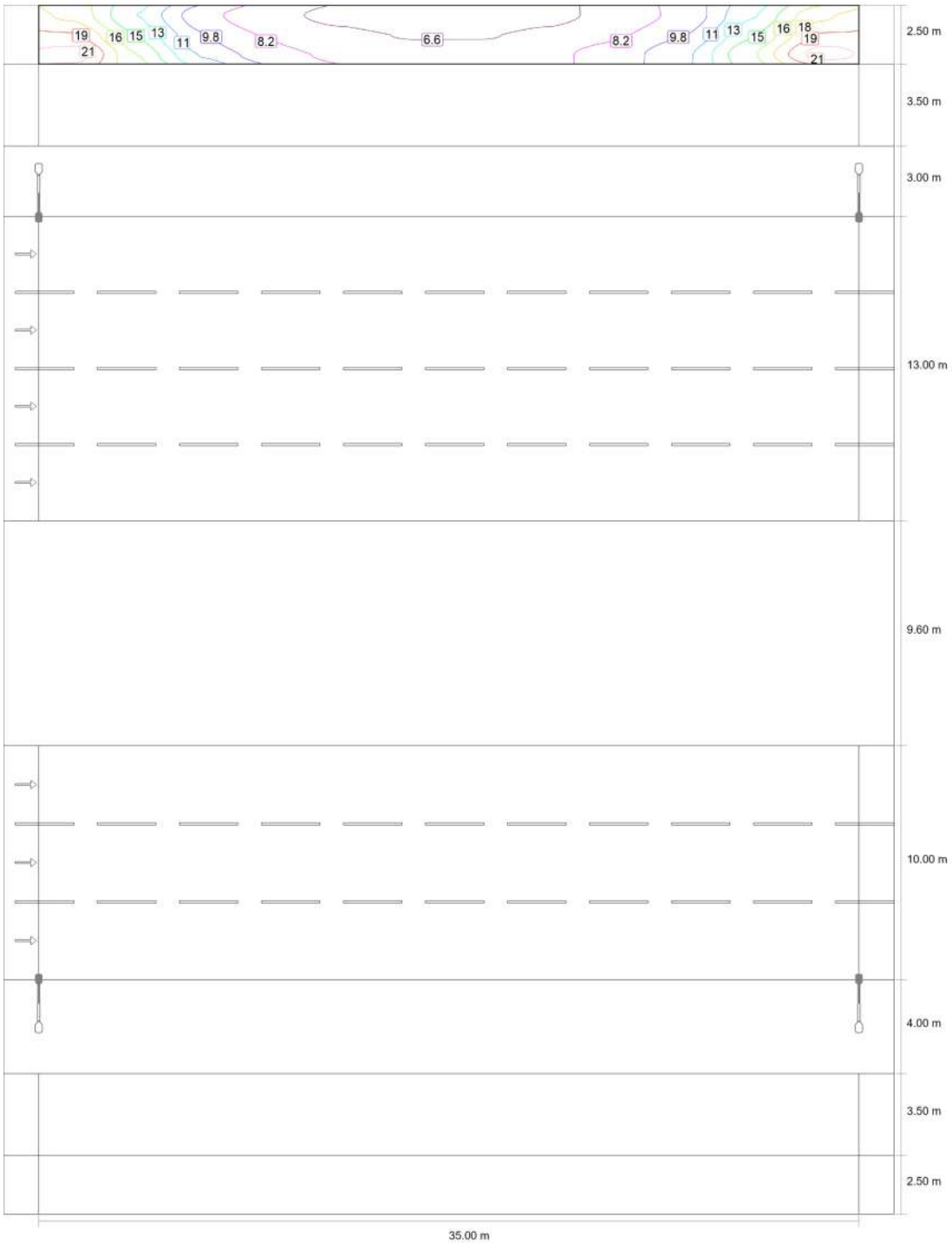
Sidewalk (P3)

Results for valuation field

	Symbol	Calculated	Target	Check
Sidewalk (P3)	E_{av}	10.91 lx	[7.50 - 11.25] lx	✓
	E_{min}	5.80 lx	≥ 1.50 lx	✓

Taikos pr. prie Baltijos žiedo

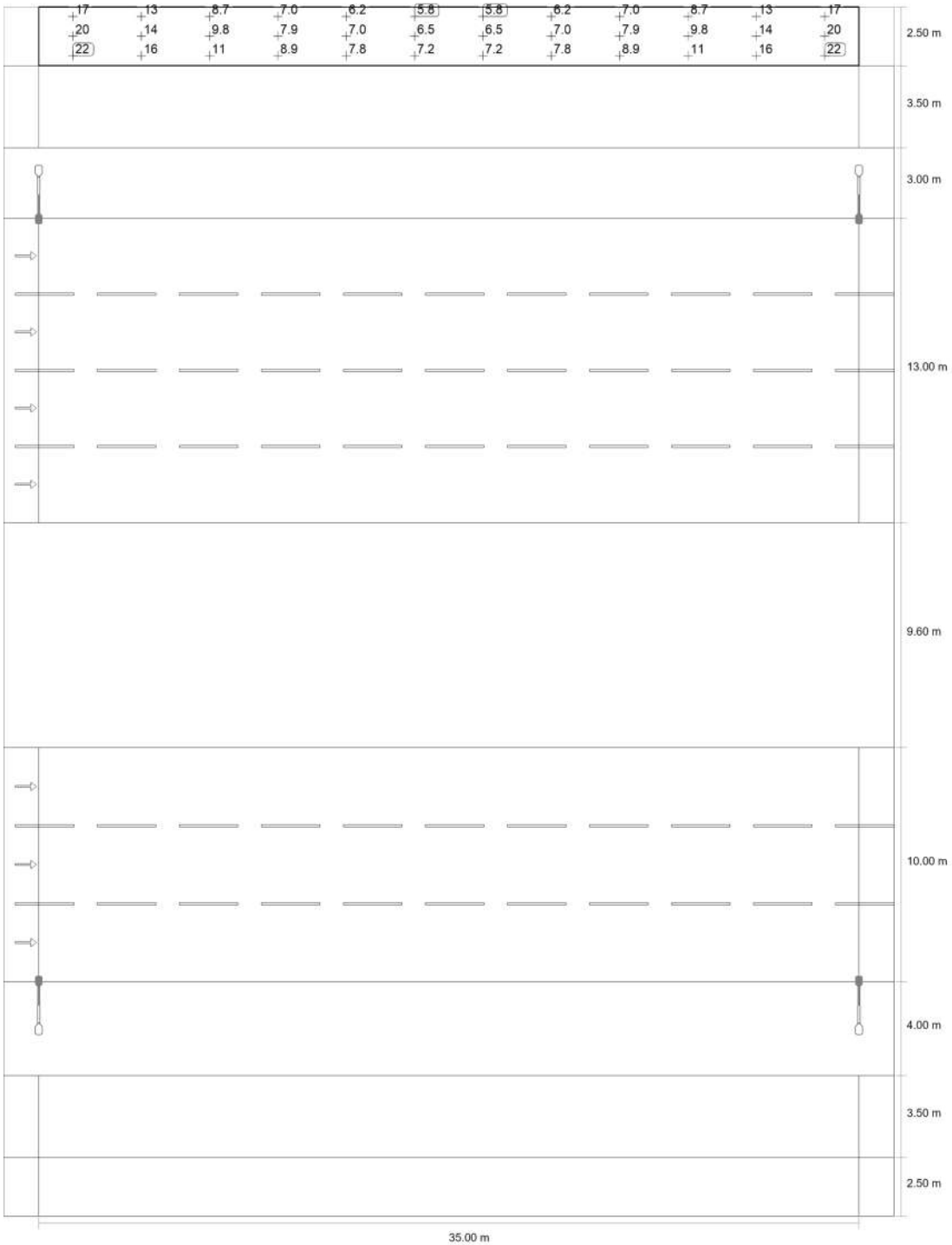
Sidewalk (P3)



Maintenance value, horizontal illuminance [lx] (Iso-illuminance curves)

Taikos pr. prie Baltijos žiedo

Sidewalk (P3)



Maintenance value, horizontal illuminance [lx] (Value grid)

Taikos pr. prie Baltijos žiedo

Sidewalk (P3)

m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
51.183	17.45	12.94	8.67	7.02	6.21	5.80	5.80	6.21	7.02	8.67	12.94	17.45
50.350	19.62	14.48	9.83	7.93	7.00	6.51	6.51	7.00	7.93	9.83	14.48	19.62
49.517	21.79	16.13	11.12	8.91	7.80	7.23	7.23	7.80	8.91	11.12	16.13	21.79

Maintenance value, horizontal illuminance [lx] (Value chart)

	E_{av}	E_{min}	E_{max}	U_o (g_1)	g_2
Maintenance value, horizontal illuminance	10.9 lx	5.80 lx	21.8 lx	0.53	0.27

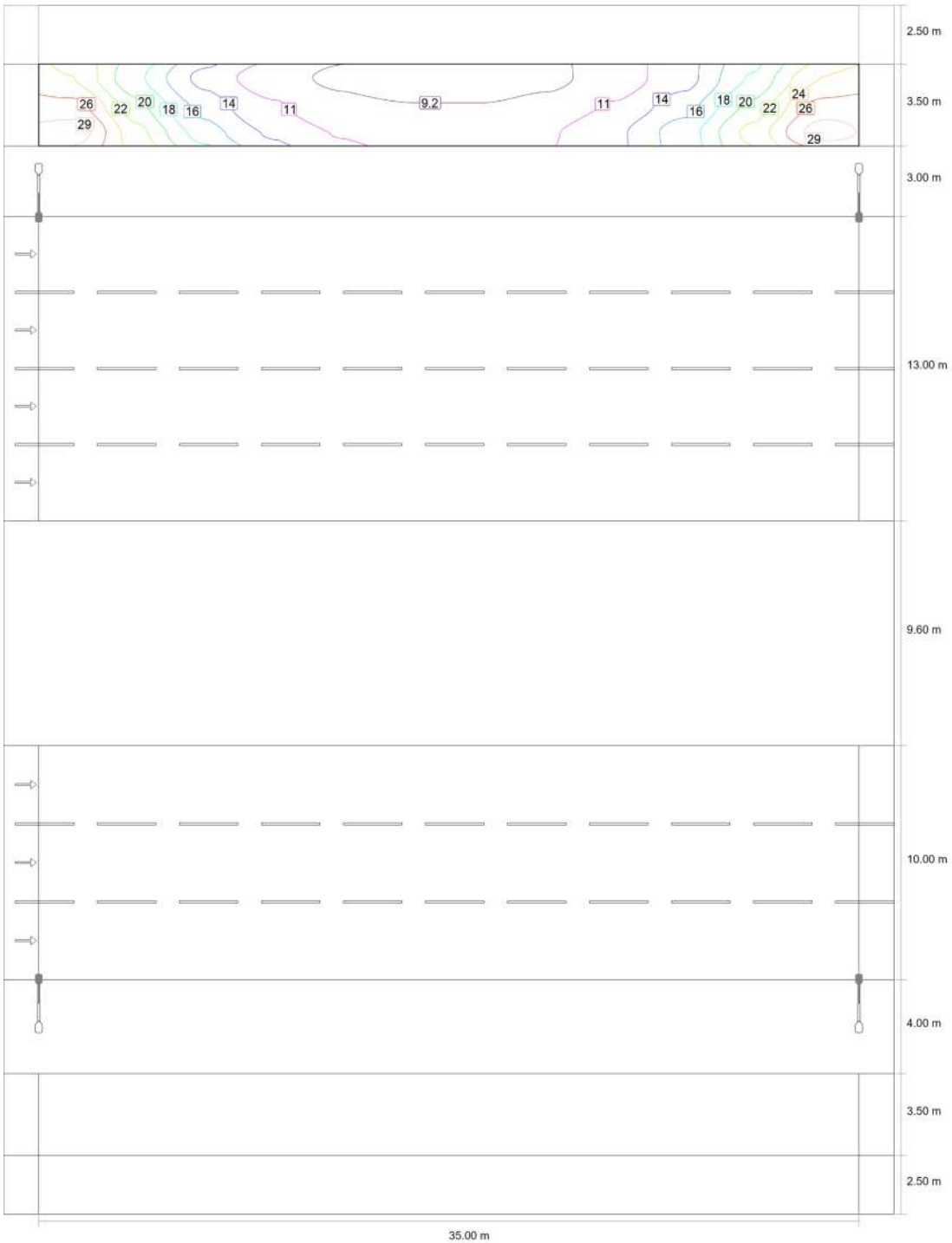
Bicycle lane (P3)

Results for valuation field

	Symbol	Calculated	Target	Check
Bicycle lane (P3)	E_{av}	15.59 lx	[7.50 - 11.25] lx	✓
	E_{min}	8.17 lx	≥ 1.50 lx	✓

Taikos pr. prie Baltijos žiedo

Bicycle lane (P3)

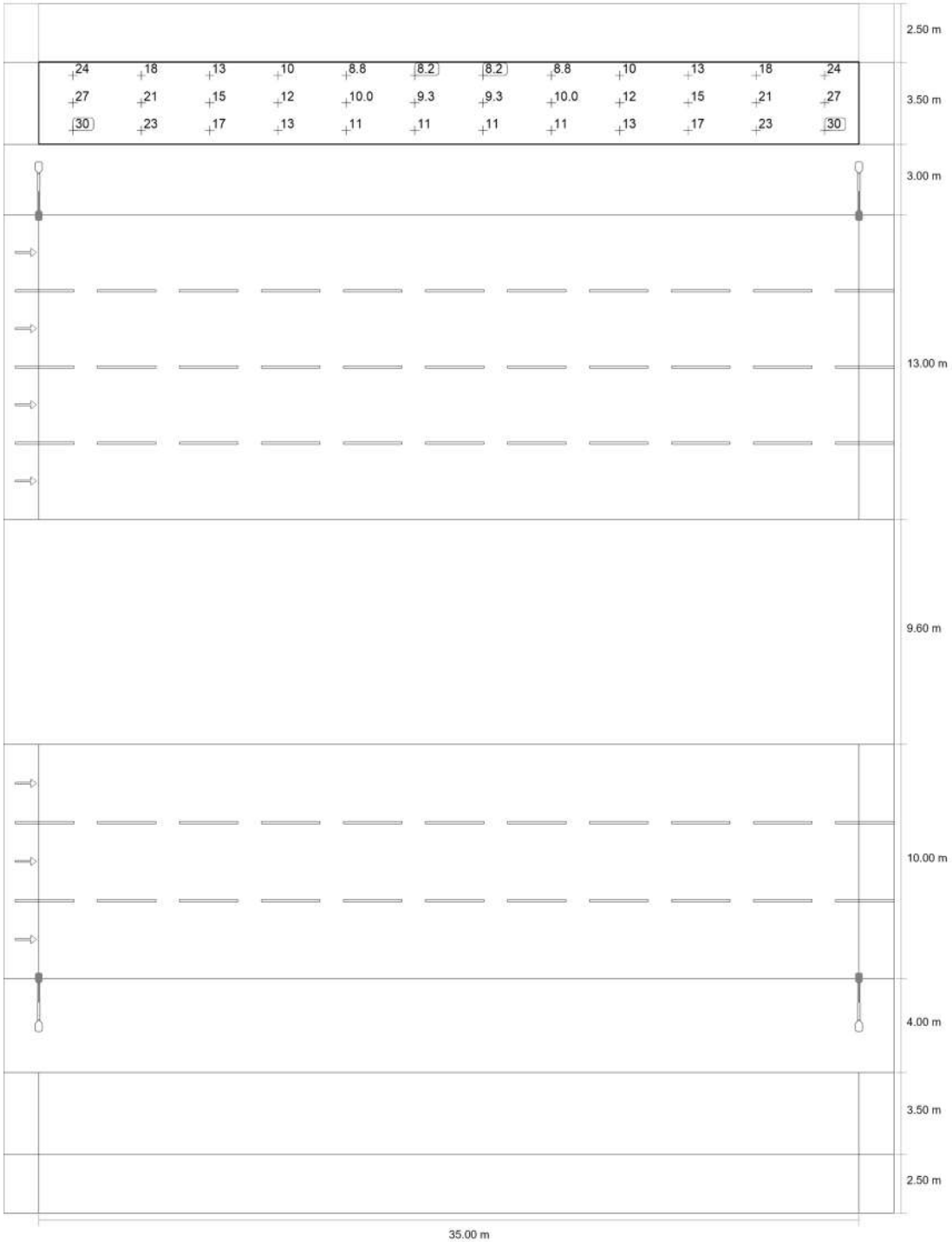


Maintenance value, horizontal illuminance [lx] (Iso-illuminance curves)

DIALux

Taikos pr. prie Baltijos žiedo

Bicycle lane (P3)



Maintenance value, horizontal illuminance [lx] (Value grid)

Taikos pr. prie Baltijos žiedo

Bicycle lane (P3)

m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
48.517	24.38	18.18	12.83	10.17	8.79	8.17	8.17	8.79	10.17	12.83	18.18	24.38
47.350	27.30	20.63	14.87	11.69	9.97	9.35	9.35	9.97	11.69	14.87	20.63	27.30
46.183	29.68	22.87	16.80	13.18	11.20	10.51	10.51	11.20	13.18	16.80	22.87	29.68

Maintenance value, horizontal illuminance [lx] (Value chart)

	E_{av}	E_{min}	E_{max}	U_o (g_1)	g_2
Maintenance value, horizontal illuminance	15.6 lx	8.17 lx	29.7 lx	0.52	0.28

Taikos pr. prie Baltijos žiedo

Taikos pr. prie Baltijos žiedo (M3)

Results for valuation field

	Symbol	Calculated	Target	Check
Taikos pr. prie Baltijos žiedo (M3)	L_{av}	1.11 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.56	≥ 0.40	✓
	U_l	0.71	≥ 0.60	✓
	TI	12 %	≤ 15 %	✓
	R_{EI}	0.94	≥ 0.30	✓

Results for observer

	Symbol	Calculated	Target	Check
Observer 1 Position: -60.000 m, 31.225 m, 1.500 m	L_{av}	1.26 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.56	≥ 0.40	✓
	U_l	0.74	≥ 0.60	✓
	TI	5 %	≤ 15 %	✓
Observer 2 Position: -60.000 m, 34.475 m, 1.500 m	L_{av}	1.22 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.57	≥ 0.40	✓
	U_l	0.82	≥ 0.60	✓
	TI	7 %	≤ 15 %	✓
Observer 3 Position: -60.000 m, 37.725 m, 1.500 m	L_{av}	1.17 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.59	≥ 0.40	✓
	U_l	0.82	≥ 0.60	✓
	TI	10 %	≤ 15 %	✓

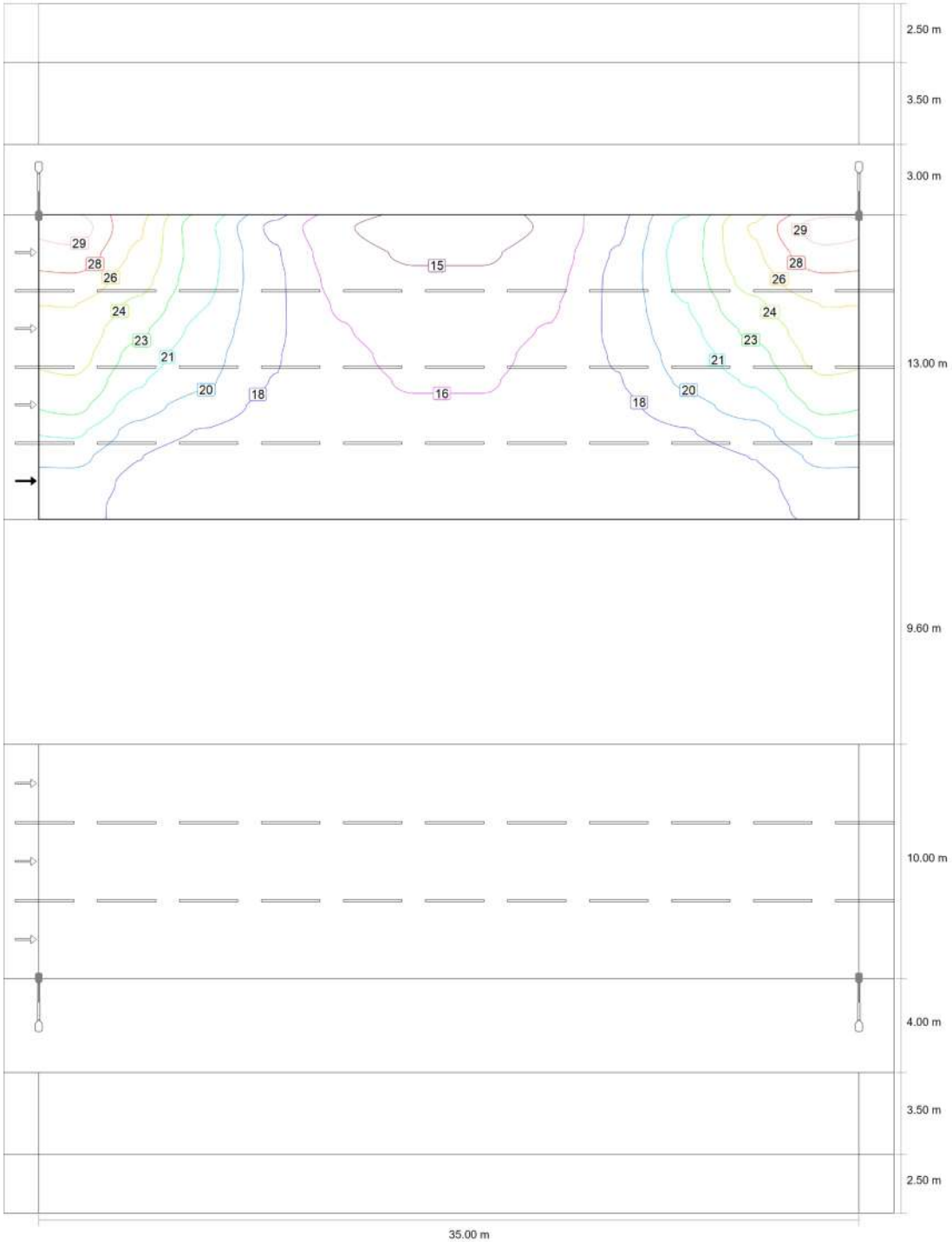
Taikos pr. prie Baltijos žiedo

Taikos pr. prie Baltijos žiedo (M3)

	Symbol	Calculated	Target	Check
Observer 4 Position: -60.000 m, 40.975 m, 1.500 m	L_{av}	1.11 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.62	≥ 0.40	✓
	U_l	0.71	≥ 0.60	✓
	TI	12 %	≤ 15 %	✓

Taikos pr. prie Baltijos žiedo

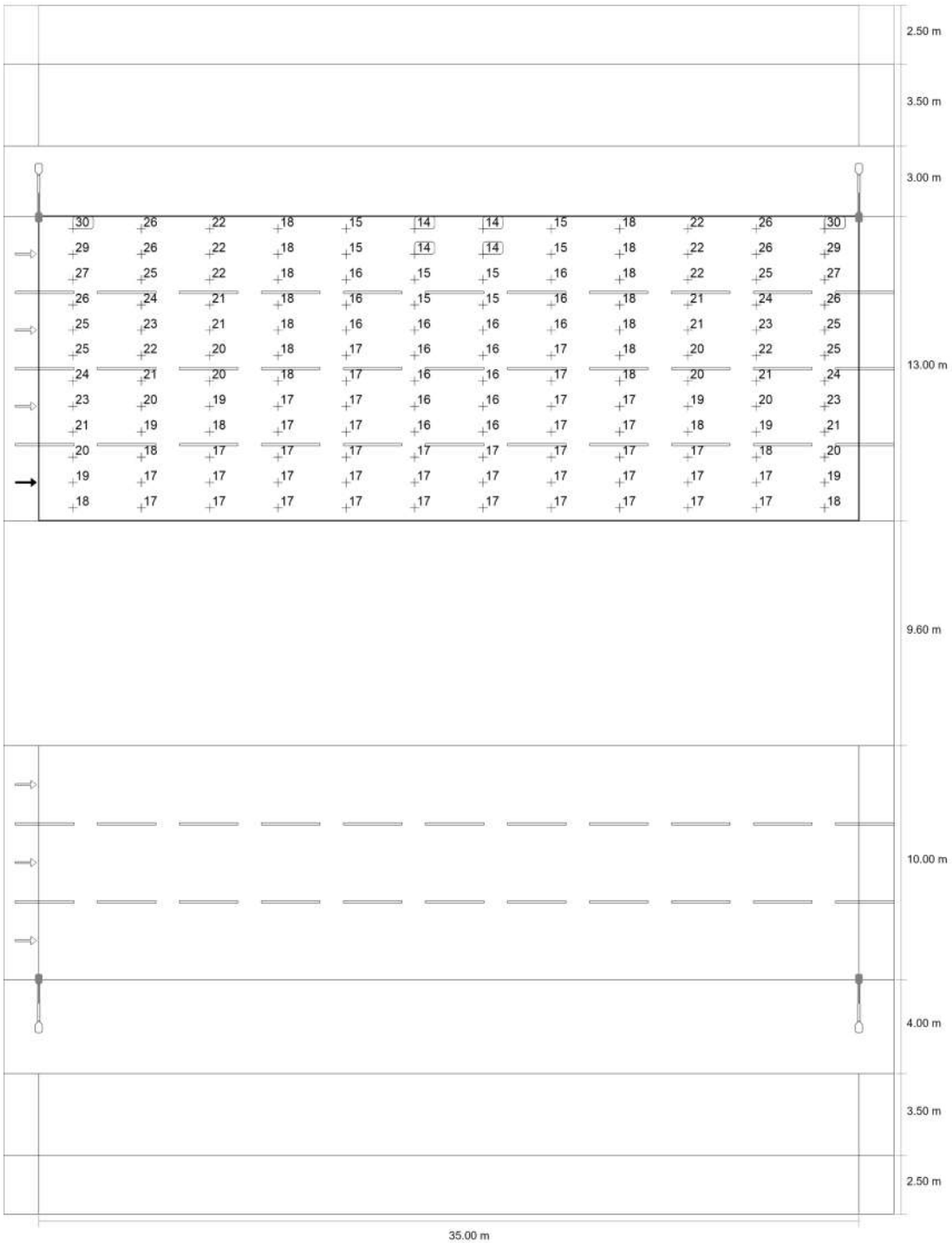
Taikos pr. prie Baltijos žiedo (M3)



Maintenance value, horizontal illuminance [lx] (Iso-illuminance curves)

Taikos pr. prie Baltijos žiedo

Taikos pr. prie Baltijos žiedo (M3)



Maintenance value, horizontal illuminance [lx] (Value grid)

Taikos pr. prie Baltijos žiedo

Taikos pr. prie Baltijos žiedo (M3)

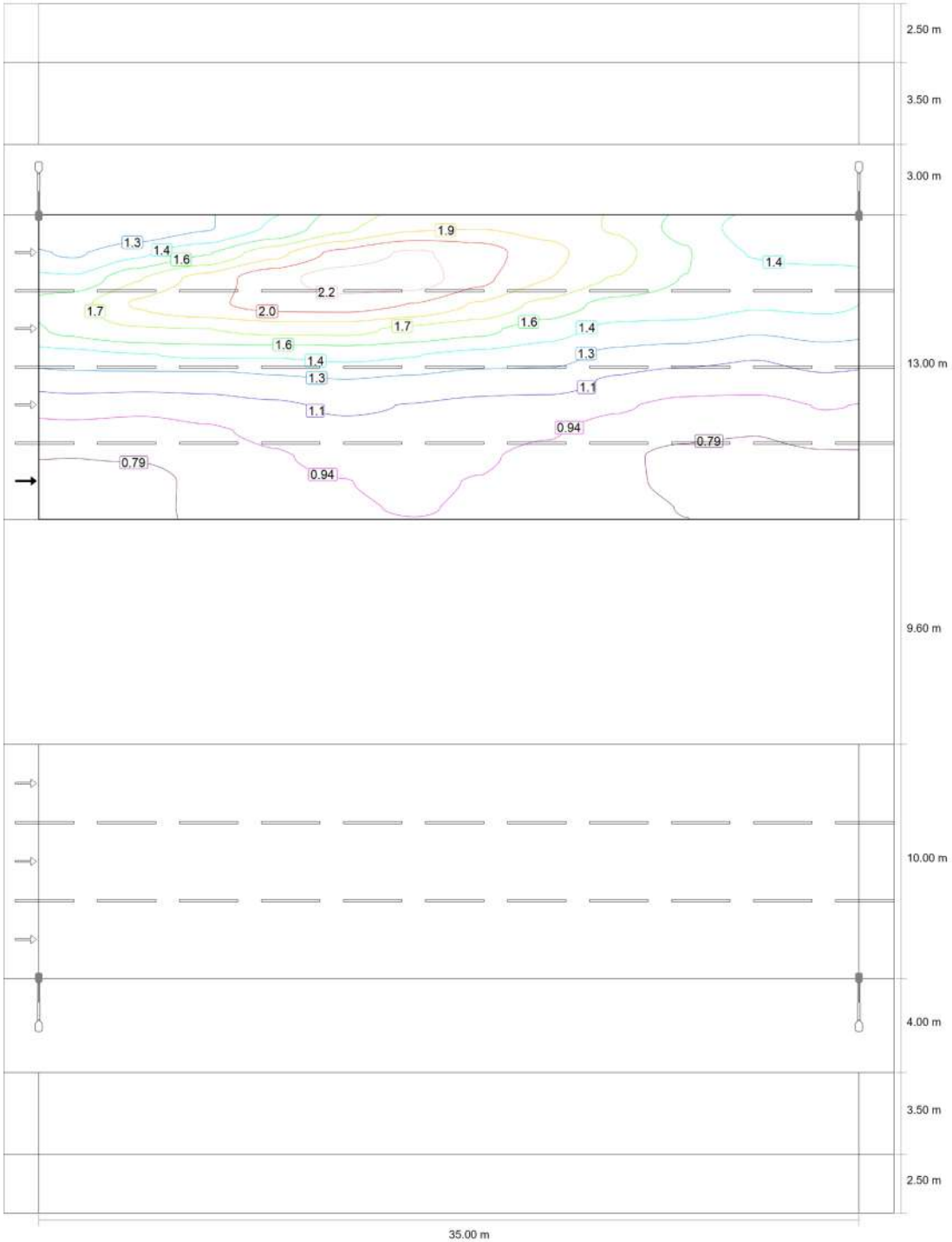
m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
42.058	30.11	26.18	21.53	17.57	14.81	13.82	13.82	14.81	17.57	21.53	26.18	30.11
40.975	28.80	25.74	21.83	18.03	15.35	14.47	14.47	15.35	18.03	21.83	25.74	28.80
39.892	27.37	25.03	21.61	18.23	15.72	14.90	14.90	15.72	18.23	21.61	25.03	27.37
38.808	26.07	24.07	21.15	18.21	16.07	15.33	15.33	16.07	18.21	21.15	24.07	26.07
37.725	25.41	23.10	20.61	18.17	16.35	15.70	15.70	16.35	18.17	20.61	23.10	25.41
36.642	24.98	22.17	20.12	17.99	16.64	15.93	15.93	16.64	17.99	20.12	22.17	24.98
35.558	24.26	21.34	19.73	17.83	16.73	16.17	16.17	16.73	17.83	19.73	21.34	24.26
34.475	23.22	20.22	18.87	17.41	16.72	16.36	16.36	16.72	17.41	18.87	20.22	23.22
33.392	21.41	18.89	17.79	16.94	16.69	16.42	16.42	16.69	16.94	17.79	18.89	21.41
32.308	19.94	17.93	17.10	16.67	16.58	16.56	16.56	16.58	16.67	17.10	17.93	19.94
31.225	18.87	17.45	17.08	16.82	16.80	16.84	16.84	16.80	16.82	17.08	17.45	18.87
30.142	18.37	17.41	17.28	17.23	17.22	17.24	17.24	17.22	17.23	17.28	17.41	18.37

Maintenance value, horizontal illuminance [lx] (Value chart)

	E_{av}	E_{min}	E_{max}	U_o (g_1)	g_2
Maintenance value, horizontal illuminance	19.2 lx	13.8 lx	30.1 lx	0.72	0.46

Taikos pr. prie Baltijos žiedo

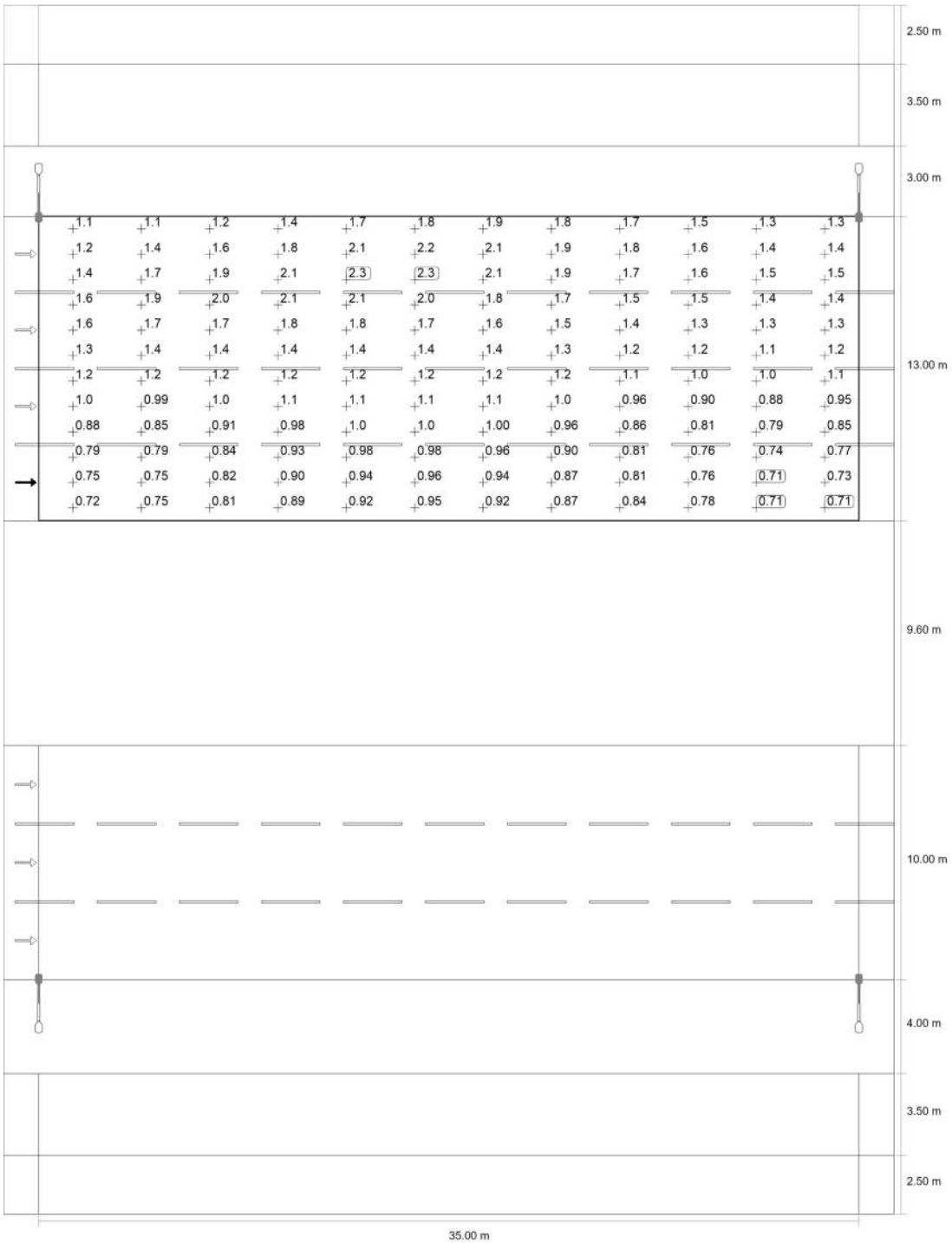
Taikos pr. prie Baltijos žiedo (M3)



Observer 1: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

Taikos pr. prie Baltijos žiedo

Taikos pr. prie Baltijos žiedo (M3)



Observer 1: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

Taikos pr. prie Baltijos žiedo

Taikos pr. prie Baltijos žiedo (M3)

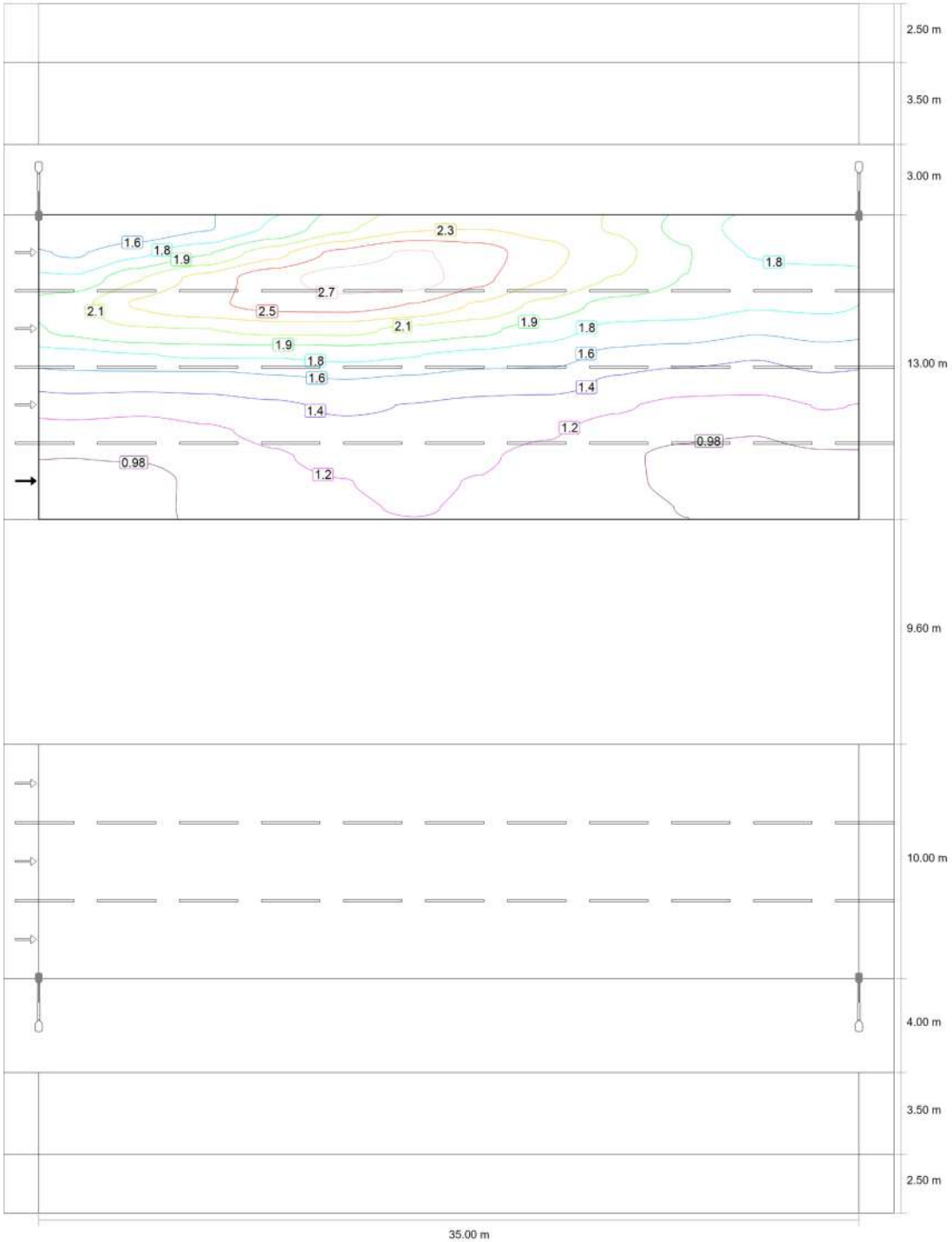
m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
42.058	1.10	1.14	1.24	1.42	1.67	1.84	1.86	1.81	1.70	1.51	1.34	1.26
40.975	1.23	1.38	1.55	1.82	2.07	2.20	2.09	1.92	1.77	1.57	1.40	1.36
39.892	1.44	1.71	1.92	2.12	2.25	2.25	2.06	1.87	1.70	1.55	1.46	1.46
38.808	1.64	1.89	1.99	2.08	2.09	2.02	1.85	1.67	1.50	1.48	1.42	1.44
37.725	1.60	1.69	1.71	1.75	1.76	1.67	1.60	1.47	1.36	1.34	1.27	1.31
36.642	1.35	1.40	1.42	1.42	1.44	1.41	1.36	1.31	1.20	1.16	1.10	1.17
35.558	1.17	1.16	1.16	1.21	1.25	1.21	1.15	1.16	1.07	1.01	1.00	1.06
34.475	1.00	0.99	1.03	1.07	1.12	1.09	1.06	1.03	0.96	0.90	0.88	0.95
33.392	0.88	0.85	0.91	0.98	1.03	1.02	1.00	0.96	0.86	0.81	0.79	0.85
32.308	0.79	0.79	0.84	0.93	0.98	0.98	0.96	0.90	0.81	0.76	0.74	0.77
31.225	0.75	0.75	0.82	0.90	0.94	0.96	0.94	0.87	0.81	0.76	0.71	0.73
30.142	0.72	0.75	0.81	0.89	0.92	0.95	0.92	0.87	0.84	0.78	0.71	0.71

Observer 1: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 1: Maintenance value, luminance with dry roadway	1.26 cd/m²	0.71 cd/m²	2.25 cd/m²	0.56	0.31

Taikos pr. prie Baltijos žiedo

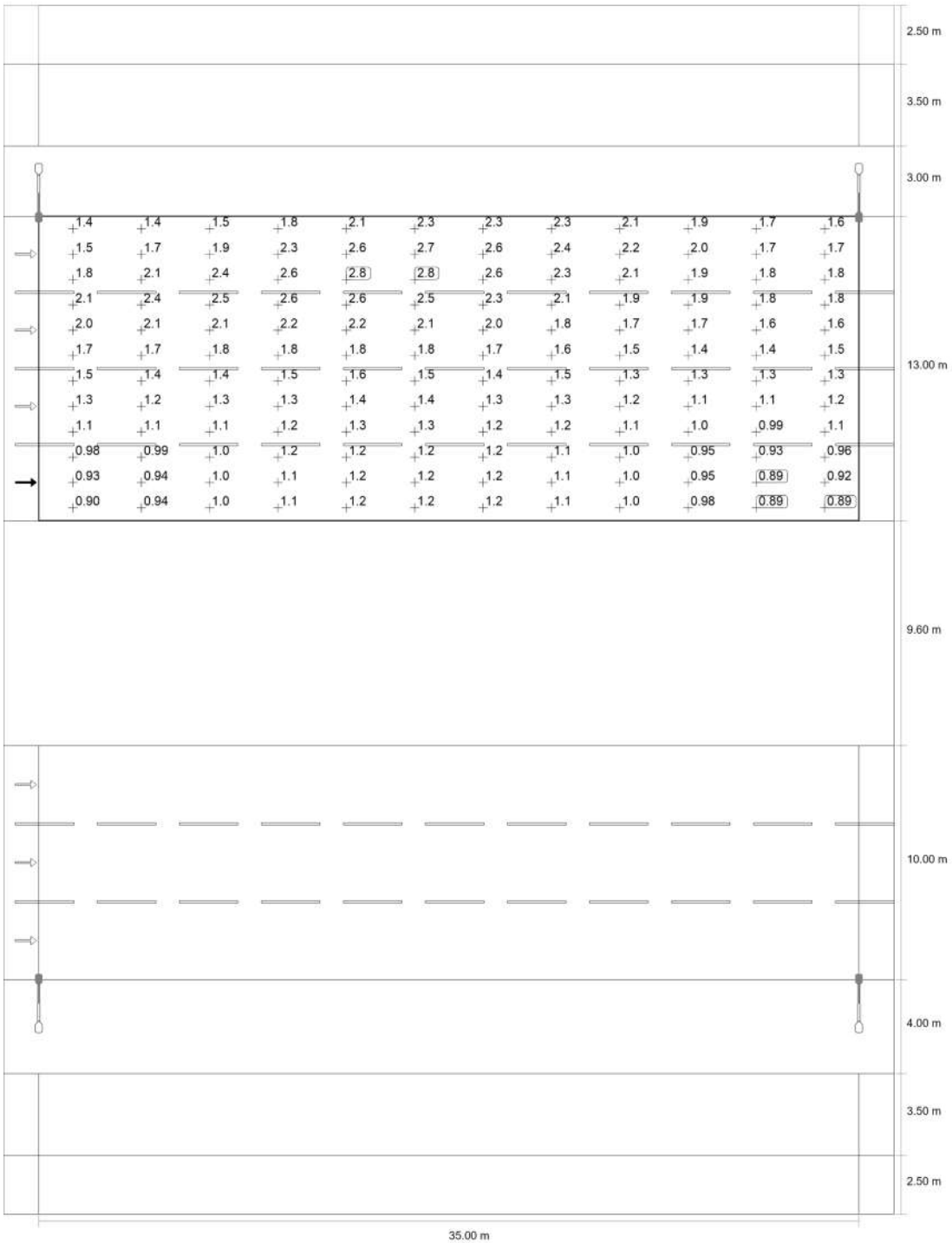
Taikos pr. prie Baltijos žiedo (M3)



Observer 1: Luminance with new installation [cd/m²] (Iso-illuminance curves)

Taikos pr. prie Baltijos žiedo

Taikos pr. prie Baltijos žiedo (M3)



Observer 1: Luminance with new installation [cd/m²] (Value grid)

Taikos pr. prie Baltijos žiedo

Taikos pr. prie Baltijos žiedo (M3)

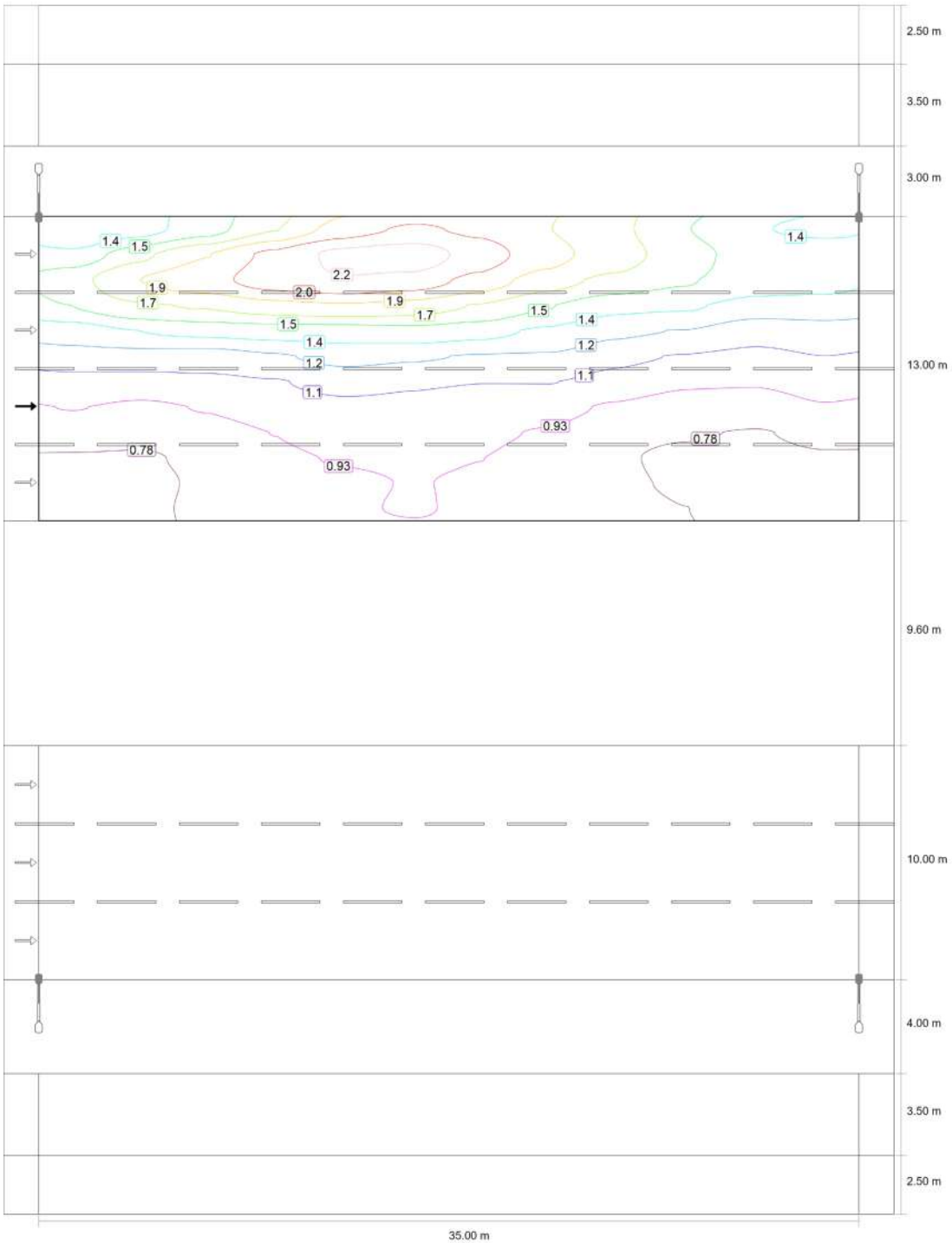
m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
42.058	1.38	1.43	1.55	1.78	2.09	2.31	2.33	2.26	2.12	1.89	1.68	1.57
40.975	1.54	1.72	1.94	2.28	2.59	2.74	2.62	2.39	2.21	1.96	1.74	1.70
39.892	1.80	2.13	2.40	2.65	2.82	2.82	2.58	2.33	2.13	1.94	1.82	1.82
38.808	2.06	2.36	2.49	2.60	2.61	2.53	2.31	2.08	1.88	1.85	1.78	1.80
37.725	2.00	2.11	2.14	2.19	2.20	2.09	2.00	1.83	1.70	1.68	1.59	1.64
36.642	1.69	1.75	1.78	1.77	1.80	1.76	1.70	1.64	1.50	1.44	1.38	1.46
35.558	1.47	1.45	1.45	1.52	1.56	1.52	1.44	1.45	1.34	1.26	1.26	1.32
34.475	1.25	1.24	1.28	1.33	1.40	1.36	1.32	1.29	1.20	1.12	1.10	1.19
33.392	1.10	1.07	1.14	1.23	1.29	1.28	1.24	1.20	1.08	1.02	0.99	1.06
32.308	0.98	0.99	1.04	1.16	1.22	1.23	1.20	1.12	1.01	0.95	0.93	0.96
31.225	0.93	0.94	1.02	1.13	1.17	1.20	1.17	1.09	1.02	0.95	0.89	0.92
30.142	0.90	0.94	1.01	1.12	1.16	1.19	1.15	1.09	1.05	0.98	0.89	0.89

Observer 1: Luminance with new installation [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 1: Luminance with new installation	1.58 cd/m²	0.89 cd/m²	2.82 cd/m²	0.56	0.31

Taikos pr. prie Baltijos žiedo

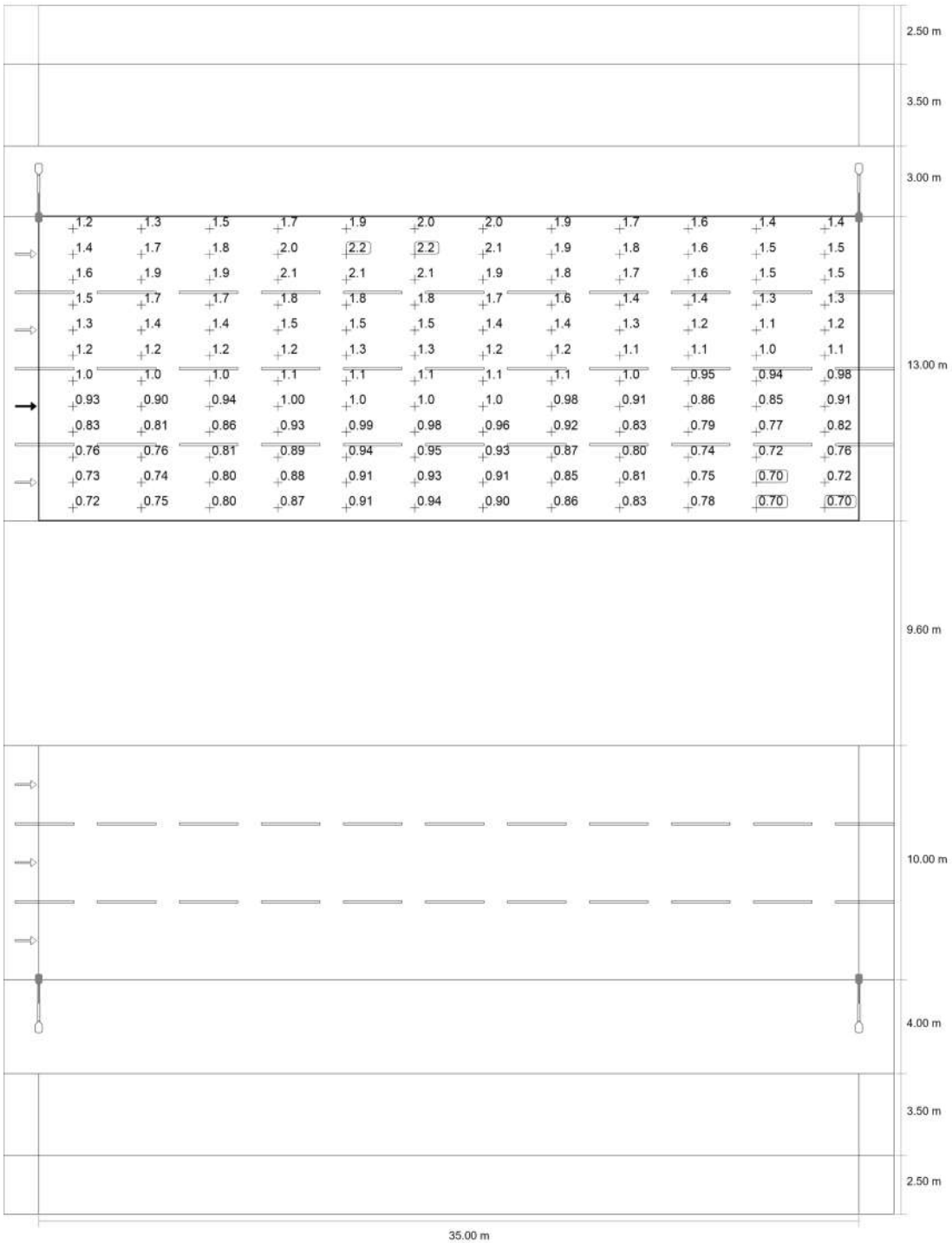
Taikos pr. prie Baltijos žiedo (M3)



Observer 2: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

Taikos pr. prie Baltijos žiedo

Taikos pr. prie Baltijos žiedo (M3)



Observer 2: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

Taikos pr. prie Baltijos žiedo

Taikos pr. prie Baltijos žiedo (M3)

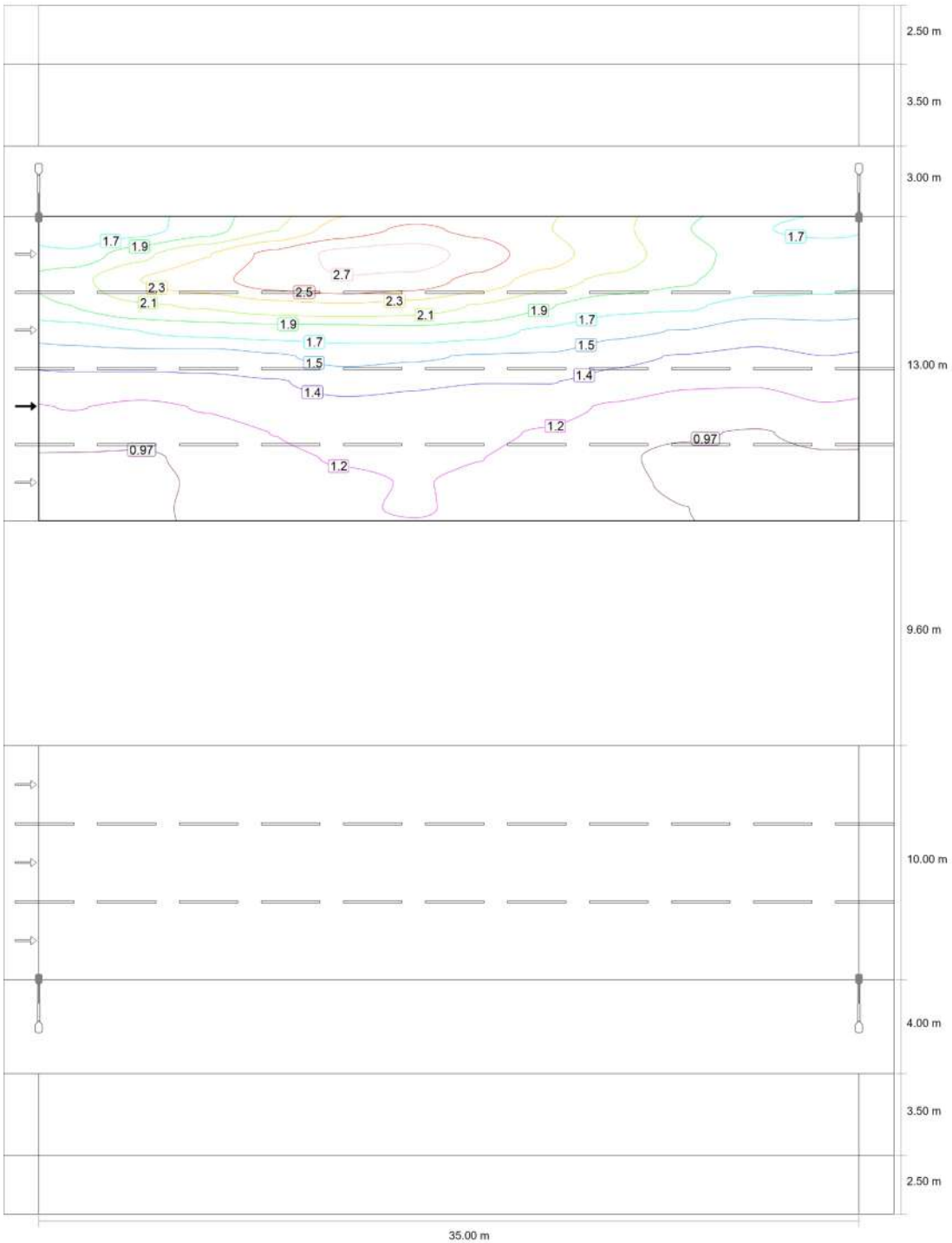
m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
42.058	1.24	1.33	1.47	1.69	1.92	2.03	1.97	1.85	1.74	1.55	1.41	1.36
40.975	1.44	1.65	1.85	2.05	2.20	2.24	2.09	1.91	1.77	1.62	1.48	1.47
39.892	1.63	1.85	1.95	2.09	2.14	2.10	1.95	1.77	1.65	1.56	1.47	1.46
38.808	1.55	1.67	1.71	1.79	1.83	1.78	1.69	1.55	1.43	1.41	1.33	1.32
37.725	1.30	1.39	1.43	1.45	1.46	1.49	1.44	1.36	1.27	1.23	1.14	1.17
36.642	1.17	1.16	1.16	1.22	1.28	1.26	1.23	1.22	1.12	1.07	1.04	1.08
35.558	1.02	1.02	1.04	1.07	1.14	1.10	1.08	1.09	1.01	0.95	0.94	0.98
34.475	0.93	0.90	0.94	1.00	1.04	1.03	1.01	0.98	0.91	0.86	0.85	0.91
33.392	0.83	0.81	0.86	0.93	0.99	0.98	0.96	0.92	0.83	0.79	0.77	0.82
32.308	0.76	0.76	0.81	0.89	0.94	0.95	0.93	0.87	0.80	0.74	0.72	0.76
31.225	0.73	0.74	0.80	0.88	0.91	0.93	0.91	0.85	0.81	0.75	0.70	0.72
30.142	0.72	0.75	0.80	0.87	0.91	0.94	0.90	0.86	0.83	0.78	0.70	0.70

Observer 2: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 2: Maintenance value, luminance with dry roadway	1.22 cd/m²	0.70 cd/m²	2.24 cd/m²	0.57	0.31

Taikos pr. prie Baltijos žiedo

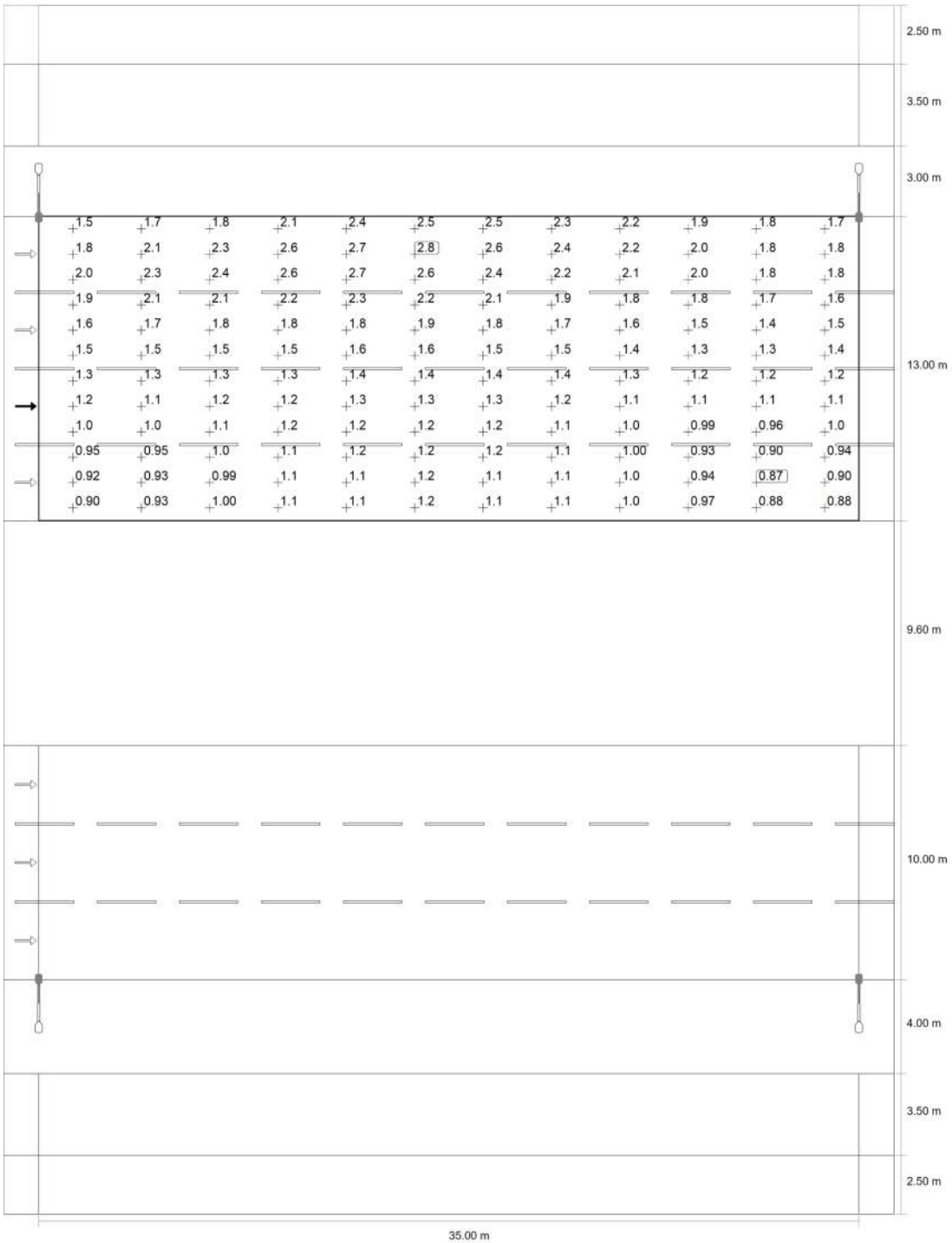
Taikos pr. prie Baltijos žiedo (M3)



Observer 2: Luminance with new installation [cd/m²] (Iso-illuminance curves)

Taikos pr. prie Baltijos žiedo

Taikos pr. prie Baltijos žiedo (M3)



Observer 2: Luminance with new installation [cd/m²] (Value grid)

Taikos pr. prie Baltijos žiedo

Taikos pr. prie Baltijos žiedo (M3)

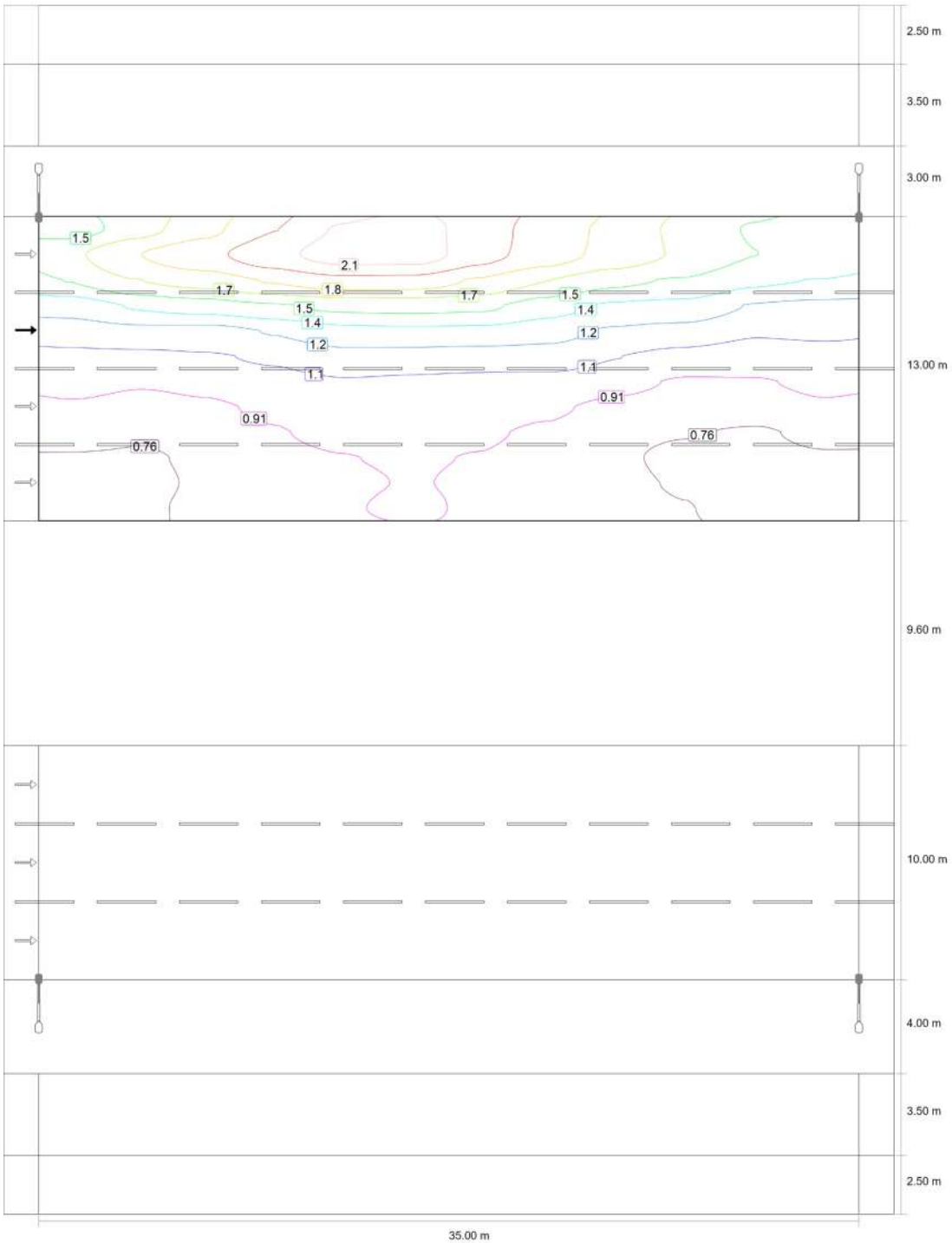
m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
42.058	1.55	1.66	1.84	2.12	2.39	2.54	2.46	2.32	2.17	1.94	1.76	1.69
40.975	1.80	2.07	2.31	2.56	2.75	2.79	2.61	2.39	2.22	2.02	1.85	1.83
39.892	2.04	2.31	2.43	2.61	2.68	2.62	2.43	2.22	2.07	1.95	1.84	1.82
38.808	1.93	2.09	2.14	2.24	2.29	2.23	2.11	1.94	1.79	1.76	1.66	1.65
37.725	1.63	1.74	1.79	1.82	1.83	1.86	1.80	1.70	1.58	1.54	1.42	1.46
36.642	1.46	1.46	1.45	1.52	1.60	1.57	1.53	1.52	1.40	1.34	1.30	1.35
35.558	1.28	1.27	1.30	1.34	1.42	1.38	1.36	1.36	1.27	1.18	1.18	1.23
34.475	1.17	1.12	1.17	1.25	1.30	1.29	1.26	1.22	1.13	1.08	1.06	1.14
33.392	1.04	1.01	1.07	1.17	1.23	1.23	1.20	1.15	1.04	0.99	0.96	1.02
32.308	0.95	0.95	1.01	1.12	1.17	1.19	1.16	1.09	1.00	0.93	0.90	0.94
31.225	0.92	0.93	0.99	1.10	1.13	1.17	1.14	1.06	1.01	0.94	0.87	0.90
30.142	0.90	0.93	1.00	1.09	1.14	1.17	1.13	1.08	1.04	0.97	0.88	0.88

Observer 2: Luminance with new installation [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 2: Luminance with new installation	1.53 cd/m²	0.87 cd/m²	2.79 cd/m²	0.57	0.31

Taikos pr. prie Baltijos žiedo

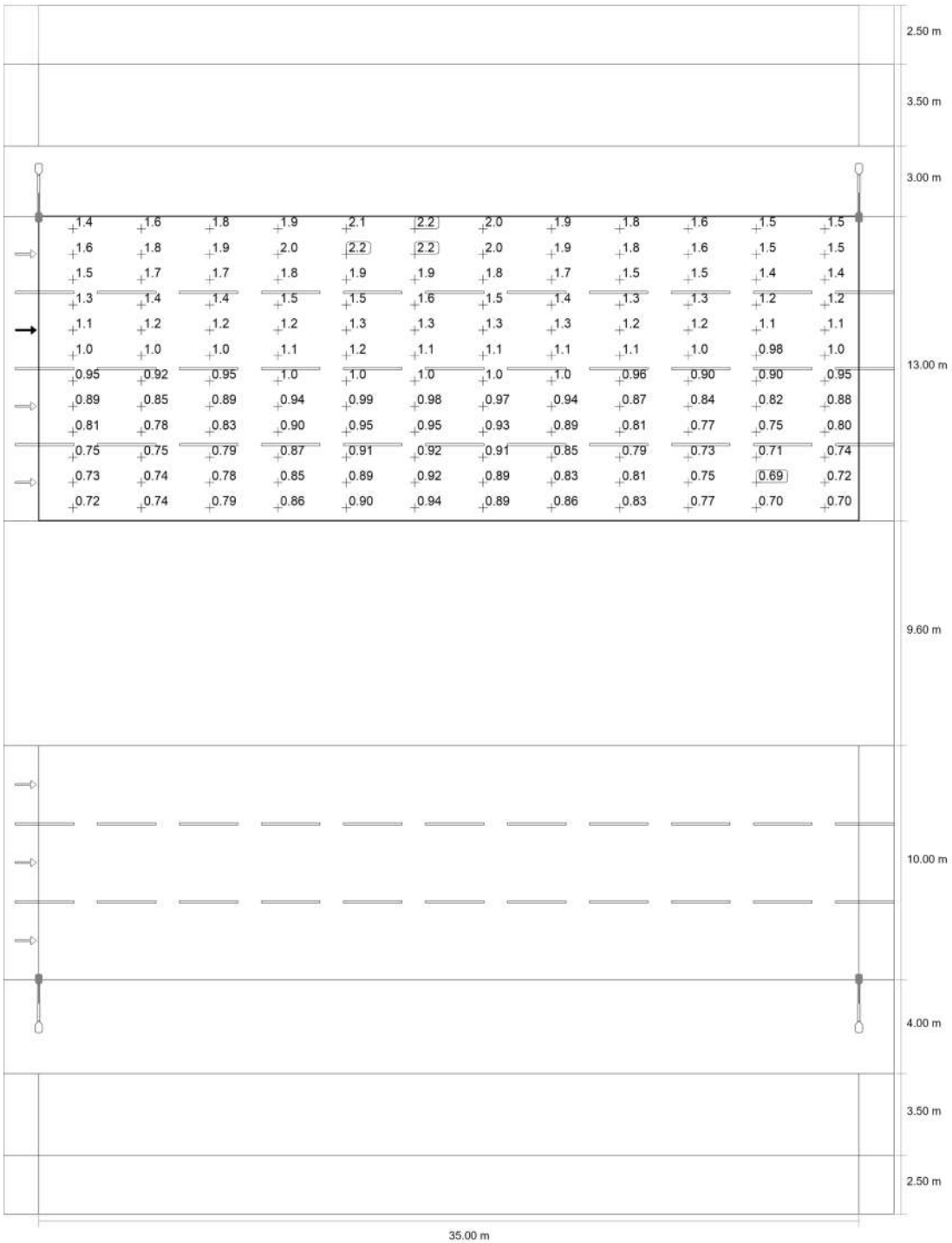
Taikos pr. prie Baltijos žiedo (M3)



Observer 3: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

Taikos pr. prie Baltijos žiedo

Taikos pr. prie Baltijos žiedo (M3)



Observer 3: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

Taikos pr. prie Baltijos žiedo

Taikos pr. prie Baltijos žiedo (M3)

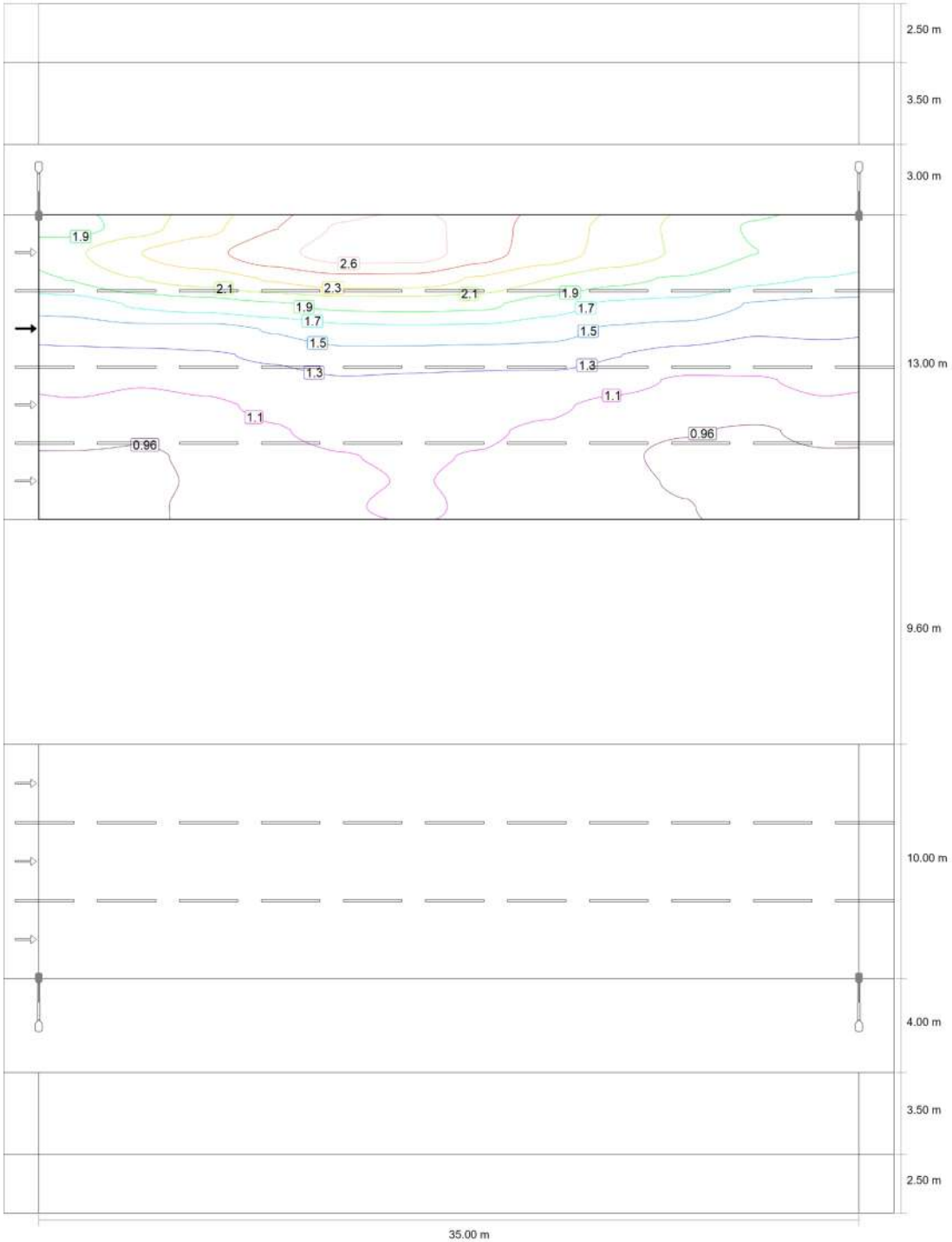
m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
42.058	1.44	1.59	1.75	1.95	2.12	2.15	2.03	1.88	1.77	1.61	1.49	1.47
40.975	1.62	1.80	1.91	2.05	2.17	2.17	2.01	1.88	1.75	1.63	1.51	1.49
39.892	1.51	1.65	1.71	1.82	1.90	1.89	1.78	1.65	1.54	1.49	1.39	1.35
38.808	1.27	1.38	1.43	1.49	1.54	1.55	1.53	1.43	1.33	1.31	1.20	1.17
37.725	1.13	1.16	1.16	1.22	1.31	1.32	1.31	1.26	1.18	1.15	1.08	1.09
36.642	1.02	1.02	1.04	1.08	1.15	1.14	1.13	1.13	1.06	1.00	0.98	1.00
35.558	0.95	0.92	0.95	1.00	1.05	1.03	1.02	1.01	0.96	0.90	0.90	0.95
34.475	0.89	0.85	0.89	0.94	0.99	0.98	0.97	0.94	0.87	0.84	0.82	0.88
33.392	0.81	0.78	0.83	0.90	0.95	0.95	0.93	0.89	0.81	0.77	0.75	0.80
32.308	0.75	0.75	0.79	0.87	0.91	0.92	0.91	0.85	0.79	0.73	0.71	0.74
31.225	0.73	0.74	0.78	0.85	0.89	0.92	0.89	0.83	0.81	0.75	0.69	0.72
30.142	0.72	0.74	0.79	0.86	0.90	0.94	0.89	0.86	0.83	0.77	0.70	0.70

Observer 3: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 3: Maintenance value, luminance with dry roadway	1.17 cd/m²	0.69 cd/m²	2.17 cd/m²	0.59	0.32

Taikos pr. prie Baltijos žiedo

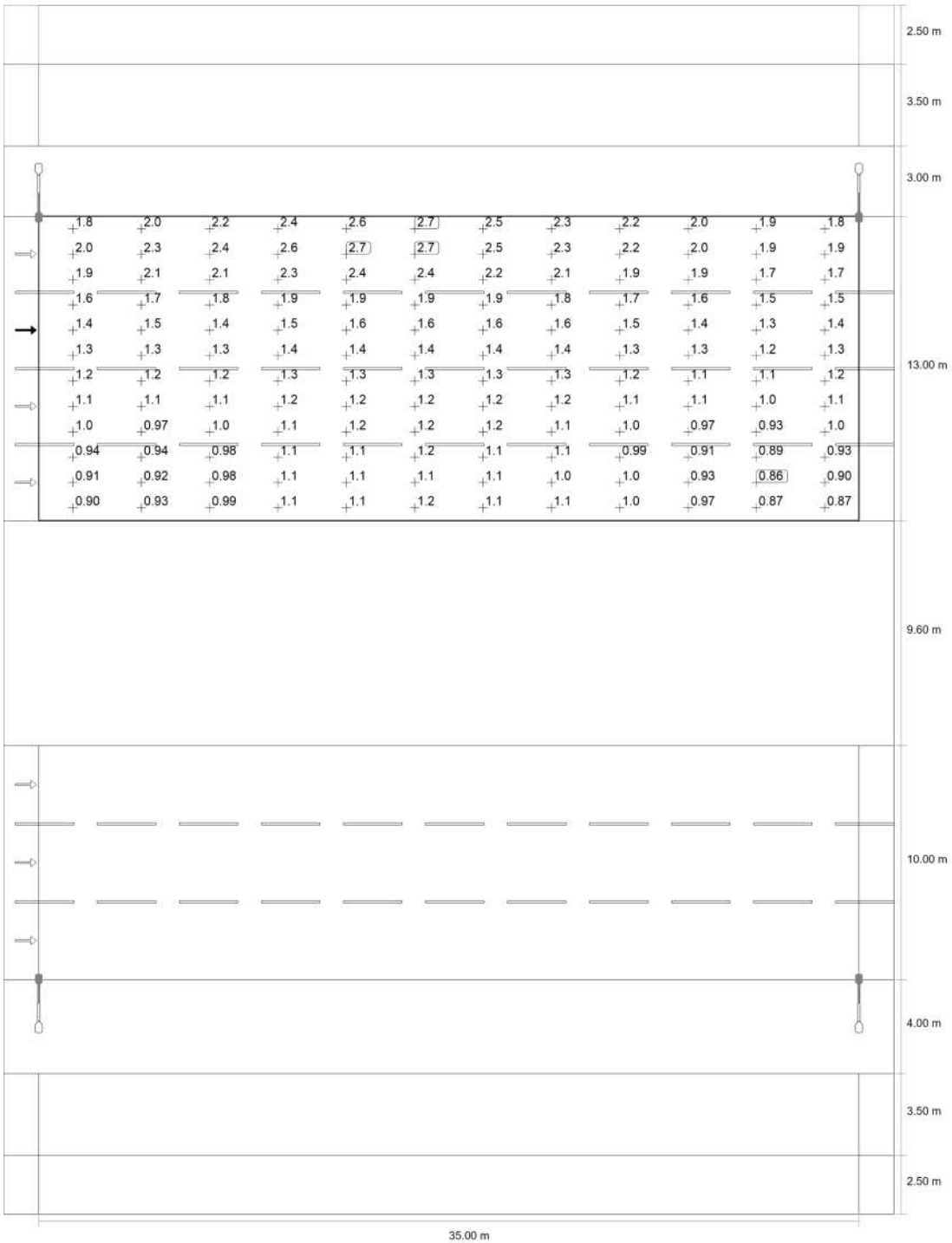
Taikos pr. prie Baltijos žiedo (M3)



Observer 3: Luminance with new installation [cd/m²] (Iso-illuminance curves)

Taikos pr. prie Baltijos žiedo

Taikos pr. prie Baltijos žiedo (M3)



Observer 3: Luminance with new installation [cd/m²] (Value grid)

Taikos pr. prie Baltijos žiedo

Taikos pr. prie Baltijos žiedo (M3)

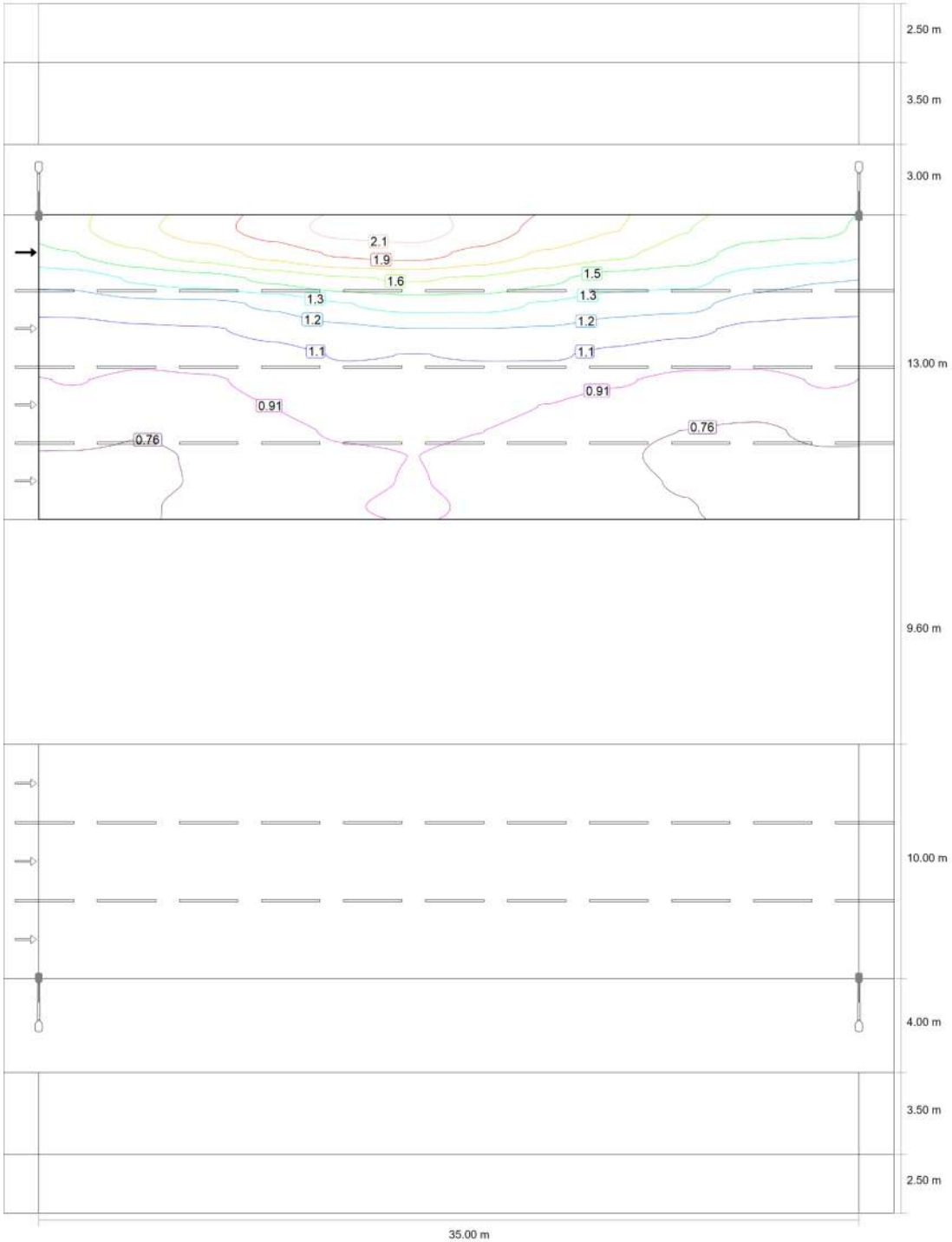
m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
42.058	1.80	1.98	2.19	2.43	2.65	2.69	2.54	2.35	2.21	2.01	1.87	1.84
40.975	2.02	2.25	2.38	2.56	2.72	2.71	2.52	2.35	2.19	2.04	1.88	1.87
39.892	1.89	2.07	2.14	2.27	2.37	2.36	2.23	2.07	1.93	1.86	1.74	1.69
38.808	1.59	1.72	1.78	1.86	1.93	1.94	1.92	1.78	1.67	1.63	1.50	1.47
37.725	1.41	1.45	1.45	1.53	1.64	1.65	1.64	1.57	1.48	1.44	1.35	1.36
36.642	1.28	1.28	1.31	1.35	1.44	1.43	1.41	1.42	1.33	1.26	1.22	1.25
35.558	1.19	1.16	1.19	1.25	1.31	1.29	1.28	1.26	1.20	1.12	1.13	1.18
34.475	1.11	1.07	1.11	1.17	1.24	1.23	1.21	1.17	1.09	1.05	1.03	1.10
33.392	1.01	0.97	1.04	1.13	1.19	1.19	1.16	1.11	1.01	0.97	0.93	1.01
32.308	0.94	0.94	0.98	1.08	1.13	1.16	1.13	1.06	0.99	0.91	0.89	0.93
31.225	0.91	0.92	0.98	1.06	1.11	1.15	1.11	1.04	1.01	0.93	0.86	0.90
30.142	0.90	0.93	0.99	1.08	1.12	1.17	1.11	1.07	1.04	0.97	0.87	0.87

Observer 3: Luminance with new installation [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 3: Luminance with new installation	1.46 cd/m²	0.86 cd/m²	2.72 cd/m²	0.59	0.32

Taikos pr. prie Baltijos žiedo

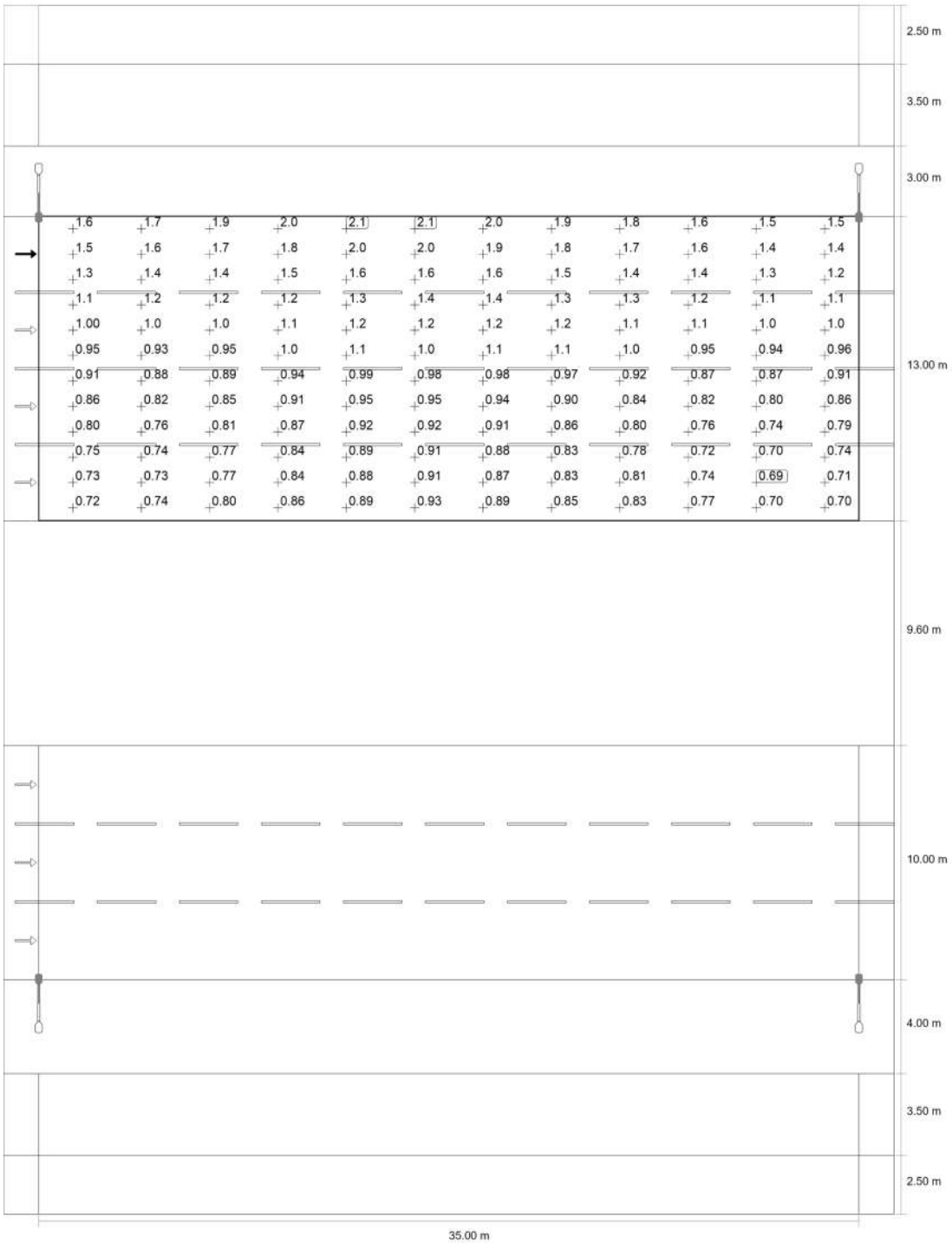
Taikos pr. prie Baltijos žiedo (M3)



Observer 4: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

Taikos pr. prie Baltijos žiedo

Taikos pr. prie Baltijos žiedo (M3)



Observer 4: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

Taikos pr. prie Baltijos žiedo

Taikos pr. prie Baltijos žiedo (M3)

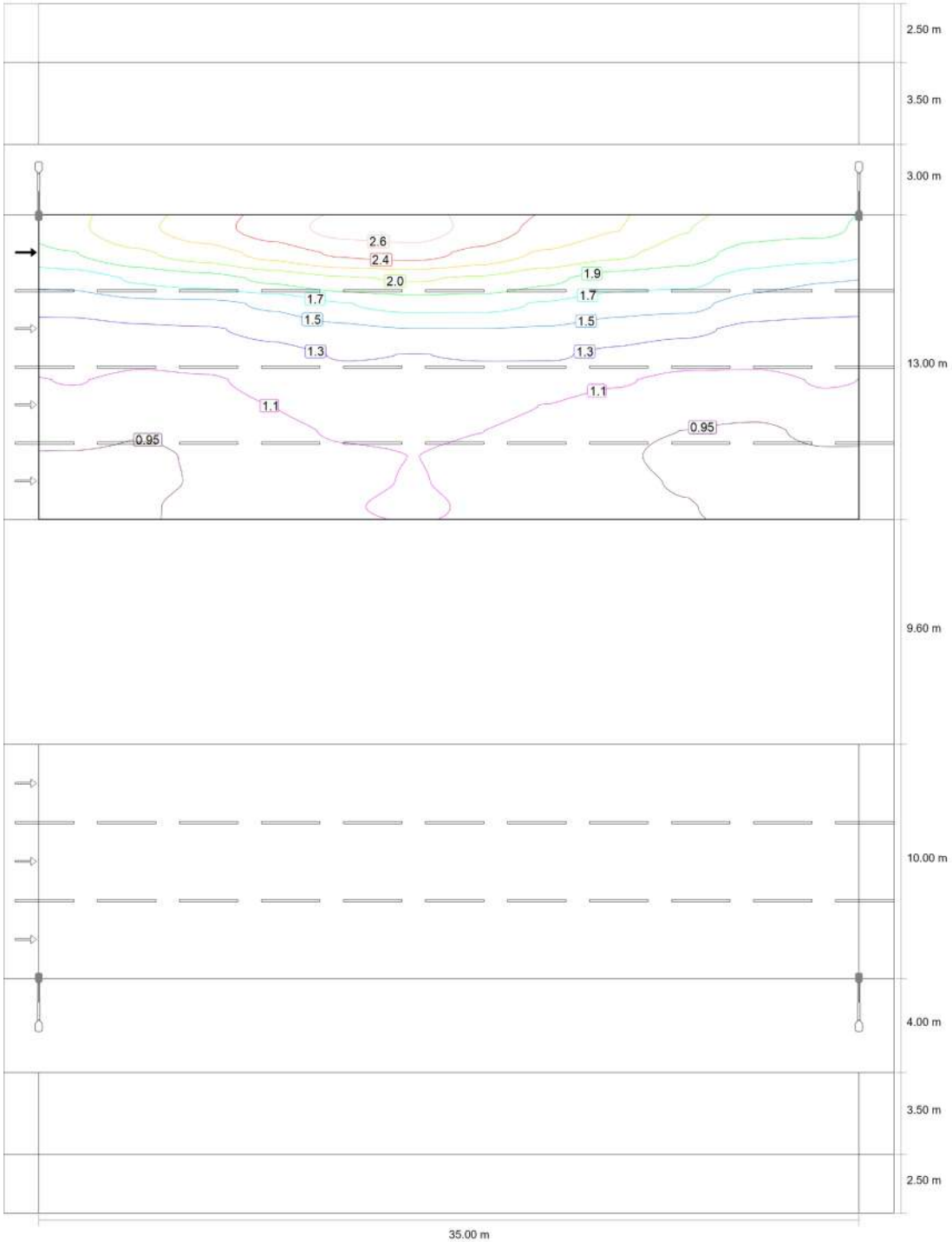
m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
42.058	1.60	1.74	1.87	2.00	2.13	2.15	2.02	1.88	1.79	1.64	1.54	1.52
40.975	1.48	1.61	1.71	1.84	1.95	1.99	1.88	1.76	1.67	1.56	1.43	1.40
39.892	1.26	1.36	1.43	1.53	1.62	1.65	1.61	1.52	1.42	1.39	1.27	1.21
38.808	1.10	1.16	1.16	1.22	1.34	1.39	1.39	1.33	1.25	1.24	1.13	1.10
37.725	1.00	1.02	1.04	1.09	1.16	1.20	1.20	1.18	1.12	1.08	1.02	1.01
36.642	0.95	0.93	0.95	1.00	1.06	1.05	1.06	1.06	1.01	0.95	0.94	0.96
35.558	0.91	0.88	0.89	0.94	0.99	0.98	0.98	0.97	0.92	0.87	0.87	0.91
34.475	0.86	0.82	0.85	0.91	0.95	0.95	0.94	0.90	0.84	0.82	0.80	0.86
33.392	0.80	0.76	0.81	0.87	0.92	0.92	0.91	0.86	0.80	0.76	0.74	0.79
32.308	0.75	0.74	0.77	0.84	0.89	0.91	0.88	0.83	0.78	0.72	0.70	0.74
31.225	0.73	0.73	0.77	0.84	0.88	0.91	0.87	0.83	0.81	0.74	0.69	0.71
30.142	0.72	0.74	0.80	0.86	0.89	0.93	0.89	0.85	0.83	0.77	0.70	0.70

Observer 4: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 4: Maintenance value, luminance with dry roadway	1.11 cd/m²	0.69 cd/m²	2.15 cd/m²	0.62	0.32

Taikos pr. prie Baltijos žiedo

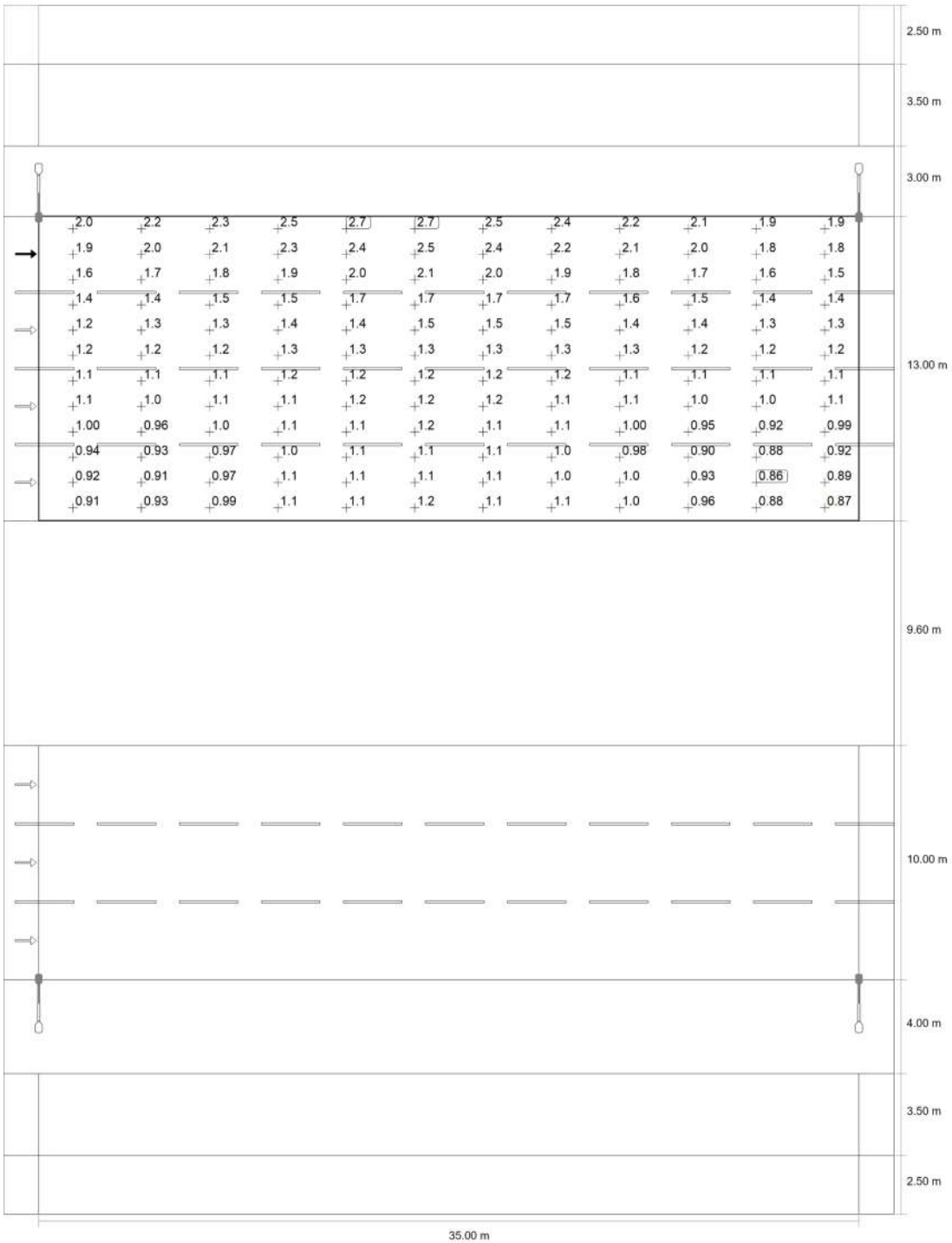
Taikos pr. prie Baltijos žiedo (M3)



Observer 4: Luminance with new installation [cd/m²] (Iso-illuminance curves)

Taikos pr. prie Baltijos žiedo

Taikos pr. prie Baltijos žiedo (M3)



Observer 4: Luminance with new installation [cd/m²] (Value grid)

Taikos pr. prie Baltijos žiedo

Taikos pr. prie Baltijos žiedo (M3)

m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
42.058	2.00	2.18	2.33	2.50	2.66	2.68	2.53	2.35	2.23	2.05	1.92	1.90
40.975	1.85	2.01	2.14	2.30	2.44	2.48	2.35	2.20	2.09	1.95	1.79	1.75
39.892	1.57	1.71	1.78	1.91	2.02	2.06	2.02	1.90	1.77	1.74	1.59	1.51
38.808	1.38	1.44	1.46	1.53	1.67	1.74	1.73	1.66	1.57	1.55	1.41	1.37
37.725	1.25	1.28	1.30	1.36	1.45	1.49	1.49	1.48	1.41	1.36	1.27	1.26
36.642	1.19	1.16	1.18	1.25	1.33	1.31	1.33	1.33	1.26	1.19	1.17	1.21
35.558	1.14	1.10	1.12	1.18	1.24	1.23	1.23	1.21	1.15	1.09	1.09	1.14
34.475	1.08	1.02	1.06	1.13	1.19	1.19	1.17	1.13	1.05	1.02	1.00	1.08
33.392	1.00	0.96	1.01	1.09	1.15	1.15	1.13	1.07	1.00	0.95	0.92	0.99
32.308	0.94	0.93	0.97	1.05	1.11	1.13	1.10	1.04	0.98	0.90	0.88	0.92
31.225	0.92	0.91	0.97	1.05	1.09	1.14	1.09	1.03	1.01	0.93	0.86	0.89
30.142	0.91	0.93	0.99	1.07	1.12	1.16	1.11	1.07	1.04	0.96	0.88	0.87

Observer 4: Luminance with new installation [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 4: Luminance with new installation	1.39 cd/m²	0.86 cd/m²	2.68 cd/m²	0.62	0.32

Taikos pr. prie Baltijos žiedo

Taikos pr. prie Baltijos žiedo (M3)

Results for valuation field

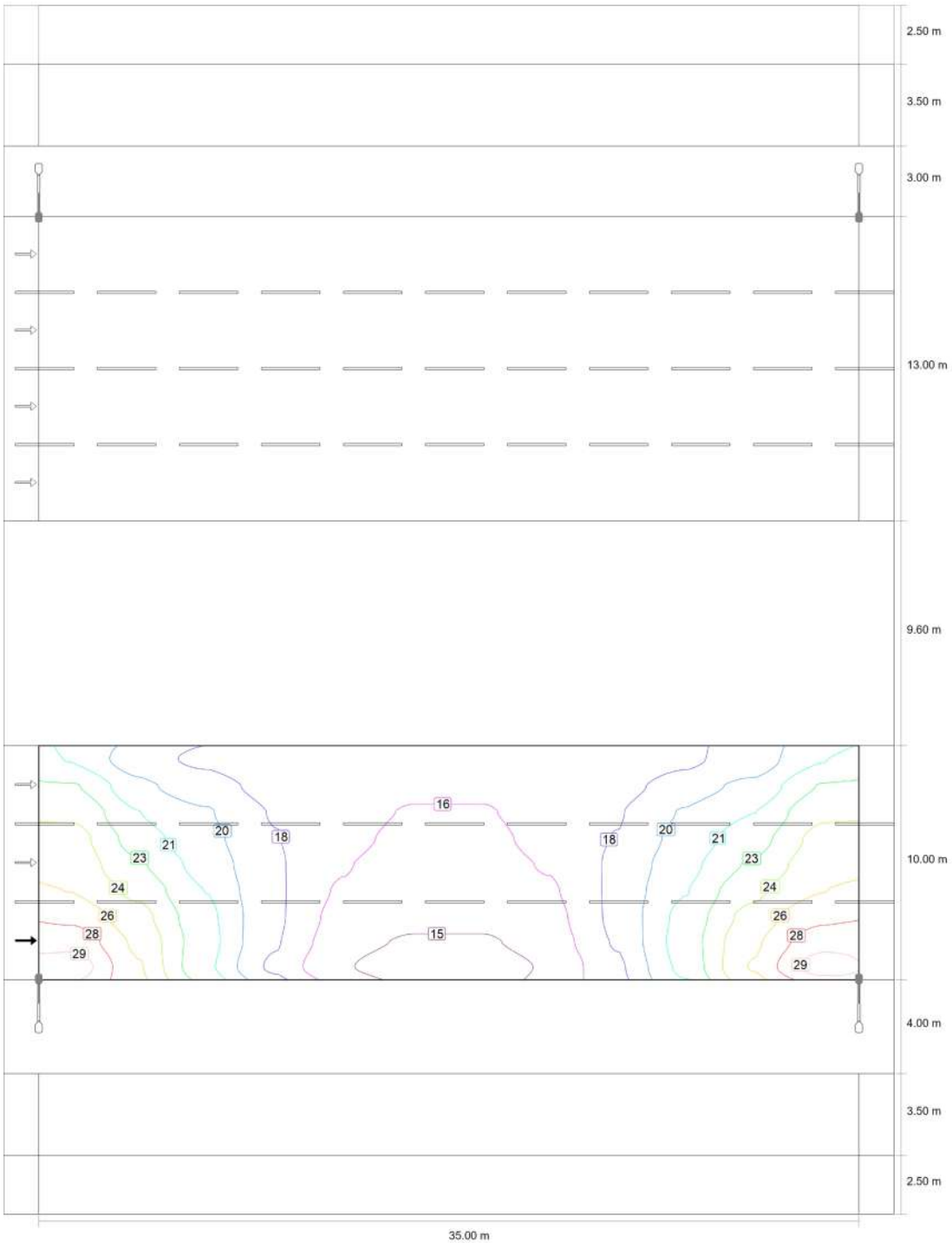
	Symbol	Calculated	Target	Check
Taikos pr. prie Baltijos žiedo (M3)	L_{av}	1.20 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.56	≥ 0.40	✓
	U_l	0.71	≥ 0.60	✓
	TI	11 %	≤ 15 %	✓
	R_{EI}	0.94	≥ 0.30	✓

Results for observer

	Symbol	Calculated	Target	Check
Observer 1 Position: -60.000 m, 11.667 m, 1.500 m	L_{av}	1.20 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.60	≥ 0.40	✓
	U_l	0.71	≥ 0.60	✓
	TI	11 %	≤ 15 %	✓
Observer 2 Position: -60.000 m, 15.000 m, 1.500 m	L_{av}	1.28 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.58	≥ 0.40	✓
	U_l	0.82	≥ 0.60	✓
	TI	9 %	≤ 15 %	✓
Observer 3 Position: -60.000 m, 18.333 m, 1.500 m	L_{av}	1.35 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.56	≥ 0.40	✓
	U_l	0.81	≥ 0.60	✓
	TI	7 %	≤ 15 %	✓

Taikos pr. prie Baltijos žiedo

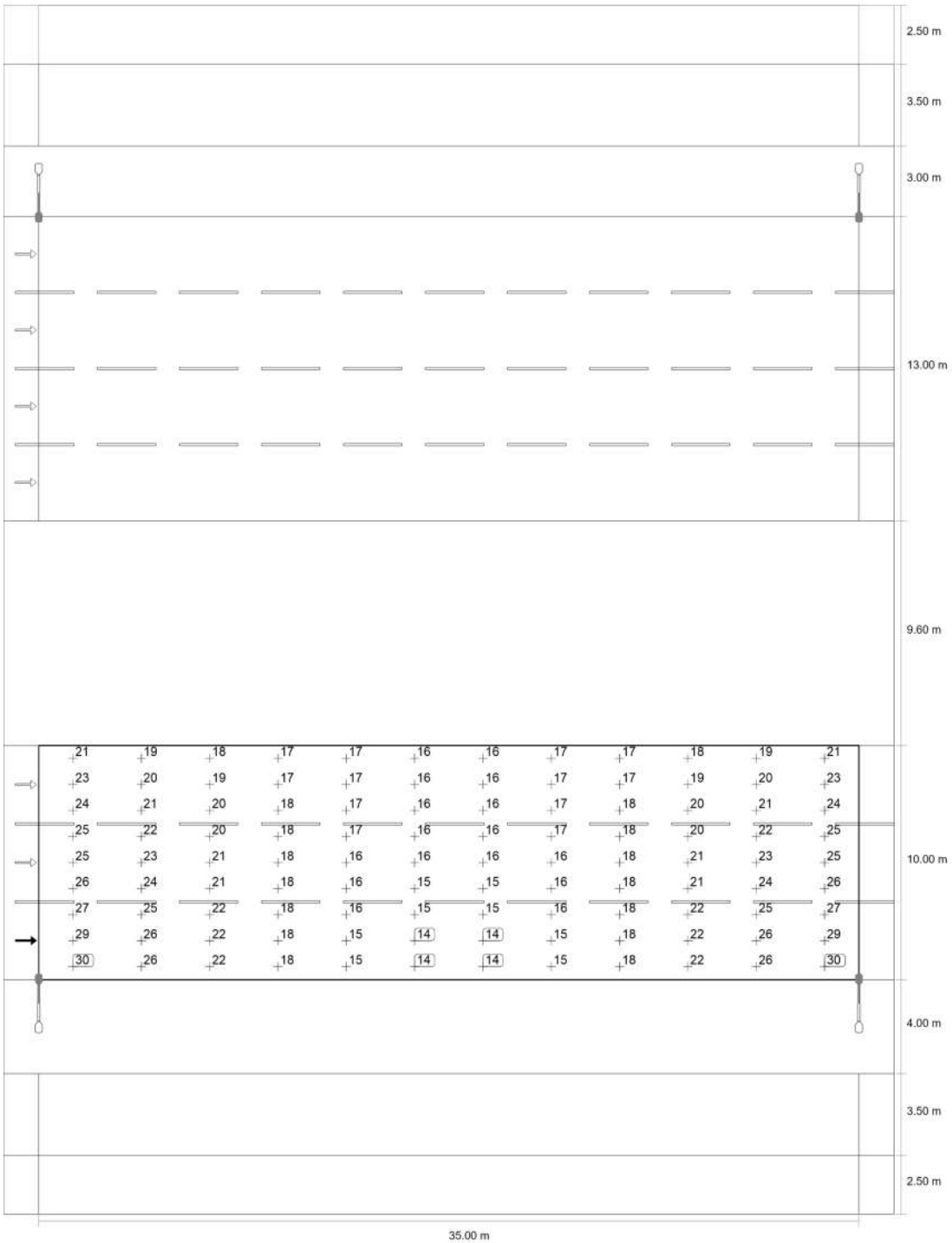
Taikos pr. prie Baltijos žiedo (M3)



Maintenance value, horizontal illuminance [lx] (Iso-illuminance curves)

Taikos pr. prie Baltijos žiedo

Taikos pr. prie Baltijos žiedo (M3)



Maintenance value, horizontal illuminance [lx] (Value grid)

Taikos pr. prie Baltijos žiedo

Taikos pr. prie Baltijos žiedo (M3)

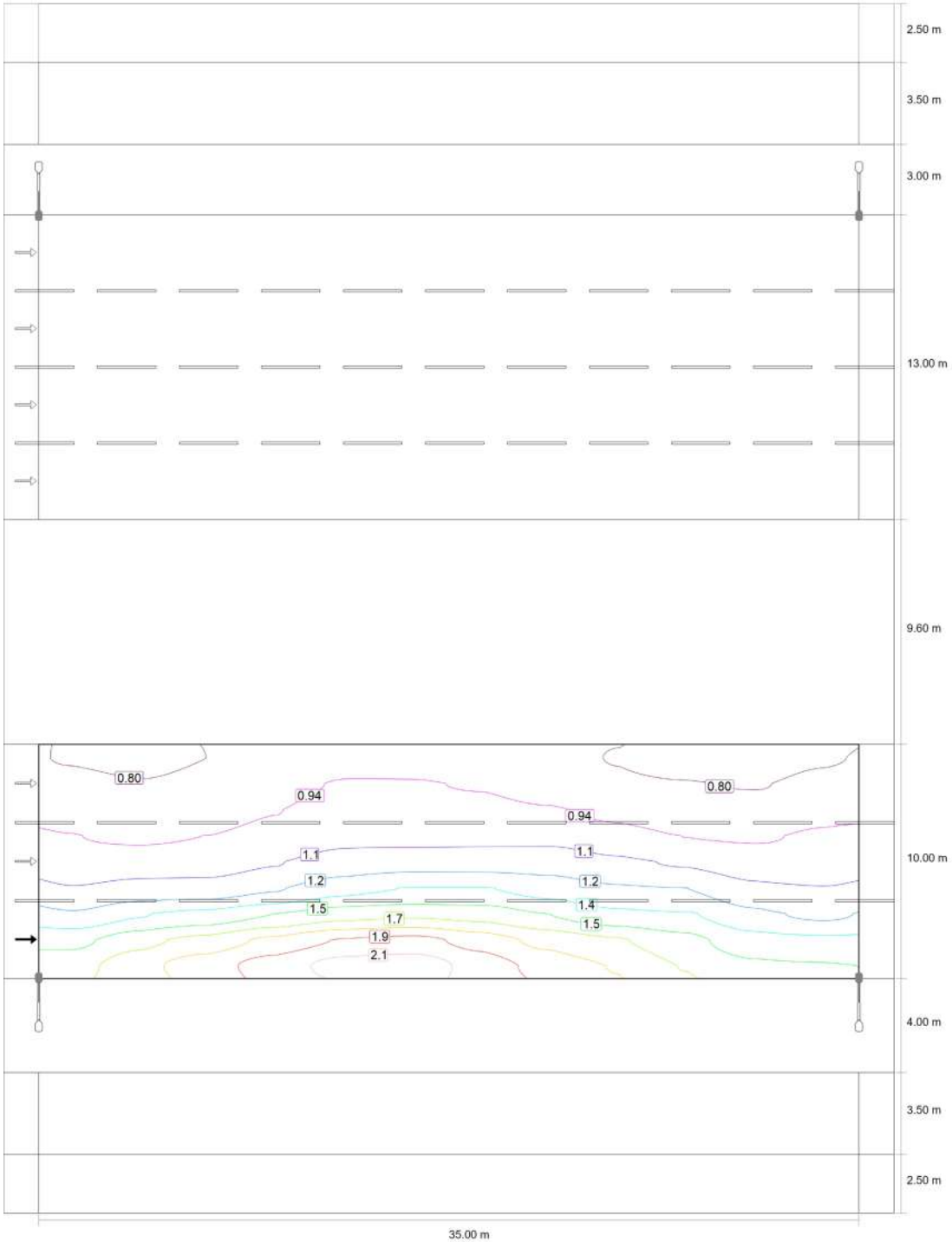
m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
19.444	21.07	18.64	17.60	16.86	16.65	16.44	16.44	16.65	16.86	17.60	18.64	21.07
18.333	22.88	19.97	18.65	17.32	16.73	16.39	16.39	16.73	17.32	18.65	19.97	22.88
17.222	24.11	21.14	19.65	17.79	16.72	16.21	16.21	16.72	17.79	19.65	21.14	24.11
16.111	24.91	22.05	20.07	17.97	16.68	15.98	15.98	16.68	17.97	20.07	22.05	24.91
15.000	25.37	22.99	20.56	18.15	16.38	15.73	15.73	16.38	18.15	20.56	22.99	25.37
13.889	25.99	23.99	21.10	18.21	16.09	15.37	15.37	16.09	18.21	21.10	23.99	25.99
12.778	27.28	24.99	21.59	18.24	15.74	14.93	14.93	15.74	18.24	21.59	24.99	27.28
11.667	28.74	25.71	21.84	18.05	15.37	14.49	14.49	15.37	18.05	21.84	25.71	28.74
10.556	30.10	26.18	21.54	17.58	14.82	13.83	13.83	14.82	17.58	21.54	26.18	30.10

Maintenance value, horizontal illuminance [lx] (Value chart)

	E_{av}	E_{min}	E_{max}	U_o (g_1)	g_2
Maintenance value, horizontal illuminance	19.7 lx	13.8 lx	30.1 lx	0.70	0.46

Taikos pr. prie Baltijos žiedo

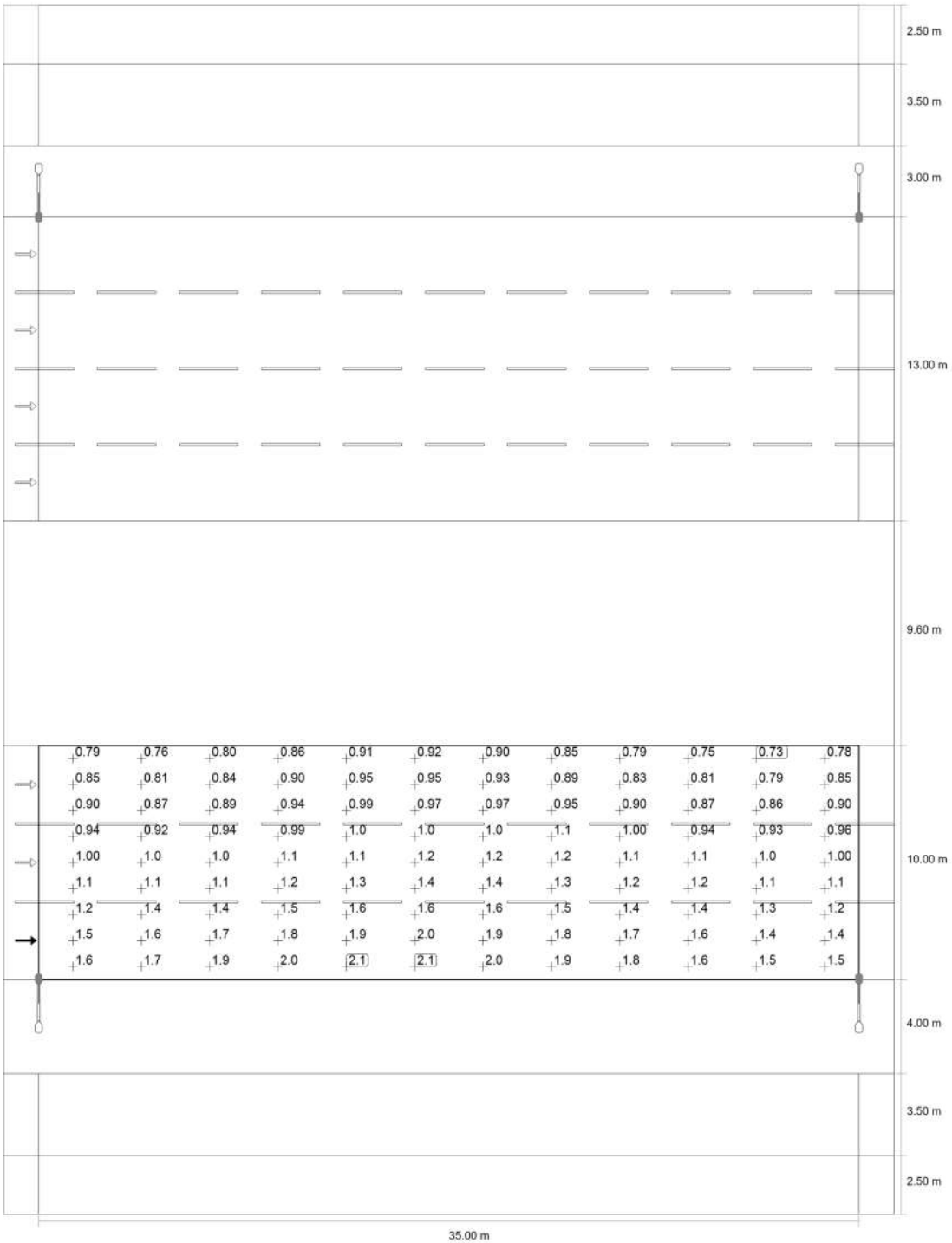
Taikos pr. prie Baltijos žiedo (M3)



Observer 1: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

Taikos pr. prie Baltijos žiedo

Taikos pr. prie Baltijos žiedo (M3)



Observer 1: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

Taikos pr. prie Baltijos žiedo

Taikos pr. prie Baltijos žiedo (M3)

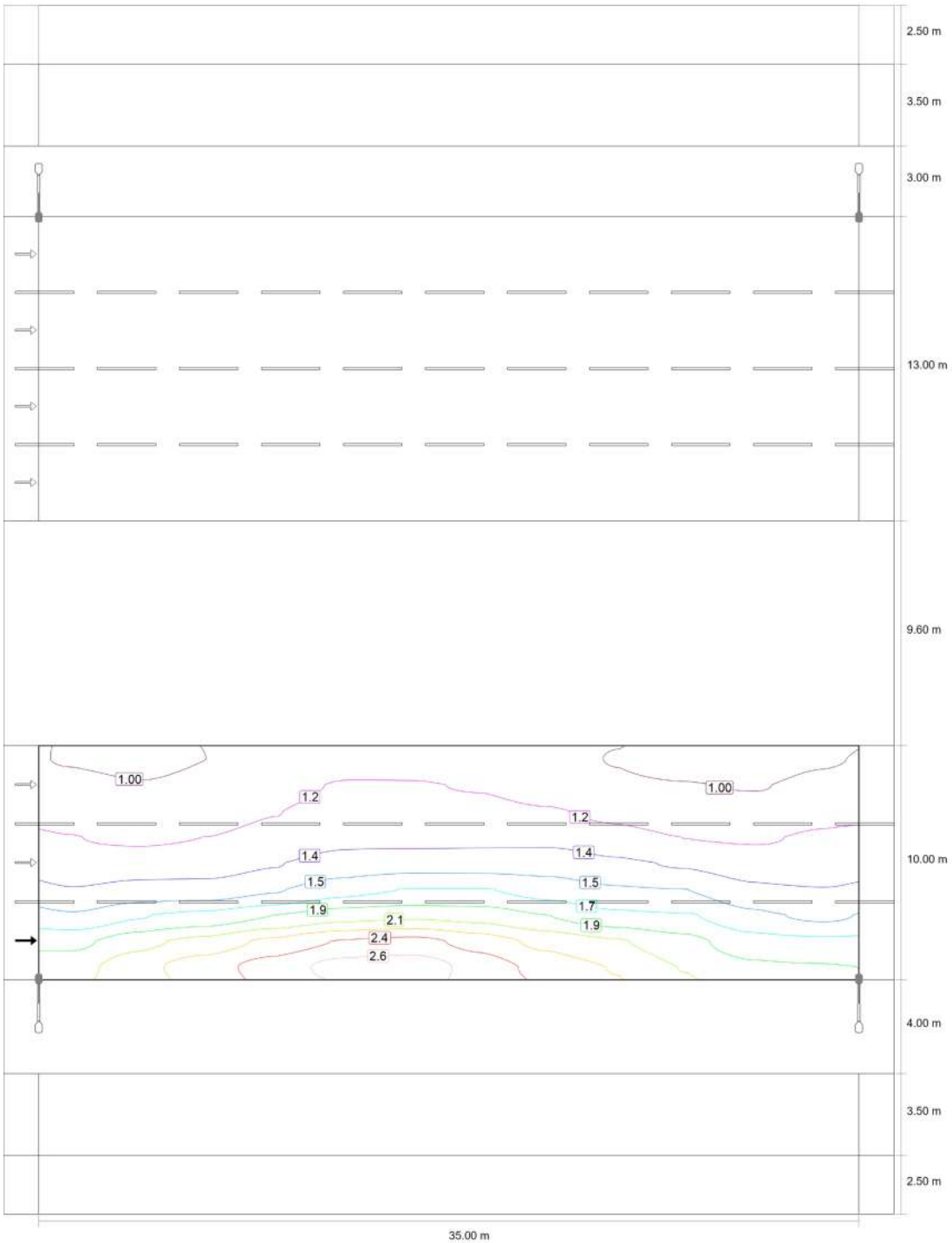
m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
19.444	0.79	0.76	0.80	0.86	0.91	0.92	0.90	0.85	0.79	0.75	0.73	0.78
18.333	0.85	0.81	0.84	0.90	0.95	0.95	0.93	0.89	0.83	0.81	0.79	0.85
17.222	0.90	0.87	0.89	0.94	0.99	0.97	0.97	0.95	0.90	0.87	0.86	0.90
16.111	0.94	0.92	0.94	0.99	1.05	1.04	1.05	1.05	1.00	0.94	0.93	0.96
15.000	1.00	1.02	1.03	1.08	1.15	1.18	1.17	1.17	1.11	1.07	1.01	1.00
13.889	1.09	1.14	1.14	1.21	1.32	1.37	1.37	1.31	1.24	1.22	1.12	1.09
12.778	1.25	1.35	1.41	1.51	1.60	1.63	1.60	1.51	1.41	1.38	1.26	1.20
11.667	1.48	1.60	1.70	1.83	1.94	1.98	1.87	1.75	1.67	1.56	1.43	1.40
10.556	1.60	1.74	1.87	2.00	2.13	2.15	2.02	1.88	1.79	1.64	1.54	1.52

Observer 1: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 1: Maintenance value, luminance with dry roadway	1.20 cd/m²	0.73 cd/m²	2.15 cd/m²	0.60	0.34

Taikos pr. prie Baltijos žiedo

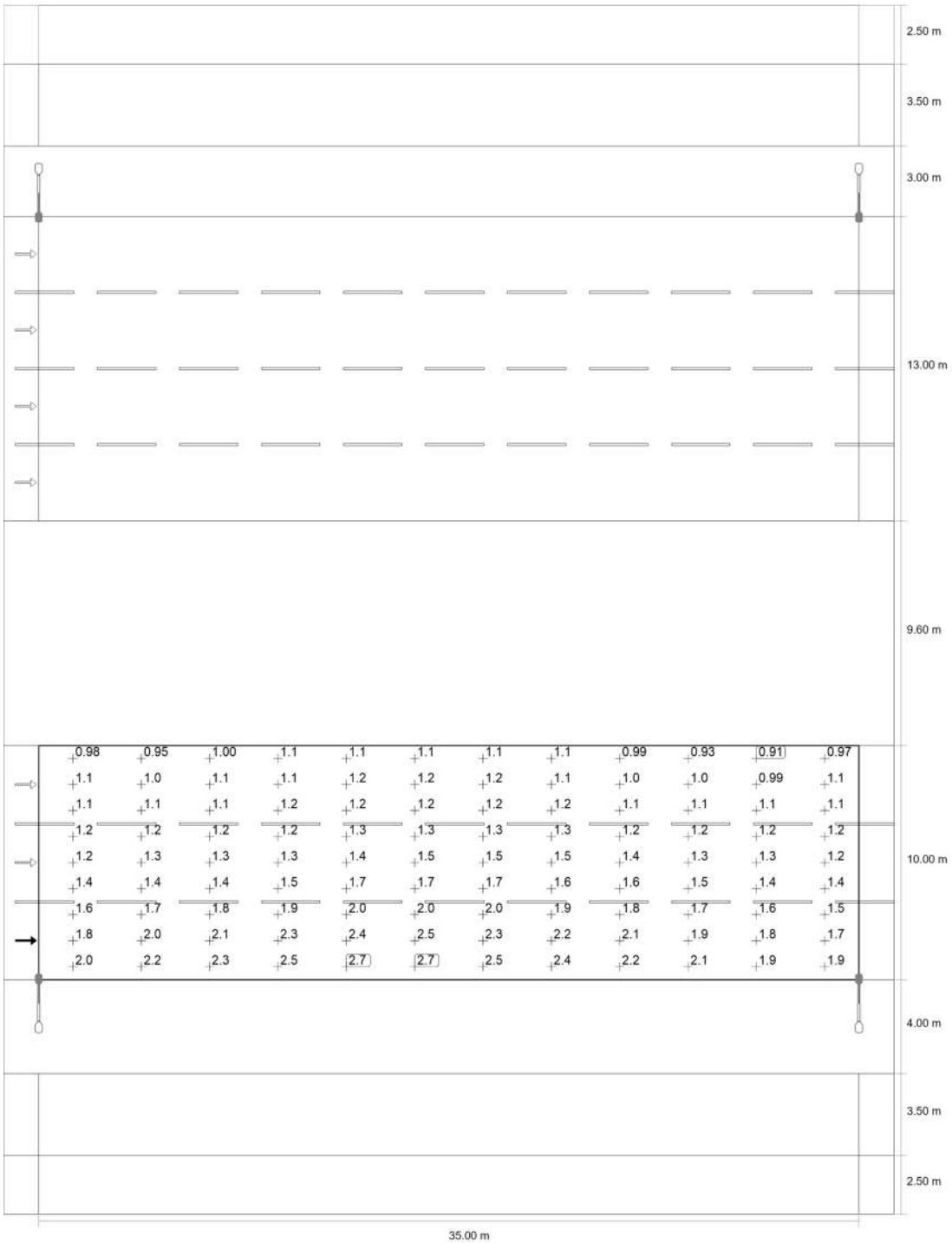
Taikos pr. prie Baltijos žiedo (M3)



Observer 1: Luminance with new installation [cd/m²] (Iso-illuminance curves)

Taikos pr. prie Baltijos žiedo

Taikos pr. prie Baltijos žiedo (M3)



Observer 1: Luminance with new installation [cd/m²] (Value grid)

Taikos pr. prie Baltijos žiedo

Taikos pr. prie Baltijos žiedo (M3)

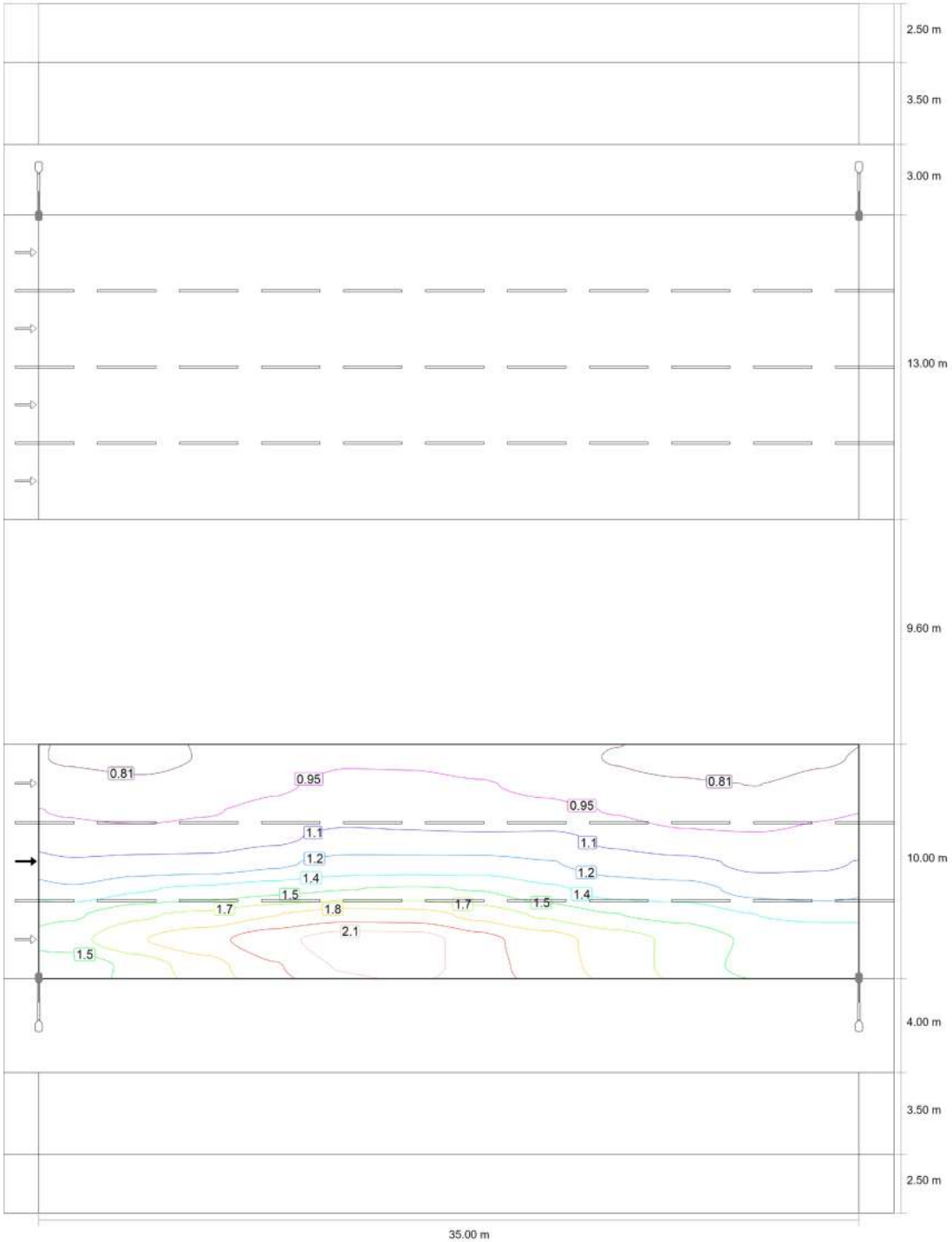
m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
19.444	0.98	0.95	1.00	1.08	1.14	1.15	1.13	1.07	0.99	0.93	0.91	0.97
18.333	1.06	1.01	1.05	1.13	1.19	1.18	1.17	1.12	1.04	1.01	0.99	1.07
17.222	1.13	1.09	1.11	1.17	1.23	1.21	1.22	1.19	1.13	1.08	1.08	1.13
16.111	1.18	1.15	1.18	1.24	1.31	1.30	1.31	1.31	1.25	1.17	1.16	1.20
15.000	1.24	1.27	1.29	1.34	1.44	1.47	1.47	1.46	1.39	1.34	1.26	1.25
13.889	1.37	1.42	1.43	1.51	1.65	1.71	1.71	1.64	1.55	1.53	1.40	1.36
12.778	1.56	1.69	1.77	1.89	2.00	2.03	2.00	1.88	1.76	1.72	1.58	1.50
11.667	1.84	2.00	2.13	2.29	2.43	2.48	2.34	2.19	2.08	1.95	1.78	1.75
10.556	2.00	2.18	2.33	2.50	2.66	2.68	2.53	2.36	2.23	2.05	1.92	1.90

Observer 1: Luminance with new installation [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 1: Luminance with new installation	1.50 cd/m²	0.91 cd/m²	2.68 cd/m²	0.60	0.34

Taikos pr. prie Baltijos žiedo

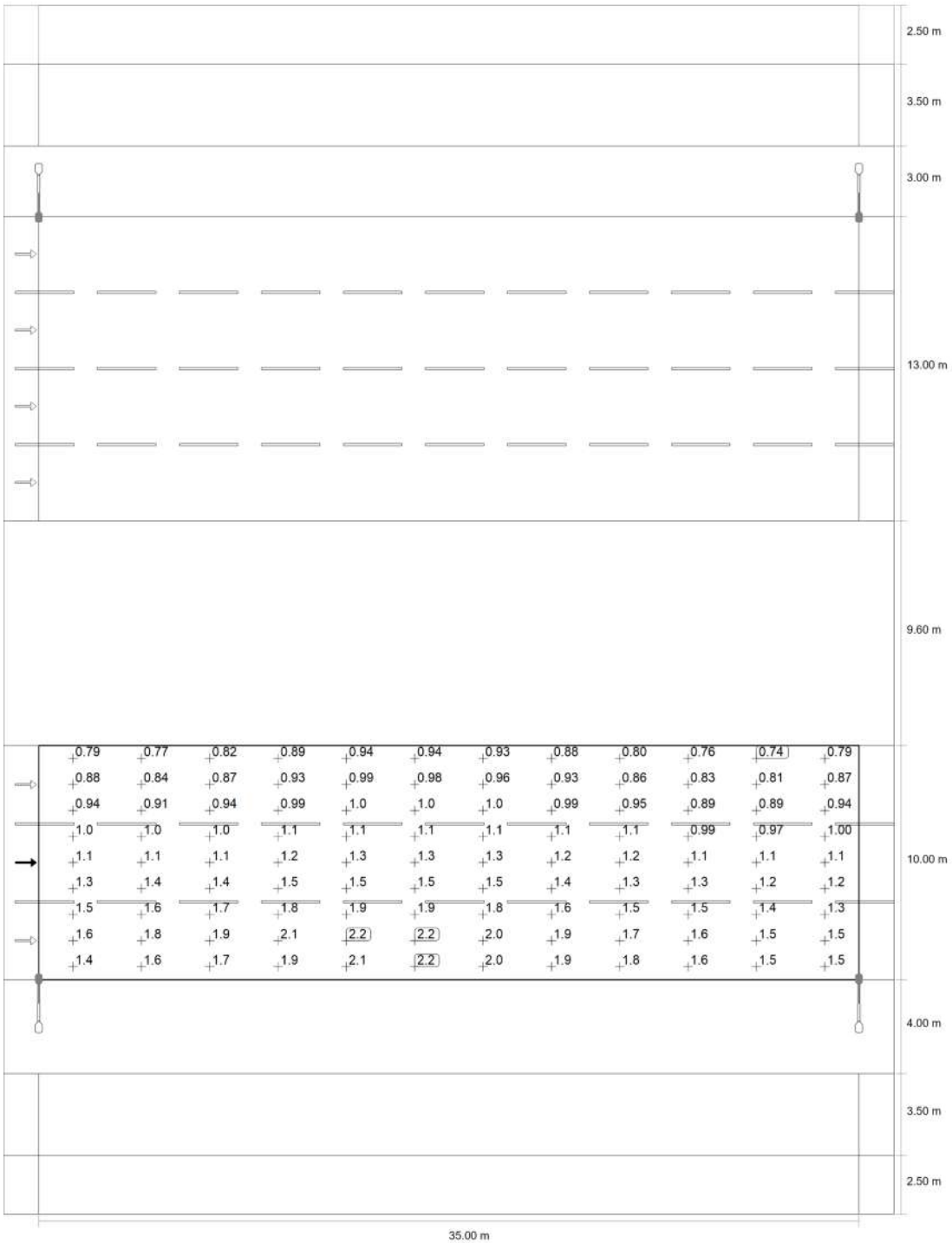
Taikos pr. prie Baltijos žiedo (M3)



Observer 2: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

Taikos pr. prie Baltijos žiedo

Taikos pr. prie Baltijos žiedo (M3)



Observer 2: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

Taikos pr. prie Baltijos žiedo

Taikos pr. prie Baltijos žiedo (M3)

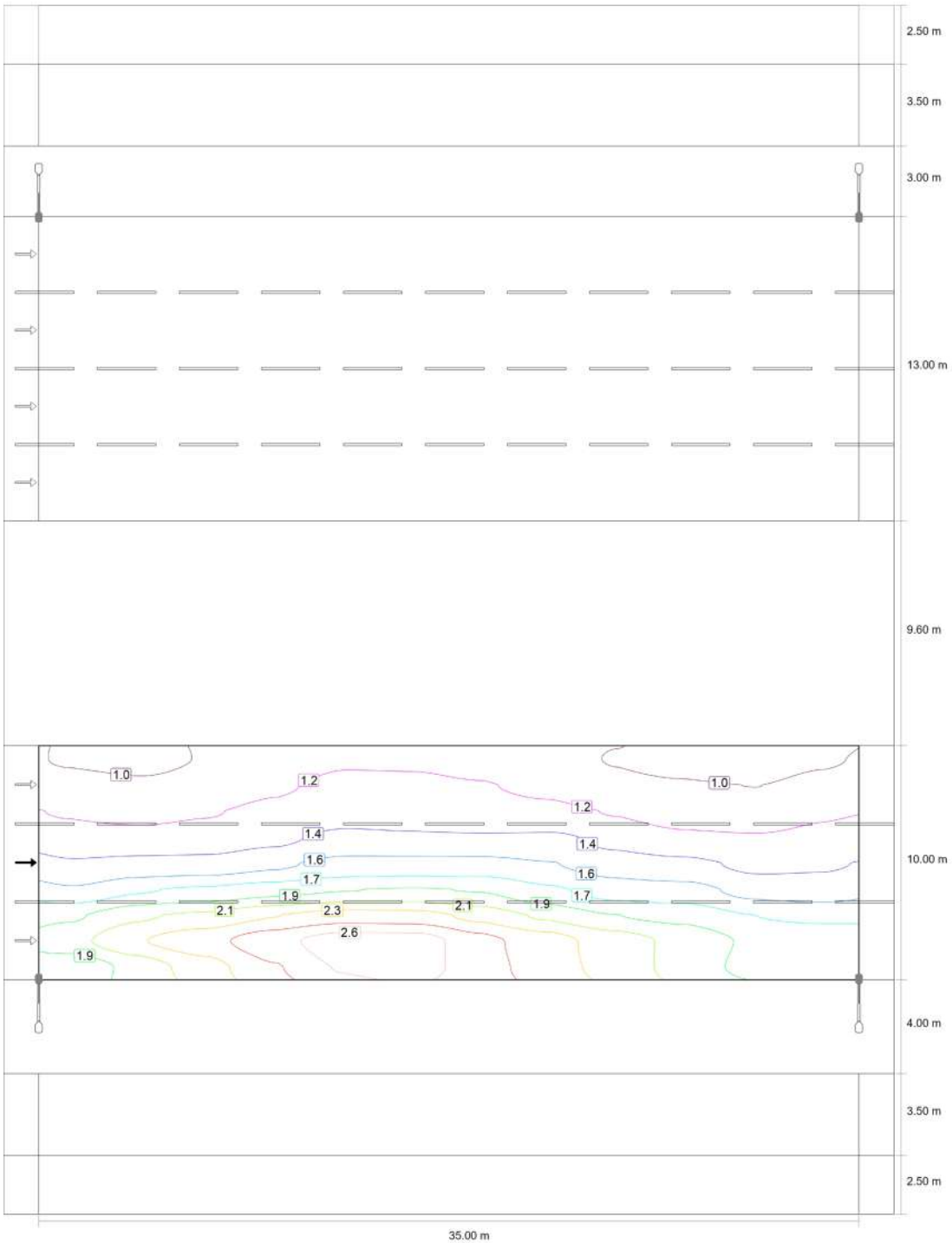
m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
19.444	0.79	0.77	0.82	0.89	0.94	0.94	0.93	0.88	0.80	0.76	0.74	0.79
18.333	0.88	0.84	0.87	0.93	0.99	0.98	0.96	0.93	0.86	0.83	0.81	0.87
17.222	0.94	0.91	0.94	0.99	1.03	1.03	1.01	0.99	0.95	0.89	0.89	0.94
16.111	1.02	1.01	1.03	1.07	1.14	1.13	1.12	1.12	1.05	0.99	0.97	1.00
15.000	1.12	1.15	1.15	1.21	1.29	1.30	1.29	1.25	1.17	1.14	1.07	1.08
13.889	1.26	1.37	1.41	1.47	1.52	1.54	1.52	1.41	1.32	1.30	1.19	1.17
12.778	1.51	1.65	1.71	1.81	1.89	1.88	1.77	1.64	1.53	1.48	1.38	1.35
11.667	1.62	1.80	1.91	2.05	2.17	2.17	2.01	1.88	1.75	1.63	1.50	1.49
10.556	1.44	1.58	1.75	1.94	2.12	2.15	2.03	1.88	1.77	1.61	1.49	1.47

Observer 2: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 2: Maintenance value, luminance with dry roadway	1.28 cd/m²	0.74 cd/m²	2.17 cd/m²	0.58	0.34

Taikos pr. prie Baltijos žiedo

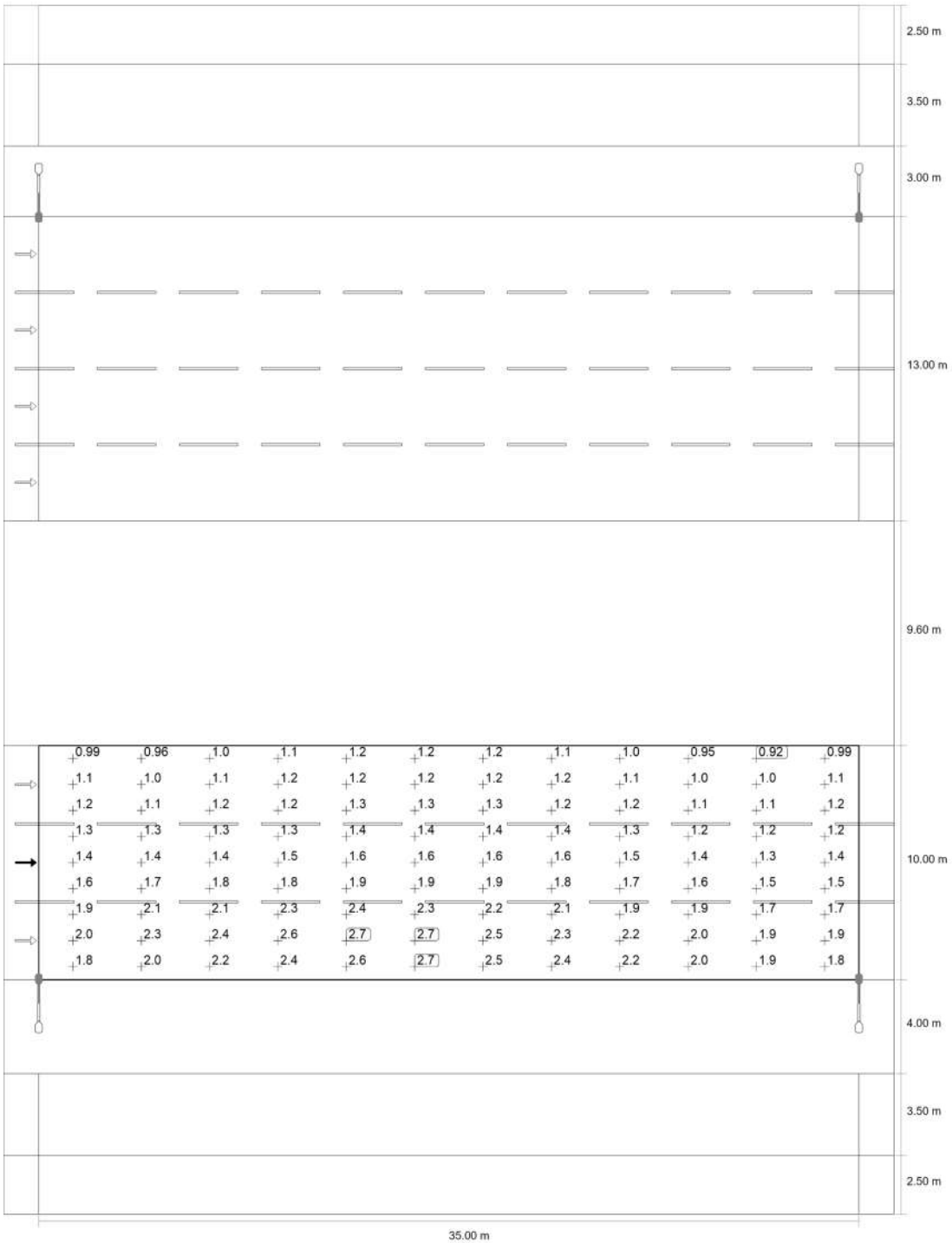
Taikos pr. prie Baltijos žiedo (M3)



Observer 2: Luminance with new installation [cd/m²] (Iso-illuminance curves)

Taikos pr. prie Baltijos žiedo

Taikos pr. prie Baltijos žiedo (M3)



Observer 2: Luminance with new installation [cd/m²] (Value grid)

Taikos pr. prie Baltijos žiedo

Taikos pr. prie Baltijos žiedo (M3)

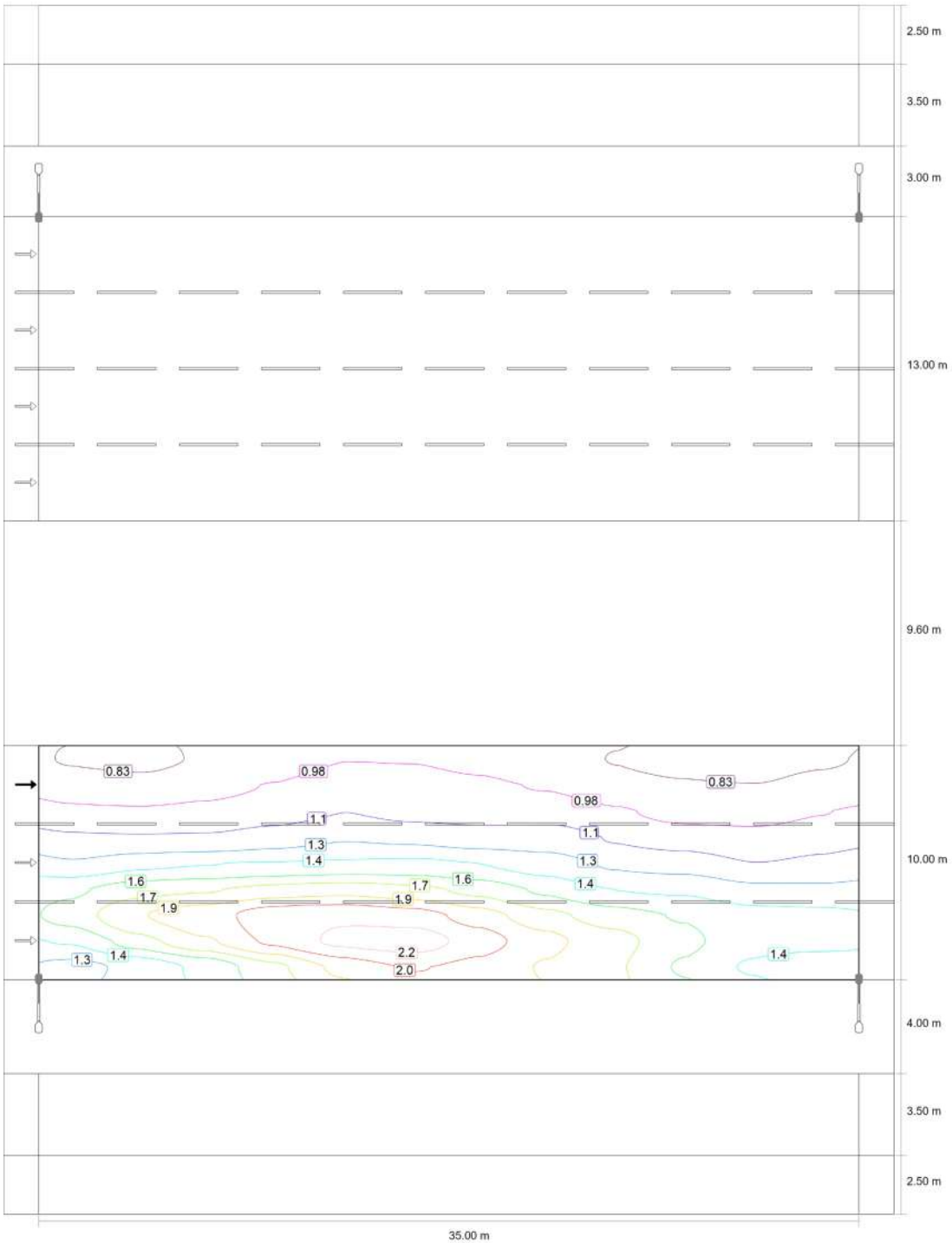
m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
19.444	0.99	0.96	1.02	1.12	1.18	1.18	1.16	1.10	1.00	0.95	0.92	0.99
18.333	1.09	1.05	1.09	1.17	1.23	1.22	1.20	1.16	1.07	1.03	1.01	1.08
17.222	1.18	1.14	1.18	1.24	1.29	1.28	1.27	1.24	1.18	1.11	1.11	1.17
16.111	1.27	1.27	1.29	1.33	1.43	1.41	1.40	1.40	1.31	1.24	1.21	1.24
15.000	1.40	1.43	1.44	1.51	1.62	1.62	1.62	1.56	1.47	1.42	1.33	1.35
13.889	1.58	1.71	1.76	1.84	1.90	1.92	1.90	1.77	1.65	1.62	1.48	1.46
12.778	1.88	2.06	2.13	2.26	2.36	2.35	2.21	2.06	1.91	1.85	1.73	1.68
11.667	2.02	2.25	2.39	2.56	2.72	2.71	2.51	2.35	2.18	2.04	1.88	1.87
10.556	1.79	1.97	2.19	2.43	2.65	2.69	2.54	2.35	2.21	2.01	1.87	1.84

Observer 2: Luminance with new installation [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 2: Luminance with new installation	1.60 cd/m²	0.92 cd/m²	2.72 cd/m²	0.58	0.34

Taikos pr. prie Baltijos žiedo

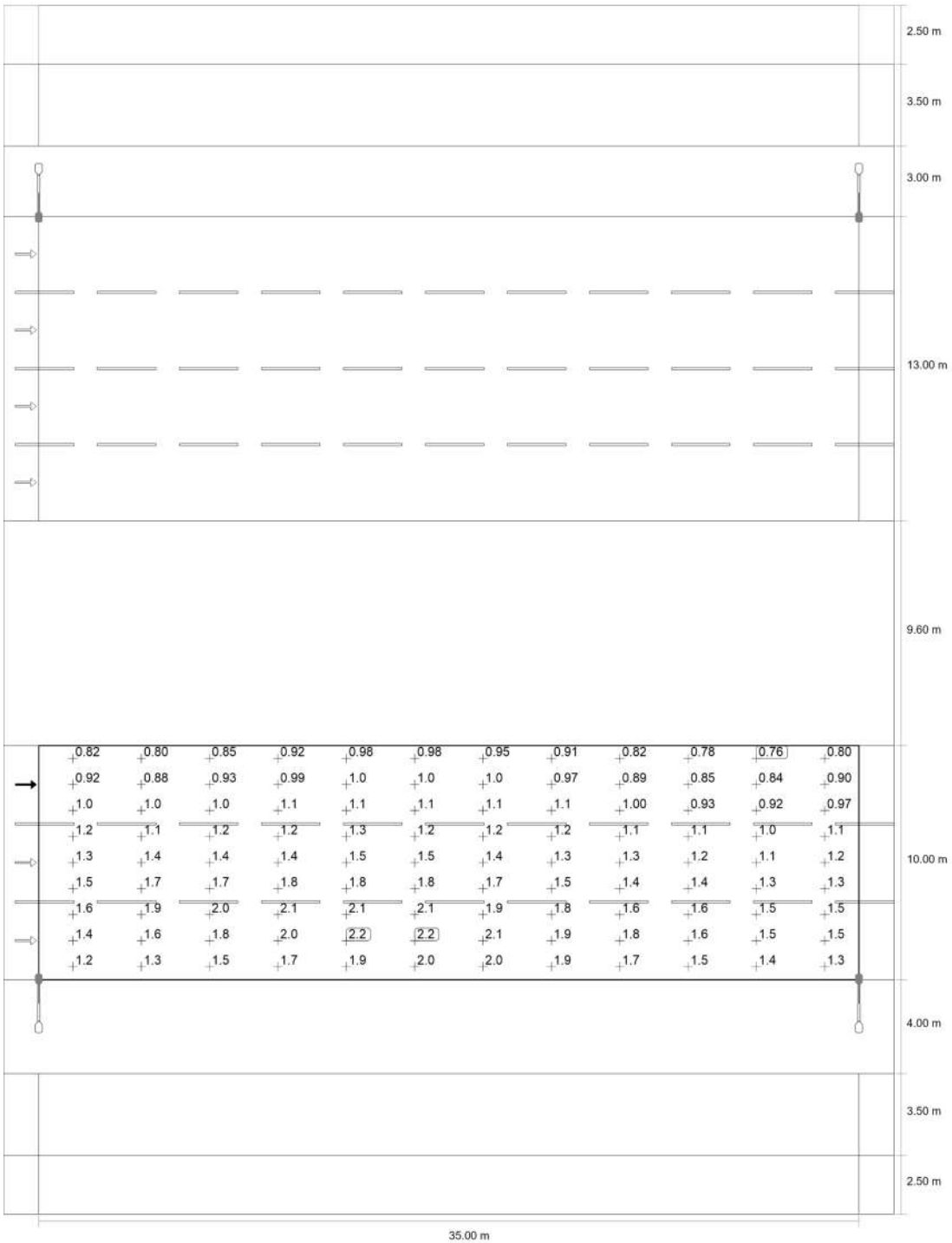
Taikos pr. prie Baltijos žiedo (M3)



Observer 3: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

Taikos pr. prie Baltijos žiedo

Taikos pr. prie Baltijos žiedo (M3)



Observer 3: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

Taikos pr. prie Baltijos žiedo

Taikos pr. prie Baltijos žiedo (M3)

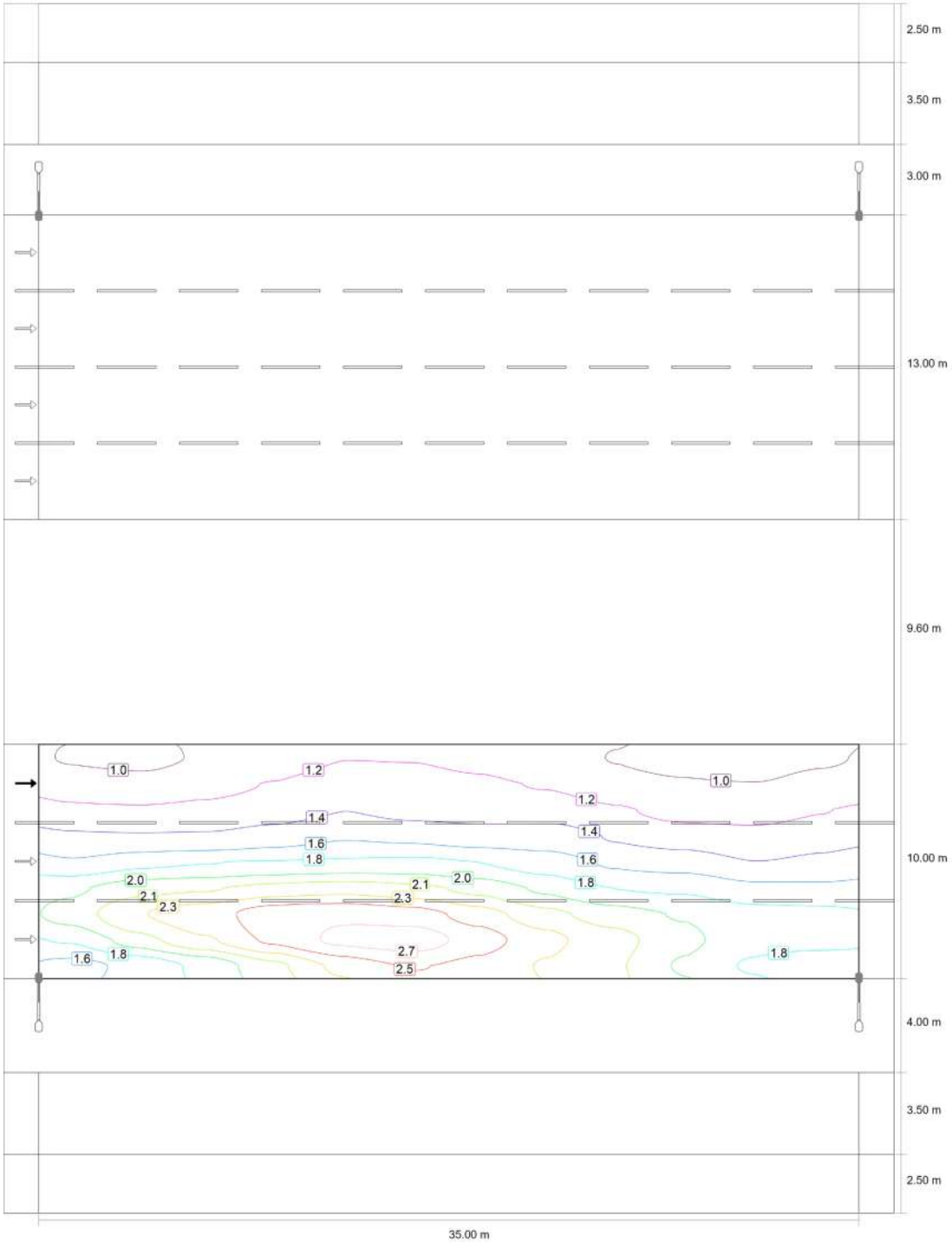
m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
19.444	0.82	0.80	0.85	0.92	0.98	0.98	0.95	0.91	0.82	0.78	0.76	0.80
18.333	0.92	0.88	0.93	0.99	1.03	1.02	1.00	0.97	0.89	0.85	0.84	0.90
17.222	1.01	1.01	1.03	1.06	1.13	1.08	1.07	1.07	1.00	0.93	0.92	0.97
16.111	1.16	1.15	1.15	1.21	1.26	1.24	1.20	1.20	1.11	1.06	1.03	1.08
15.000	1.30	1.38	1.42	1.43	1.45	1.47	1.42	1.35	1.25	1.22	1.13	1.17
13.889	1.54	1.66	1.70	1.78	1.82	1.77	1.68	1.54	1.42	1.40	1.32	1.31
12.778	1.63	1.85	1.95	2.09	2.14	2.09	1.94	1.77	1.64	1.56	1.47	1.46
11.667	1.44	1.65	1.84	2.05	2.20	2.24	2.09	1.91	1.77	1.61	1.48	1.47
10.556	1.23	1.32	1.46	1.68	1.91	2.02	1.96	1.85	1.74	1.55	1.40	1.35

Observer 3: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 3: Maintenance value, luminance with dry roadway	1.35 cd/m²	0.76 cd/m²	2.24 cd/m²	0.56	0.34

Taikos pr. prie Baltijos žiedo

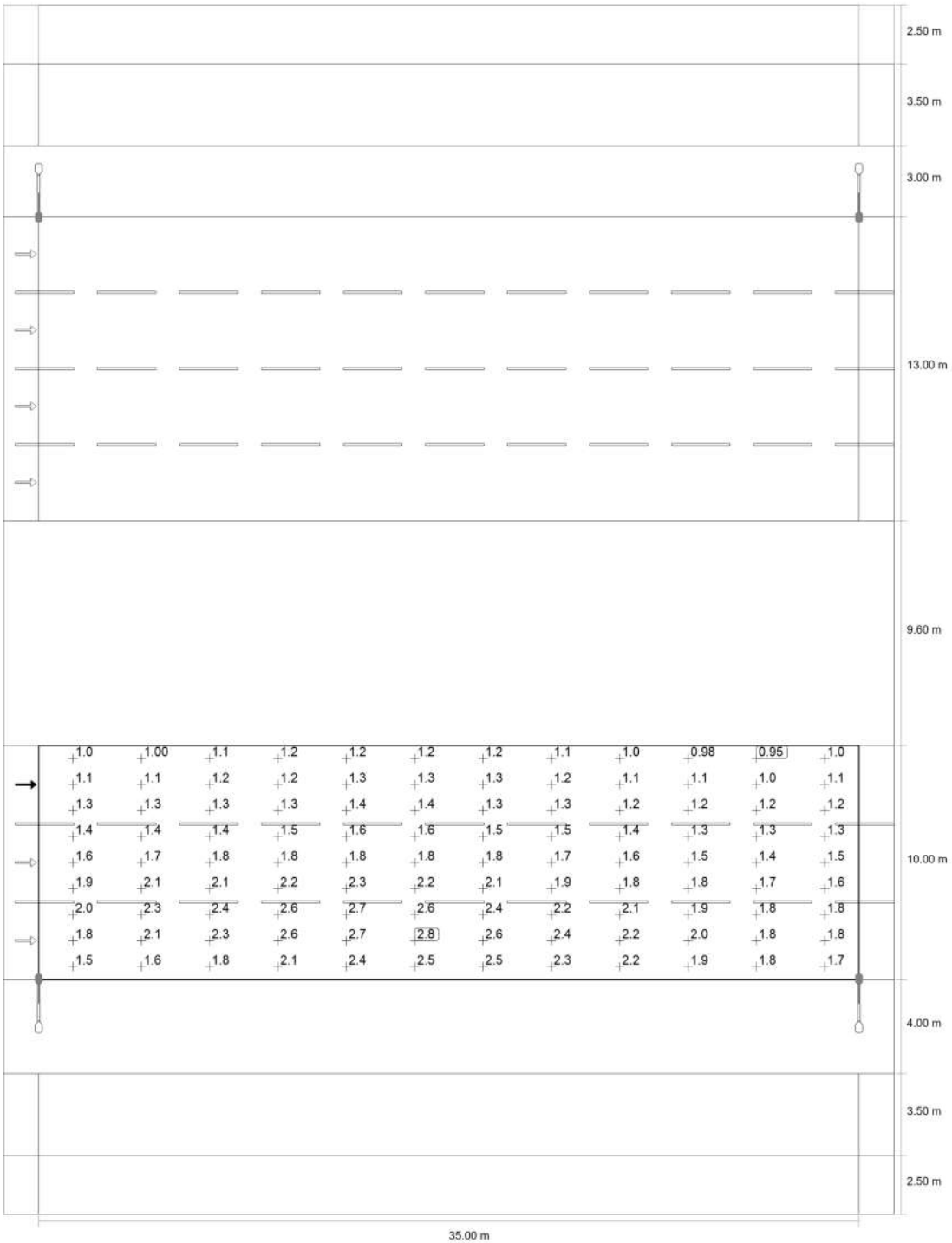
Taikos pr. prie Baltijos žiedo (M3)



Observer 3: Luminance with new installation [cd/m²] (Iso-illuminance curves)

Taikos pr. prie Baltijos žiedo

Taikos pr. prie Baltijos žiedo (M3)



Observer 3: Luminance with new installation [cd/m²] (Value grid)

Taikos pr. prie Baltijos žiedo

Taikos pr. prie Baltijos žiedo (M3)

m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
19.444	1.02	1.00	1.06	1.16	1.22	1.22	1.19	1.13	1.03	0.98	0.95	1.00
18.333	1.15	1.10	1.16	1.23	1.29	1.28	1.25	1.21	1.12	1.06	1.04	1.12
17.222	1.27	1.26	1.29	1.33	1.41	1.36	1.34	1.34	1.25	1.17	1.16	1.22
16.111	1.44	1.43	1.44	1.51	1.58	1.55	1.50	1.51	1.39	1.32	1.29	1.34
15.000	1.63	1.73	1.77	1.79	1.82	1.84	1.78	1.69	1.57	1.52	1.41	1.46
13.889	1.93	2.08	2.13	2.22	2.27	2.21	2.09	1.92	1.78	1.75	1.65	1.64
12.778	2.04	2.32	2.44	2.62	2.67	2.62	2.42	2.21	2.05	1.95	1.84	1.82
11.667	1.79	2.06	2.30	2.56	2.75	2.80	2.61	2.39	2.22	2.02	1.84	1.83
10.556	1.54	1.65	1.83	2.10	2.38	2.53	2.46	2.32	2.17	1.94	1.75	1.69

Observer 3: Luminance with new installation [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 3: Luminance with new installation	1.68 cd/m²	0.95 cd/m²	2.80 cd/m²	0.56	0.34

Taikos pr. prie Baltijos žiedo

Bicycle lane (P3)

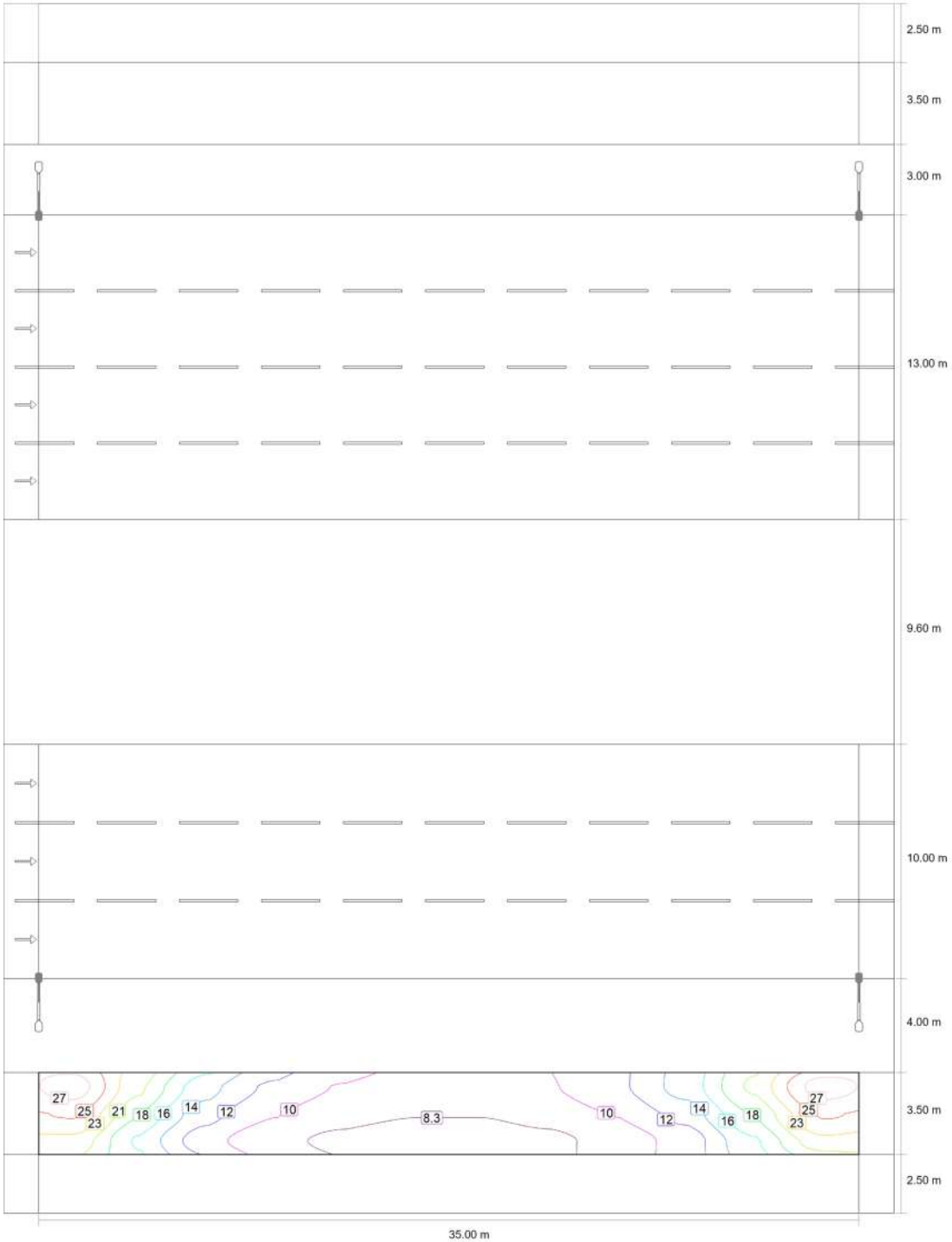
Results for valuation field

	Symbol	Calculated	Target	Check
Bicycle lane (P3)	E_{av}	14.03 lx	[7.50 - 11.25] lx	✓
	E_{min}	7.23 lx	≥ 1.50 lx	✓

DIALux

Taikos pr. prie Baltijos žiedo

Bicycle lane (P3)

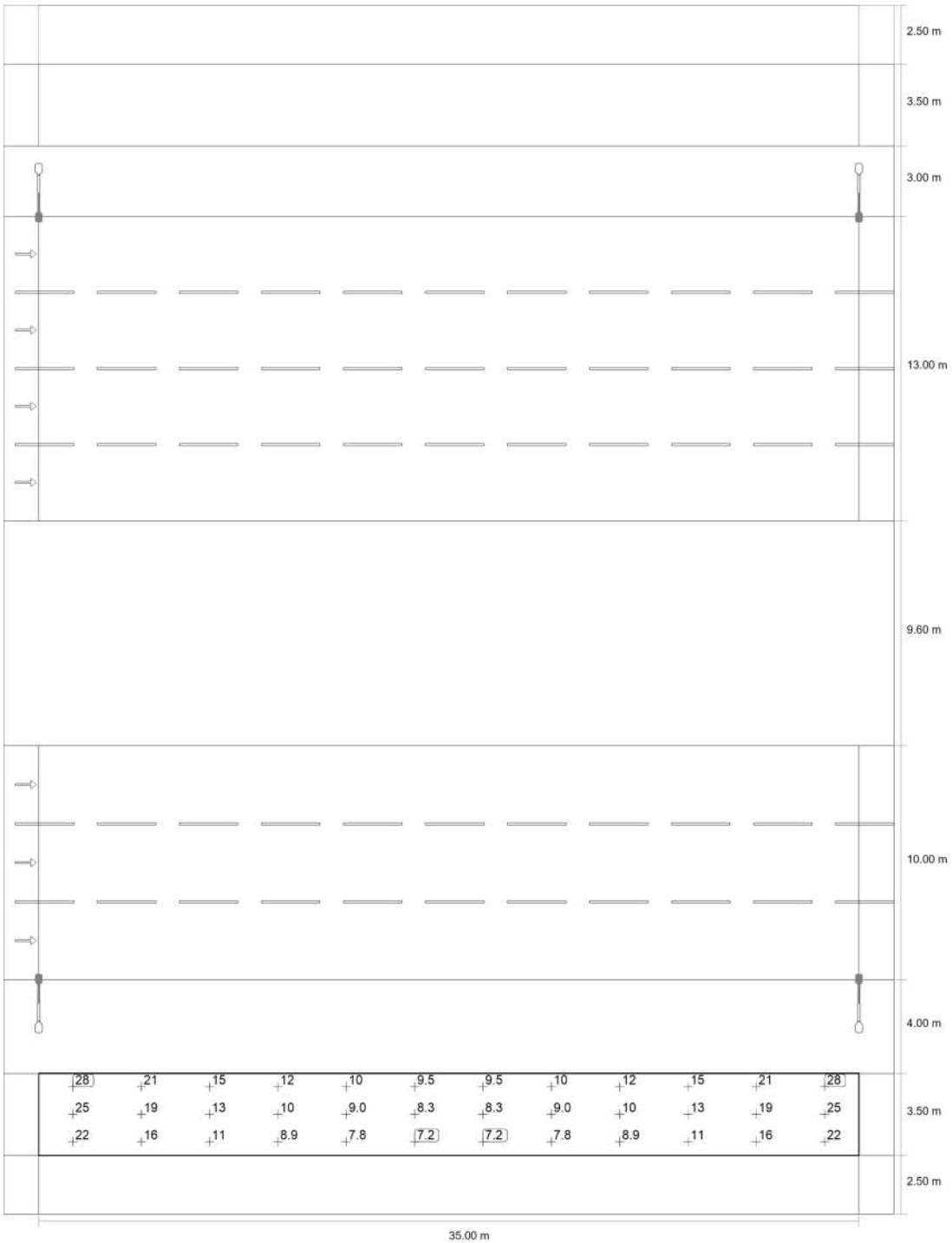


Maintenance value, horizontal illuminance [lx] (Iso-illuminance curves)

DIALux

Taikos pr. prie Baltijos žiedo

Bicycle lane (P3)



Maintenance value, horizontal illuminance [lx] (Value grid)

Taikos pr. prie Baltijos žiedo

Sidewalk (P3)

Results for valuation field

	Symbol	Calculated	Target	Check
Sidewalk (P3)	E_{av}	9.48 lx	[7.50 - 11.25] lx	✓
	E_{min}	5.00 lx	≥ 1.50 lx	✓

Taikos pr. prie Baltijos žiedo

Bicycle lane (P3)

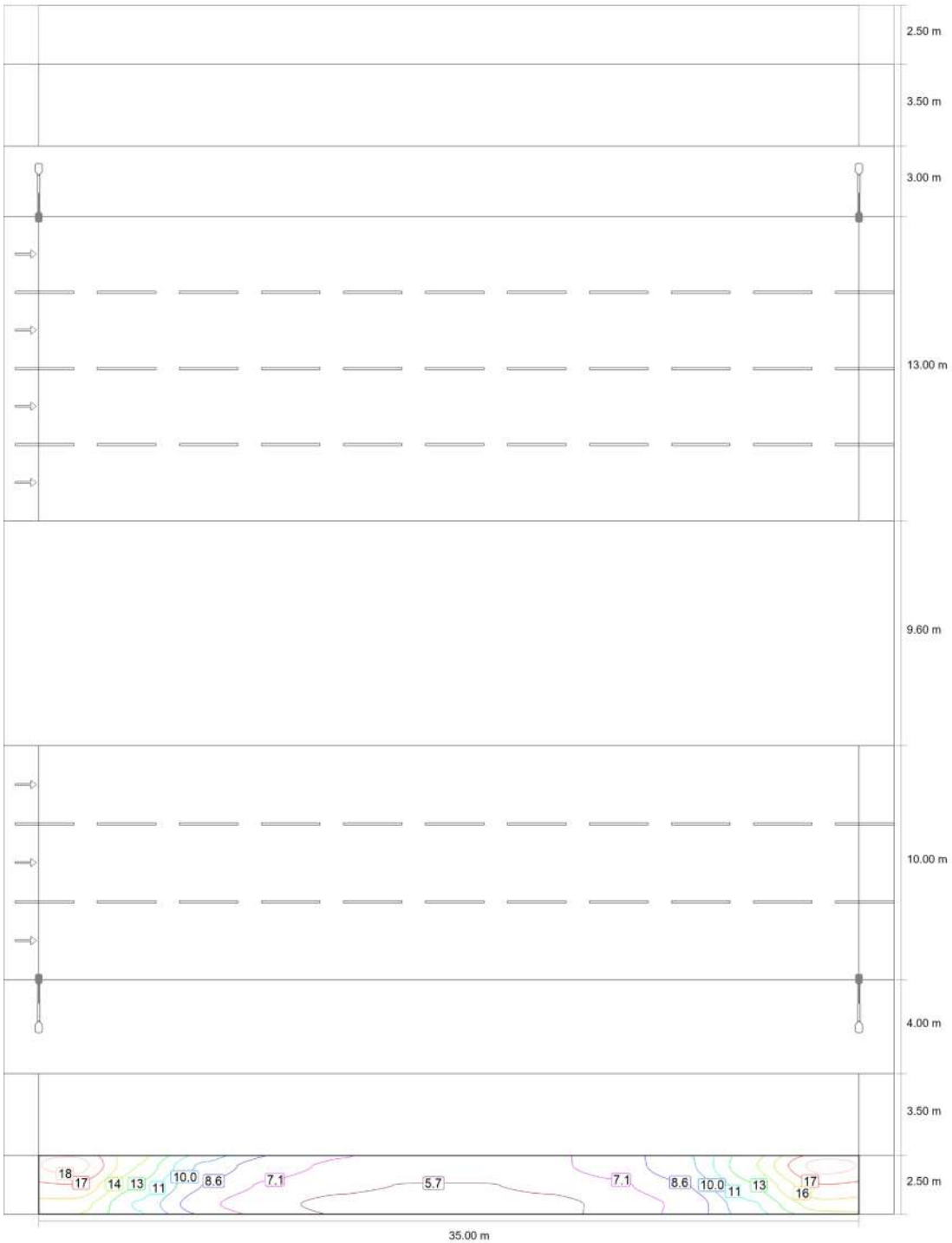
m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
5.417	27.68	20.93	15.15	11.91	10.15	9.51	9.51	10.15	11.91	15.15	20.93	27.68
4.250	24.82	18.55	13.13	10.39	8.96	8.33	8.33	8.96	10.39	13.13	18.55	24.82
3.083	21.79	16.13	11.12	8.91	7.80	7.23	7.23	7.80	8.91	11.12	16.13	21.79

Maintenance value, horizontal illuminance [lx] (Value chart)

	E_{av}	E_{min}	E_{max}	U_o (g_1)	g_2
Maintenance value, horizontal illuminance	14.0 lx	7.23 lx	27.7 lx	0.52	0.26

Taikos pr. prie Baltijos žiedo

Sidewalk (P3)

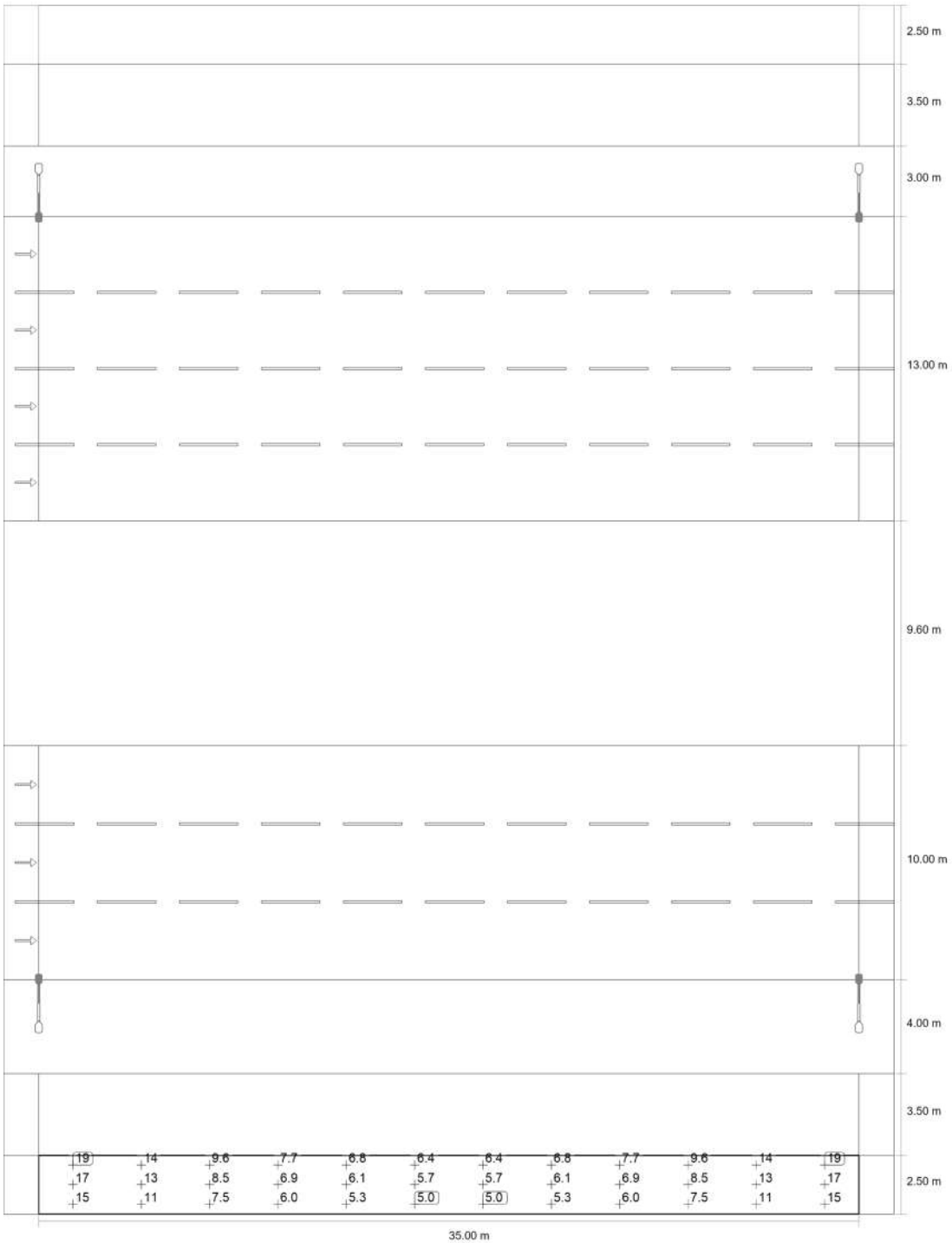


Maintenance value, horizontal illuminance [lx] (Iso-illuminance curves)

DIALux

Taikos pr. prie Baltijos žiedo

Sidewalk (P3)



Maintenance value, horizontal illuminance [lx] (Value grid)

Taikos pr. prie Baltijos žiedo

Sidewalk (P3)

m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
2.083	19.20	14.17	9.59	7.74	6.84	6.37	6.37	6.84	7.74	9.59	14.17	19.20
1.250	17.02	12.66	8.46	6.85	6.05	5.66	5.66	6.05	6.85	8.46	12.66	17.02
0.417	14.99	11.21	7.46	6.04	5.32	5.00	5.00	5.32	6.04	7.46	11.21	14.99

Maintenance value, horizontal illuminance [lx] (Value chart)

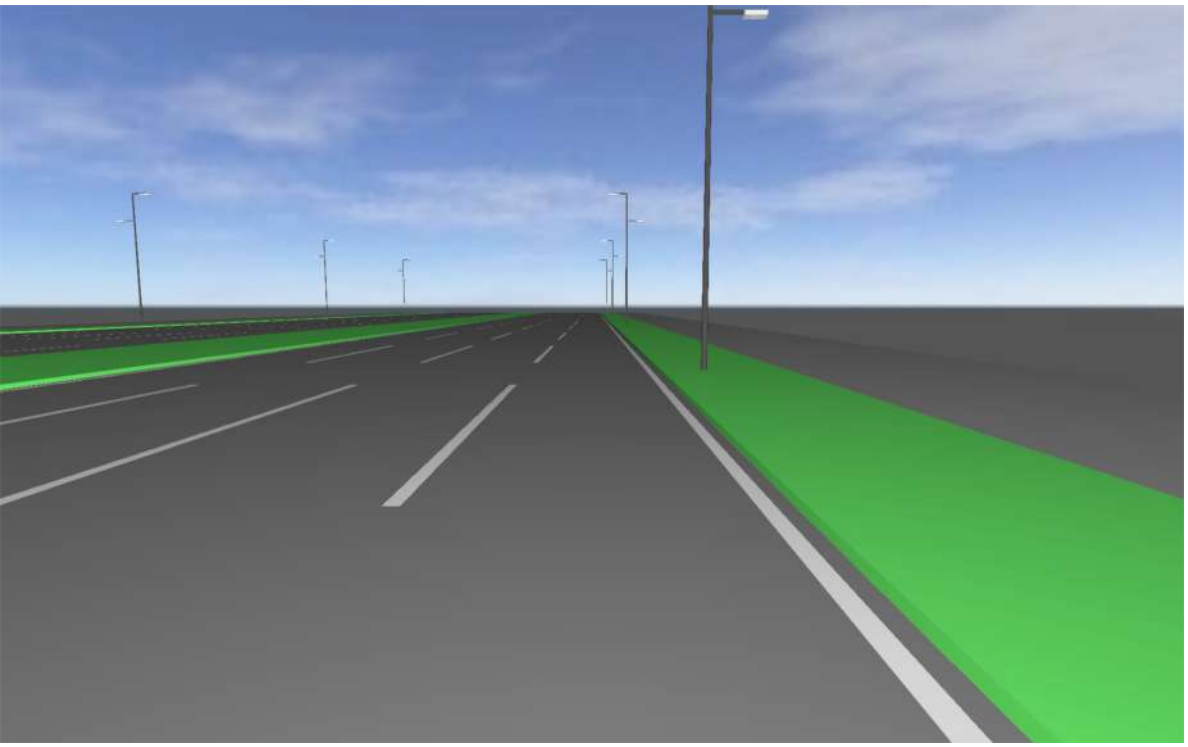
	E_{av}	E_{min}	E_{max}	U_o (g_1)	g_2
Maintenance value, horizontal illuminance	9.48 lx	5.00 lx	19.2 lx	0.53	0.26

Date 2024-05-28

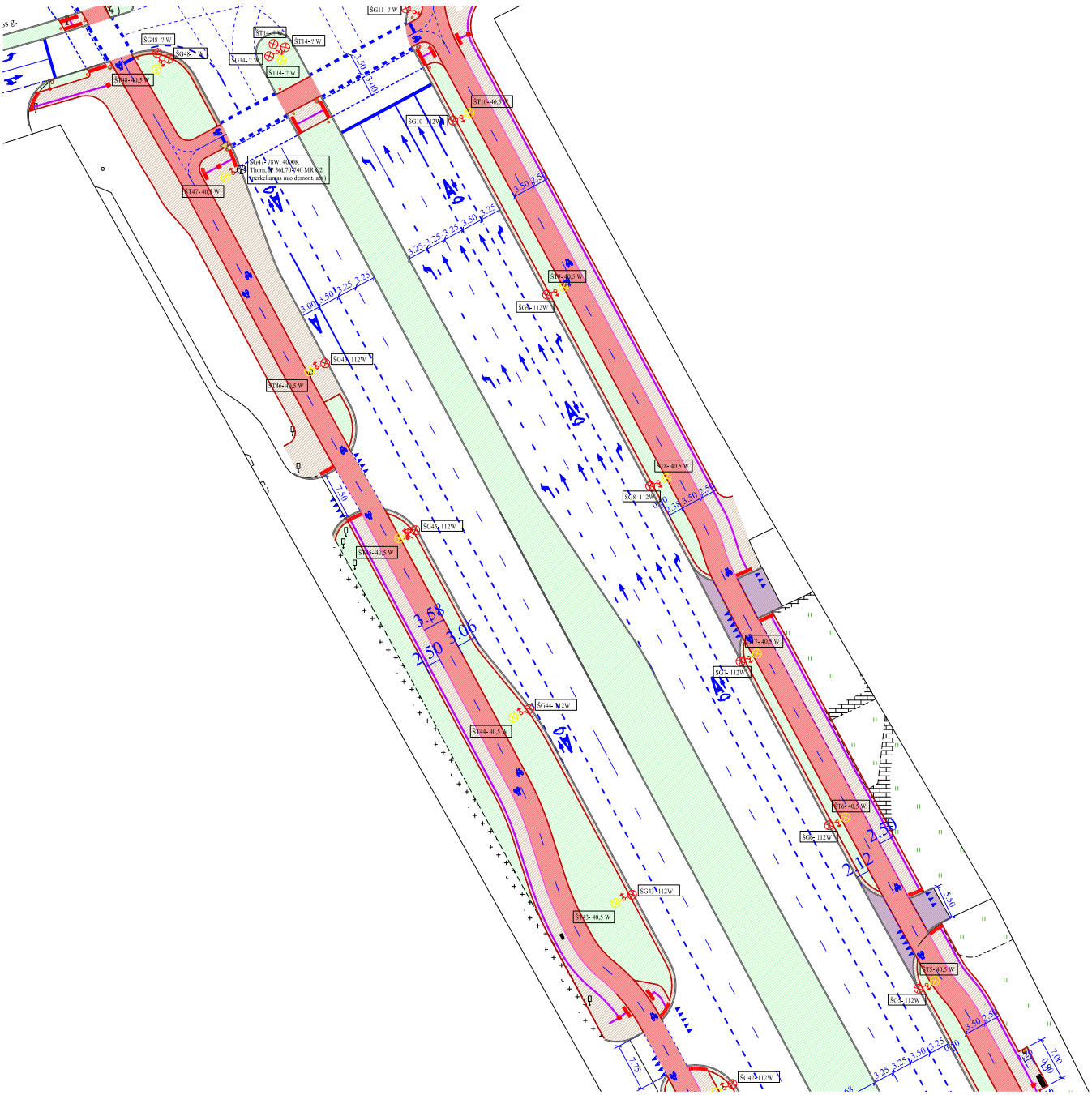
DIALux

Taikos pr. praplatėjimas ties Dubysos g.

Created with DIALux



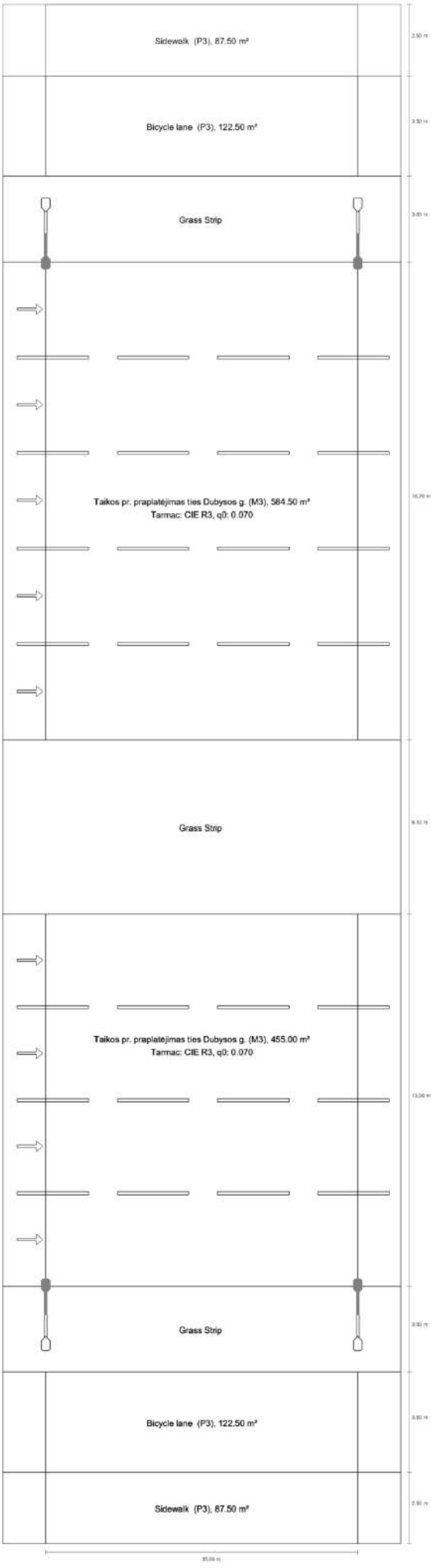



SG11- 7 W
ST14- 7 W
SG48- 7 W
SG46- 7 W
SG14- 7 W
ST14- 7 W
ST48- 40,5 W
ST106-40,5 W
SG16- 112W
SG47 78W, 40/60K
Tiltas, W 30L/70K40 MR C2
(perkeliamas nuo dement. zz.)
ST47- 40,5 W
ST76- 40,5 W
SG6- 112W
SG46- 112W
ST46- 40,5 W
ST3- 40,5 W
SG3- 112W
SG45- 112W
ST45- 40,5 W
ST7- 40,5 W
SG7- 112W
SG44- 112W
ST44- 40,5 W
ST76- 40,5 W
SG6- 112W
SG43- 112W
ST43- 40,5 W
ST5- 40,5 W
SG5- 112W
SG42- 112W
3,58
3,06
2,50
2,12
2,85
5,50
7,00
4,00

Taikos pr. praplatėjimas ties Dubysos g.

Summary (according to EN 13201:2015)

DIALux

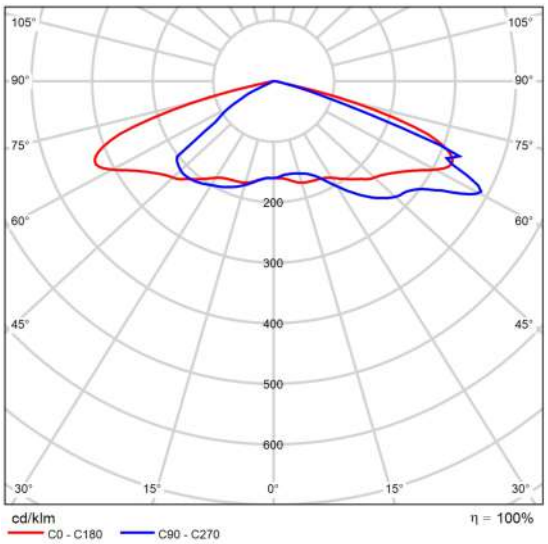


Product data sheet

CARIBONI GROUP - KOINE'-M R4-4K 144W 720mA PB-01

Article No.	01KO3E872016AHM4

P	144.0 W
Φ_{Lamp}	21565 lm
$\Phi_{Luminaire}$	21565 lm
η	100.00 %
Luminous efficacy	149.8 lm/W
CCT	4000 K
CRI	70



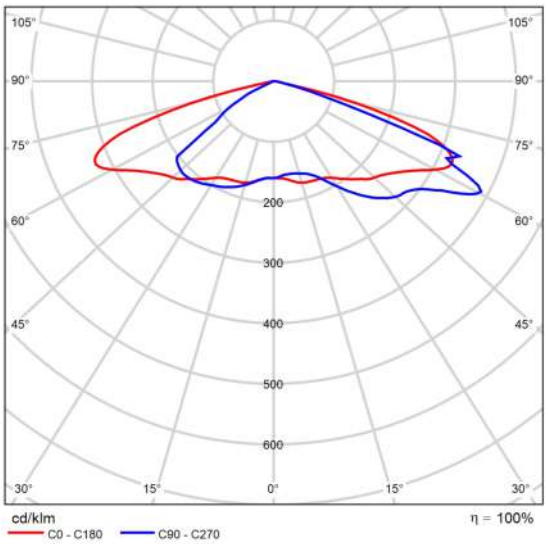
Polar LDC



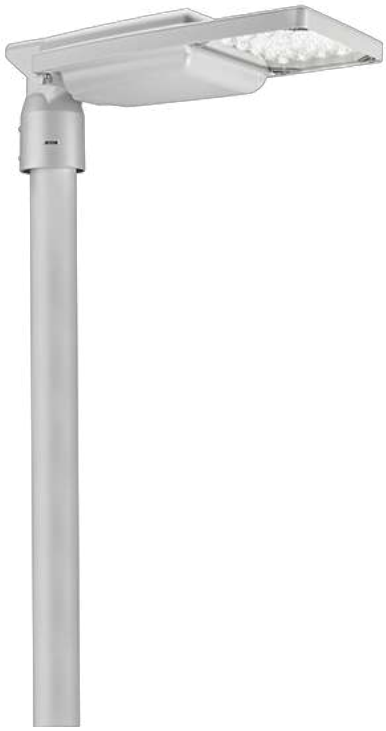
Product data sheet

CARIBONI GROUP - KOINE'-S R1-3K 12W 210mA PB-01

Article No.	01KO1B221916AHM4
P	12.0 W
Φ_{Lamp}	1670 lm
$\Phi_{Luminaire}$	1670 lm
η	100.00 %
Luminous efficacy	139.2 lm/W
CCT	3000 K
CRI	70

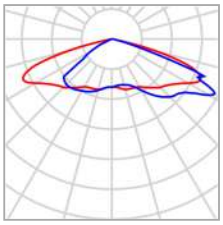


Polar LDC



Taikos pr. praplatėjimas ties Dubysos g.

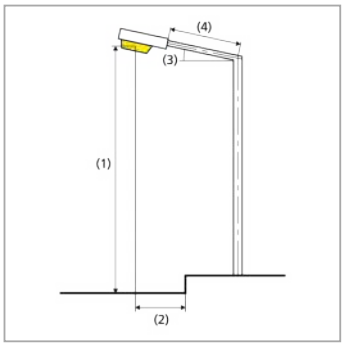
Summary (according to EN 13201:2015)





Manufacturer	CARIBONI GROUP	P	144.0 W
Article No.	01KO3E872016AHM4	Φ_{Lamp}	21565 lm
Article name	KOINE'-M R4-4K 144W 720mA PB-01	$\Phi_{Luminaire}$	21565 lm
		η	100.00 %
Fitting	1x LED R4 4K D540		

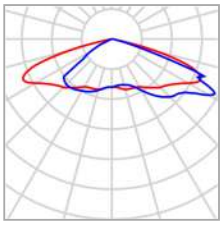
KOINE'-M R4-4K 144W 720mA PB-01 (both sides opposite)



Pole distance	35.000 m
(1) Light spot height	10.000 m
(2) Light point overhang	0.000 m
(3) Boom inclination	0.0°
(4) Boom length	1.000 m
Annual operating hours	4000 h: 100.0 %, 144.0 W
Wattage / route	8352.0 W/km
ULR / ULOR	0.00 / 0.00
Max. luminous intensities Any direction forming the specified angle from the downward vertical, with the luminaire installed for use.	≥ 70°: 462 cd/klm ≥ 80°: 42.0 cd/klm ≥ 90°: 0.00 cd/klm
Luminous intensity class The luminous intensity values in [cd/klm] for calculation of the luminous intensity class refer to the luminaire luminous flux according to EN 13201:2015.	G*4
Glare index class	D.3
MF	0.80

Taikos pr. praplatėjimas ties Dubysos g.

Summary (according to EN 13201:2015)

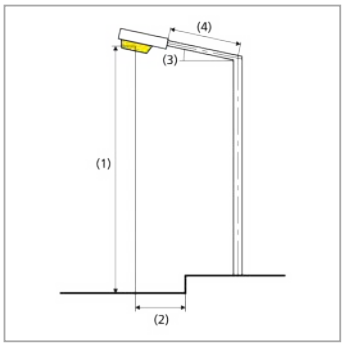




Manufacturer	CARIBONI GROUP
Article No.	01KO1B221916AHM4
Article name	KOINE'-S R1-3K 12W 210mA PB-01
Fitting	1x LED R1 3K D210

P	12.0 W
Φ_{Lamp}	1670 lm
$\Phi_{Luminaire}$	1670 lm
η	100.00 %

KOINE'-S R1-3K 12W 210mA PB-01 (both sides opposite)



Pole distance	35.000 m
(1) Light spot height	8.000 m
(2) Light point overhang	0.000 m
(3) Boom inclination	0.0°
(4) Boom length	1.000 m
Annual operating hours	4000 h: 100.0 %, 12.0 W
Wattage / route	696.0 W/km
ULR / ULOR	0.00 / 0.00
Max. luminous intensities Any direction forming the specified angle from the downward vertical, with the luminaire installed for use.	≥ 70°: 462 cd/klm ≥ 80°: 42.0 cd/klm ≥ 90°: 0.00 cd/klm
Luminous intensity class The luminous intensity values in [cd/klm] for calculation of the luminous intensity class refer to the luminaire luminous flux according to EN 13201:2015.	G*4
Glare index class	D.6
MF	0.80

DIALux

Taikos pr. praplatėjimas ties Dubysos g.

Summary (according to EN 13201:2015)

Results for valuation fields

A maintenance factor of 0.80 was used for calculating for the installation.

	Symbol	Calculated	Target	Check
Sidewalk (P3)	E_{av}	11.57 lx	[7.50 - 11.25] lx	✓
	E_{min}	6.10 lx	≥ 1.50 lx	✓
Bicycle lane (P3)	E_{av}	16.55 lx	[7.50 - 11.25] lx	✓
	E_{min}	8.61 lx	≥ 1.50 lx	✓
Taikos pr. praplatėjimas ties Dubysos g. (M3)	L_{av}	1.05 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.55	≥ 0.40	✓
	U_l	0.71	≥ 0.60	✓
	TI	13 %	≤ 15 %	✓
	R_{EI}	0.95	≥ 0.30	✓
Taikos pr. praplatėjimas ties Dubysos g. (M3)	L_{av}	1.13 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.51	≥ 0.40	✓
	U_l	0.71	≥ 0.60	✓
	TI	12 %	≤ 15 %	✓
	R_{EI}	0.95	≥ 0.30	✓
Bicycle lane (P3)	E_{av}	16.55 lx	[7.50 - 11.25] lx	✓
	E_{min}	8.61 lx	≥ 1.50 lx	✓
Sidewalk (P3)	E_{av}	11.57 lx	[7.50 - 11.25] lx	✓
	E_{min}	6.10 lx	≥ 1.50 lx	✓

Taikos pr. praplatėjimas ties Dubysos g.

Summary (according to EN 13201:2015)

Results for energy efficiency indicators

	Symbol	Calculated	Energy Consumption
Taikos pr. praplatėjimas ties Dubysos g.	D_p	0.000 W/lx*m²	
KOINE'-M R4-4K 144W 720mA PB-01 (both sides opposite)	D_e	0.8 kWh/m² yr	1152.0 kWh/yr
KOINE'-S R1-3K 12W 210mA PB-01 (both sides opposite)	D_e	0.1 kWh/m² yr	96.0 kWh/yr

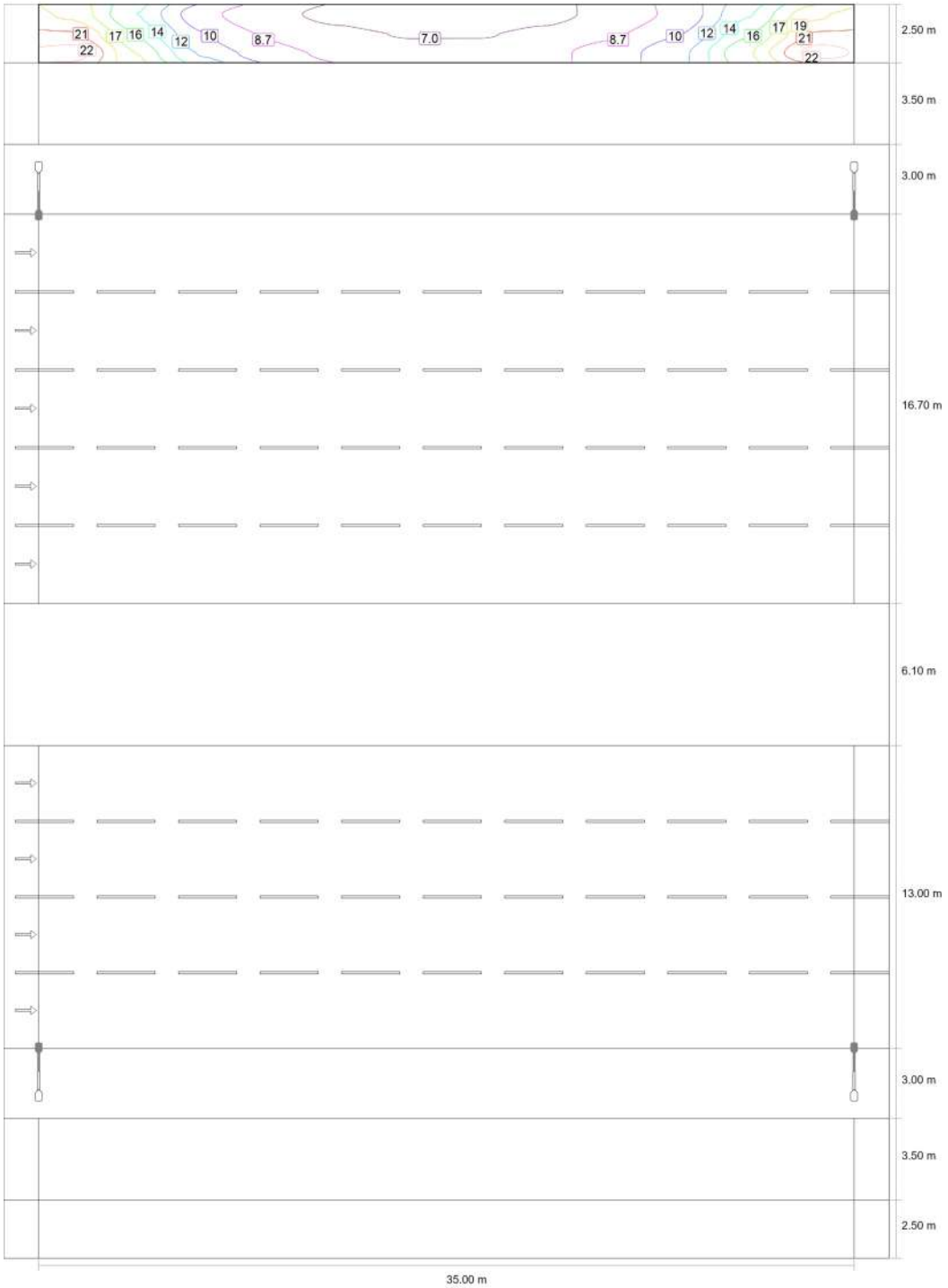
Sidewalk (P3)

Results for valuation field

	Symbol	Calculated	Target	Check
Sidewalk (P3)	E_{av}	11.57 lx	[7.50 - 11.25] lx	✓
	E_{min}	6.10 lx	≥ 1.50 lx	✓

Taikos pr. praplatėjimas ties Dubysos g.

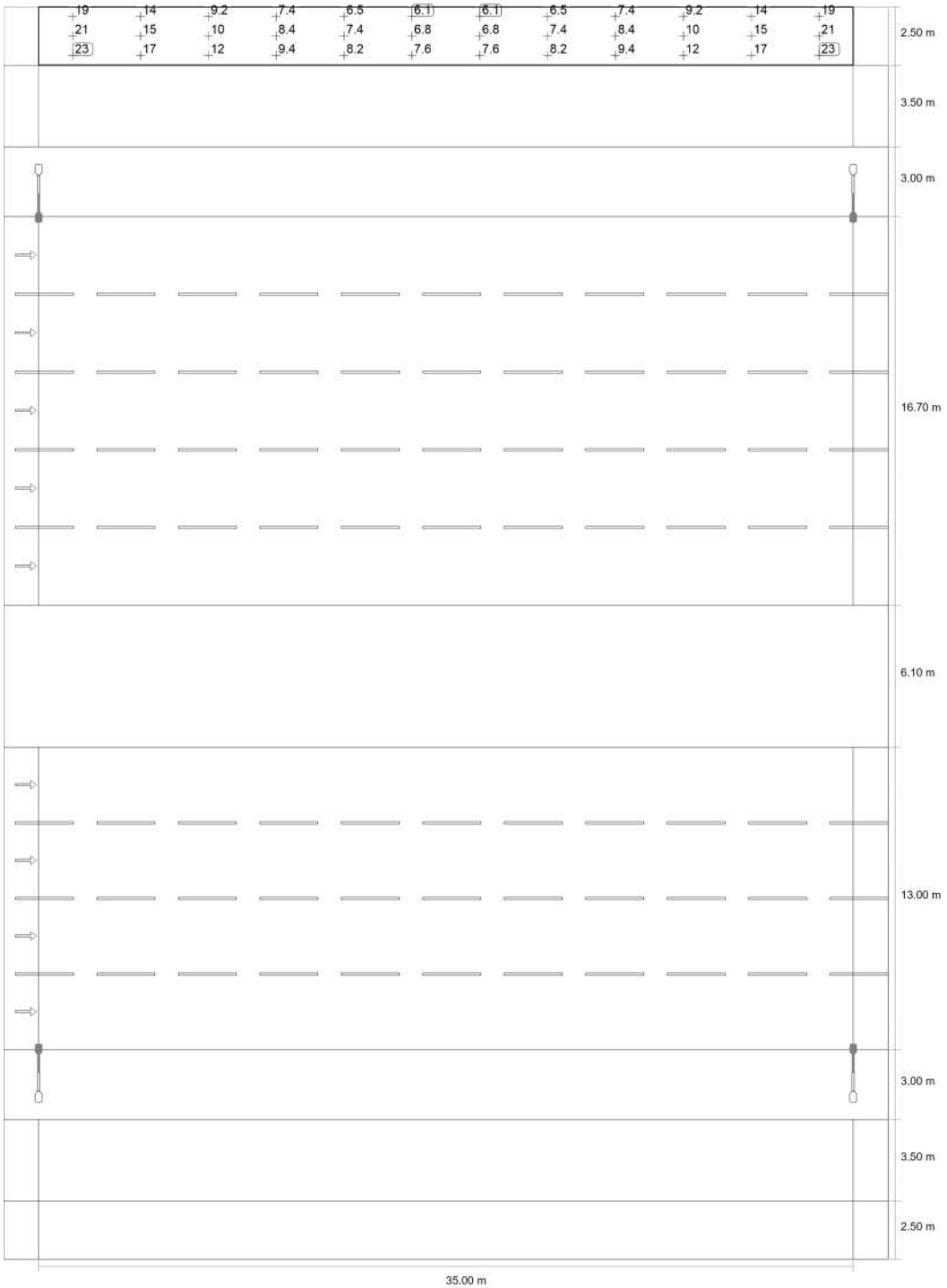
Sidewalk (P3)



Maintenance value, horizontal illuminance [lx] (Iso-illuminance curves)

Taikos pr. praplatėjimas ties Dubysos g.

Sidewalk (P3)



Maintenance value, horizontal illuminance [lx] (Value grid)

Taikos pr. praplatėjimas ties Dubysos g.

Sidewalk (P3)

m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
53.383	18.59	13.77	9.17	7.41	6.53	6.10	6.10	6.53	7.41	9.17	13.77	18.59
52.550	20.91	15.40	10.40	8.38	7.37	6.85	6.85	7.37	8.38	10.40	15.40	20.91
51.717	23.23	17.15	11.78	9.41	8.22	7.62	7.62	8.22	9.41	11.78	17.15	23.23

Maintenance value, horizontal illuminance [lx] (Value chart)

	E_{av}	E_{min}	E_{max}	U_o (g_1)	g_2
Maintenance value, horizontal illuminance	11.6 lx	6.10 lx	23.2 lx	0.53	0.26

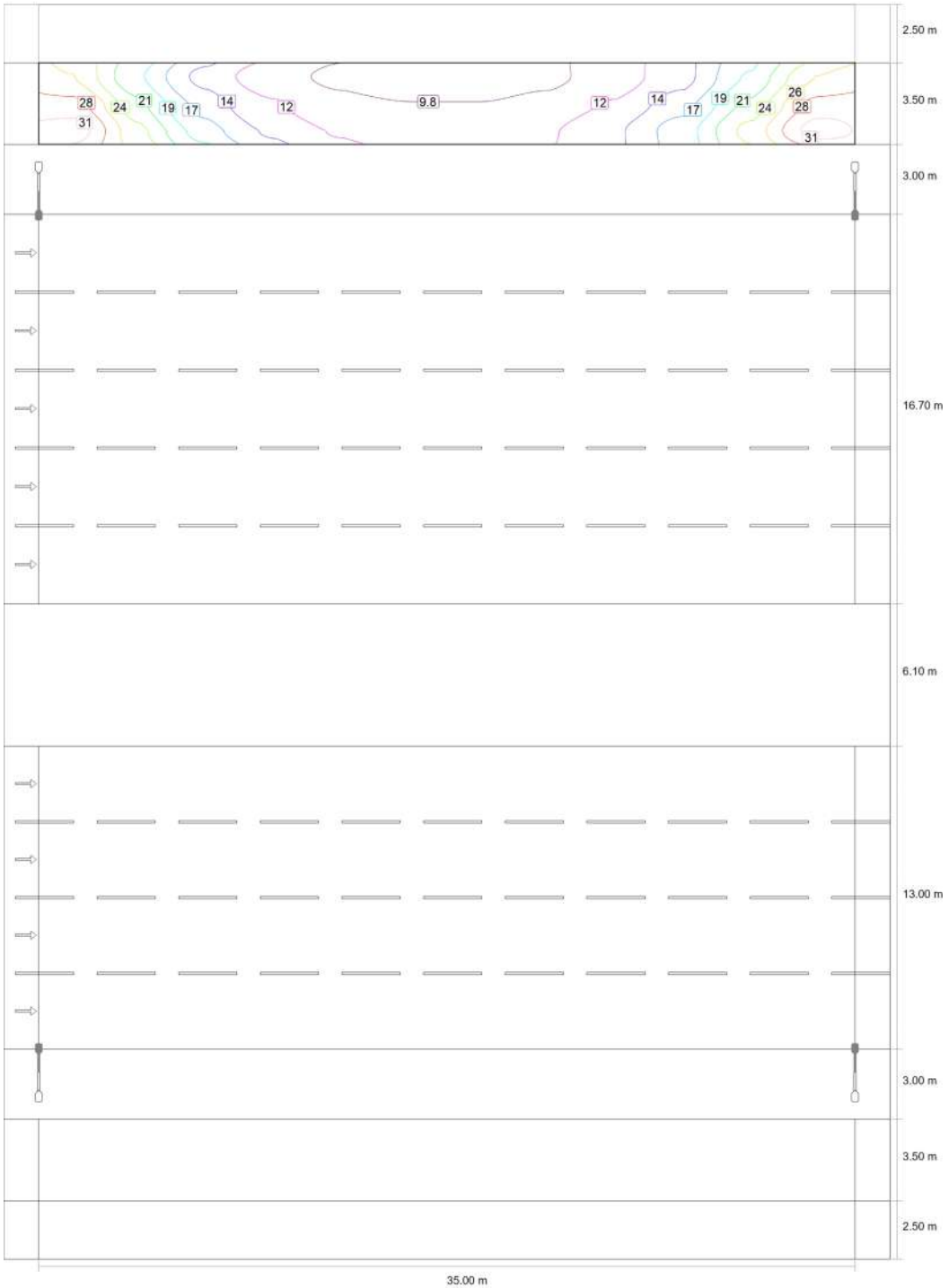
Bicycle lane (P3)

Results for valuation field

	Symbol	Calculated	Target	Check
Bicycle lane (P3)	E_{av}	16.55 lx	[7.50 - 11.25] lx	✓
	E_{min}	8.61 lx	≥ 1.50 lx	✓

Taikos pr. praplatėjimas ties Dubysos g.

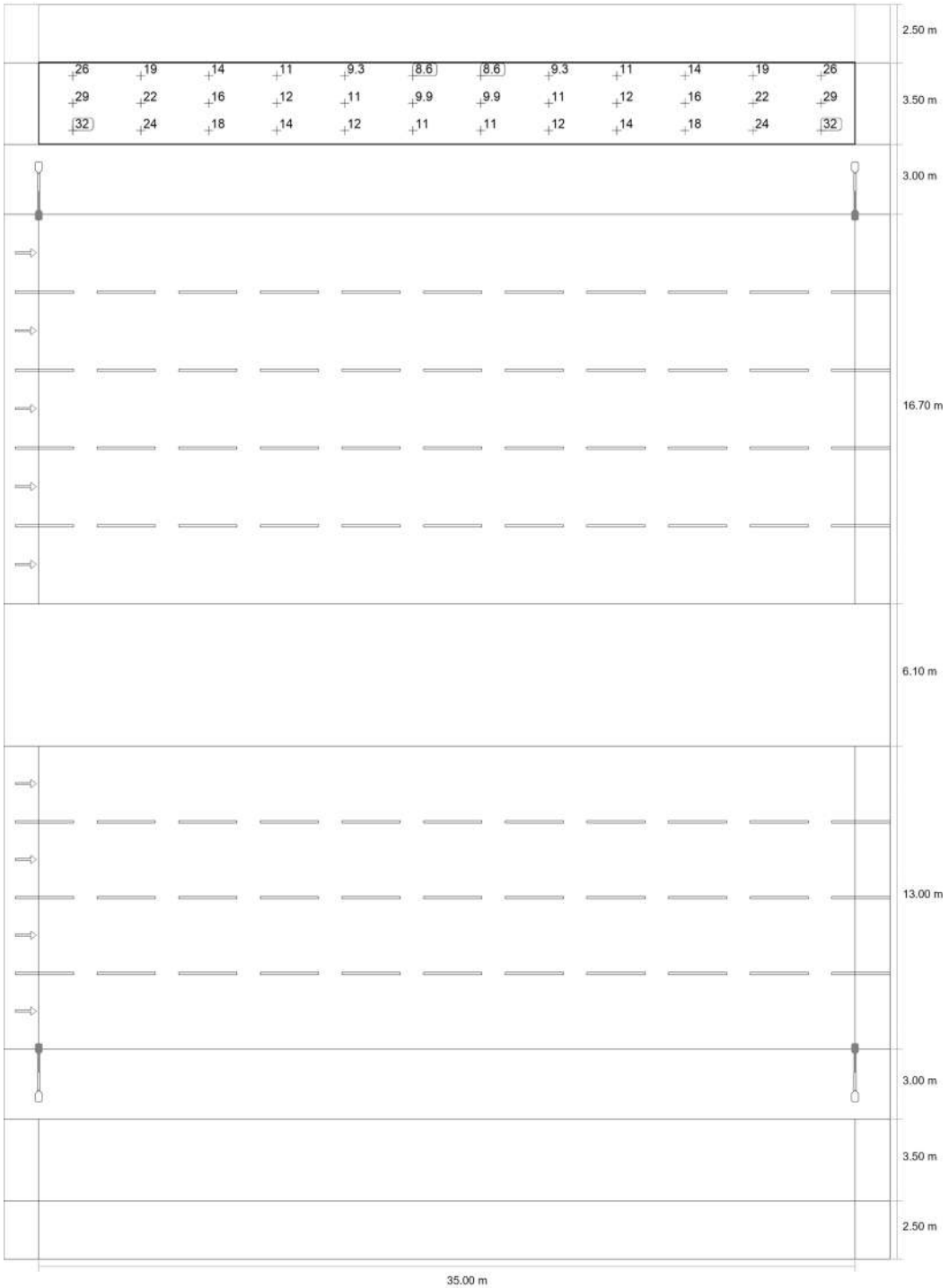
Bicycle lane (P3)



Maintenance value, horizontal illuminance [lx] (Iso-illuminance curves)

Taikos pr. praplatėjimas ties Dubysos g.

Bicycle lane (P3)



Maintenance value, horizontal illuminance [lx] (Value grid)

Taikos pr. praplatėjimas ties Dubysos g.

Bicycle lane (P3)

m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
50.717	26.02	19.34	13.60	10.76	9.26	8.61	8.61	9.26	10.76	13.60	19.34	26.02
49.550	29.13	21.95	15.77	12.37	10.51	9.85	9.85	10.51	12.37	15.77	21.95	29.13
48.383	31.67	24.33	17.82	13.95	11.81	11.07	11.07	11.81	13.95	17.82	24.33	31.67

Maintenance value, horizontal illuminance [lx] (Value chart)

	E_{av}	E_{min}	E_{max}	U_o (g_1)	g_2
Maintenance value, horizontal illuminance	16.5 lx	8.61 lx	31.7 lx	0.52	0.27

Taikos pr. praplatėjimas ties Dubysos g.

Taikos pr. praplatėjimas ties Dubysos g. (M3)

Results for valuation field

	Symbol	Calculated	Target	Check
Taikos pr. praplatėjimas ties Dubysos g. (M3)	L_{av}	1.05 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.55	≥ 0.40	✓
	U_l	0.71	≥ 0.60	✓
	TI	13 %	≤ 15 %	✓
	R_{EI}	0.95	≥ 0.30	✓

Results for observer

	Symbol	Calculated	Target	Check
Observer 1 Position: -60.000 m, 29.770 m, 1.500 m	L_{av}	1.22 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.55	≥ 0.40	✓
	U_l	0.75	≥ 0.60	✓
	TI	3 %	≤ 15 %	✓
Observer 2 Position: -60.000 m, 33.110 m, 1.500 m	L_{av}	1.19 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.56	≥ 0.40	✓
	U_l	0.72	≥ 0.60	✓
	TI	5 %	≤ 15 %	✓
Observer 3 Position: -60.000 m, 36.450 m, 1.500 m	L_{av}	1.15 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.57	≥ 0.40	✓
	U_l	0.80	≥ 0.60	✓
	TI	8 %	≤ 15 %	✓

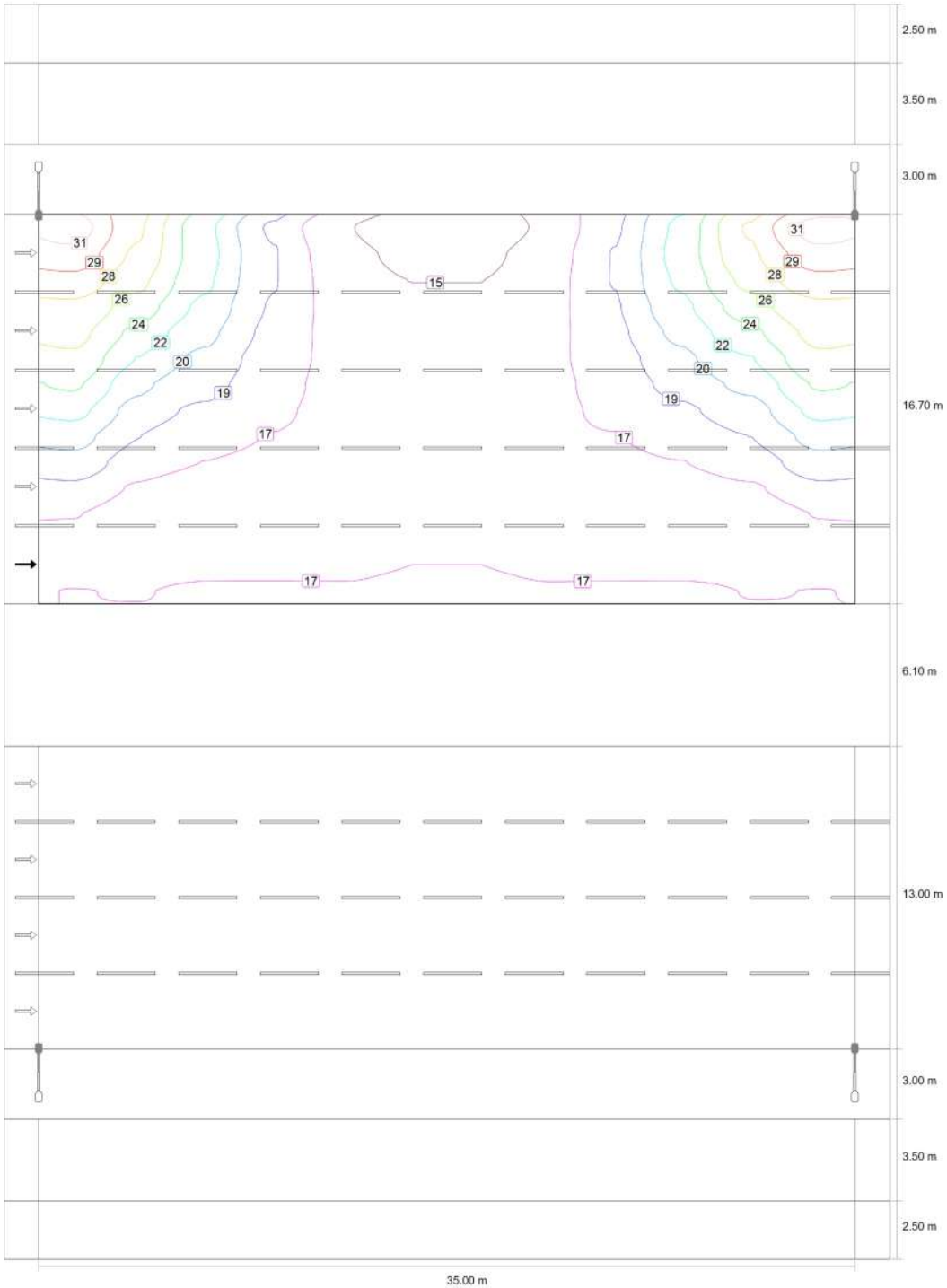
Taikos pr. praplatėjimas ties Dubysos g.

Taikos pr. praplatėjimas ties Dubysos g. (M3)

	Symbol	Calculated	Target	Check
Observer 4 Position: -60.000 m, 39.790 m, 1.500 m	L_{av}	1.10 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.58	≥ 0.40	✓
	U_l	0.82	≥ 0.60	✓
	TI	11 %	≤ 15 %	✓
Observer 5 Position: -60.000 m, 43.130 m, 1.500 m	L_{av}	1.05 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.61	≥ 0.40	✓
	U_l	0.71	≥ 0.60	✓
	TI	13 %	≤ 15 %	✓

Taikos pr. praplatėjimas ties Dubysos g.

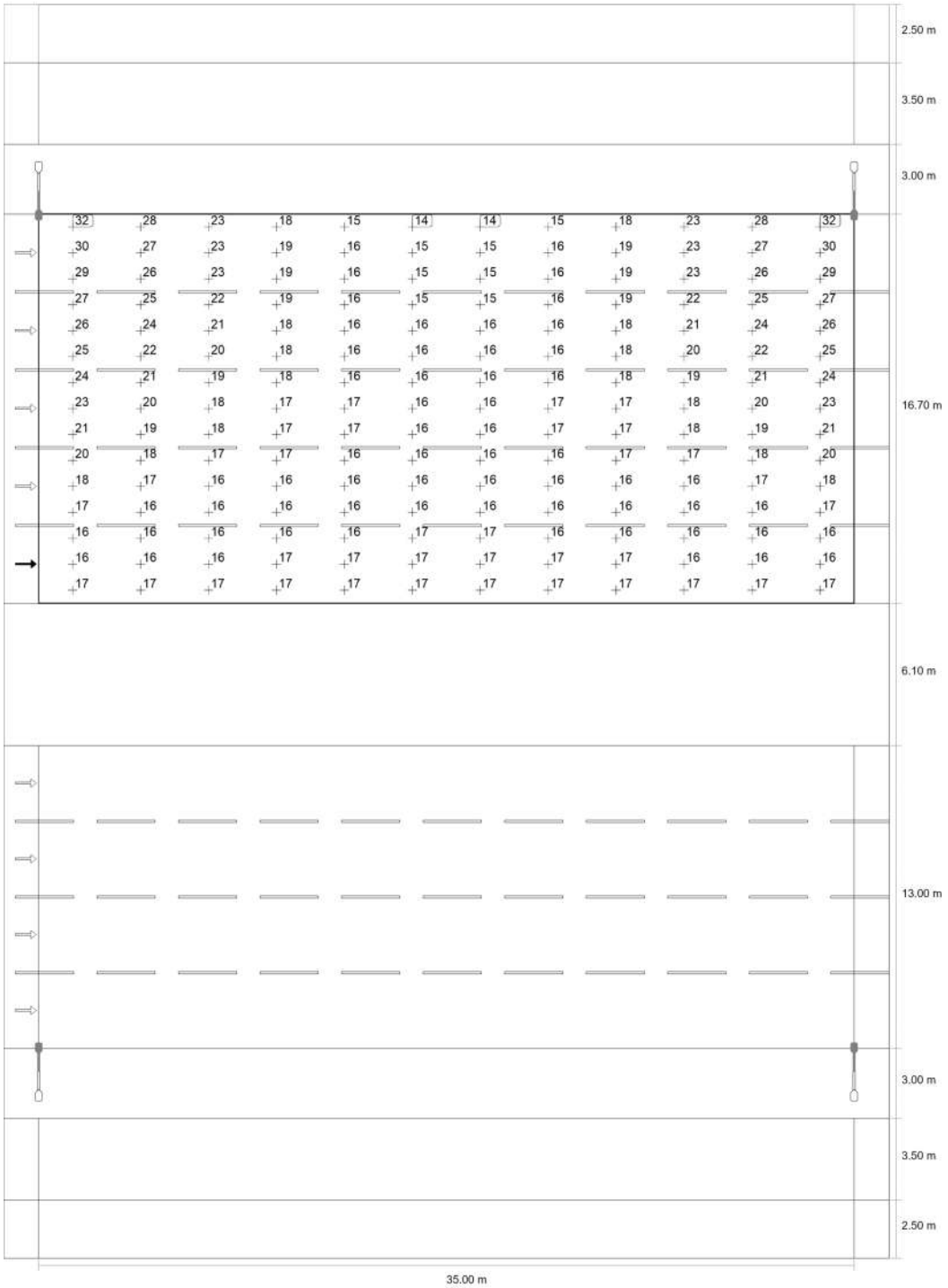
Taikos pr. praplatėjimas ties Dubysos g. (M3)



Maintenance value, horizontal illuminance [lx] (Iso-illuminance curves)

Taikos pr. praplatėjimas ties Dubysos g.

Taikos pr. praplatėjimas ties Dubysos g. (M3)



Maintenance value, horizontal illuminance [lx] (Value grid)

Taikos pr. praplatėjimas ties Dubysos g.

Taikos pr. praplatėjimas ties Dubysos g. (M3)

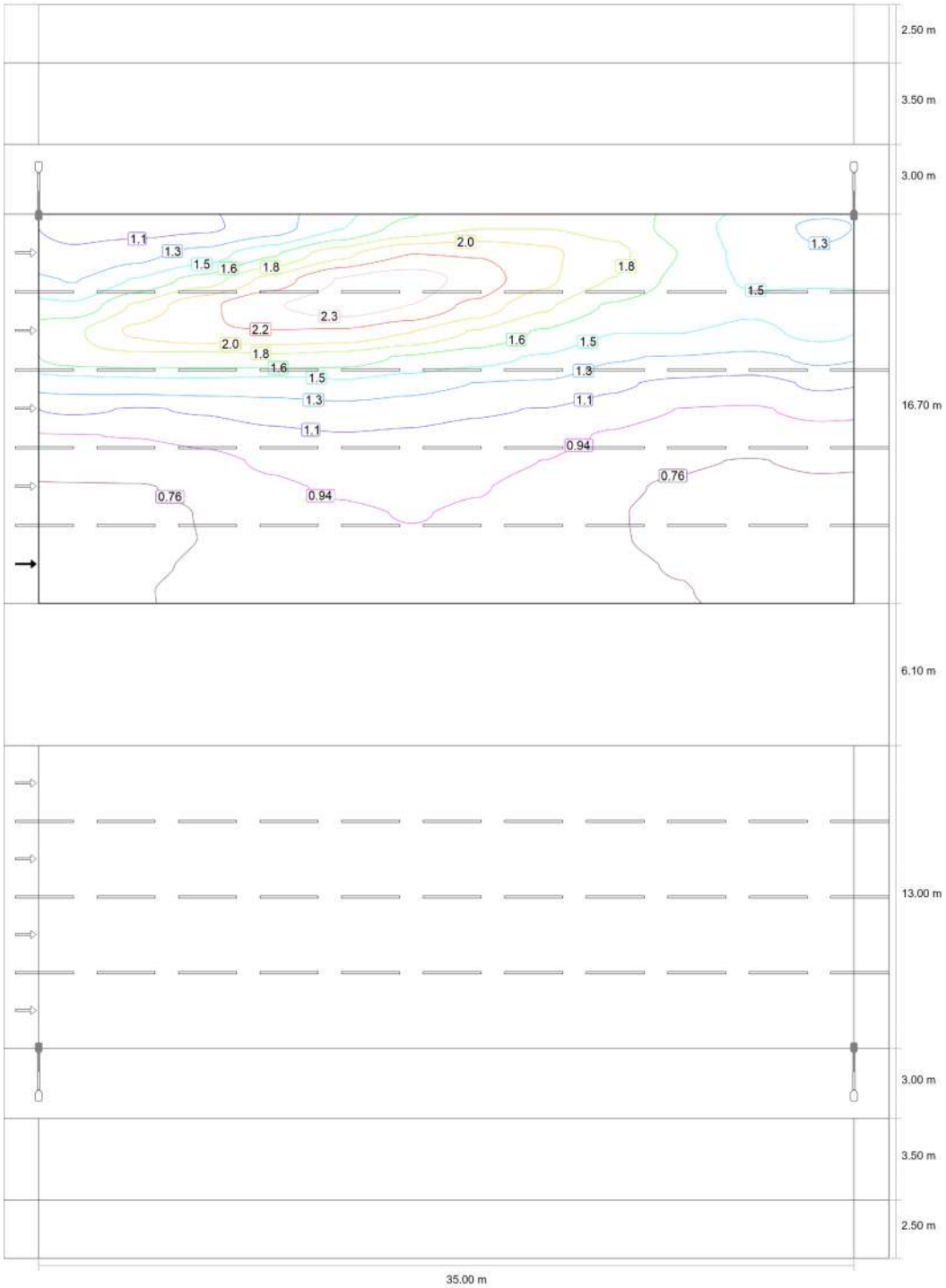
m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
44.243	31.92	27.74	22.73	18.41	15.41	14.30	14.30	15.41	18.41	22.73	27.74	31.92
43.130	30.38	27.15	22.94	18.78	15.86	14.85	14.85	15.86	18.78	22.94	27.15	30.38
42.017	28.69	26.22	22.55	18.78	16.10	15.17	15.17	16.10	18.78	22.55	26.22	28.69
40.903	27.13	24.94	21.80	18.52	16.26	15.48	15.48	16.26	18.52	21.80	24.94	27.13
39.790	26.25	23.54	20.95	18.21	16.34	15.68	15.68	16.34	18.21	20.95	23.54	26.25
38.677	25.40	22.18	20.03	17.85	16.48	15.80	15.80	16.48	17.85	20.03	22.18	25.40
37.563	24.21	20.90	19.34	17.57	16.45	15.97	15.97	16.45	17.57	19.34	20.90	24.21
36.450	22.75	19.71	18.37	17.23	16.52	16.11	16.11	16.52	17.23	18.37	19.71	22.75
35.337	21.11	18.72	17.56	16.89	16.60	16.23	16.23	16.60	16.89	17.56	18.72	21.11
34.223	19.77	17.75	16.93	16.57	16.50	16.34	16.34	16.50	16.57	16.93	17.75	19.77
33.110	18.29	16.71	16.17	16.10	16.37	16.47	16.47	16.37	16.10	16.17	16.71	18.29
31.997	17.03	15.83	15.60	15.80	16.22	16.49	16.49	16.22	15.80	15.60	15.83	17.03
30.883	16.38	15.68	15.71	15.97	16.26	16.64	16.64	16.26	15.97	15.71	15.68	16.38
29.770	16.45	16.22	16.44	16.54	16.57	16.94	16.94	16.57	16.54	16.44	16.22	16.45
28.657	16.96	16.91	17.19	17.15	17.13	17.38	17.38	17.13	17.15	17.19	16.91	16.96

Maintenance value, horizontal illuminance [lx] (Value chart)

	E_{av}	E_{min}	E_{max}	U_o (g_1)	g_2
Maintenance value, horizontal illuminance	18.7 lx	14.3 lx	31.9 lx	0.76	0.45

Taikos pr. praplatėjimas ties Dubysos g.

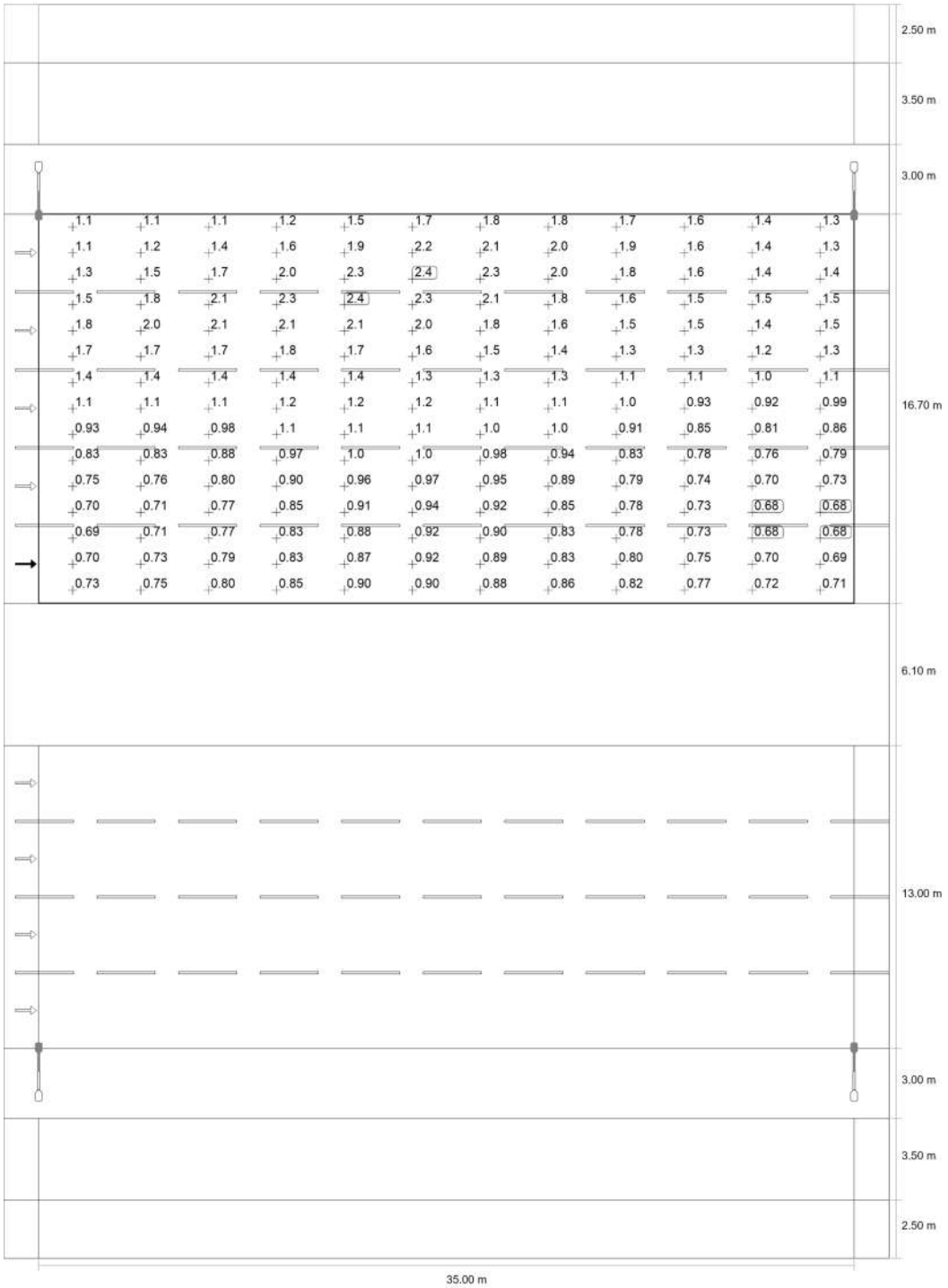
Taikos pr. praplatėjimas ties Dubysos g. (M3)



Observer 1: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas ties Dubysos g.

Taikos pr. praplatėjimas ties Dubysos g. (M3)



Observer 1: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

Taikos pr. praplatėjimas ties Dubysos g.

Taikos pr. praplatėjimas ties Dubysos g. (M3)

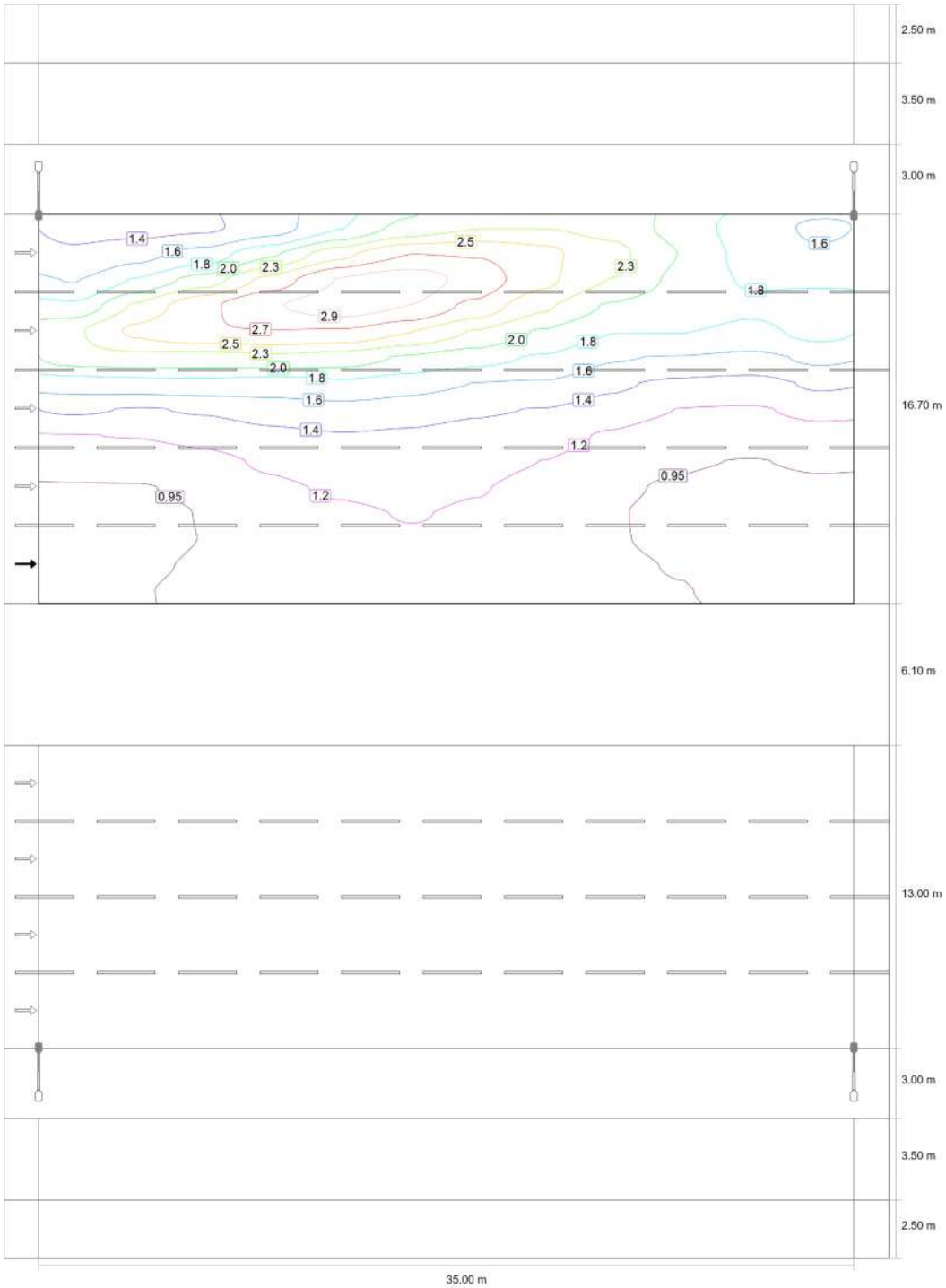
m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
44.243	1.08	1.06	1.09	1.21	1.45	1.69	1.80	1.80	1.74	1.57	1.38	1.26
43.130	1.14	1.23	1.36	1.62	1.93	2.15	2.14	2.02	1.86	1.63	1.41	1.31
42.017	1.28	1.48	1.71	2.05	2.34	2.41	2.26	2.02	1.80	1.59	1.44	1.43
40.903	1.50	1.84	2.11	2.31	2.42	2.33	2.10	1.83	1.61	1.54	1.49	1.54
39.790	1.77	2.02	2.13	2.14	2.12	1.98	1.79	1.61	1.46	1.46	1.41	1.51
38.677	1.72	1.74	1.72	1.76	1.72	1.61	1.52	1.44	1.30	1.28	1.24	1.32
37.563	1.35	1.38	1.40	1.37	1.42	1.35	1.28	1.26	1.14	1.07	1.05	1.14
36.450	1.13	1.10	1.13	1.20	1.22	1.19	1.13	1.11	1.02	0.93	0.92	0.99
35.337	0.93	0.94	0.98	1.06	1.10	1.08	1.04	1.01	0.91	0.85	0.81	0.86
34.223	0.83	0.83	0.88	0.97	1.02	1.02	0.98	0.94	0.83	0.78	0.76	0.79
33.110	0.75	0.76	0.80	0.90	0.96	0.97	0.95	0.89	0.79	0.74	0.70	0.73
31.997	0.70	0.71	0.77	0.85	0.91	0.94	0.92	0.85	0.78	0.73	0.68	0.68
30.883	0.69	0.71	0.77	0.83	0.88	0.92	0.90	0.83	0.78	0.73	0.68	0.68
29.770	0.70	0.73	0.79	0.83	0.87	0.92	0.89	0.83	0.80	0.75	0.70	0.69
28.657	0.73	0.75	0.80	0.85	0.90	0.90	0.88	0.86	0.82	0.77	0.72	0.71

Observer 1: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 1: Maintenance value, luminance with dry roadway	1.22 cd/m²	0.68 cd/m²	2.42 cd/m²	0.55	0.28

Taikos pr. praplatėjimas ties Dubysos g.

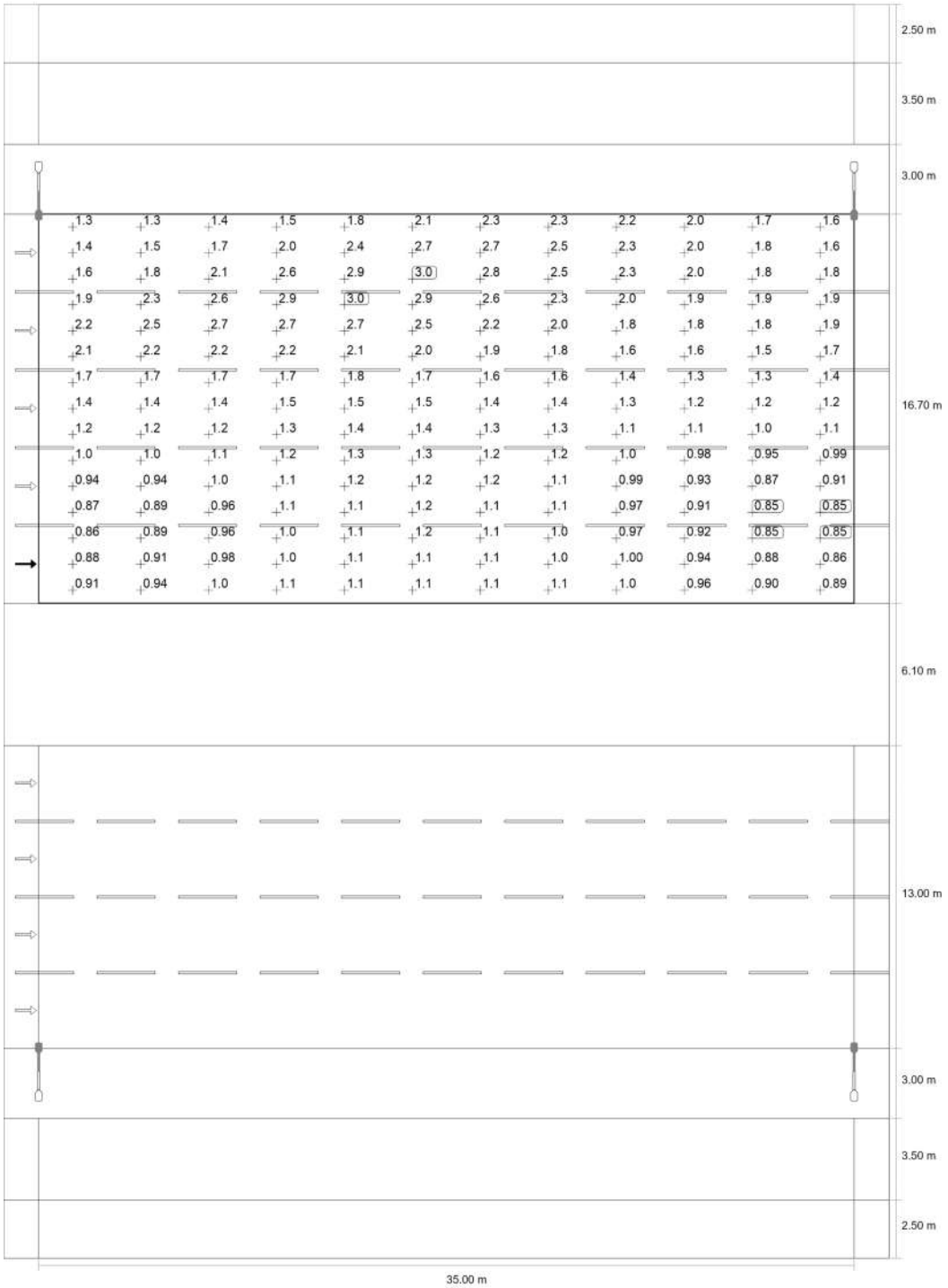
Taikos pr. praplatėjimas ties Dubysos g. (M3)



Observer 1: Luminance with new installation [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas ties Dubysos g.

Taikos pr. praplatėjimas ties Dubysos g. (M3)



Observer 1: Luminance with new installation [cd/m²] (Value grid)

Taikos pr. praplatėjimas ties Dubysos g.

Taikos pr. praplatėjimas ties Dubysos g. (M3)

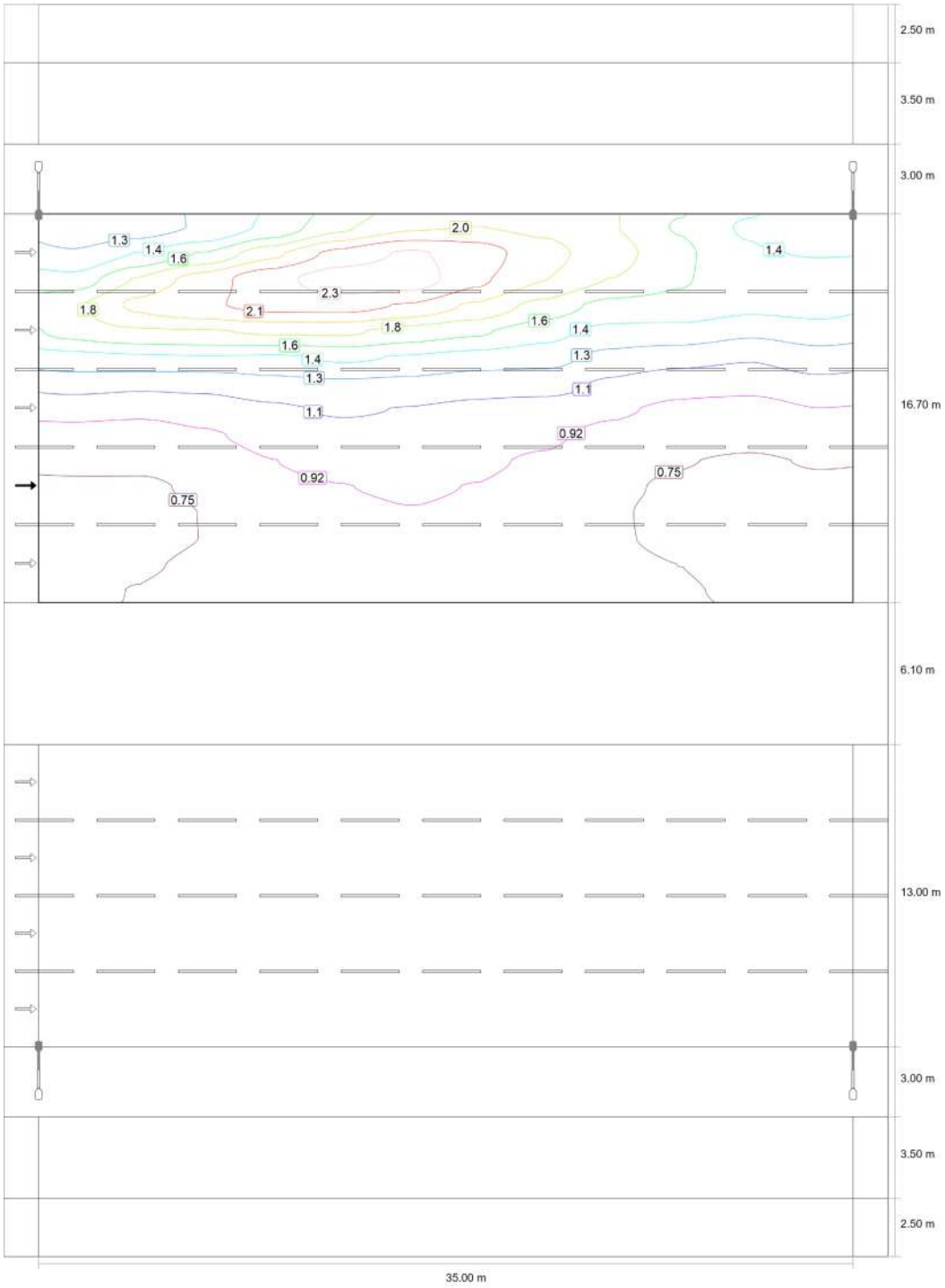
m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
44.243	1.35	1.33	1.36	1.51	1.82	2.12	2.25	2.25	2.17	1.97	1.72	1.58
43.130	1.42	1.54	1.70	2.02	2.41	2.69	2.68	2.53	2.32	2.03	1.76	1.64
42.017	1.60	1.84	2.14	2.56	2.92	3.01	2.82	2.52	2.25	1.99	1.80	1.78
40.903	1.87	2.30	2.63	2.89	3.02	2.91	2.62	2.29	2.01	1.92	1.86	1.93
39.790	2.21	2.52	2.66	2.68	2.65	2.48	2.24	2.01	1.83	1.83	1.77	1.89
38.677	2.15	2.17	2.16	2.20	2.15	2.01	1.90	1.80	1.62	1.60	1.55	1.65
37.563	1.69	1.73	1.74	1.71	1.77	1.69	1.60	1.58	1.43	1.34	1.31	1.42
36.450	1.42	1.38	1.41	1.50	1.53	1.48	1.41	1.38	1.27	1.17	1.15	1.23
35.337	1.17	1.18	1.23	1.32	1.38	1.35	1.30	1.26	1.14	1.06	1.02	1.07
34.223	1.04	1.04	1.10	1.21	1.28	1.27	1.23	1.17	1.04	0.98	0.95	0.99
33.110	0.94	0.94	1.01	1.13	1.20	1.22	1.18	1.11	0.99	0.93	0.87	0.91
31.997	0.87	0.89	0.96	1.07	1.14	1.18	1.15	1.06	0.97	0.91	0.85	0.85
30.883	0.86	0.89	0.96	1.04	1.10	1.16	1.12	1.03	0.97	0.92	0.85	0.85
29.770	0.88	0.91	0.98	1.04	1.09	1.14	1.11	1.04	1.00	0.94	0.88	0.86
28.657	0.91	0.94	1.00	1.06	1.12	1.13	1.10	1.08	1.02	0.96	0.90	0.89

Observer 1: Luminance with new installation [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 1: Luminance with new installation	1.53 cd/m²	0.85 cd/m²	3.02 cd/m²	0.55	0.28

Taikos pr. praplatėjimas ties Dubysos g.

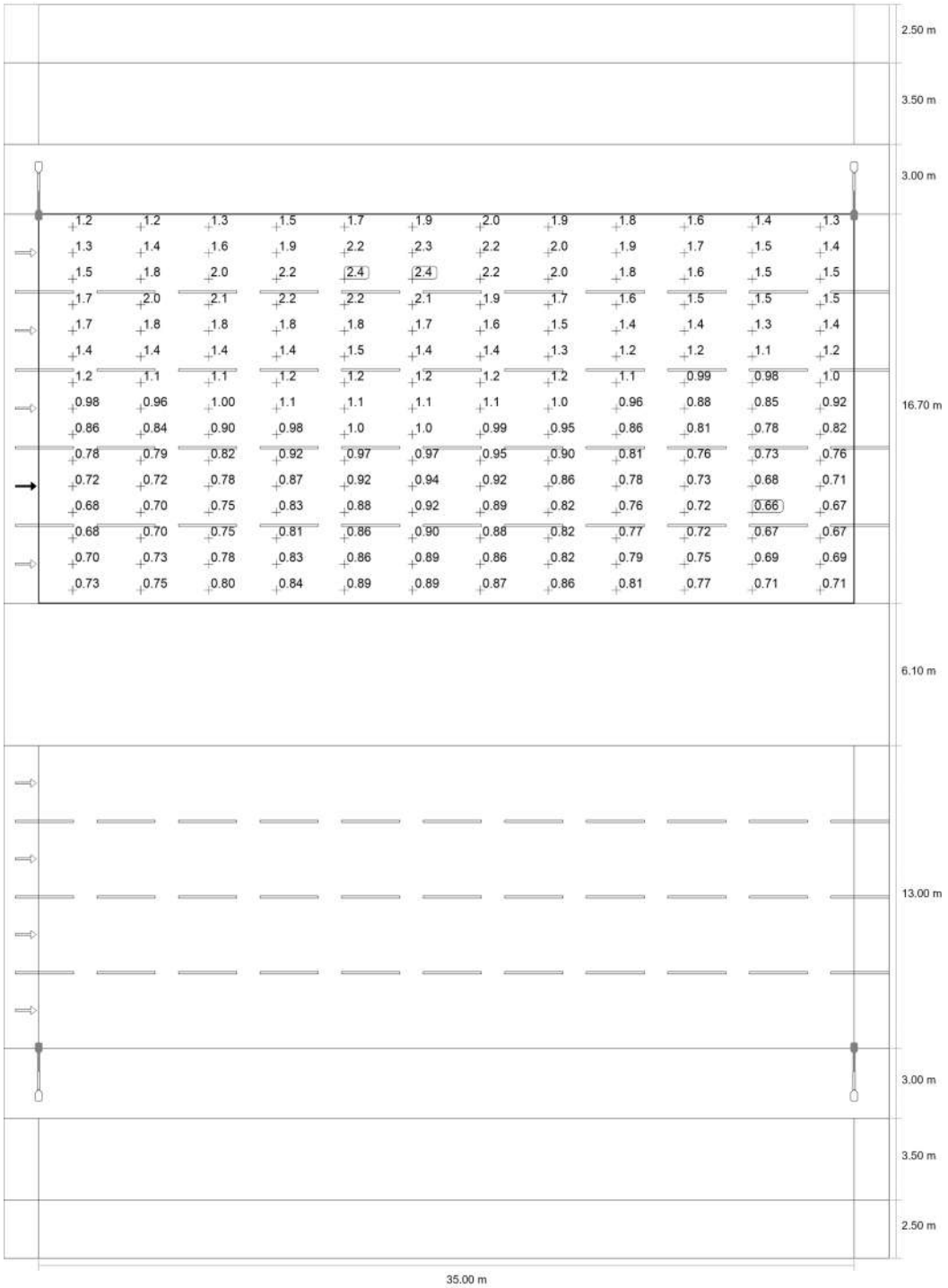
Taikos pr. praplatėjimas ties Dubysos g. (M3)



Observer 2: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas ties Dubysos g.

Taikos pr. praplatėjimas ties Dubysos g. (M3)



Observer 2: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

Taikos pr. praplatėjimas ties Dubysos g.

Taikos pr. praplatėjimas ties Dubysos g. (M3)

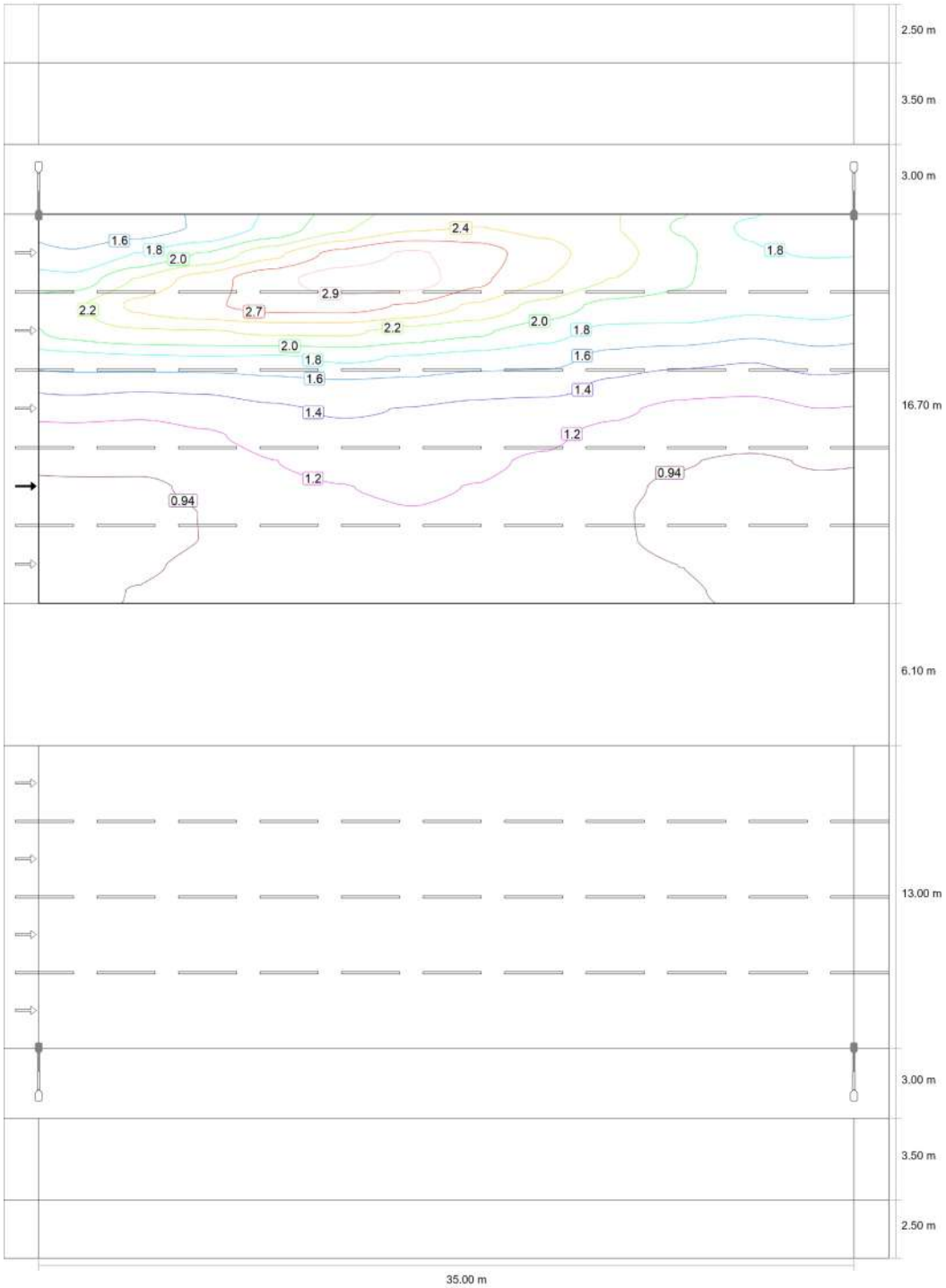
m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
44.243	1.16	1.19	1.29	1.48	1.75	1.93	1.96	1.91	1.79	1.59	1.42	1.33
43.130	1.29	1.45	1.63	1.92	2.19	2.32	2.22	2.02	1.86	1.65	1.47	1.43
42.017	1.51	1.80	2.04	2.24	2.39	2.38	2.17	1.96	1.78	1.63	1.53	1.54
40.903	1.73	1.99	2.10	2.18	2.19	2.11	1.93	1.73	1.55	1.54	1.48	1.51
39.790	1.67	1.75	1.77	1.81	1.81	1.71	1.64	1.50	1.38	1.37	1.30	1.35
38.677	1.37	1.41	1.43	1.42	1.47	1.43	1.37	1.33	1.21	1.15	1.11	1.19
37.563	1.16	1.13	1.14	1.21	1.24	1.22	1.16	1.16	1.06	0.99	0.98	1.04
36.450	0.98	0.96	1.00	1.06	1.11	1.09	1.05	1.02	0.96	0.88	0.85	0.92
35.337	0.86	0.84	0.90	0.98	1.03	1.02	0.99	0.95	0.86	0.81	0.78	0.82
34.223	0.78	0.79	0.82	0.92	0.97	0.97	0.95	0.90	0.81	0.76	0.73	0.76
33.110	0.72	0.72	0.78	0.87	0.92	0.94	0.92	0.86	0.78	0.73	0.68	0.71
31.997	0.68	0.70	0.75	0.83	0.88	0.92	0.89	0.82	0.76	0.72	0.66	0.67
30.883	0.68	0.70	0.75	0.81	0.86	0.90	0.88	0.82	0.77	0.72	0.67	0.67
29.770	0.70	0.73	0.78	0.83	0.86	0.89	0.86	0.82	0.79	0.75	0.69	0.69
28.657	0.73	0.75	0.80	0.84	0.89	0.89	0.87	0.86	0.81	0.77	0.71	0.71

Observer 2: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 2: Maintenance value, luminance with dry roadway	1.19 cd/m²	0.66 cd/m²	2.39 cd/m²	0.56	0.28

Taikos pr. praplatėjimas ties Dubysos g.

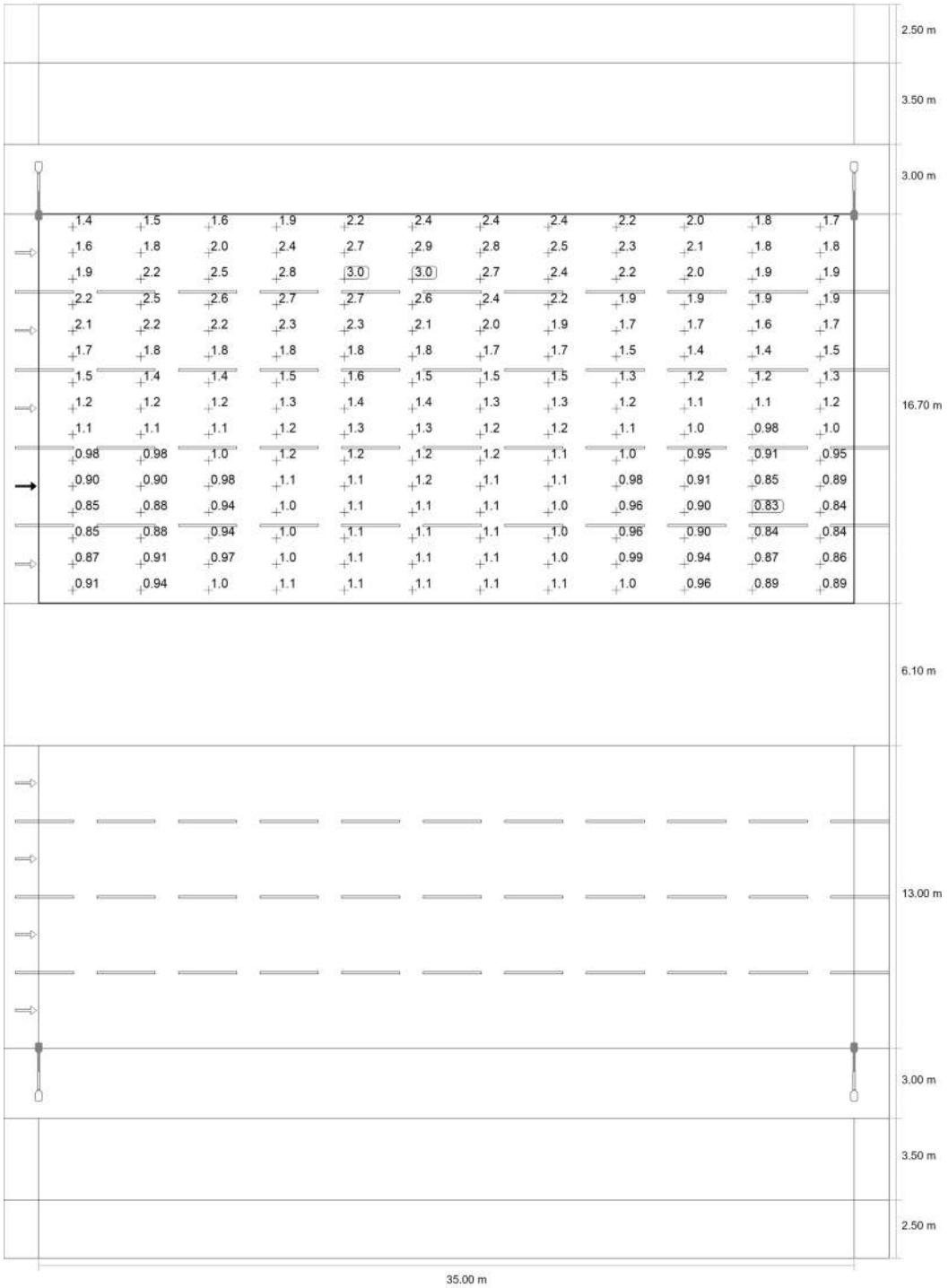
Taikos pr. praplatėjimas ties Dubysos g. (M3)



Observer 2: Luminance with new installation [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas ties Dubysos g.

Taikos pr. praplatėjimas ties Dubysos g. (M3)



Observer 2: Luminance with new installation [cd/m²] (Value grid)

Taikos pr. praplatėjimas ties Dubysos g.

Taikos pr. praplatėjimas ties Dubysos g. (M3)

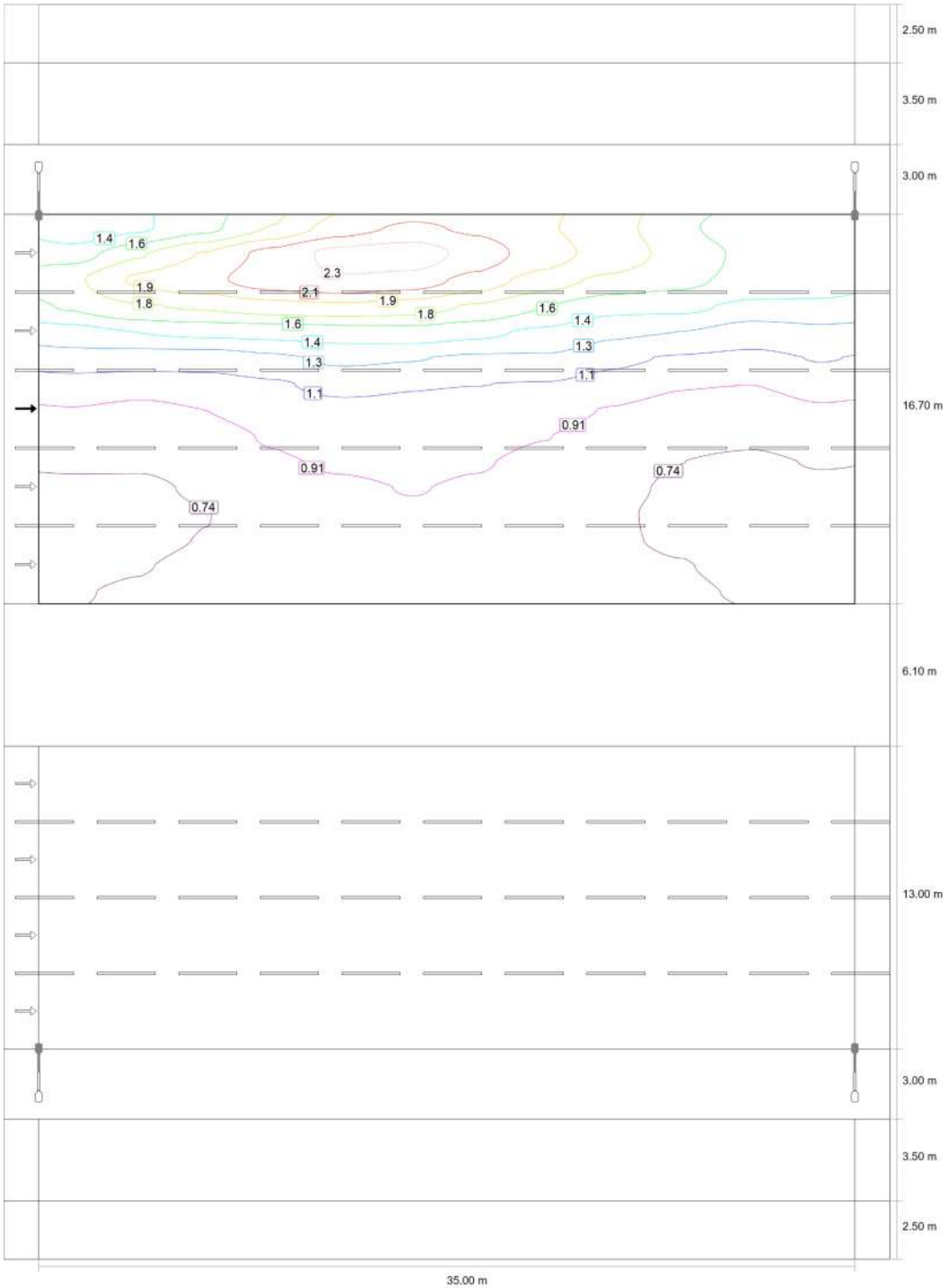
m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
44.243	1.44	1.49	1.61	1.85	2.18	2.42	2.45	2.39	2.24	1.99	1.77	1.66
43.130	1.62	1.81	2.03	2.39	2.73	2.90	2.77	2.53	2.33	2.07	1.83	1.79
42.017	1.89	2.25	2.54	2.80	2.99	2.98	2.71	2.45	2.22	2.04	1.91	1.92
40.903	2.17	2.49	2.63	2.73	2.74	2.64	2.41	2.16	1.94	1.93	1.86	1.89
39.790	2.09	2.19	2.22	2.26	2.26	2.14	2.05	1.88	1.73	1.72	1.62	1.69
38.677	1.72	1.77	1.79	1.78	1.83	1.78	1.71	1.66	1.51	1.44	1.38	1.48
37.563	1.45	1.41	1.43	1.51	1.55	1.52	1.45	1.45	1.33	1.24	1.22	1.30
36.450	1.22	1.20	1.25	1.33	1.39	1.36	1.32	1.28	1.19	1.10	1.07	1.15
35.337	1.07	1.05	1.12	1.23	1.29	1.27	1.24	1.19	1.08	1.01	0.98	1.03
34.223	0.98	0.98	1.03	1.15	1.21	1.21	1.19	1.12	1.01	0.95	0.91	0.95
33.110	0.90	0.90	0.98	1.08	1.15	1.18	1.15	1.07	0.98	0.91	0.85	0.89
31.997	0.85	0.88	0.94	1.03	1.10	1.14	1.11	1.03	0.96	0.90	0.83	0.84
30.883	0.85	0.88	0.94	1.01	1.08	1.13	1.09	1.02	0.96	0.90	0.84	0.84
29.770	0.87	0.91	0.97	1.03	1.08	1.12	1.08	1.03	0.99	0.94	0.87	0.86
28.657	0.91	0.94	1.00	1.05	1.12	1.11	1.09	1.08	1.02	0.96	0.89	0.89

Observer 2: Luminance with new installation [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 2: Luminance with new installation	1.48 cd/m²	0.83 cd/m²	2.99 cd/m²	0.56	0.28

Taikos pr. praplatėjimas ties Dubysos g.

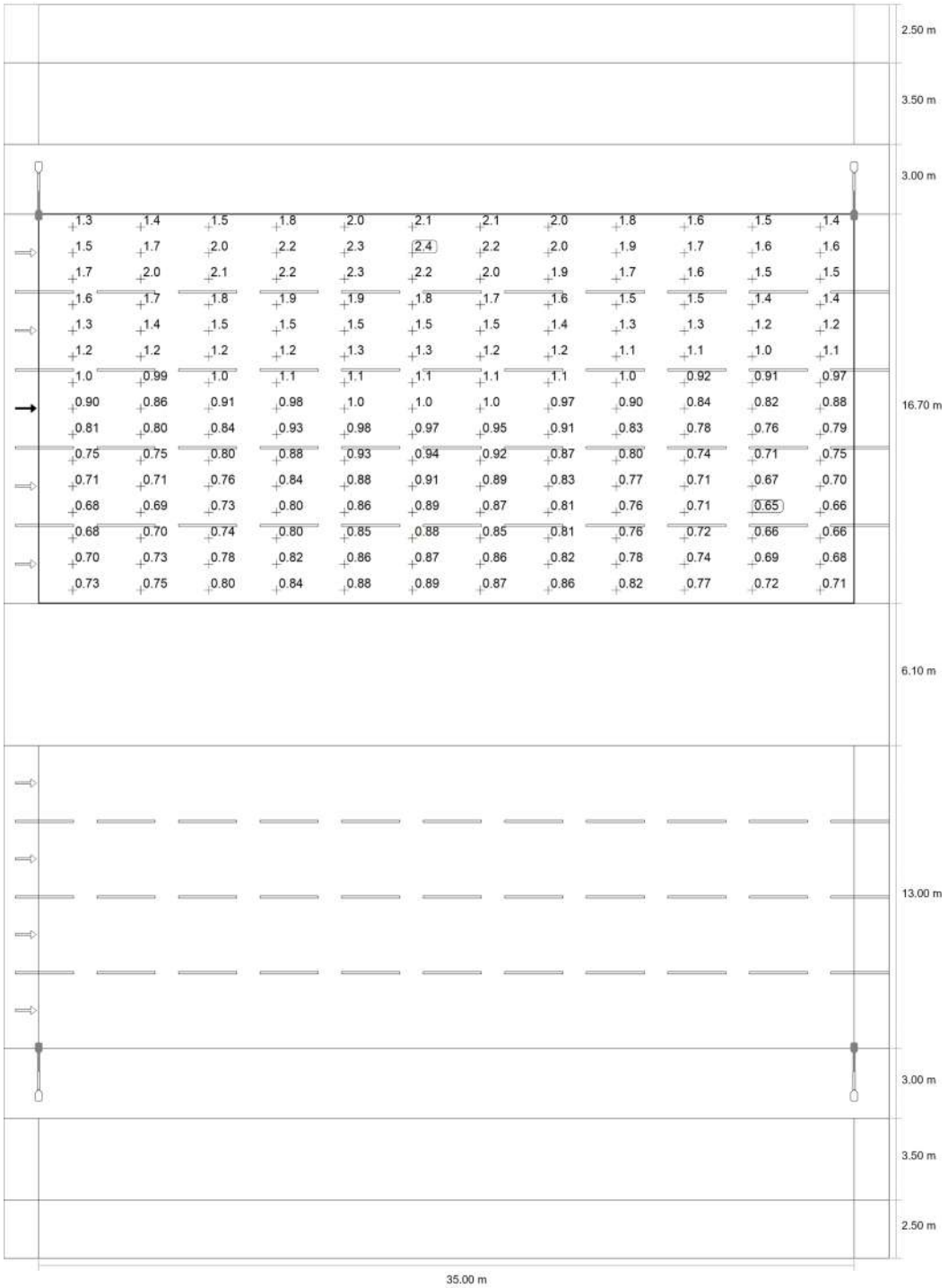
Taikos pr. praplatėjimas ties Dubysos g. (M3)



Observer 3: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas ties Dubysos g.

Taikos pr. praplatėjimas ties Dubysos g. (M3)



Observer 3: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

Taikos pr. praplatėjimas ties Dubysos g.

Taikos pr. praplatėjimas ties Dubysos g. (M3)

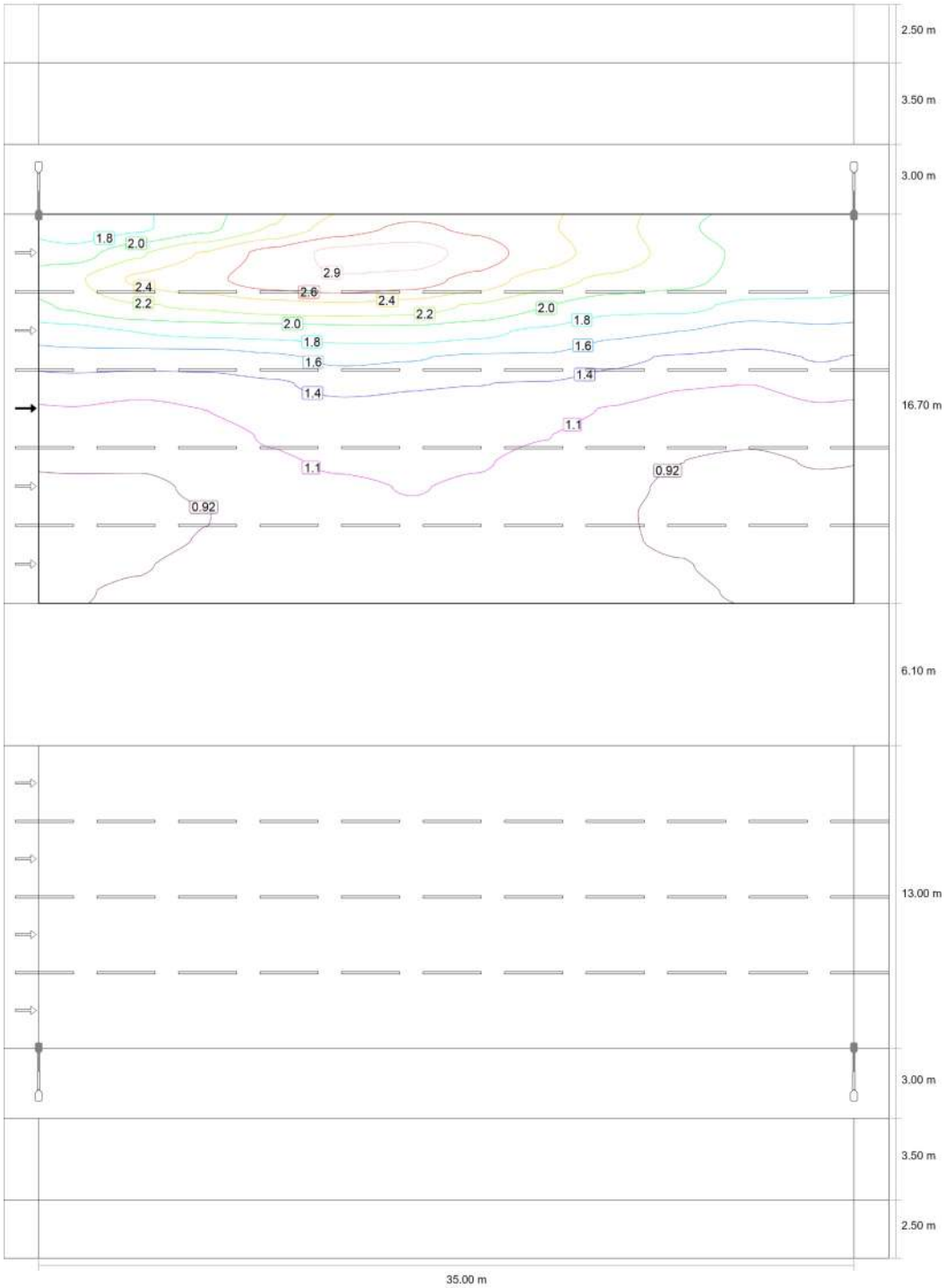
m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
44.243	1.30	1.39	1.55	1.78	2.02	2.14	2.08	1.96	1.84	1.64	1.49	1.43
43.130	1.52	1.75	1.95	2.17	2.33	2.37	2.21	2.02	1.87	1.70	1.56	1.55
42.017	1.72	1.96	2.07	2.21	2.26	2.21	2.04	1.85	1.72	1.64	1.55	1.54
40.903	1.62	1.75	1.79	1.86	1.90	1.85	1.75	1.60	1.47	1.46	1.38	1.37
39.790	1.35	1.43	1.46	1.48	1.50	1.52	1.47	1.39	1.28	1.25	1.16	1.20
38.677	1.17	1.15	1.16	1.22	1.29	1.26	1.23	1.22	1.12	1.06	1.04	1.09
37.563	1.01	0.99	1.01	1.06	1.13	1.09	1.08	1.07	1.00	0.92	0.91	0.97
36.450	0.90	0.86	0.91	0.98	1.03	1.02	1.00	0.97	0.90	0.84	0.82	0.88
35.337	0.81	0.80	0.84	0.93	0.98	0.97	0.95	0.91	0.83	0.78	0.76	0.79
34.223	0.75	0.75	0.80	0.88	0.93	0.94	0.92	0.87	0.80	0.74	0.71	0.75
33.110	0.71	0.71	0.76	0.84	0.88	0.91	0.89	0.83	0.77	0.71	0.67	0.70
31.997	0.68	0.69	0.73	0.80	0.86	0.89	0.87	0.81	0.76	0.71	0.65	0.66
30.883	0.68	0.70	0.74	0.80	0.85	0.88	0.85	0.81	0.76	0.72	0.66	0.66
29.770	0.70	0.73	0.78	0.82	0.86	0.87	0.86	0.82	0.78	0.74	0.69	0.68
28.657	0.73	0.75	0.80	0.84	0.88	0.89	0.87	0.86	0.82	0.77	0.72	0.71

Observer 3: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 3: Maintenance value, luminance with dry roadway	1.15 cd/m²	0.65 cd/m²	2.37 cd/m²	0.57	0.27

Taikos pr. praplatėjimas ties Dubysos g.

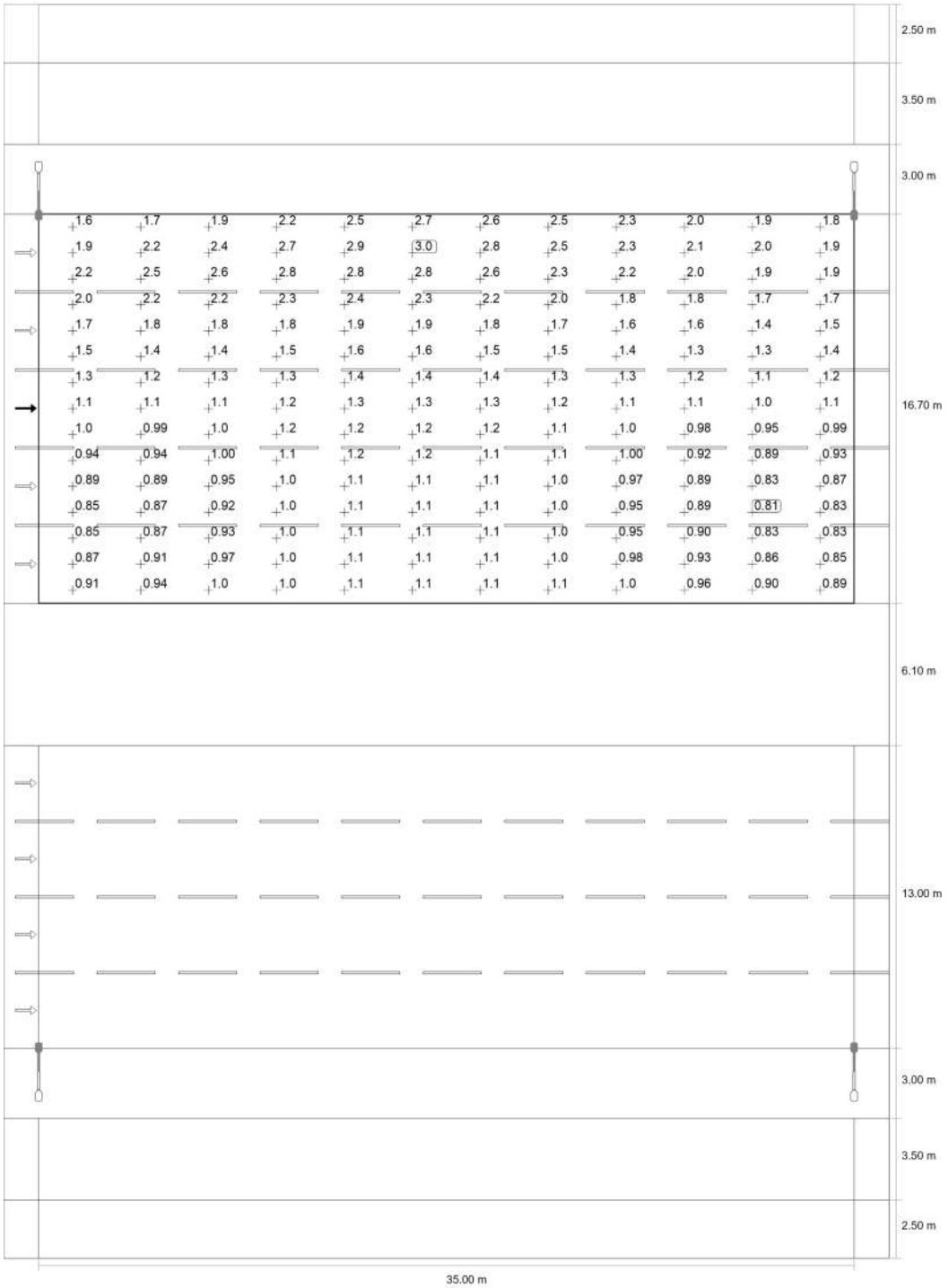
Taikos pr. praplatėjimas ties Dubysos g. (M3)



Observer 3: Luminance with new installation [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas ties Dubysos g.

Taikos pr. praplatėjimas ties Dubysos g. (M3)



Observer 3: Luminance with new installation [cd/m²] (Value grid)

Taikos pr. praplatėjimas ties Dubysos g.

Taikos pr. praplatėjimas ties Dubysos g. (M3)

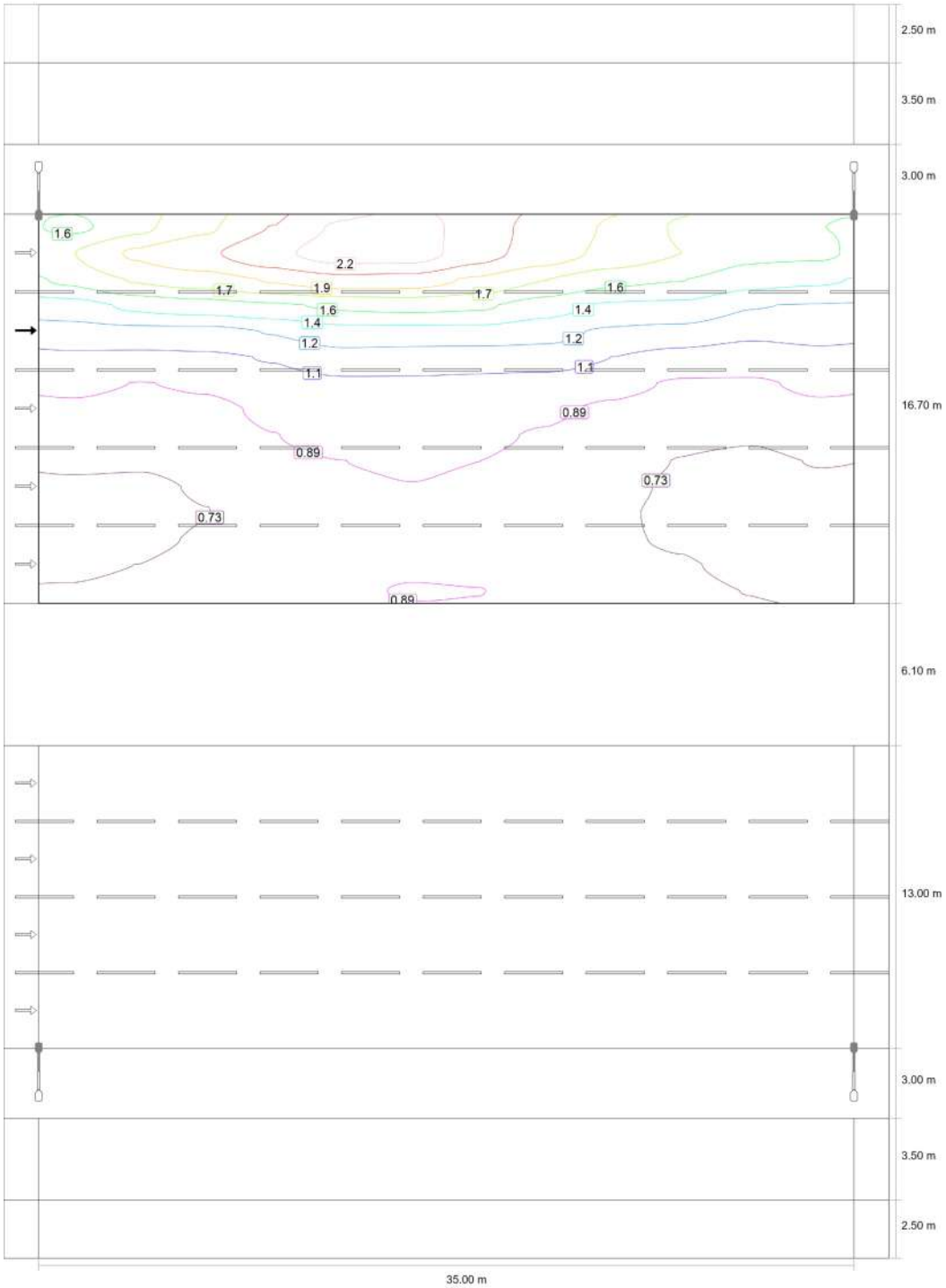
m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
44.243	1.63	1.74	1.94	2.22	2.53	2.68	2.60	2.45	2.30	2.05	1.86	1.79
43.130	1.90	2.18	2.44	2.71	2.91	2.96	2.76	2.52	2.34	2.13	1.95	1.94
42.017	2.16	2.46	2.58	2.76	2.83	2.76	2.55	2.32	2.15	2.05	1.93	1.92
40.903	2.03	2.19	2.24	2.33	2.38	2.31	2.19	2.00	1.84	1.83	1.72	1.72
39.790	1.68	1.78	1.83	1.85	1.88	1.90	1.83	1.74	1.60	1.57	1.45	1.51
38.677	1.47	1.44	1.45	1.53	1.61	1.58	1.53	1.53	1.40	1.33	1.29	1.36
37.563	1.26	1.24	1.26	1.33	1.41	1.37	1.35	1.34	1.25	1.15	1.14	1.21
36.450	1.12	1.08	1.14	1.23	1.29	1.28	1.25	1.21	1.12	1.05	1.03	1.11
35.337	1.01	0.99	1.05	1.16	1.22	1.22	1.19	1.14	1.04	0.98	0.95	0.99
34.223	0.94	0.94	1.00	1.11	1.16	1.17	1.15	1.08	1.00	0.92	0.89	0.93
33.110	0.89	0.89	0.95	1.05	1.10	1.14	1.11	1.04	0.97	0.89	0.83	0.87
31.997	0.85	0.87	0.92	1.00	1.07	1.12	1.08	1.02	0.95	0.89	0.81	0.83
30.883	0.85	0.87	0.93	1.00	1.06	1.10	1.07	1.01	0.95	0.90	0.83	0.83
29.770	0.87	0.91	0.97	1.03	1.07	1.09	1.07	1.02	0.98	0.93	0.86	0.85
28.657	0.91	0.94	1.01	1.05	1.10	1.11	1.09	1.07	1.02	0.96	0.90	0.89

Observer 3: Luminance with new installation [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 3: Luminance with new installation	1.44 cd/m²	0.81 cd/m²	2.96 cd/m²	0.57	0.27

Taikos pr. praplatėjimas ties Dubysos g.

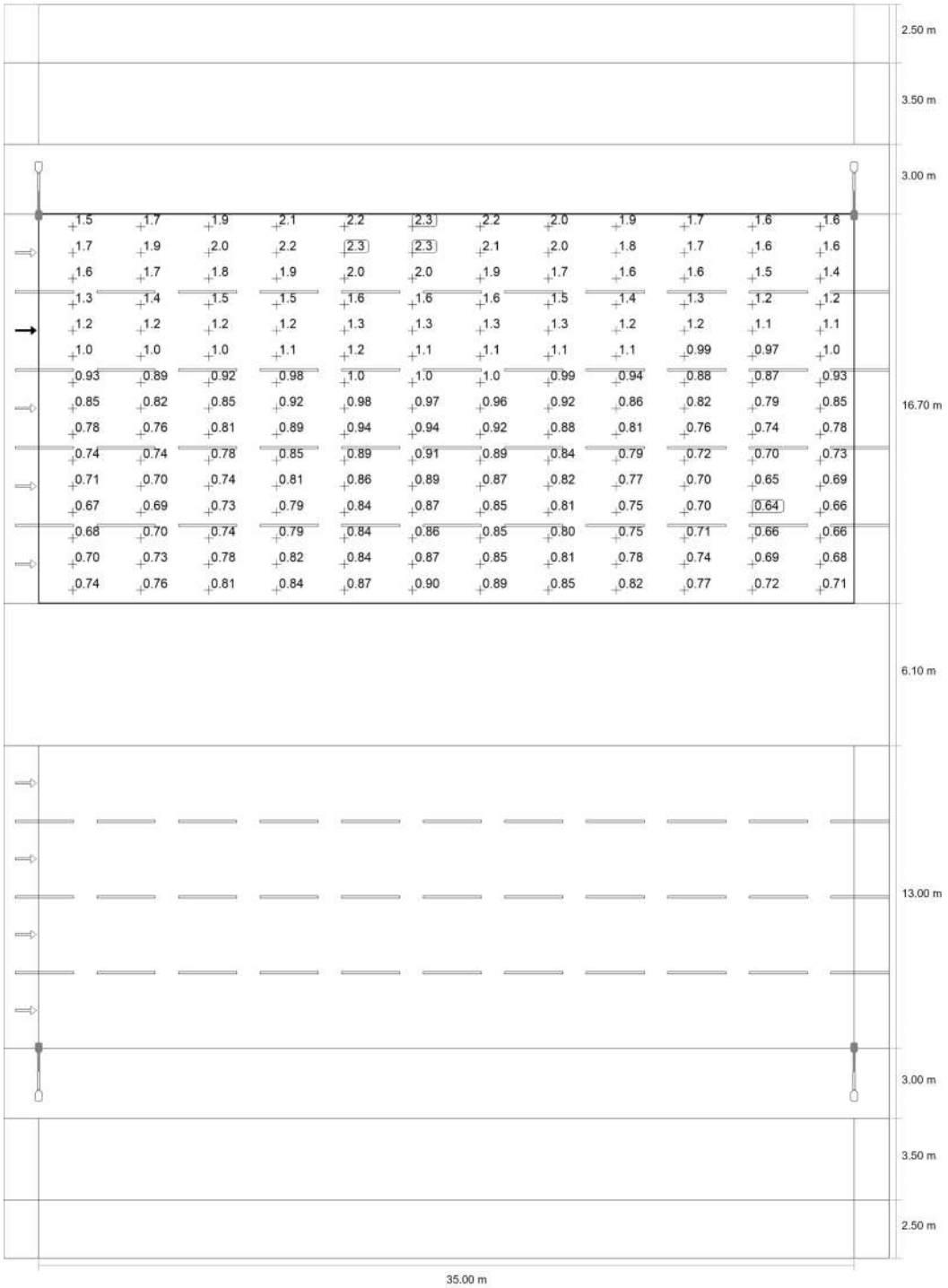
Taikos pr. praplatėjimas ties Dubysos g. (M3)



Observer 4: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas ties Dubysos g.

Taikos pr. praplatėjimas ties Dubysos g. (M3)



Observer 4: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

Taikos pr. praplatėjimas ties Dubysos g.

Taikos pr. praplatėjimas ties Dubysos g. (M3)

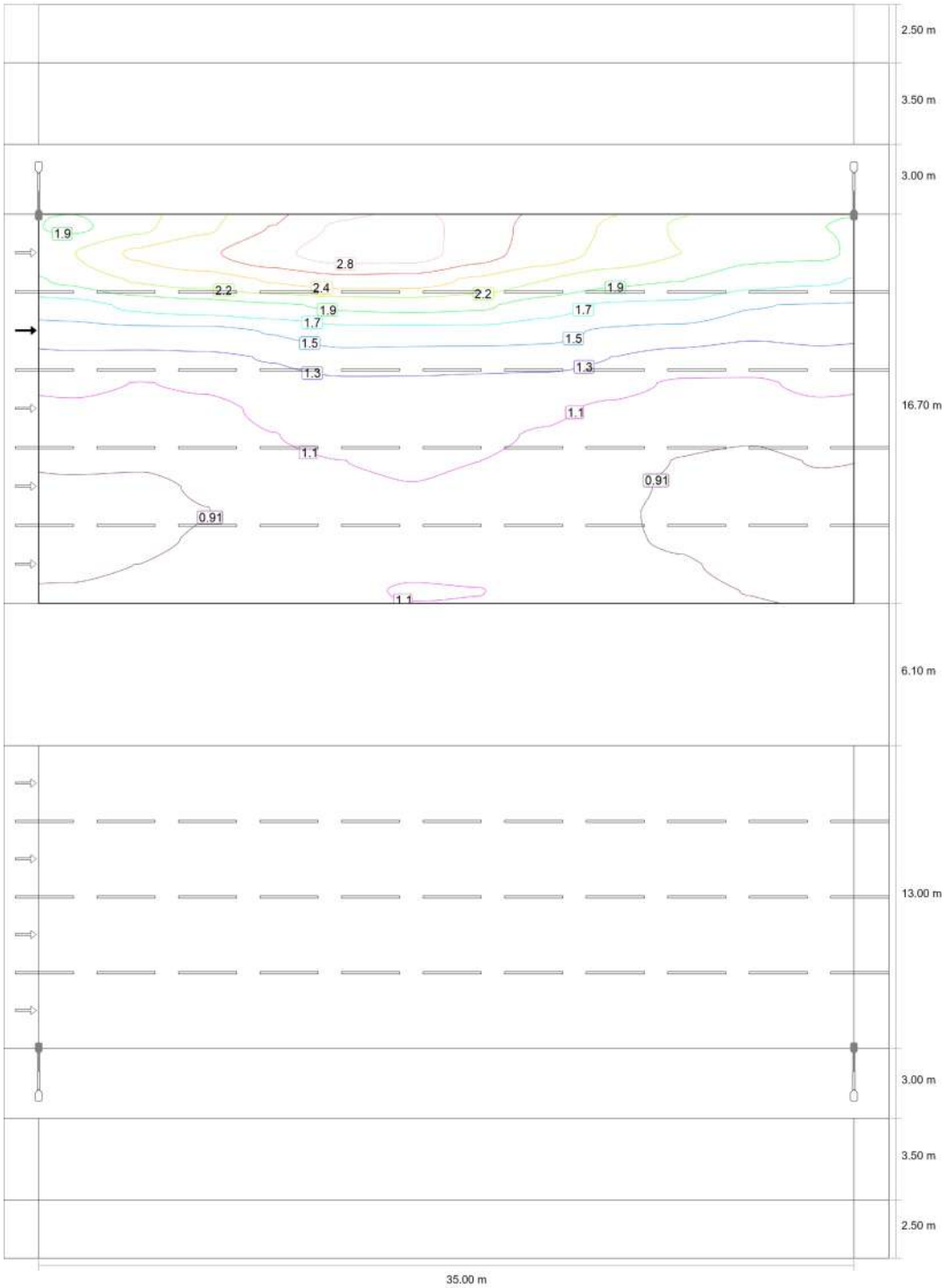
m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
44.243	1.52	1.68	1.86	2.06	2.25	2.28	2.15	1.99	1.87	1.70	1.58	1.56
43.130	1.72	1.91	2.03	2.17	2.30	2.29	2.13	1.98	1.84	1.72	1.59	1.58
42.017	1.59	1.74	1.80	1.91	1.99	1.97	1.86	1.72	1.60	1.56	1.46	1.42
40.903	1.32	1.43	1.47	1.53	1.58	1.60	1.58	1.47	1.37	1.35	1.23	1.22
39.790	1.15	1.17	1.18	1.23	1.33	1.33	1.33	1.28	1.20	1.17	1.09	1.11
38.677	1.03	1.01	1.03	1.07	1.15	1.14	1.13	1.14	1.06	0.99	0.97	1.00
37.563	0.93	0.89	0.92	0.98	1.03	1.03	1.02	0.99	0.94	0.88	0.87	0.93
36.450	0.85	0.82	0.85	0.92	0.98	0.97	0.96	0.92	0.86	0.82	0.79	0.85
35.337	0.78	0.76	0.81	0.89	0.94	0.94	0.92	0.88	0.81	0.76	0.74	0.78
34.223	0.74	0.74	0.78	0.85	0.89	0.91	0.89	0.84	0.79	0.72	0.70	0.73
33.110	0.71	0.70	0.74	0.81	0.86	0.89	0.87	0.82	0.77	0.70	0.65	0.69
31.997	0.67	0.69	0.73	0.79	0.84	0.87	0.85	0.81	0.75	0.70	0.64	0.66
30.883	0.68	0.70	0.74	0.79	0.84	0.86	0.85	0.80	0.75	0.71	0.66	0.66
29.770	0.70	0.73	0.78	0.82	0.84	0.87	0.85	0.81	0.78	0.74	0.69	0.68
28.657	0.74	0.76	0.81	0.84	0.87	0.90	0.89	0.85	0.82	0.77	0.72	0.71

Observer 4: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 4: Maintenance value, luminance with dry roadway	1.10 cd/m²	0.64 cd/m²	2.30 cd/m²	0.58	0.28

Taikos pr. praplatėjimas ties Dubysos g.

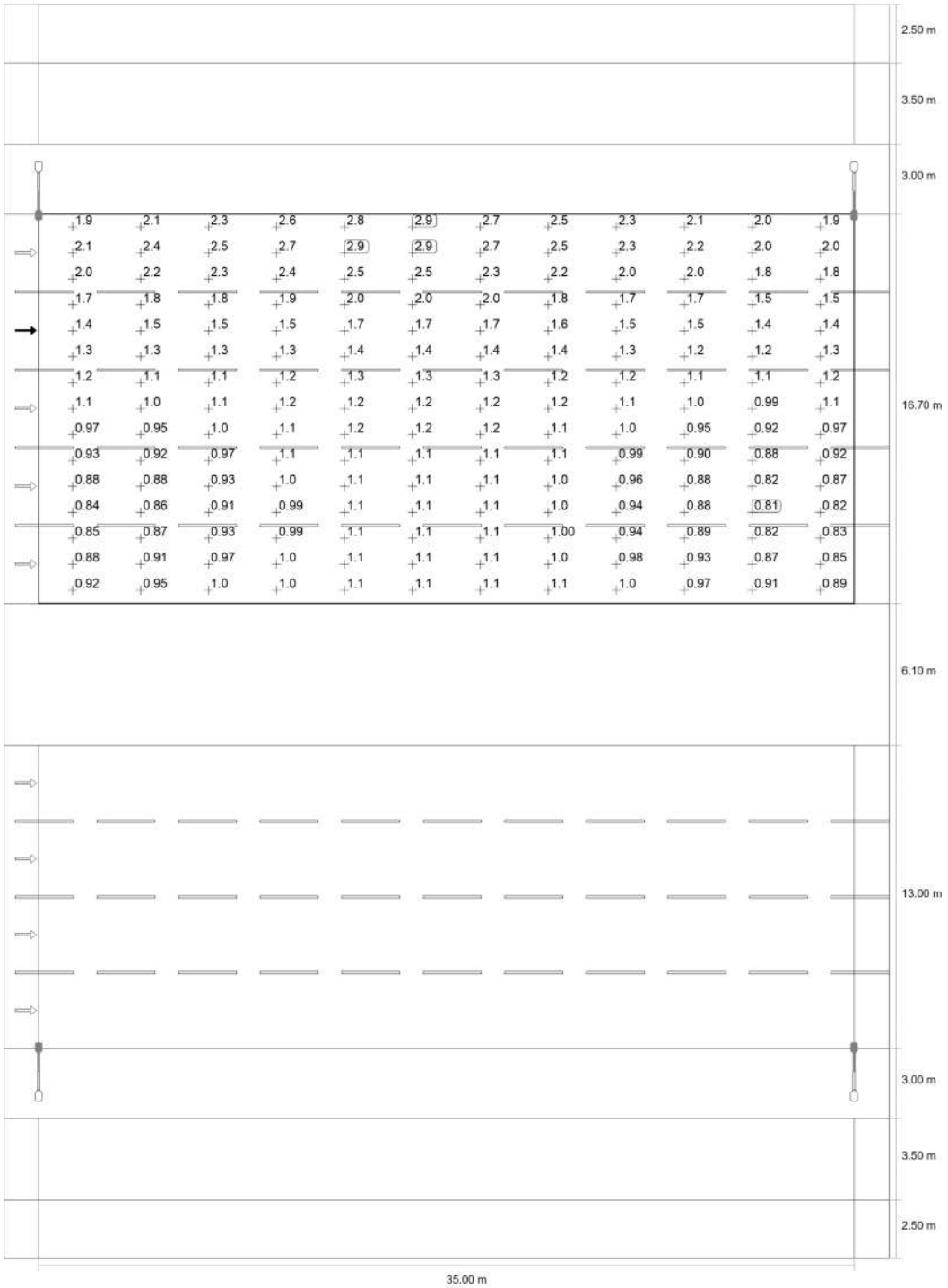
Taikos pr. praplatėjimas ties Dubysos g. (M3)



Observer 4: Luminance with new installation [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas ties Dubysos g.

Taikos pr. praplatėjimas ties Dubysos g. (M3)



Observer 4: Luminance with new installation [cd/m²] (Value grid)

Taikos pr. praplatėjimas ties Dubysos g.

Taikos pr. praplatėjimas ties Dubysos g. (M3)

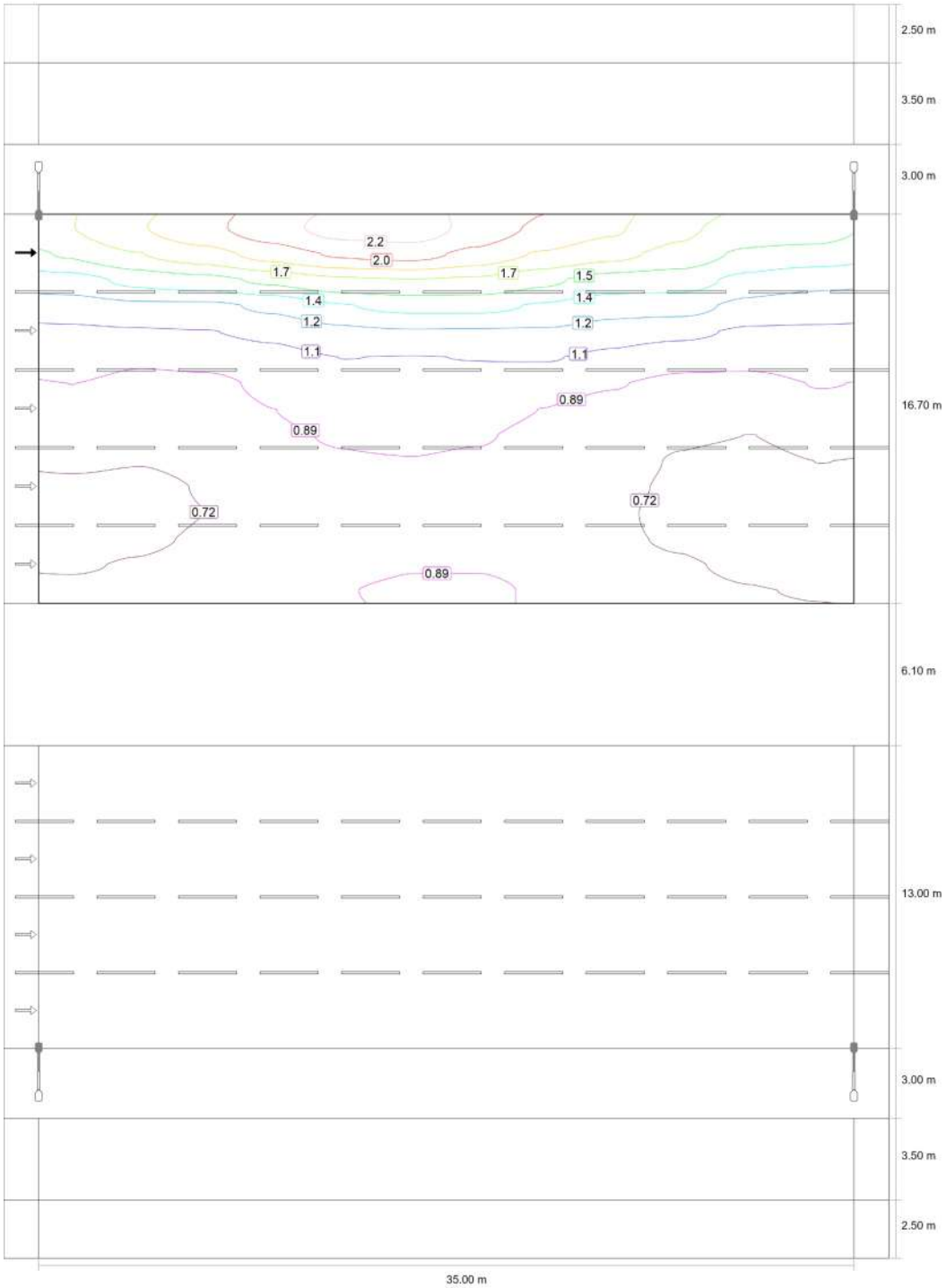
m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
44.243	1.90	2.10	2.32	2.58	2.81	2.85	2.69	2.49	2.34	2.13	1.98	1.95
43.130	2.15	2.39	2.53	2.72	2.88	2.87	2.66	2.48	2.31	2.15	1.99	1.98
42.017	1.99	2.17	2.25	2.38	2.49	2.47	2.33	2.16	2.00	1.95	1.82	1.77
40.903	1.65	1.78	1.84	1.91	1.98	2.00	1.98	1.83	1.71	1.69	1.54	1.52
39.790	1.44	1.47	1.47	1.54	1.66	1.66	1.66	1.60	1.50	1.46	1.36	1.39
38.677	1.28	1.26	1.28	1.34	1.44	1.42	1.41	1.42	1.32	1.24	1.21	1.26
37.563	1.16	1.11	1.15	1.23	1.29	1.29	1.27	1.24	1.18	1.09	1.09	1.16
36.450	1.07	1.02	1.06	1.16	1.22	1.22	1.20	1.15	1.08	1.02	0.99	1.06
35.337	0.97	0.95	1.01	1.11	1.17	1.17	1.16	1.10	1.01	0.95	0.92	0.97
34.223	0.93	0.92	0.97	1.07	1.12	1.14	1.12	1.05	0.99	0.90	0.88	0.92
33.110	0.88	0.88	0.93	1.02	1.08	1.11	1.08	1.02	0.96	0.88	0.82	0.87
31.997	0.84	0.86	0.91	0.99	1.06	1.09	1.06	1.01	0.94	0.88	0.81	0.82
30.883	0.85	0.87	0.93	0.99	1.05	1.08	1.06	1.00	0.94	0.89	0.82	0.83
29.770	0.88	0.91	0.97	1.02	1.05	1.08	1.07	1.01	0.98	0.93	0.87	0.85
28.657	0.92	0.95	1.01	1.05	1.08	1.13	1.12	1.07	1.03	0.97	0.91	0.89

Observer 4: Luminance with new installation [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 4: Luminance with new installation	1.38 cd/m²	0.81 cd/m²	2.88 cd/m²	0.58	0.28

Taikos pr. praplatėjimas ties Dubysos g.

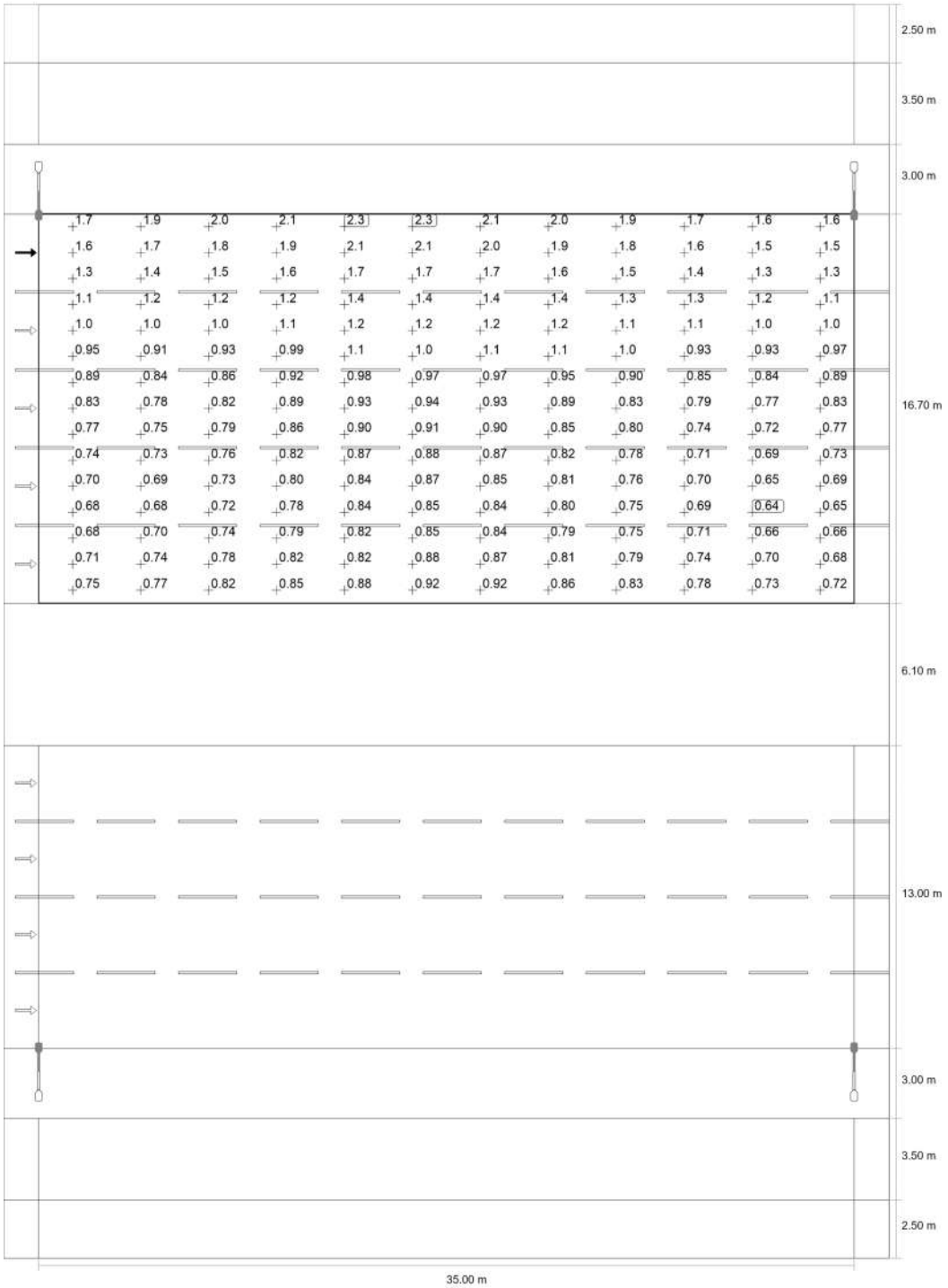
Taikos pr. praplatėjimas ties Dubysos g. (M3)



Observer 5: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas ties Dubysos g.

Taikos pr. praplatėjimas ties Dubysos g. (M3)



Observer 5: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

Taikos pr. praplatėjimas ties Dubysos g.

Taikos pr. praplatėjimas ties Dubysos g. (M3)

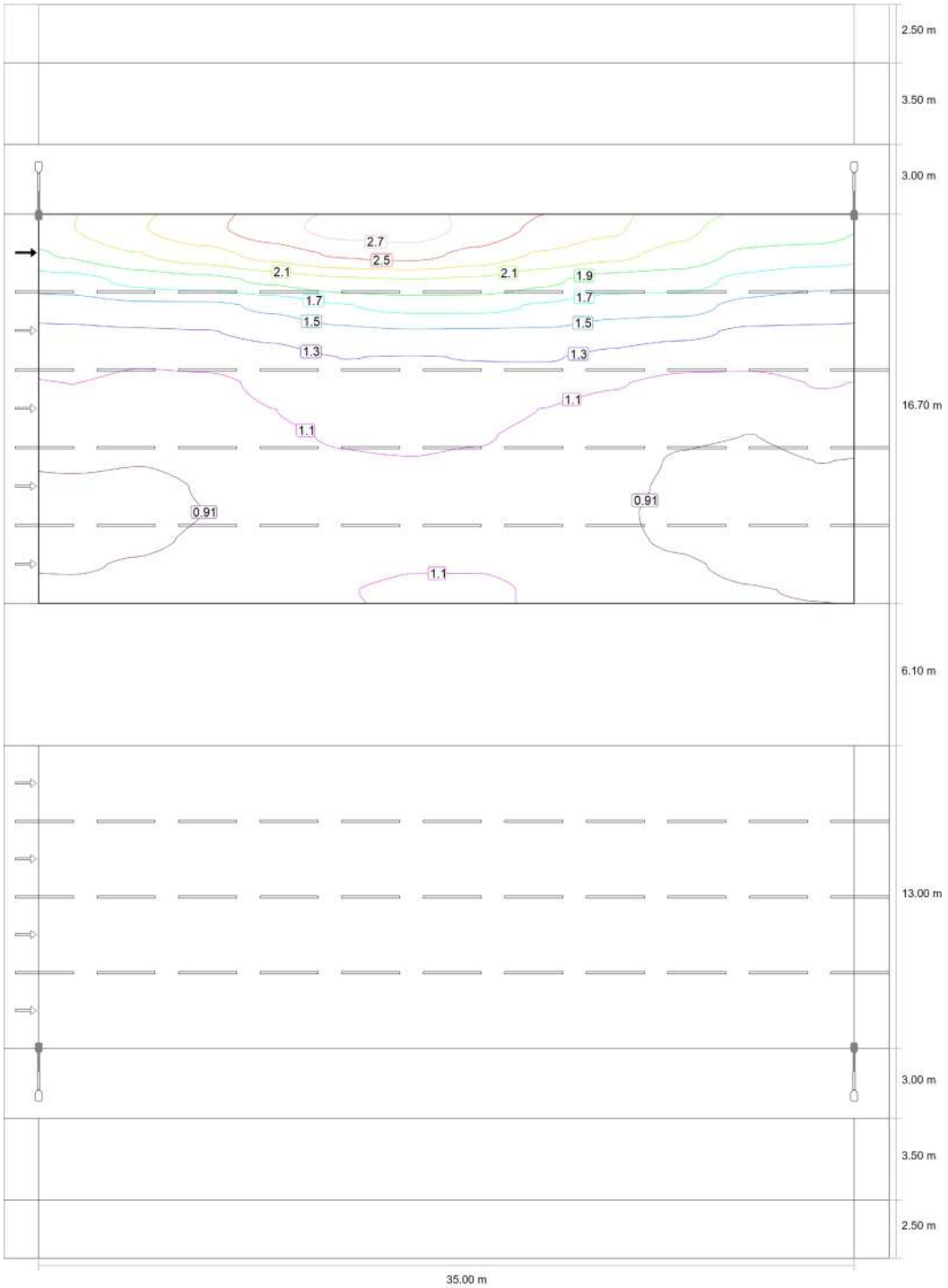
m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
44.243	1.70	1.85	1.99	2.13	2.26	2.28	2.14	2.00	1.89	1.74	1.63	1.61
43.130	1.56	1.70	1.80	1.94	2.06	2.09	1.98	1.85	1.76	1.64	1.51	1.48
42.017	1.31	1.43	1.49	1.58	1.68	1.70	1.68	1.58	1.47	1.45	1.32	1.26
40.903	1.14	1.18	1.18	1.25	1.37	1.42	1.42	1.36	1.28	1.27	1.16	1.13
39.790	1.02	1.03	1.05	1.09	1.17	1.20	1.20	1.19	1.13	1.09	1.02	1.02
38.677	0.95	0.91	0.93	0.99	1.05	1.05	1.06	1.06	1.00	0.93	0.93	0.97
37.563	0.89	0.84	0.86	0.92	0.98	0.97	0.97	0.95	0.90	0.85	0.84	0.89
36.450	0.83	0.78	0.82	0.89	0.93	0.94	0.93	0.89	0.83	0.79	0.77	0.83
35.337	0.77	0.75	0.79	0.86	0.90	0.91	0.90	0.85	0.80	0.74	0.72	0.77
34.223	0.74	0.73	0.76	0.82	0.87	0.88	0.87	0.82	0.78	0.71	0.69	0.73
33.110	0.70	0.69	0.73	0.80	0.84	0.87	0.85	0.81	0.76	0.70	0.65	0.69
31.997	0.68	0.68	0.72	0.78	0.84	0.85	0.84	0.80	0.75	0.69	0.64	0.65
30.883	0.68	0.70	0.74	0.79	0.82	0.85	0.84	0.79	0.75	0.71	0.66	0.66
29.770	0.71	0.74	0.78	0.82	0.82	0.88	0.87	0.81	0.79	0.74	0.70	0.68
28.657	0.75	0.77	0.82	0.85	0.88	0.92	0.92	0.86	0.83	0.78	0.73	0.72

Observer 5: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 5: Maintenance value, luminance with dry roadway	1.05 cd/m²	0.64 cd/m²	2.28 cd/m²	0.61	0.28

Taikos pr. praplatėjimas ties Dubysos g.

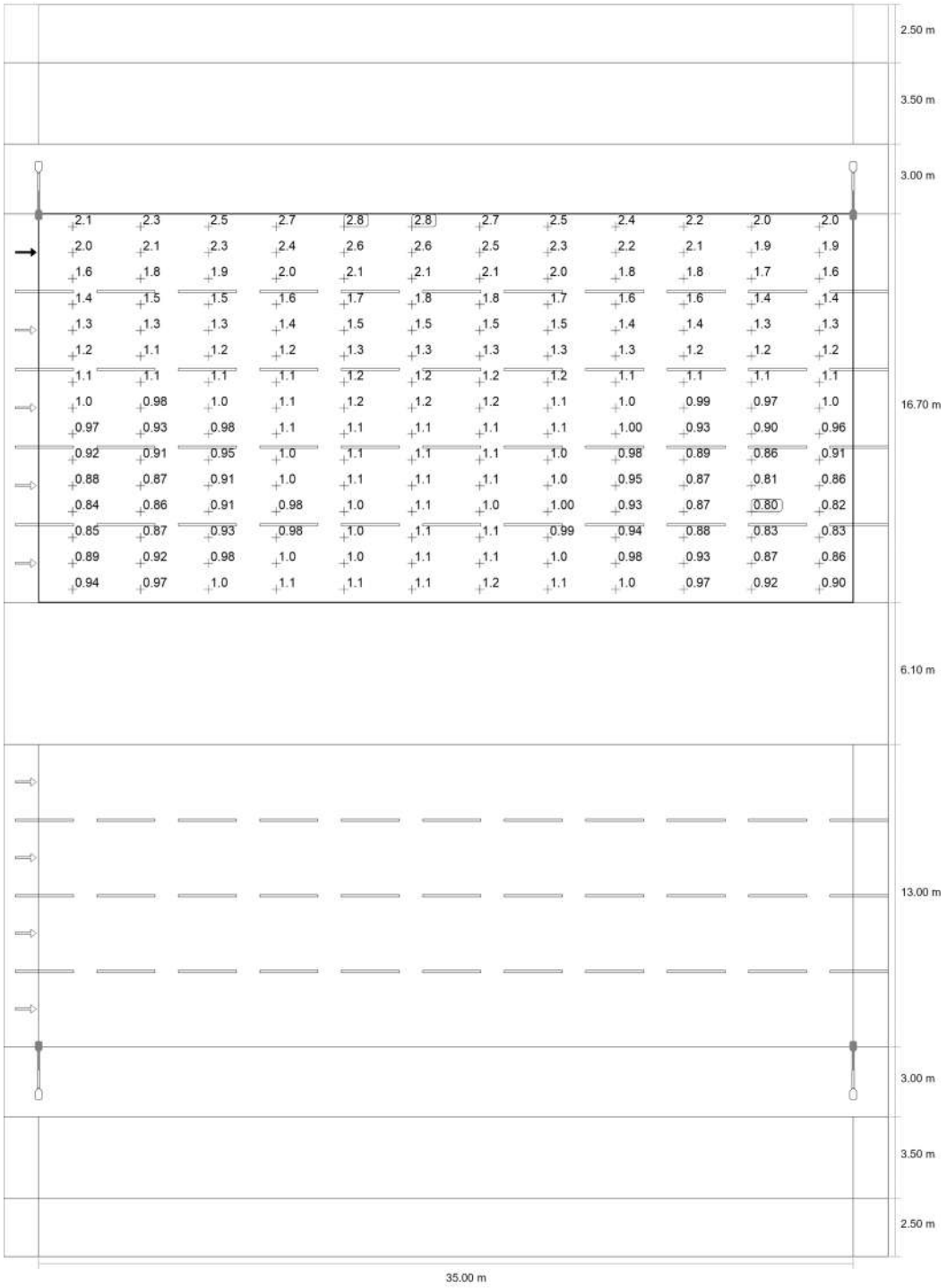
Taikos pr. praplatėjimas ties Dubysos g. (M3)



Observer 5: Luminance with new installation [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas ties Dubysos g.

Taikos pr. praplatėjimas ties Dubysos g. (M3)



Observer 5: Luminance with new installation [cd/m²] (Value grid)

Taikos pr. praplatėjimas ties Dubysos g.

Taikos pr. praplatėjimas ties Dubysos g. (M3)

m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
44.243	2.13	2.32	2.48	2.66	2.83	2.85	2.68	2.50	2.36	2.18	2.04	2.02
43.130	1.96	2.12	2.25	2.42	2.57	2.62	2.47	2.31	2.20	2.06	1.88	1.85
42.017	1.64	1.78	1.86	1.98	2.10	2.13	2.10	1.97	1.84	1.81	1.66	1.57
40.903	1.42	1.48	1.48	1.56	1.71	1.77	1.77	1.70	1.60	1.59	1.45	1.42
39.790	1.27	1.29	1.31	1.36	1.46	1.50	1.50	1.49	1.41	1.37	1.28	1.28
38.677	1.18	1.14	1.16	1.23	1.32	1.31	1.32	1.32	1.25	1.17	1.16	1.21
37.563	1.11	1.05	1.07	1.15	1.22	1.22	1.22	1.18	1.12	1.06	1.05	1.12
36.450	1.03	0.98	1.02	1.11	1.17	1.17	1.16	1.11	1.04	0.99	0.97	1.04
35.337	0.97	0.93	0.98	1.07	1.12	1.14	1.12	1.06	1.00	0.93	0.90	0.96
34.223	0.92	0.91	0.95	1.03	1.09	1.10	1.09	1.03	0.98	0.89	0.86	0.91
33.110	0.88	0.87	0.91	1.00	1.06	1.09	1.06	1.01	0.95	0.87	0.81	0.86
31.997	0.84	0.86	0.91	0.98	1.04	1.07	1.04	1.00	0.93	0.87	0.80	0.82
30.883	0.85	0.87	0.93	0.98	1.03	1.06	1.05	0.99	0.94	0.88	0.83	0.83
29.770	0.89	0.92	0.98	1.02	1.03	1.10	1.09	1.01	0.98	0.93	0.87	0.86
28.657	0.94	0.97	1.02	1.06	1.10	1.15	1.15	1.07	1.04	0.97	0.92	0.90

Observer 5: Luminance with new installation [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 5: Luminance with new installation	1.31 cd/m²	0.80 cd/m²	2.85 cd/m²	0.61	0.28

Taikos pr. praplatėjimas ties Dubysos g.

Taikos pr. praplatėjimas ties Dubysos g. (M3)

Results for valuation field

	Symbol	Calculated	Target	Check
Taikos pr. praplatėjimas ties Dubysos g. (M3)	L_{av}	1.13 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.51	≥ 0.40	✓
	U_l	0.71	≥ 0.60	✓
	TI	12 %	≤ 15 %	✓
	R_{EI}	0.95	≥ 0.30	✓

Results for observer

	Symbol	Calculated	Target	Check
Observer 1 Position: -60.000 m, 10.625 m, 1.500 m	L_{av}	1.13 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.57	≥ 0.40	✓
	U_l	0.71	≥ 0.60	✓
	TI	12 %	≤ 15 %	✓
Observer 2 Position: -60.000 m, 13.875 m, 1.500 m	L_{av}	1.19 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.54	≥ 0.40	✓
	U_l	0.81	≥ 0.60	✓
	TI	10 %	≤ 15 %	✓
Observer 3 Position: -60.000 m, 17.125 m, 1.500 m	L_{av}	1.25 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.52	≥ 0.40	✓
	U_l	0.81	≥ 0.60	✓
	TI	7 %	≤ 15 %	✓

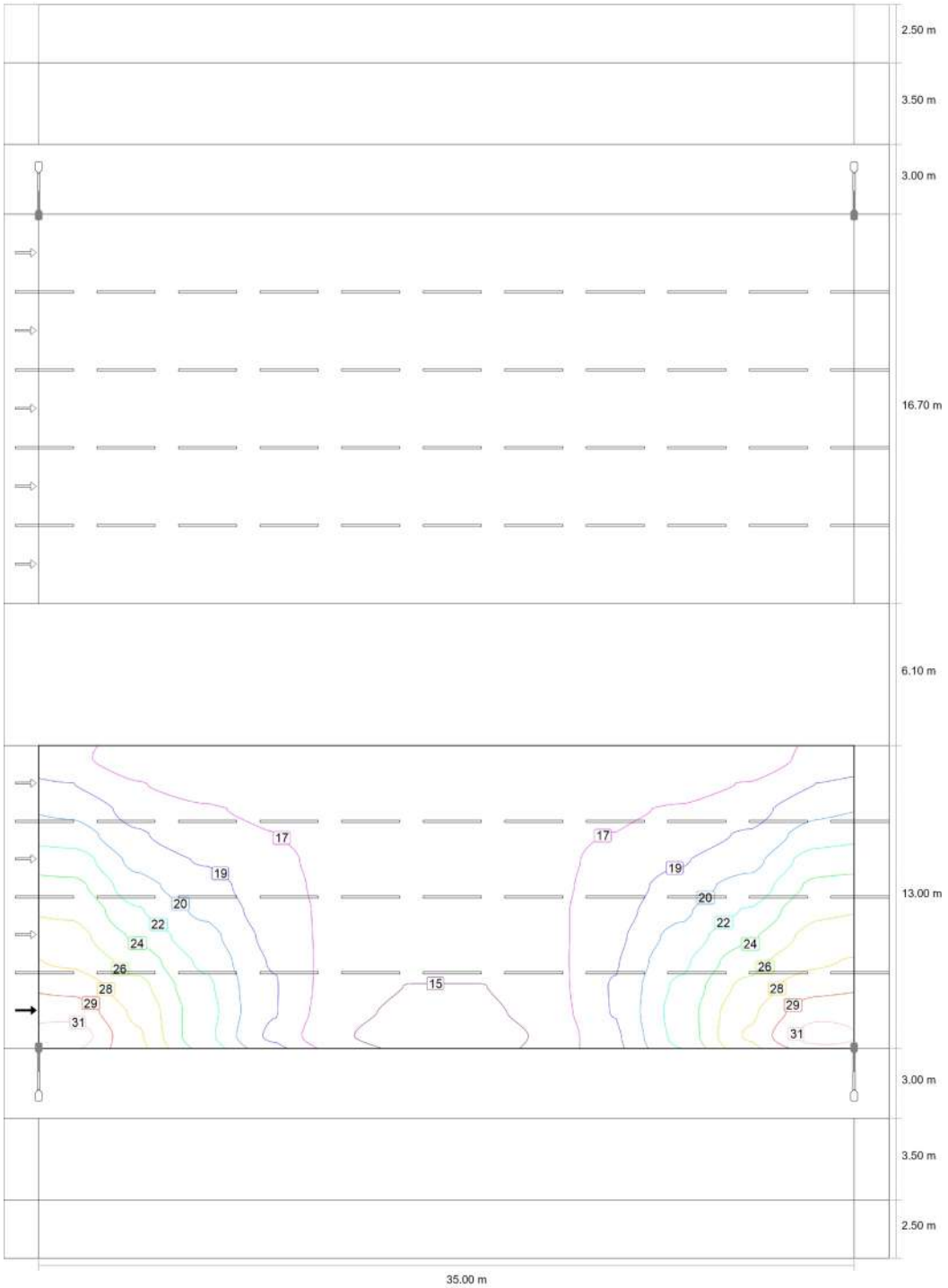
Taikos pr. praplatėjimas ties Dubysos g.

Taikos pr. praplatėjimas ties Dubysos g. (M3)

	Symbol	Calculated	Target	Check
Observer 4 Position: -60.000 m, 20.375 m, 1.500 m	L_{av}	1.30 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.51	≥ 0.40	✓
	U_l	0.73	≥ 0.60	✓
	TI	5 %	≤ 15 %	✓

Taikos pr. praplatėjimas ties Dubysos g.

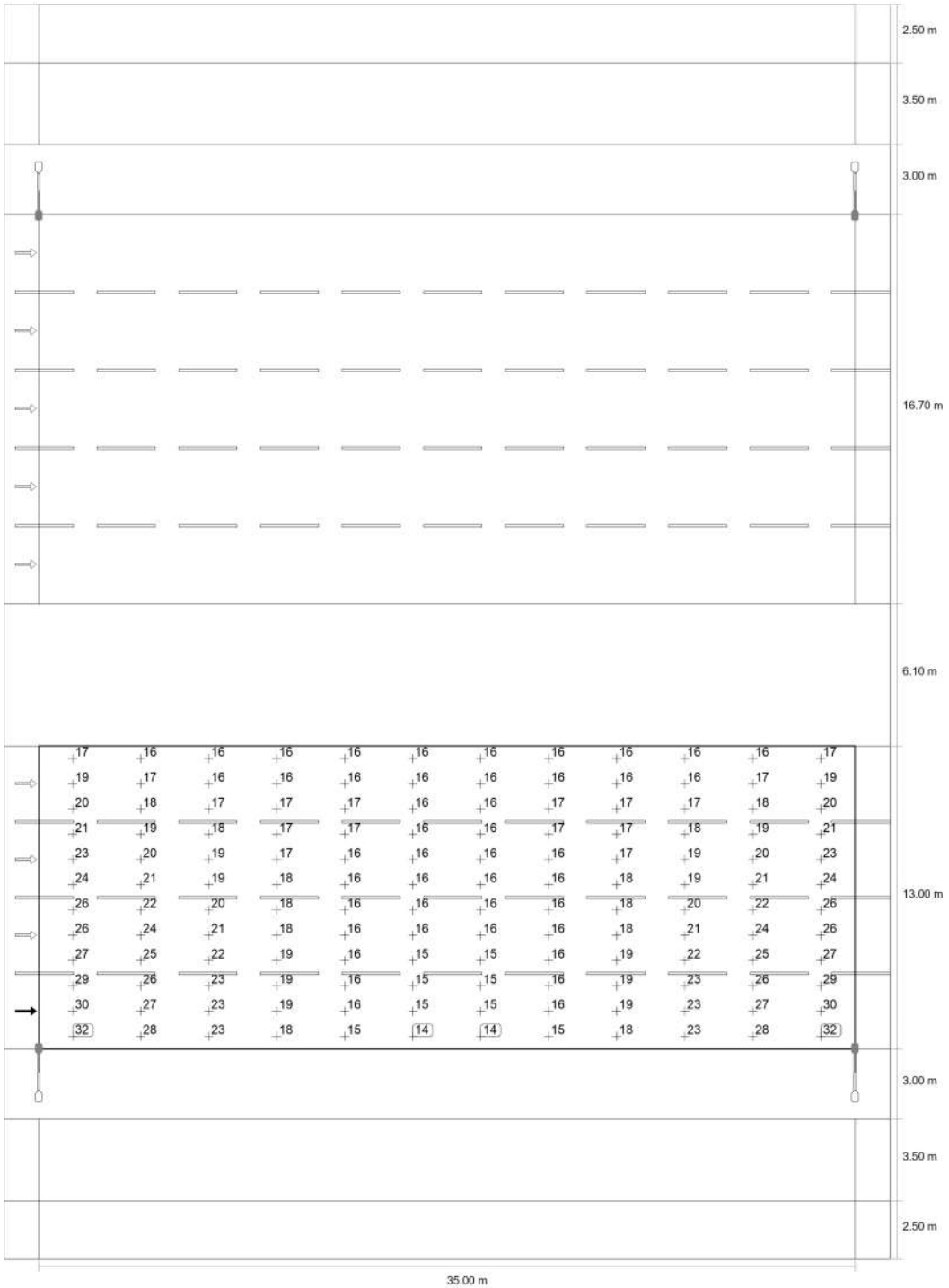
Taikos pr. praplatėjimas ties Dubysos g. (M3)



Maintenance value, horizontal illuminance [lx] (Iso-illuminance curves)

Taikos pr. praplatėjimas ties Dubysos g.

Taikos pr. praplatėjimas ties Dubysos g. (M3)



Maintenance value, horizontal illuminance [lx] (Value grid)

Taikos pr. praplatėjimas ties Dubysos g.

Taikos pr. praplatėjimas ties Dubysos g. (M3)

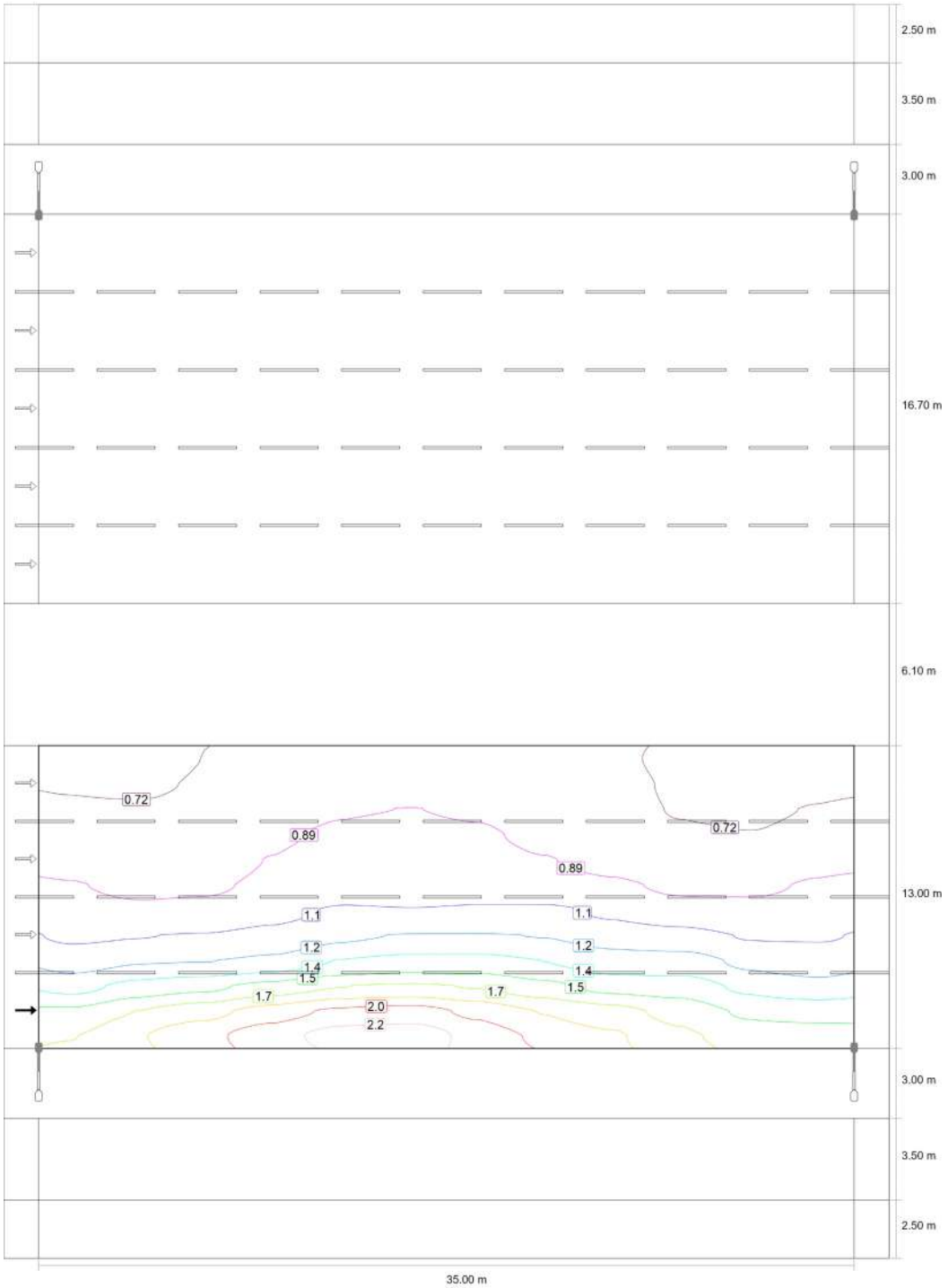
m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
21.458	17.38	16.04	15.72	15.86	16.25	16.48	16.48	16.25	15.86	15.72	16.04	17.38
20.375	18.72	17.02	16.39	16.22	16.40	16.45	16.45	16.40	16.22	16.39	17.02	18.72
19.292	20.10	18.04	17.08	16.70	16.54	16.31	16.31	16.54	16.70	17.08	18.04	20.10
18.208	21.41	18.91	17.73	16.96	16.60	16.19	16.19	16.60	16.96	17.73	18.91	21.41
17.125	23.12	19.95	18.56	17.29	16.50	16.09	16.09	16.50	17.29	18.56	19.95	23.12
16.042	24.43	21.12	19.47	17.61	16.45	15.93	15.93	16.45	17.61	19.47	21.12	24.43
14.958	25.54	22.37	20.15	17.90	16.46	15.78	15.78	16.46	17.90	20.15	22.37	25.54
13.875	26.33	23.71	21.05	18.26	16.33	15.66	15.66	16.33	18.26	21.05	23.71	26.33
12.792	27.25	25.07	21.89	18.55	16.25	15.45	15.45	16.25	18.55	21.89	25.07	27.25
11.708	28.79	26.29	22.58	18.79	16.08	15.15	15.15	16.08	18.79	22.58	26.29	28.79
10.625	30.45	27.18	22.93	18.77	15.85	14.84	14.84	15.85	18.77	22.93	27.18	30.45
9.542	31.94	27.75	22.72	18.40	15.41	14.29	14.29	15.41	18.40	22.72	27.75	31.94

Maintenance value, horizontal illuminance [lx] (Value chart)

	E_{av}	E_{min}	E_{max}	U_o (g_1)	g_2
Maintenance value, horizontal illuminance	19.3 lx	14.3 lx	31.9 lx	0.74	0.45

Taikos pr. praplatėjimas ties Dubysos g.

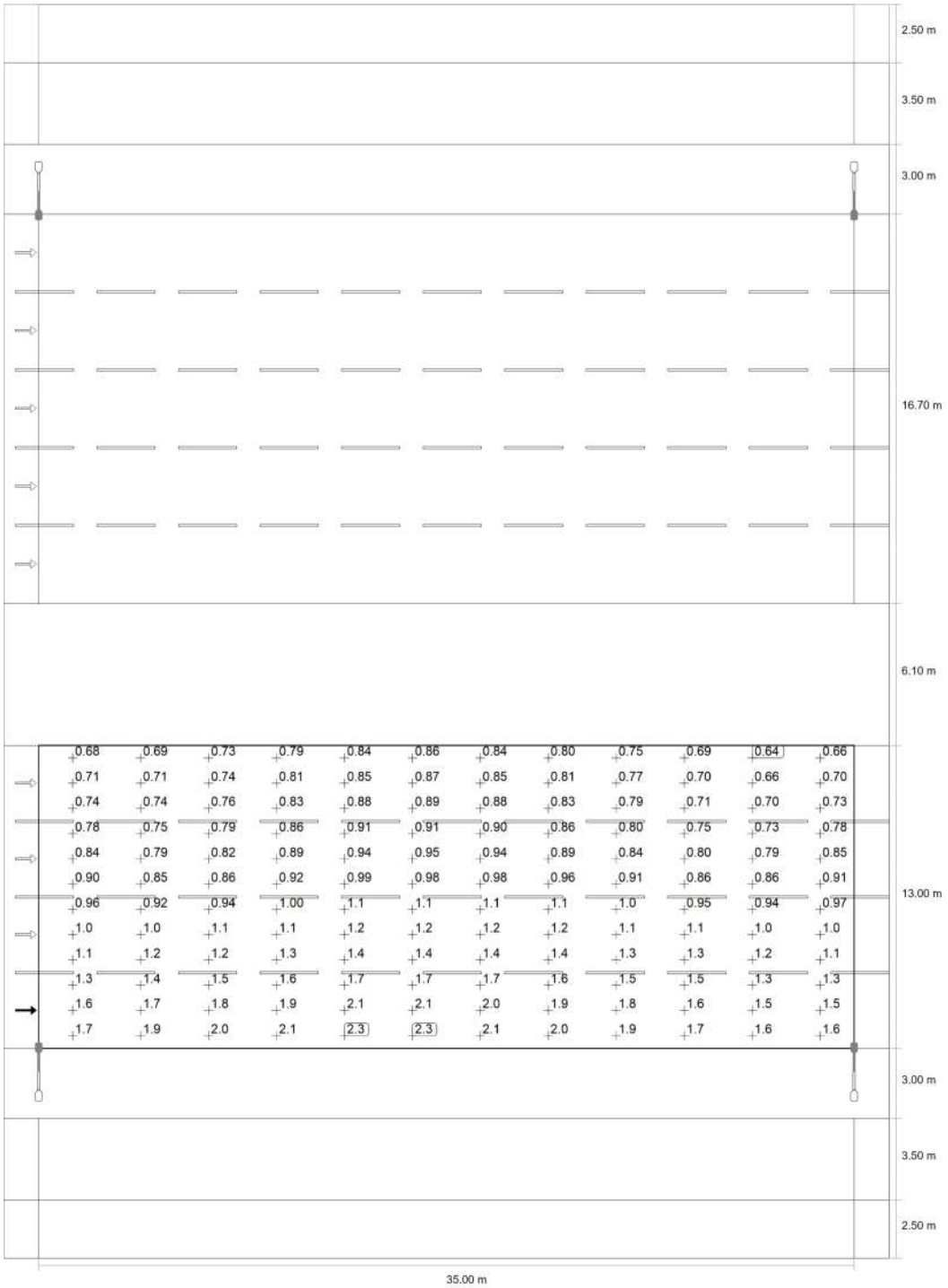
Taikos pr. praplatėjimas ties Dubysos g. (M3)



Observer 1: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas ties Dubysos g.

Taikos pr. praplatėjimas ties Dubysos g. (M3)



Observer 1: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

Taikos pr. praplatėjimas ties Dubysos g.

Taikos pr. praplatėjimas ties Dubysos g. (M3)

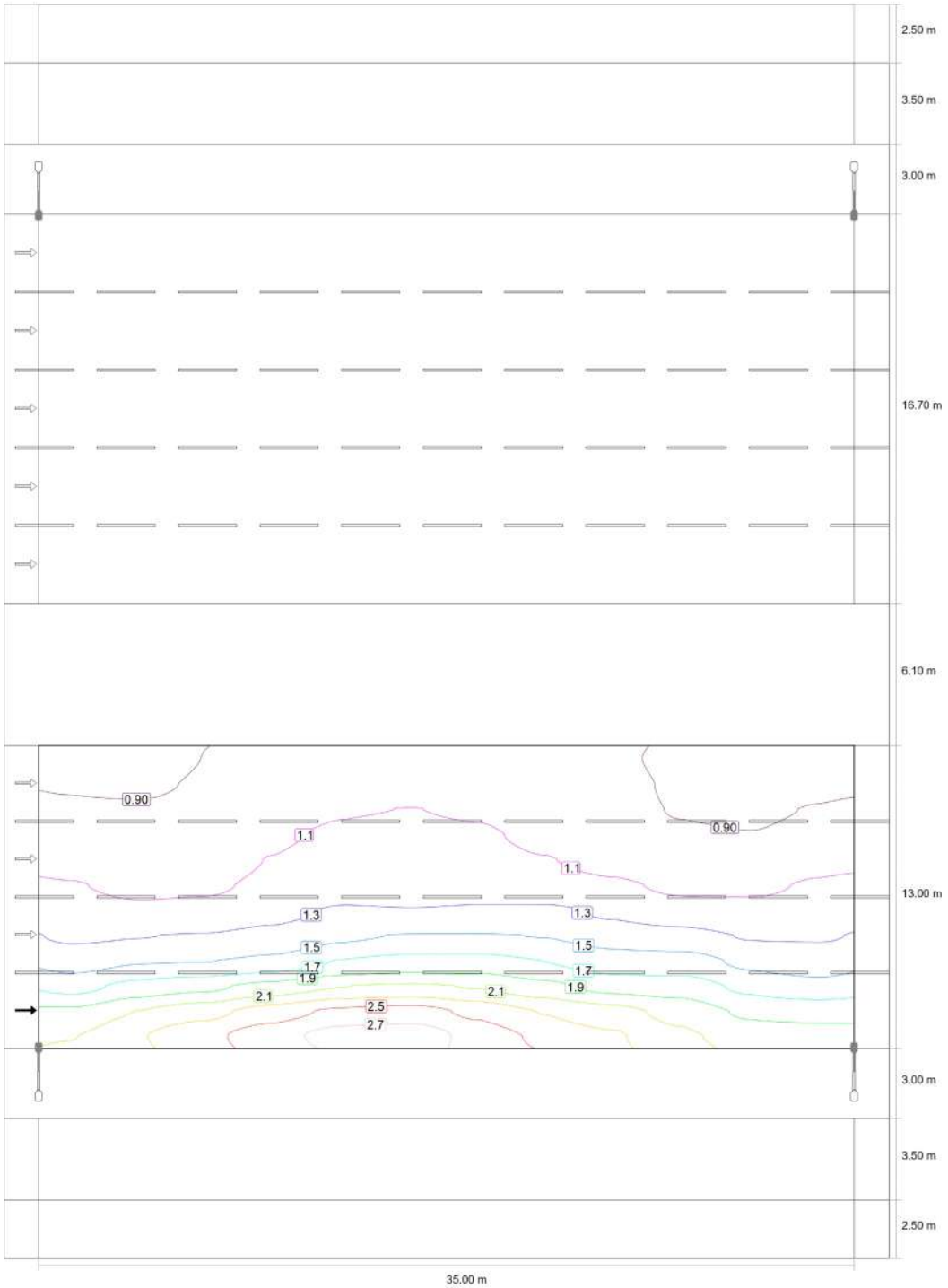
m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
21.458	0.68	0.69	0.73	0.79	0.84	0.86	0.84	0.80	0.75	0.69	0.64	0.66
20.375	0.71	0.71	0.74	0.81	0.85	0.87	0.85	0.81	0.77	0.70	0.66	0.70
19.292	0.74	0.74	0.76	0.83	0.88	0.89	0.88	0.83	0.79	0.71	0.70	0.73
18.208	0.78	0.75	0.79	0.86	0.91	0.91	0.90	0.86	0.80	0.75	0.73	0.78
17.125	0.84	0.79	0.82	0.89	0.94	0.95	0.94	0.89	0.84	0.80	0.79	0.85
16.042	0.90	0.85	0.86	0.92	0.99	0.98	0.98	0.96	0.91	0.86	0.86	0.91
14.958	0.96	0.92	0.94	1.00	1.07	1.06	1.07	1.08	1.02	0.95	0.94	0.97
13.875	1.03	1.04	1.06	1.11	1.18	1.22	1.22	1.21	1.15	1.11	1.04	1.04
12.792	1.15	1.20	1.21	1.26	1.39	1.44	1.44	1.38	1.30	1.29	1.17	1.14
11.708	1.32	1.44	1.50	1.60	1.70	1.73	1.69	1.59	1.48	1.46	1.34	1.27
10.625	1.57	1.71	1.81	1.95	2.07	2.10	1.99	1.86	1.76	1.65	1.51	1.49
9.542	1.70	1.85	1.98	2.12	2.26	2.28	2.14	2.00	1.89	1.74	1.63	1.61

Observer 1: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 1: Maintenance value, luminance with dry roadway	1.13 cd/m²	0.64 cd/m²	2.28 cd/m²	0.57	0.28

Taikos pr. praplatėjimas ties Dubysos g.

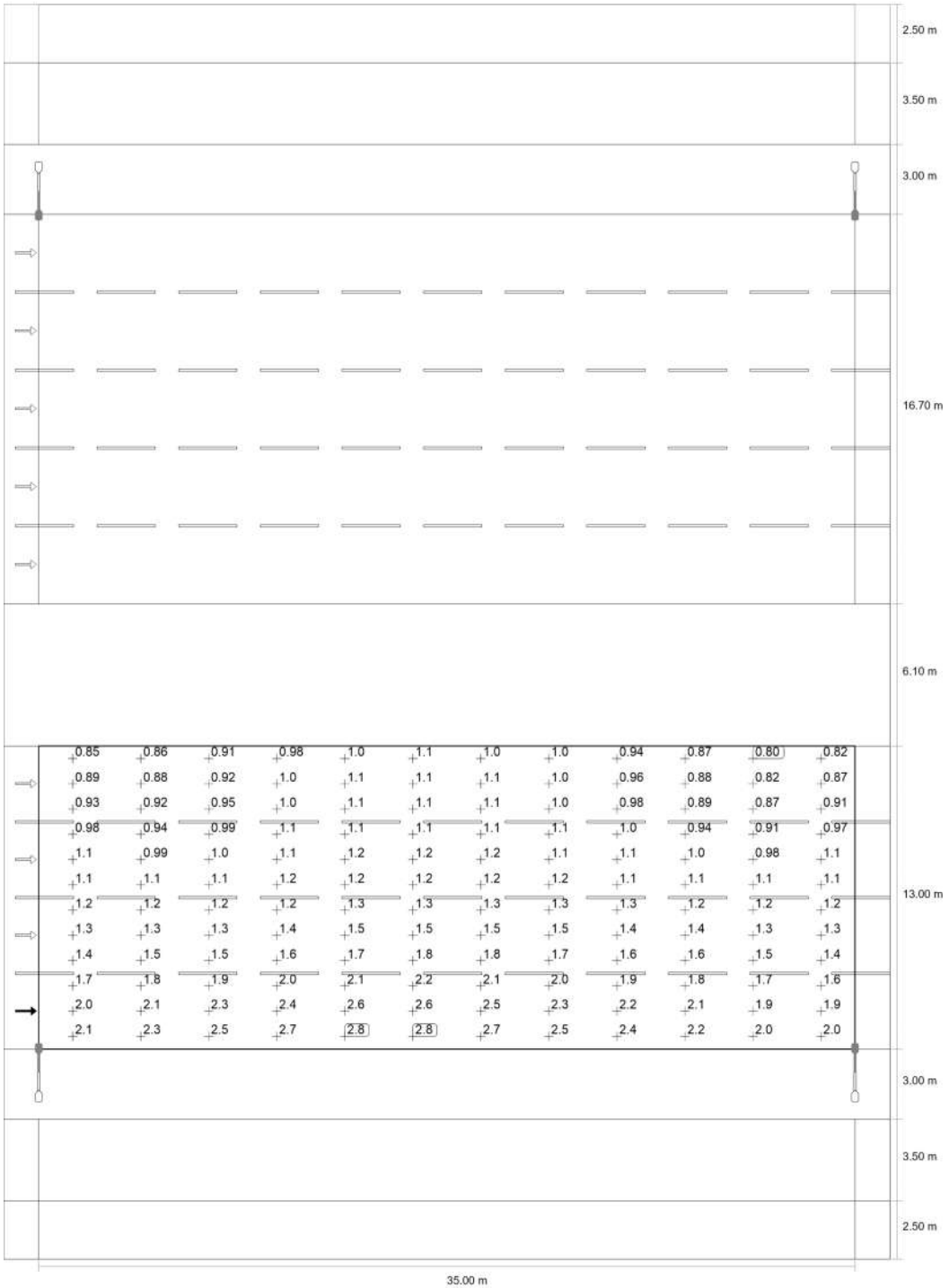
Taikos pr. praplatėjimas ties Dubysos g. (M3)



Observer 1: Luminance with new installation [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas ties Dubysos g.

Taikos pr. praplatėjimas ties Dubysos g. (M3)



Observer 1: Luminance with new installation [cd/m²] (Value grid)

Taikos pr. praplatėjimas ties Dubysos g.

Taikos pr. praplatėjimas ties Dubysos g. (M3)

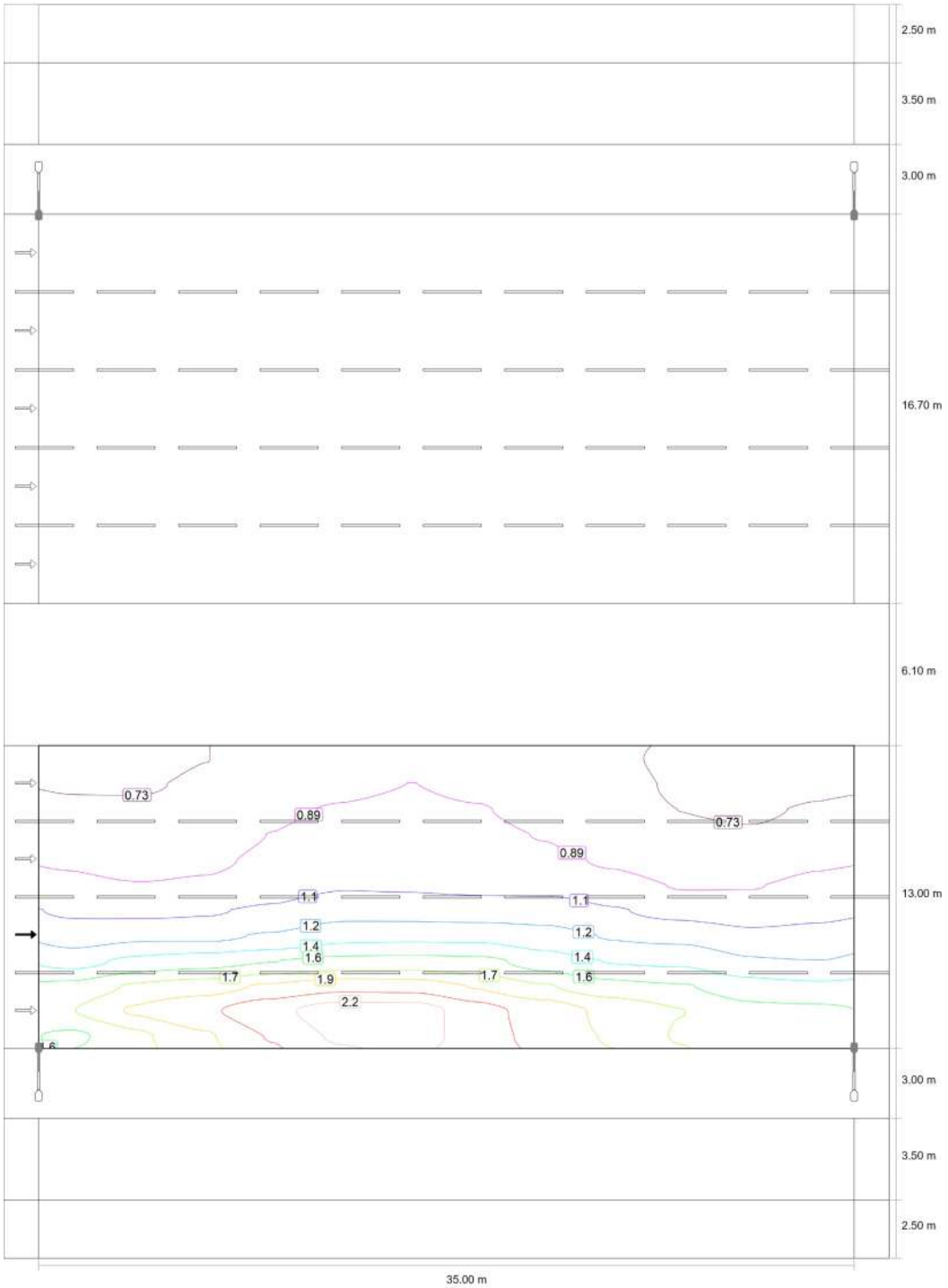
m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
21.458	0.85	0.86	0.91	0.98	1.05	1.07	1.05	1.00	0.94	0.87	0.80	0.82
20.375	0.89	0.88	0.92	1.01	1.06	1.09	1.07	1.02	0.96	0.88	0.82	0.87
19.292	0.93	0.92	0.95	1.04	1.10	1.11	1.09	1.04	0.98	0.89	0.87	0.91
18.208	0.98	0.94	0.99	1.08	1.13	1.14	1.13	1.07	1.00	0.94	0.91	0.97
17.125	1.05	0.99	1.03	1.12	1.18	1.18	1.17	1.12	1.05	1.00	0.98	1.06
16.042	1.12	1.07	1.08	1.15	1.24	1.23	1.23	1.20	1.14	1.07	1.07	1.13
14.958	1.20	1.15	1.17	1.25	1.34	1.32	1.34	1.35	1.27	1.19	1.17	1.22
13.875	1.28	1.31	1.33	1.38	1.48	1.53	1.53	1.51	1.43	1.39	1.30	1.29
12.792	1.44	1.50	1.51	1.58	1.73	1.80	1.80	1.72	1.62	1.61	1.47	1.43
11.708	1.65	1.80	1.88	2.00	2.12	2.16	2.12	1.99	1.85	1.82	1.67	1.59
10.625	1.96	2.13	2.26	2.43	2.58	2.63	2.48	2.32	2.21	2.06	1.89	1.86
9.542	2.12	2.31	2.48	2.66	2.83	2.85	2.68	2.50	2.37	2.18	2.04	2.02

Observer 1: Luminance with new installation [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 1: Luminance with new installation	1.41 cd/m²	0.80 cd/m²	2.85 cd/m²	0.57	0.28

Taikos pr. praplatėjimas ties Dubysos g.

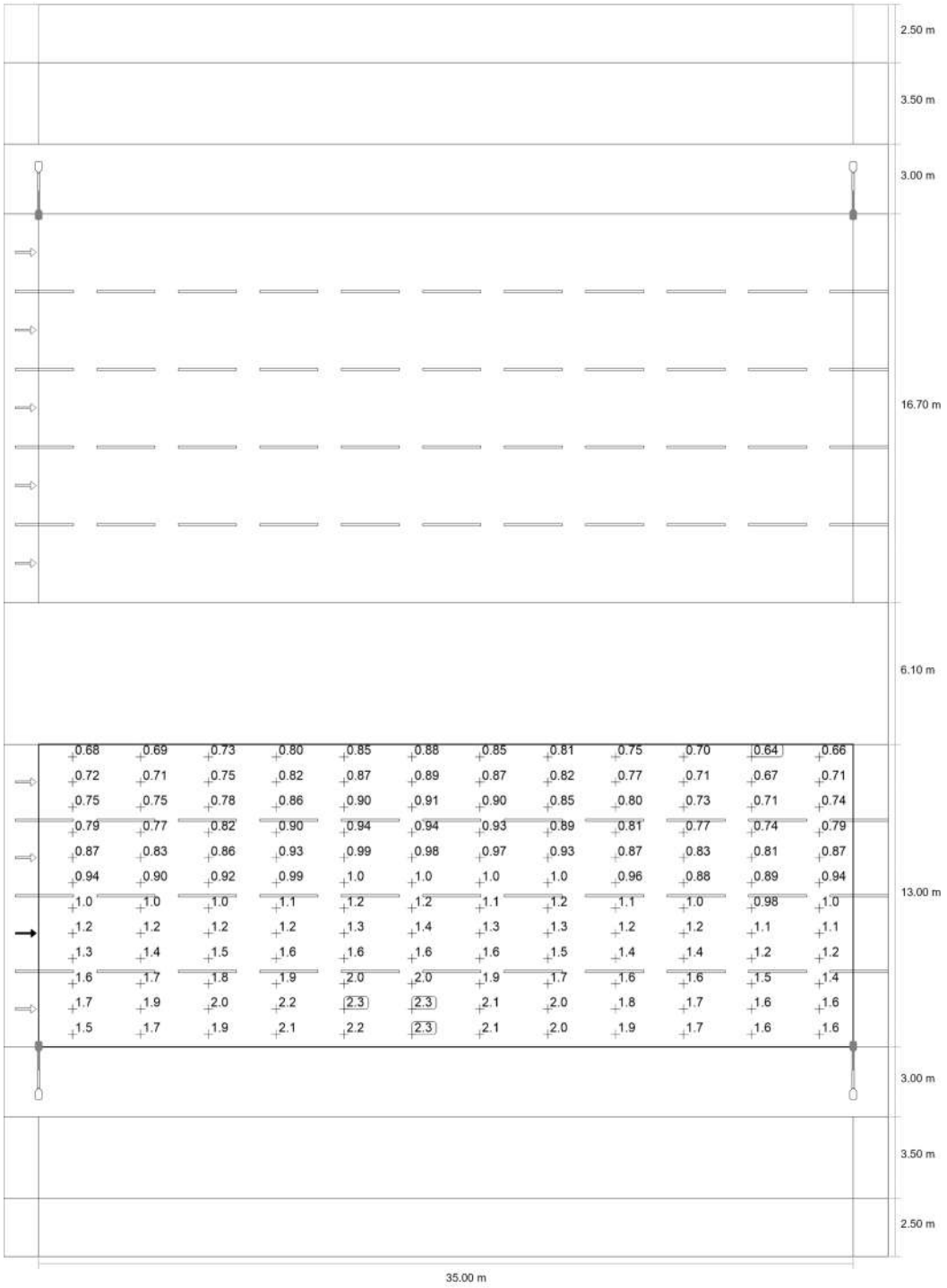
Taikos pr. praplatėjimas ties Dubysos g. (M3)



Observer 2: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas ties Dubysos g.

Taikos pr. praplatėjimas ties Dubysos g. (M3)



Observer 2: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

Taikos pr. praplatėjimas ties Dubysos g.

Taikos pr. praplatėjimas ties Dubysos g. (M3)

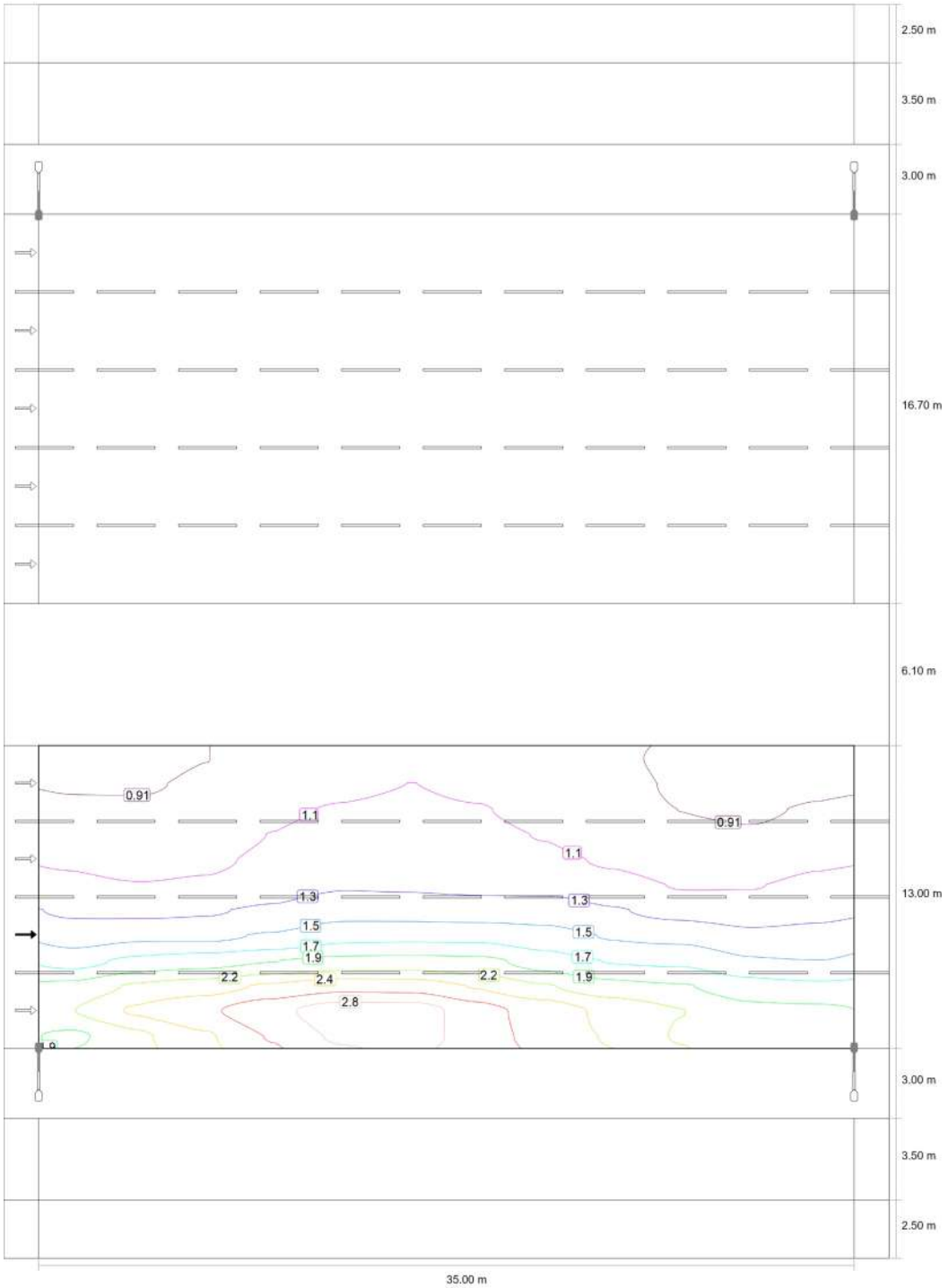
m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
21.458	0.68	0.69	0.73	0.80	0.85	0.88	0.85	0.81	0.75	0.70	0.64	0.66
20.375	0.72	0.71	0.75	0.82	0.87	0.89	0.87	0.82	0.77	0.71	0.67	0.71
19.292	0.75	0.75	0.78	0.86	0.90	0.91	0.90	0.85	0.80	0.73	0.71	0.74
18.208	0.79	0.77	0.82	0.90	0.94	0.94	0.93	0.89	0.81	0.77	0.74	0.79
17.125	0.87	0.83	0.86	0.93	0.99	0.98	0.97	0.93	0.87	0.83	0.81	0.87
16.042	0.94	0.90	0.92	0.99	1.05	1.04	1.03	1.01	0.96	0.88	0.89	0.94
14.958	1.03	1.03	1.04	1.09	1.17	1.16	1.15	1.15	1.07	1.01	0.98	1.01
13.875	1.16	1.19	1.19	1.25	1.35	1.36	1.35	1.29	1.21	1.18	1.10	1.12
12.792	1.33	1.44	1.49	1.55	1.61	1.62	1.60	1.48	1.38	1.36	1.25	1.22
11.708	1.60	1.75	1.81	1.92	2.00	1.99	1.87	1.74	1.62	1.57	1.46	1.43
10.625	1.72	1.91	2.02	2.17	2.30	2.30	2.13	1.98	1.85	1.72	1.59	1.58
9.542	1.53	1.69	1.86	2.07	2.25	2.28	2.15	1.99	1.87	1.70	1.58	1.56

Observer 2: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 2: Maintenance value, luminance with dry roadway	1.19 cd/m²	0.64 cd/m²	2.30 cd/m²	0.54	0.28

Taikos pr. praplatėjimas ties Dubysos g.

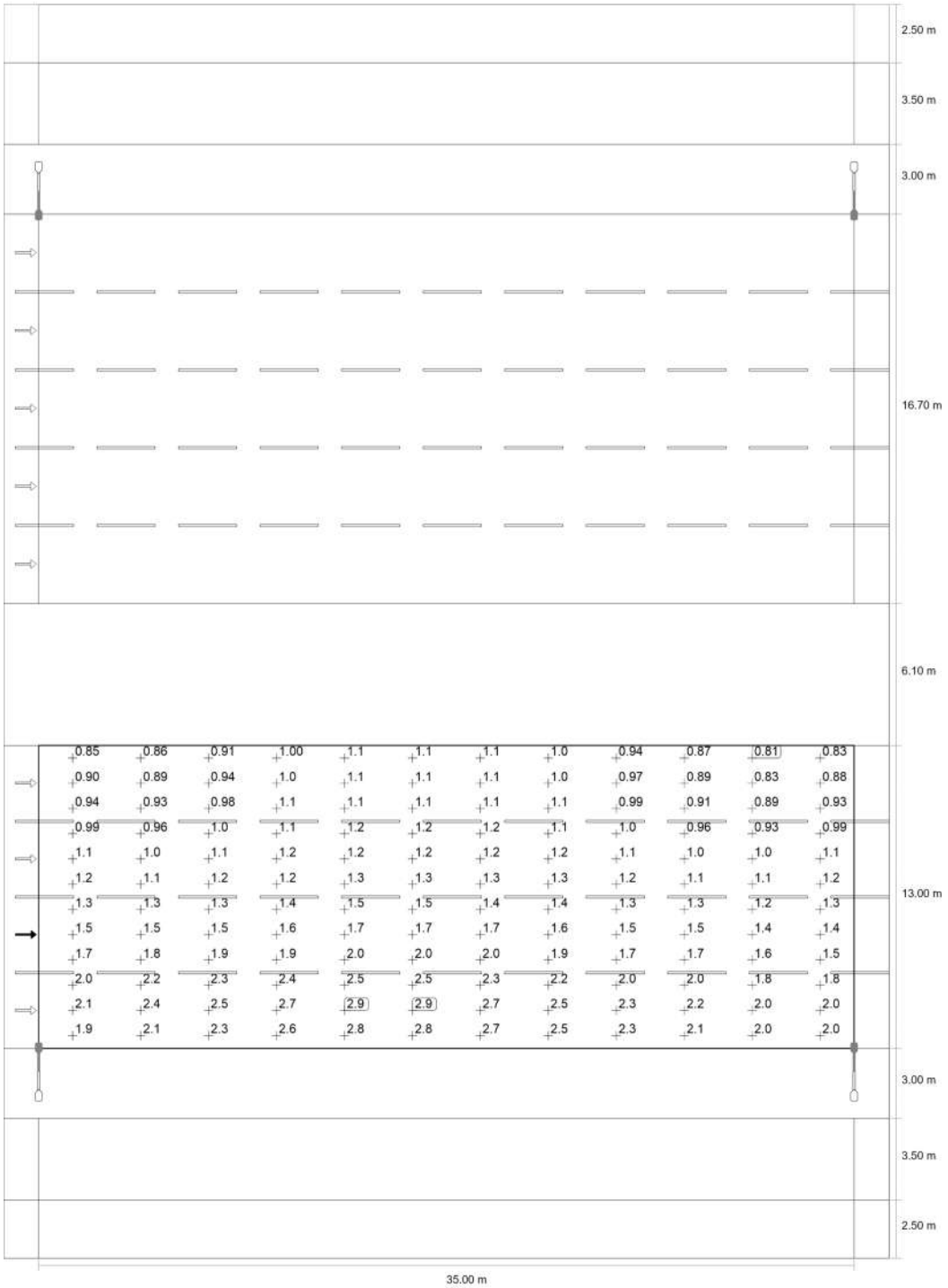
Taikos pr. praplatėjimas ties Dubysos g. (M3)



Observer 2: Luminance with new installation [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas ties Dubysos g.

Taikos pr. praplatėjimas ties Dubysos g. (M3)



Observer 2: Luminance with new installation [cd/m²] (Value grid)

Taikos pr. praplatėjimas ties Dubysos g.

Taikos pr. praplatėjimas ties Dubysos g. (M3)

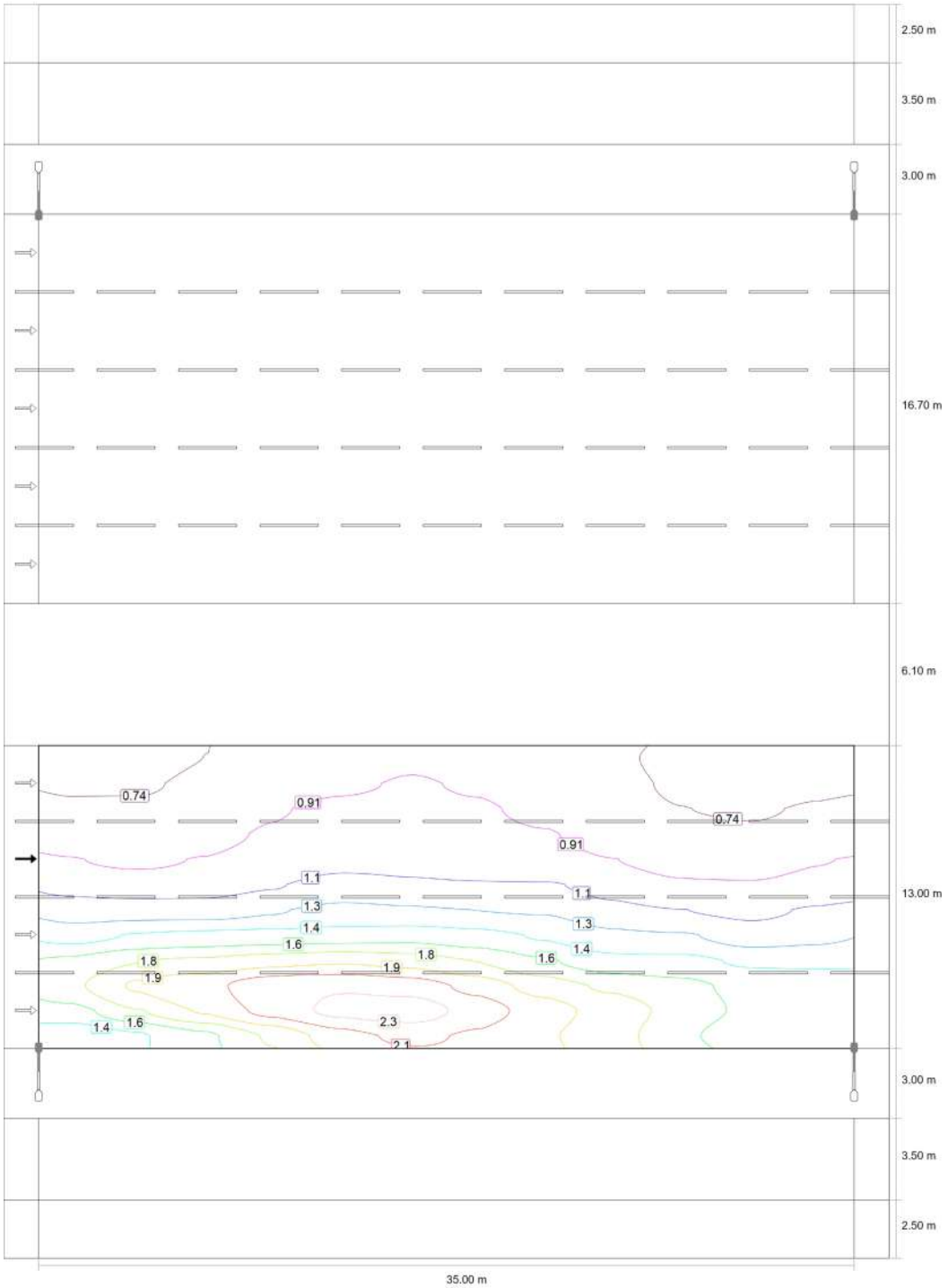
m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
21.458	0.85	0.86	0.91	1.00	1.06	1.10	1.06	1.01	0.94	0.87	0.81	0.83
20.375	0.90	0.89	0.94	1.03	1.09	1.12	1.09	1.03	0.97	0.89	0.83	0.88
19.292	0.94	0.93	0.98	1.08	1.13	1.14	1.12	1.06	0.99	0.91	0.89	0.93
18.208	0.99	0.96	1.02	1.12	1.18	1.18	1.16	1.11	1.02	0.96	0.93	0.99
17.125	1.09	1.04	1.08	1.16	1.23	1.23	1.21	1.17	1.09	1.03	1.01	1.08
16.042	1.18	1.13	1.16	1.24	1.31	1.30	1.28	1.26	1.20	1.10	1.11	1.18
14.958	1.29	1.28	1.30	1.36	1.46	1.45	1.43	1.44	1.34	1.26	1.23	1.27
13.875	1.45	1.49	1.48	1.56	1.68	1.69	1.69	1.62	1.51	1.48	1.38	1.40
12.792	1.66	1.80	1.86	1.94	2.01	2.02	2.00	1.85	1.73	1.71	1.56	1.53
11.708	2.00	2.18	2.26	2.40	2.50	2.49	2.34	2.17	2.02	1.96	1.83	1.78
10.625	2.15	2.39	2.53	2.72	2.88	2.87	2.66	2.48	2.31	2.16	1.99	1.98
9.542	1.91	2.11	2.33	2.58	2.81	2.85	2.69	2.49	2.34	2.13	1.98	1.95

Observer 2: Luminance with new installation [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 2: Luminance with new installation	1.49 cd/m²	0.81 cd/m²	2.88 cd/m²	0.54	0.28

Taikos pr. praplatėjimas ties Dubysos g.

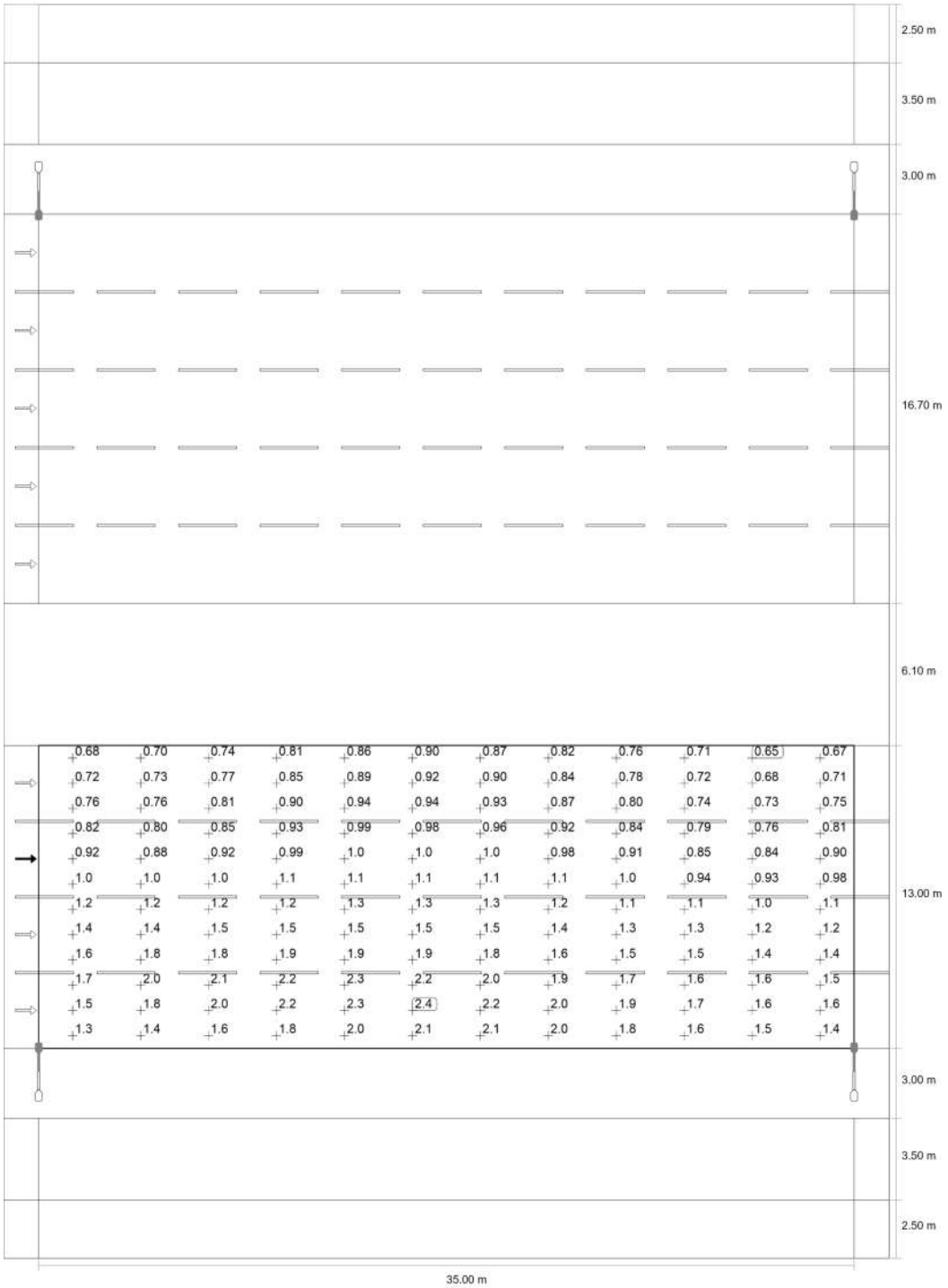
Taikos pr. praplatėjimas ties Dubysos g. (M3)



Observer 3: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas ties Dubysos g.

Taikos pr. praplatėjimas ties Dubysos g. (M3)



Observer 3: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

Taikos pr. praplatėjimas ties Dubysos g.

Taikos pr. praplatėjimas ties Dubysos g. (M3)

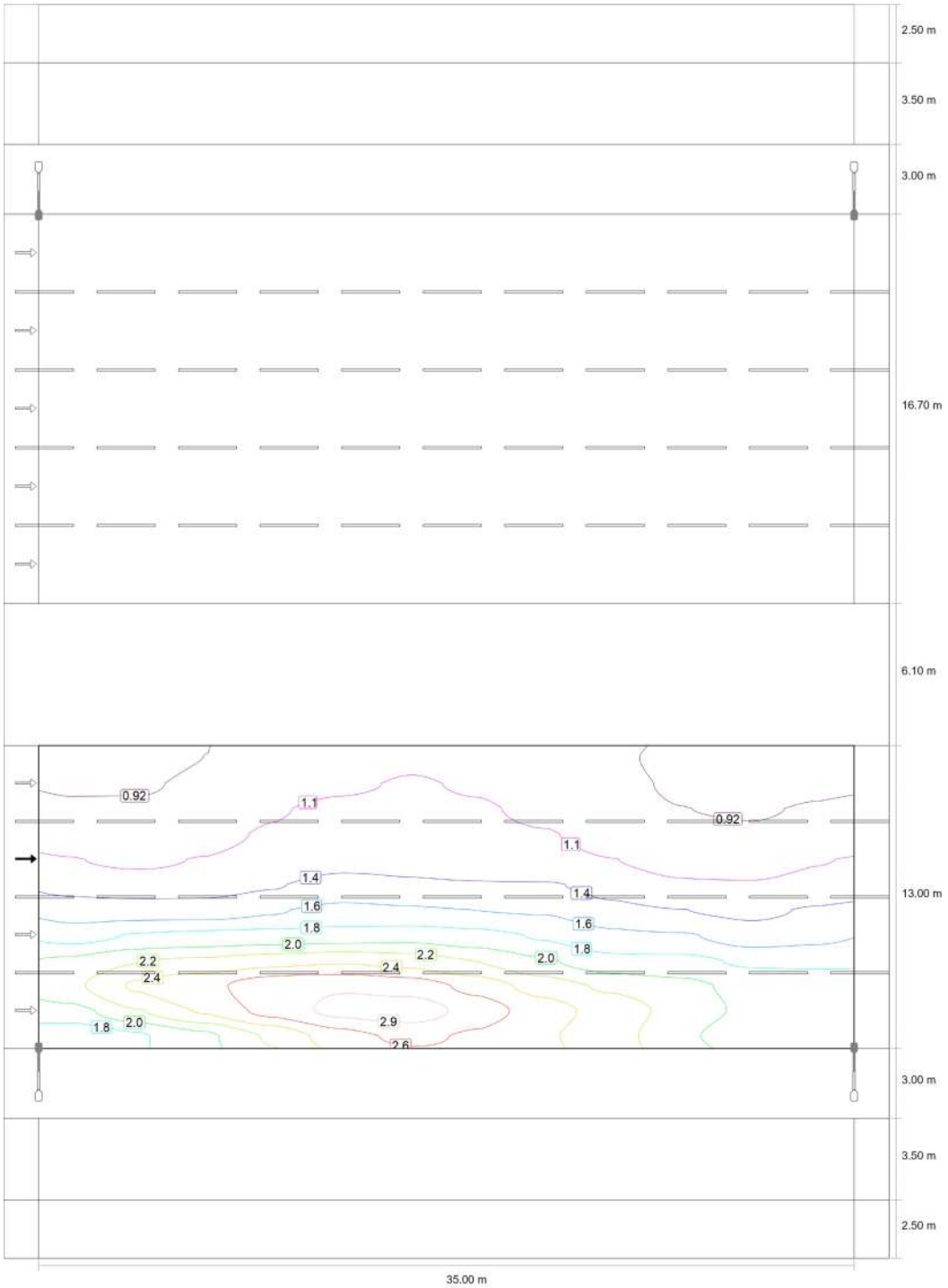
m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
21.458	0.68	0.70	0.74	0.81	0.86	0.90	0.87	0.82	0.76	0.71	0.65	0.67
20.375	0.72	0.73	0.77	0.85	0.89	0.92	0.90	0.84	0.78	0.72	0.68	0.71
19.292	0.76	0.76	0.81	0.90	0.94	0.94	0.93	0.87	0.80	0.74	0.73	0.75
18.208	0.82	0.80	0.85	0.93	0.99	0.98	0.96	0.92	0.84	0.79	0.76	0.81
17.125	0.92	0.88	0.92	0.99	1.04	1.03	1.01	0.98	0.91	0.85	0.84	0.90
16.042	1.02	1.01	1.02	1.07	1.15	1.11	1.10	1.09	1.02	0.94	0.93	0.98
14.958	1.19	1.18	1.17	1.24	1.31	1.28	1.25	1.24	1.14	1.08	1.05	1.10
13.875	1.35	1.44	1.48	1.50	1.52	1.54	1.49	1.40	1.30	1.27	1.17	1.21
12.792	1.63	1.76	1.80	1.87	1.92	1.87	1.76	1.62	1.49	1.47	1.39	1.38
11.708	1.72	1.96	2.06	2.21	2.26	2.22	2.05	1.86	1.73	1.64	1.55	1.54
10.625	1.53	1.75	1.96	2.17	2.33	2.37	2.21	2.02	1.87	1.71	1.56	1.55
9.542	1.31	1.40	1.56	1.79	2.03	2.15	2.08	1.96	1.84	1.64	1.49	1.44

Observer 3: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 3: Maintenance value, luminance with dry roadway	1.25 cd/m²	0.65 cd/m²	2.37 cd/m²	0.52	0.28

Taikos pr. praplatėjimas ties Dubysos g.

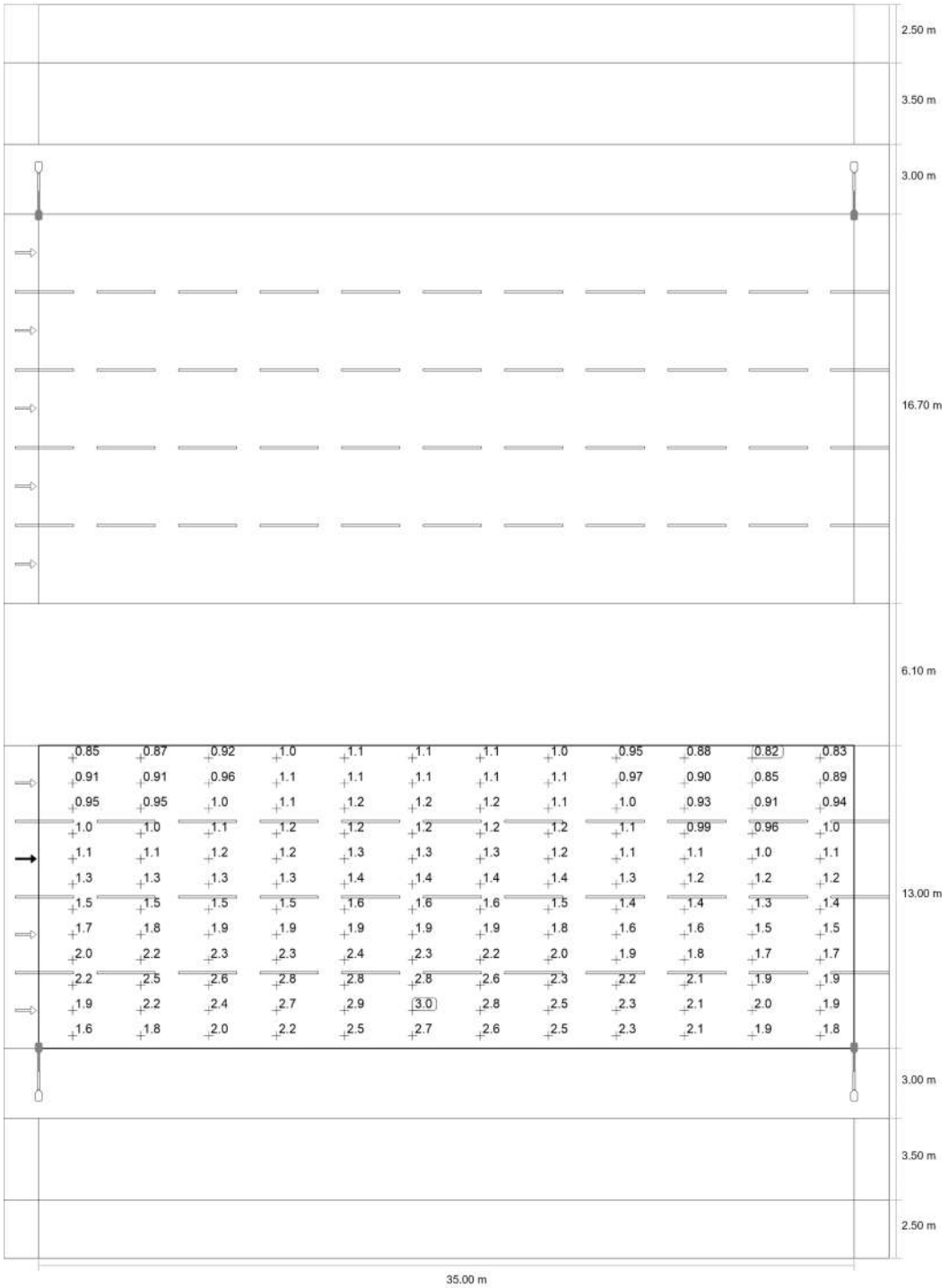
Taikos pr. praplatėjimas ties Dubysos g. (M3)



Observer 3: Luminance with new installation [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas ties Dubysos g.

Taikos pr. praplatėjimas ties Dubysos g. (M3)



Observer 3: Luminance with new installation [cd/m²] (Value grid)

Taikos pr. praplatėjimas ties Dubysos g.

Taikos pr. praplatėjimas ties Dubysos g. (M3)

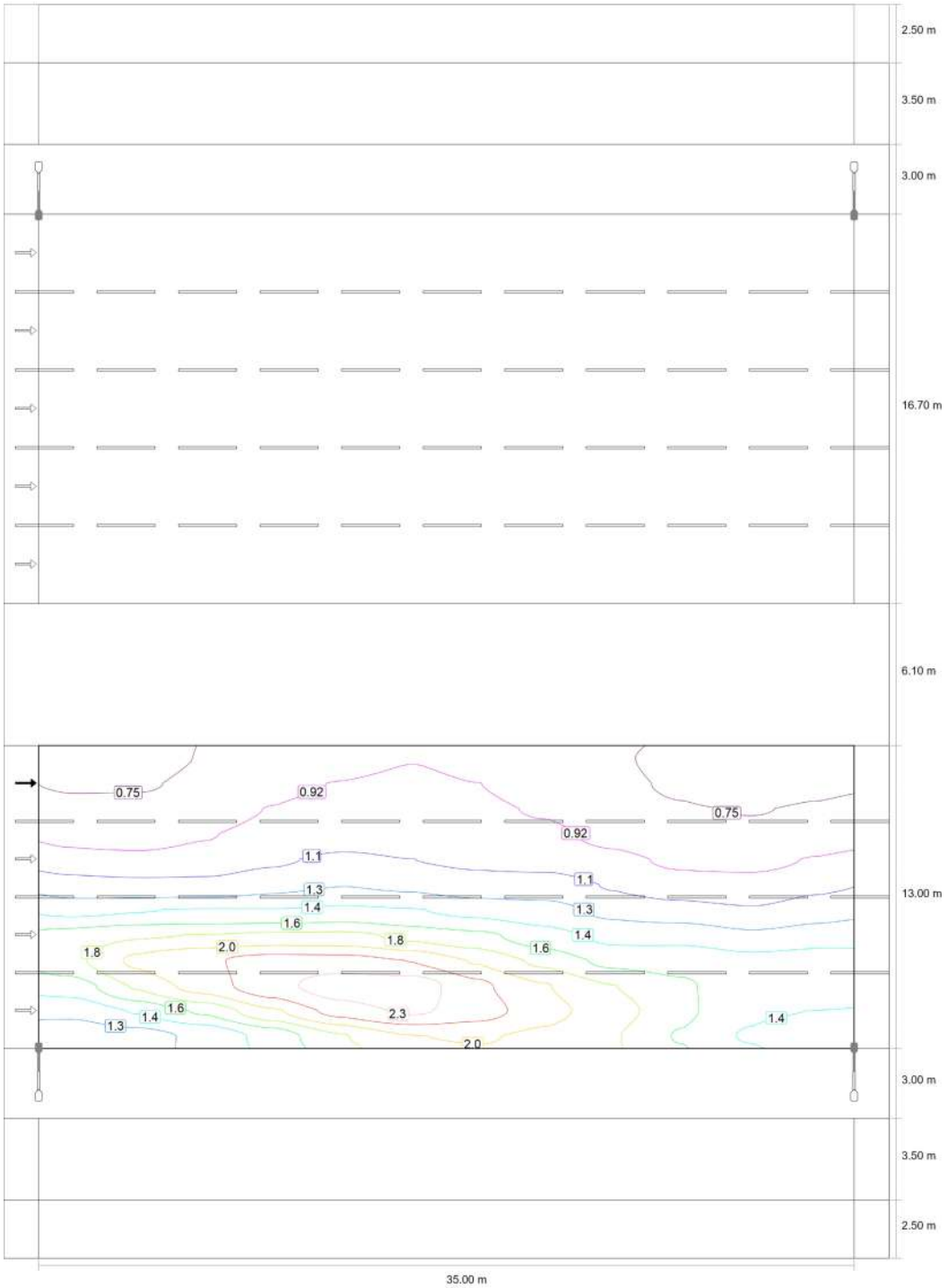
m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
21.458	0.85	0.87	0.92	1.01	1.08	1.12	1.09	1.02	0.95	0.88	0.82	0.83
20.375	0.91	0.91	0.96	1.06	1.11	1.15	1.12	1.05	0.97	0.90	0.85	0.89
19.292	0.95	0.95	1.01	1.12	1.18	1.18	1.16	1.09	1.01	0.93	0.91	0.94
18.208	1.03	1.00	1.06	1.17	1.23	1.22	1.20	1.15	1.05	0.99	0.96	1.01
17.125	1.15	1.10	1.15	1.24	1.29	1.29	1.27	1.22	1.14	1.06	1.05	1.13
16.042	1.28	1.26	1.28	1.34	1.43	1.39	1.37	1.37	1.27	1.17	1.16	1.22
14.958	1.49	1.47	1.46	1.54	1.64	1.60	1.56	1.55	1.42	1.35	1.31	1.38
13.875	1.69	1.80	1.85	1.88	1.90	1.92	1.86	1.75	1.62	1.59	1.46	1.51
12.792	2.03	2.20	2.25	2.34	2.40	2.34	2.20	2.02	1.86	1.84	1.74	1.73
11.708	2.16	2.45	2.58	2.76	2.83	2.77	2.56	2.33	2.17	2.06	1.94	1.92
10.625	1.91	2.19	2.45	2.71	2.91	2.96	2.76	2.52	2.34	2.13	1.95	1.94
9.542	1.64	1.76	1.95	2.24	2.54	2.68	2.60	2.45	2.30	2.05	1.87	1.80

Observer 3: Luminance with new installation [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 3: Luminance with new installation	1.56 cd/m²	0.82 cd/m²	2.96 cd/m²	0.52	0.28

Taikos pr. praplatėjimas ties Dubysos g.

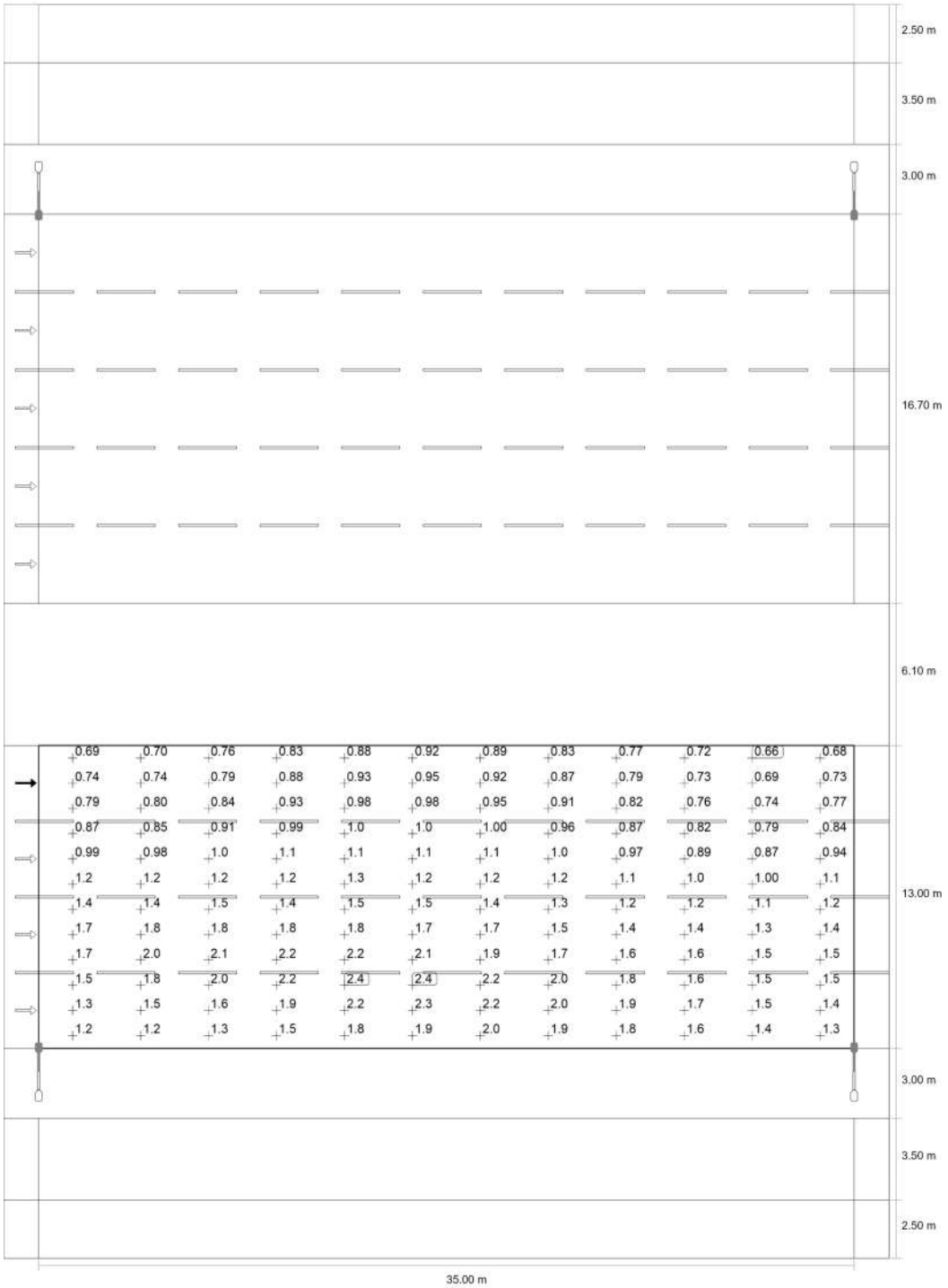
Taikos pr. praplatėjimas ties Dubysos g. (M3)



Observer 4: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas ties Dubysos g.

Taikos pr. praplatėjimas ties Dubysos g. (M3)



Observer 4: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

Taikos pr. praplatėjimas ties Dubysos g.

Taikos pr. praplatėjimas ties Dubysos g. (M3)

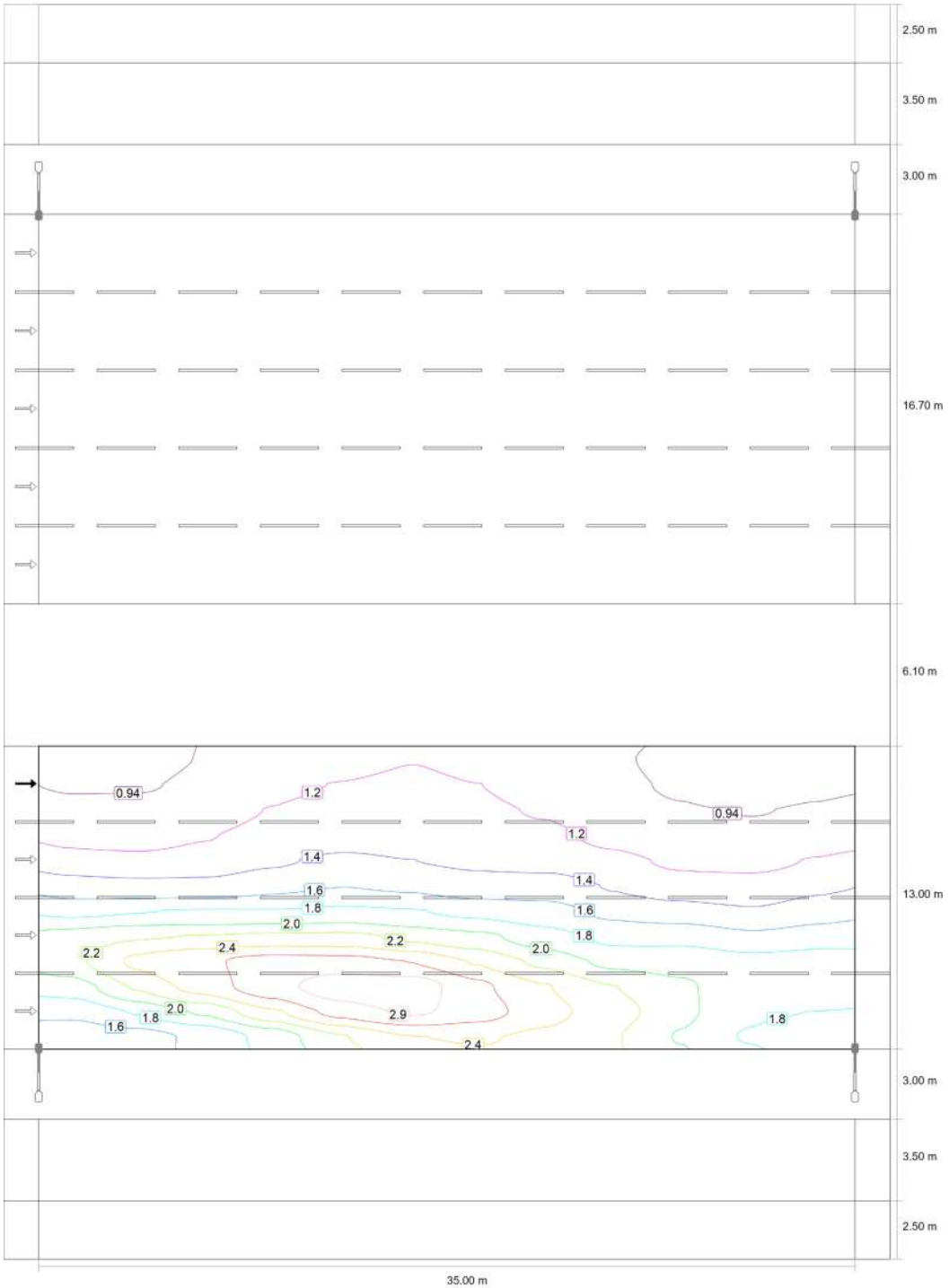
m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
21.458	0.69	0.70	0.76	0.83	0.88	0.92	0.89	0.83	0.77	0.72	0.66	0.68
20.375	0.74	0.74	0.79	0.88	0.93	0.95	0.92	0.87	0.79	0.73	0.69	0.73
19.292	0.79	0.80	0.84	0.93	0.98	0.98	0.95	0.91	0.82	0.76	0.74	0.77
18.208	0.87	0.85	0.91	0.99	1.04	1.03	1.00	0.96	0.87	0.82	0.79	0.84
17.125	0.99	0.98	1.02	1.07	1.13	1.10	1.07	1.04	0.97	0.89	0.87	0.94
16.042	1.18	1.16	1.15	1.22	1.26	1.24	1.17	1.18	1.08	1.01	1.00	1.06
14.958	1.39	1.43	1.45	1.45	1.48	1.45	1.39	1.34	1.22	1.17	1.12	1.19
13.875	1.67	1.76	1.79	1.82	1.83	1.74	1.66	1.52	1.40	1.39	1.31	1.36
12.792	1.73	1.99	2.10	2.19	2.20	2.12	1.94	1.74	1.56	1.55	1.49	1.51
11.708	1.52	1.81	2.03	2.24	2.39	2.38	2.17	1.96	1.79	1.64	1.53	1.54
10.625	1.30	1.45	1.64	1.93	2.19	2.32	2.21	2.02	1.87	1.66	1.47	1.44
9.542	1.17	1.21	1.31	1.51	1.77	1.95	1.97	1.92	1.79	1.60	1.42	1.33

Observer 4: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 4: Maintenance value, luminance with dry roadway	1.30 cd/m²	0.66 cd/m²	2.39 cd/m²	0.51	0.28

Taikos pr. praplatėjimas ties Dubysos g.

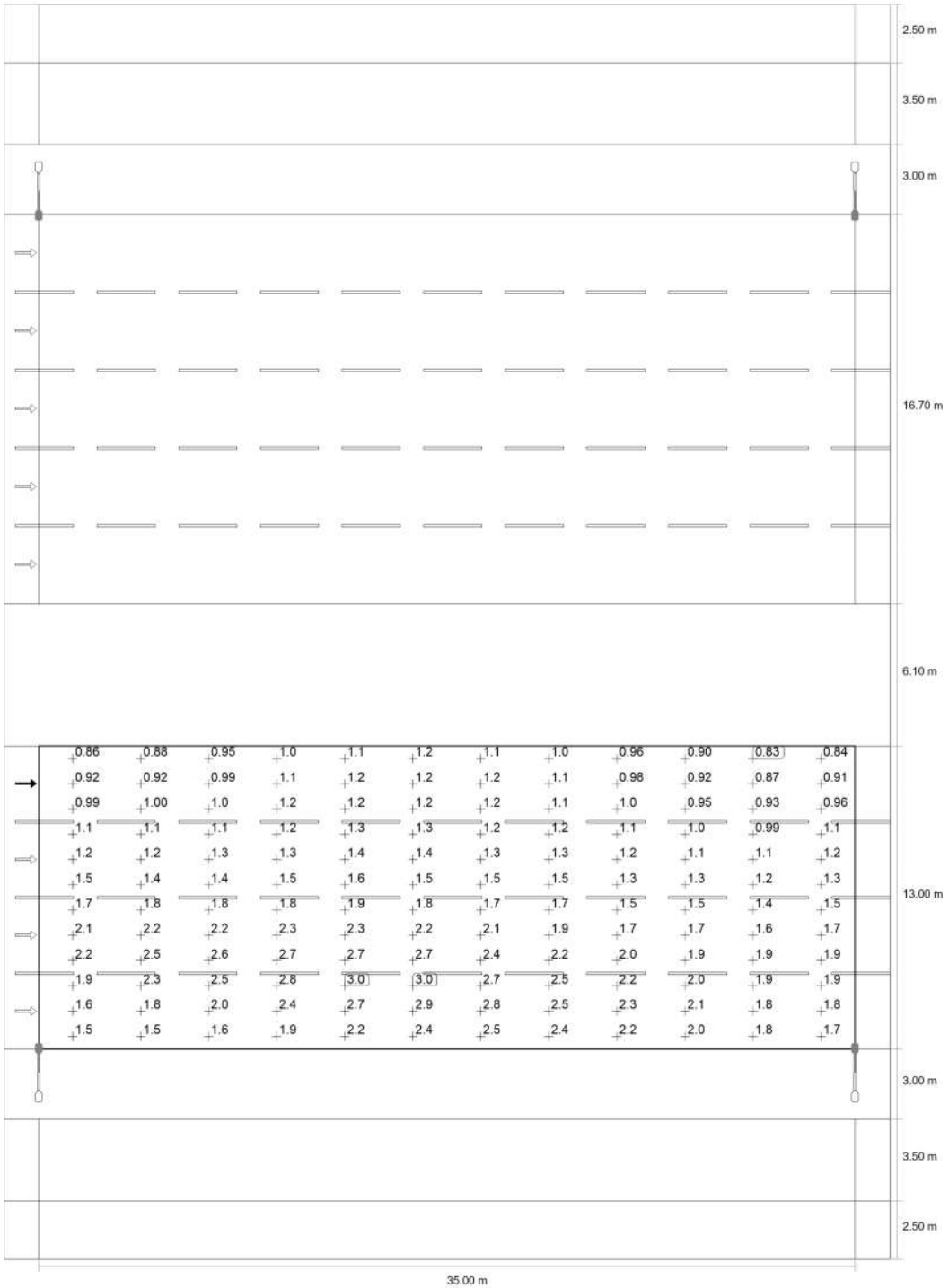
Taikos pr. praplatėjimas ties Dubysos g. (M3)



Observer 4: Luminance with new installation [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas ties Dubysos g.

Taikos pr. praplatėjimas ties Dubysos g. (M3)



Observer 4: Luminance with new installation [cd/m²] (Value grid)

Taikos pr. praplatėjimas ties Dubysos g.

Taikos pr. praplatėjimas ties Dubysos g. (M3)

m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
21.458	0.86	0.88	0.95	1.04	1.10	1.15	1.12	1.04	0.96	0.90	0.83	0.84
20.375	0.92	0.92	0.99	1.10	1.16	1.18	1.15	1.08	0.98	0.92	0.87	0.91
19.292	0.99	1.00	1.05	1.16	1.23	1.22	1.19	1.13	1.02	0.95	0.93	0.96
18.208	1.09	1.06	1.14	1.24	1.30	1.28	1.25	1.21	1.09	1.02	0.99	1.05
17.125	1.24	1.22	1.27	1.34	1.41	1.37	1.33	1.30	1.21	1.11	1.09	1.17
16.042	1.48	1.45	1.44	1.53	1.58	1.54	1.46	1.47	1.35	1.26	1.25	1.33
14.958	1.73	1.79	1.81	1.81	1.85	1.81	1.74	1.67	1.53	1.46	1.40	1.49
13.875	2.09	2.21	2.23	2.28	2.29	2.17	2.07	1.89	1.75	1.74	1.64	1.70
12.792	2.17	2.49	2.62	2.74	2.75	2.65	2.42	2.17	1.95	1.94	1.86	1.89
11.708	1.90	2.26	2.54	2.80	2.98	2.98	2.72	2.46	2.23	2.05	1.92	1.92
10.625	1.63	1.82	2.05	2.41	2.74	2.90	2.77	2.53	2.33	2.07	1.84	1.80
9.542	1.46	1.51	1.64	1.88	2.21	2.43	2.46	2.39	2.24	2.00	1.78	1.67

Observer 4: Luminance with new installation [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 4: Luminance with new installation	1.62 cd/m²	0.83 cd/m²	2.98 cd/m²	0.51	0.28

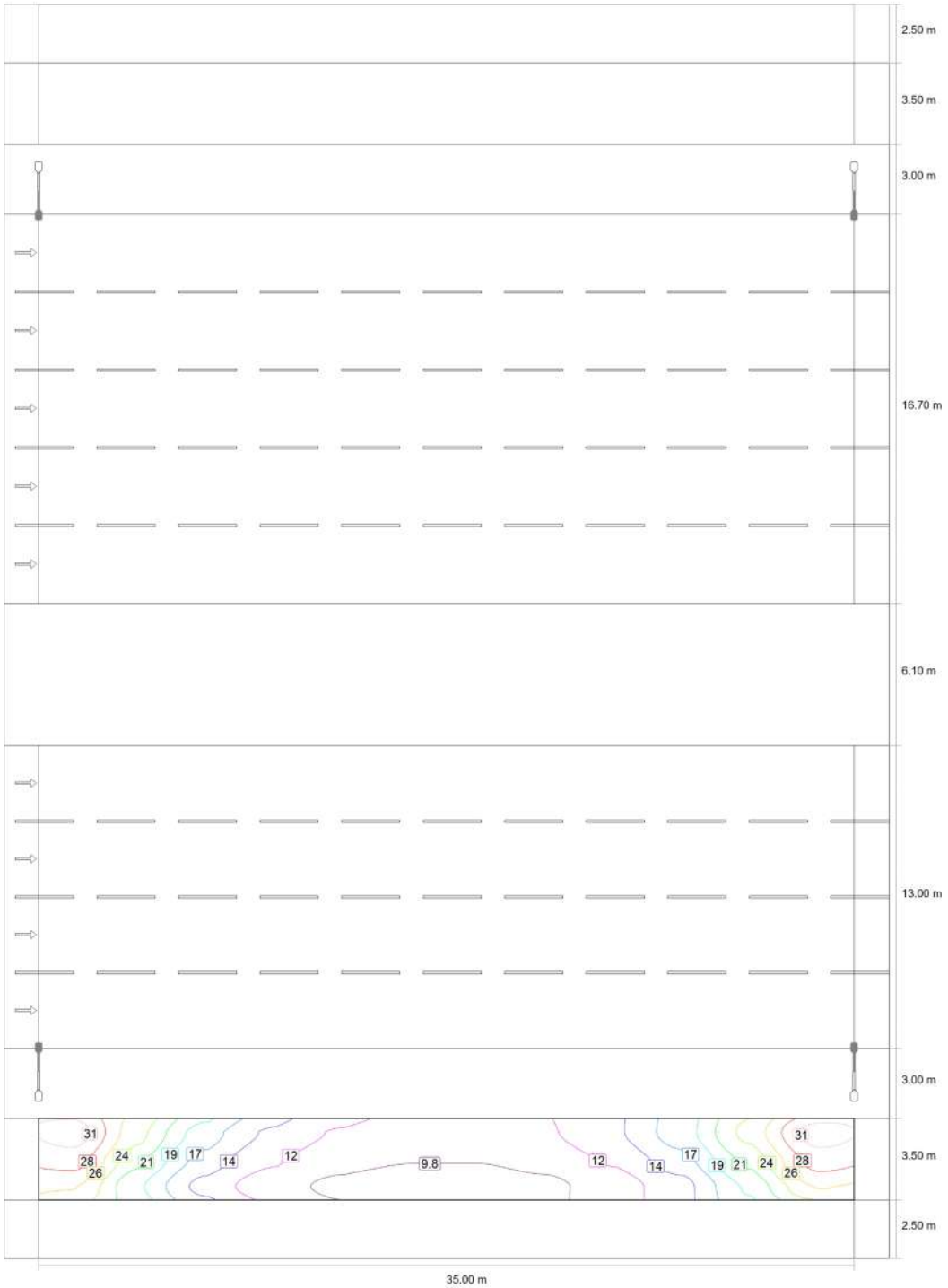
Bicycle lane (P3)

Results for valuation field

	Symbol	Calculated	Target	Check
Bicycle lane (P3)	E_{av}	16.55 lx	[7.50 - 11.25] lx	✓
	E_{min}	8.61 lx	≥ 1.50 lx	✓

Taikos pr. praplatėjimas ties Dubysos g.

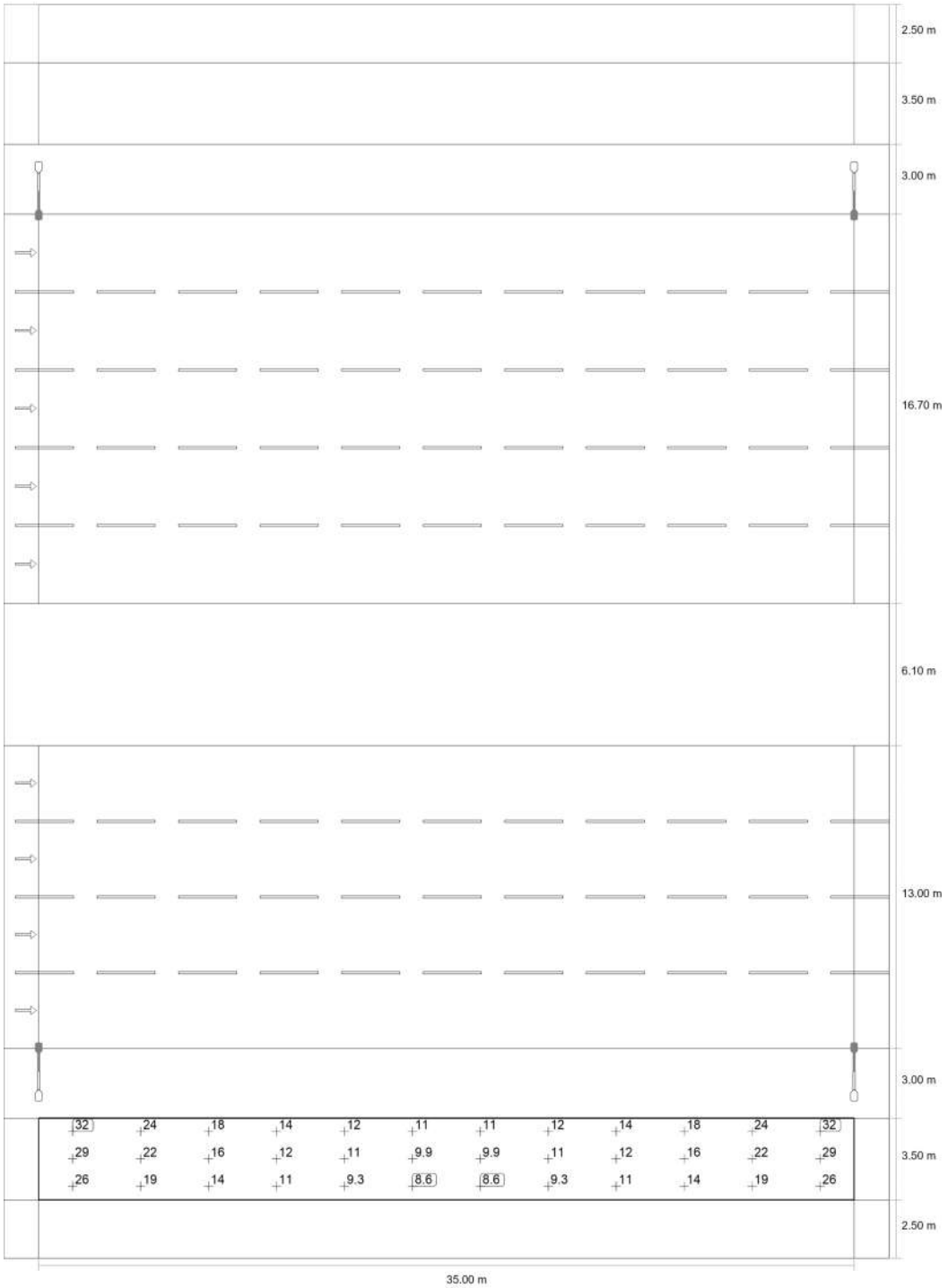
Bicycle lane (P3)



Maintenance value, horizontal illuminance [lx] (Iso-illuminance curves)

Taikos pr. praplatėjimas ties Dubysos g.

Bicycle lane (P3)



Maintenance value, horizontal illuminance [lx] (Value grid)

Taikos pr. praplatėjimas ties Dubysos g.

Bicycle lane (P3)

m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
5.417	31.67	24.33	17.82	13.95	11.81	11.07	11.07	11.81	13.95	17.82	24.33	31.67
4.250	29.13	21.95	15.77	12.37	10.51	9.85	9.85	10.51	12.37	15.77	21.95	29.13
3.083	26.02	19.34	13.60	10.76	9.26	8.61	8.61	9.26	10.76	13.60	19.34	26.02

Maintenance value, horizontal illuminance [lx] (Value chart)

	E_{av}	E_{min}	E_{max}	U_o (g_1)	g_2
Maintenance value, horizontal illuminance	16.5 lx	8.61 lx	31.7 lx	0.52	0.27

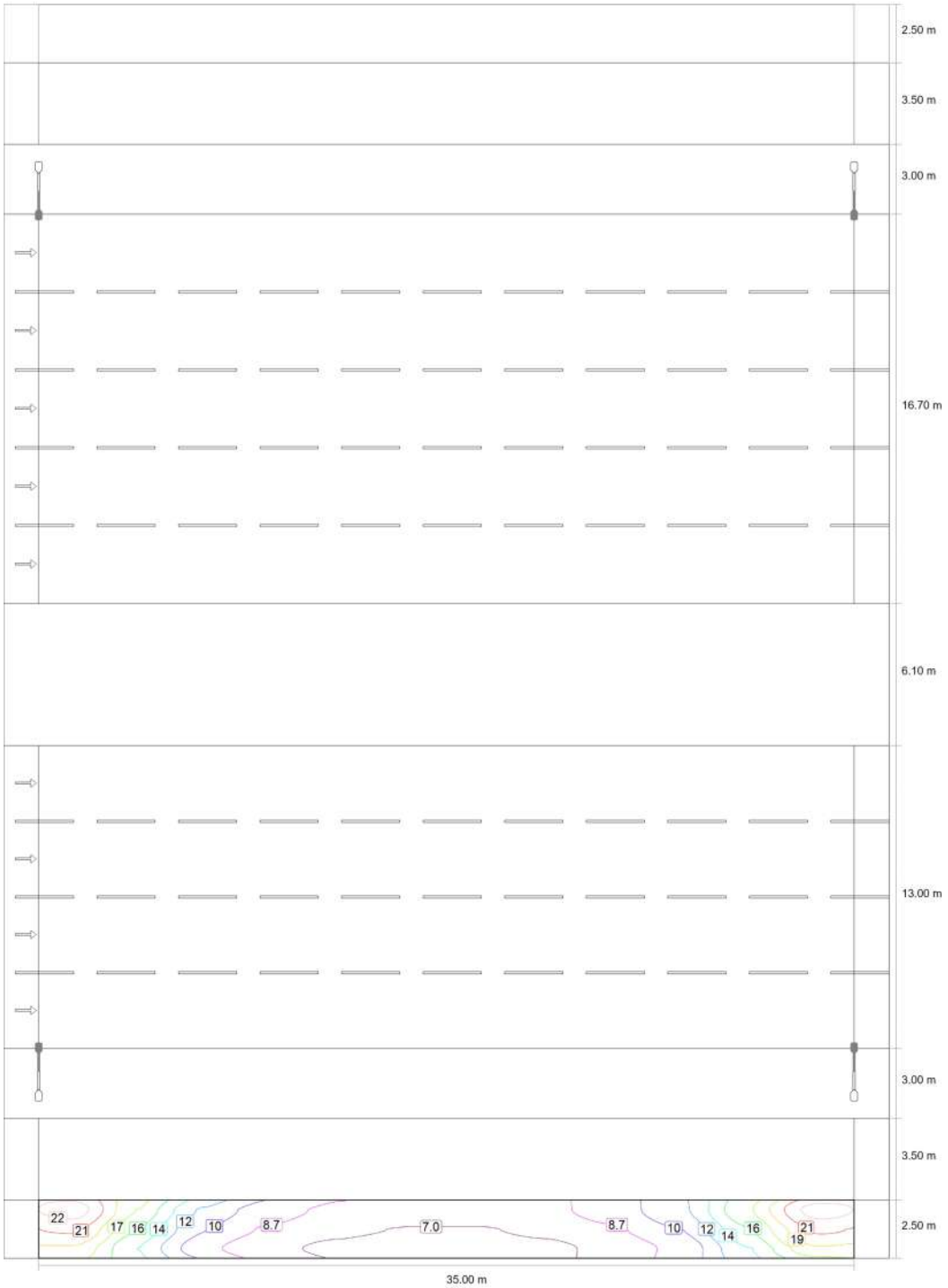
Sidewalk (P3)

Results for valuation field

	Symbol	Calculated	Target	Check
Sidewalk (P3)	E_{av}	11.57 lx	[7.50 - 11.25] lx	✓
	E_{min}	6.10 lx	≥ 1.50 lx	✓

Taikos pr. praplatėjimas ties Dubysos g.

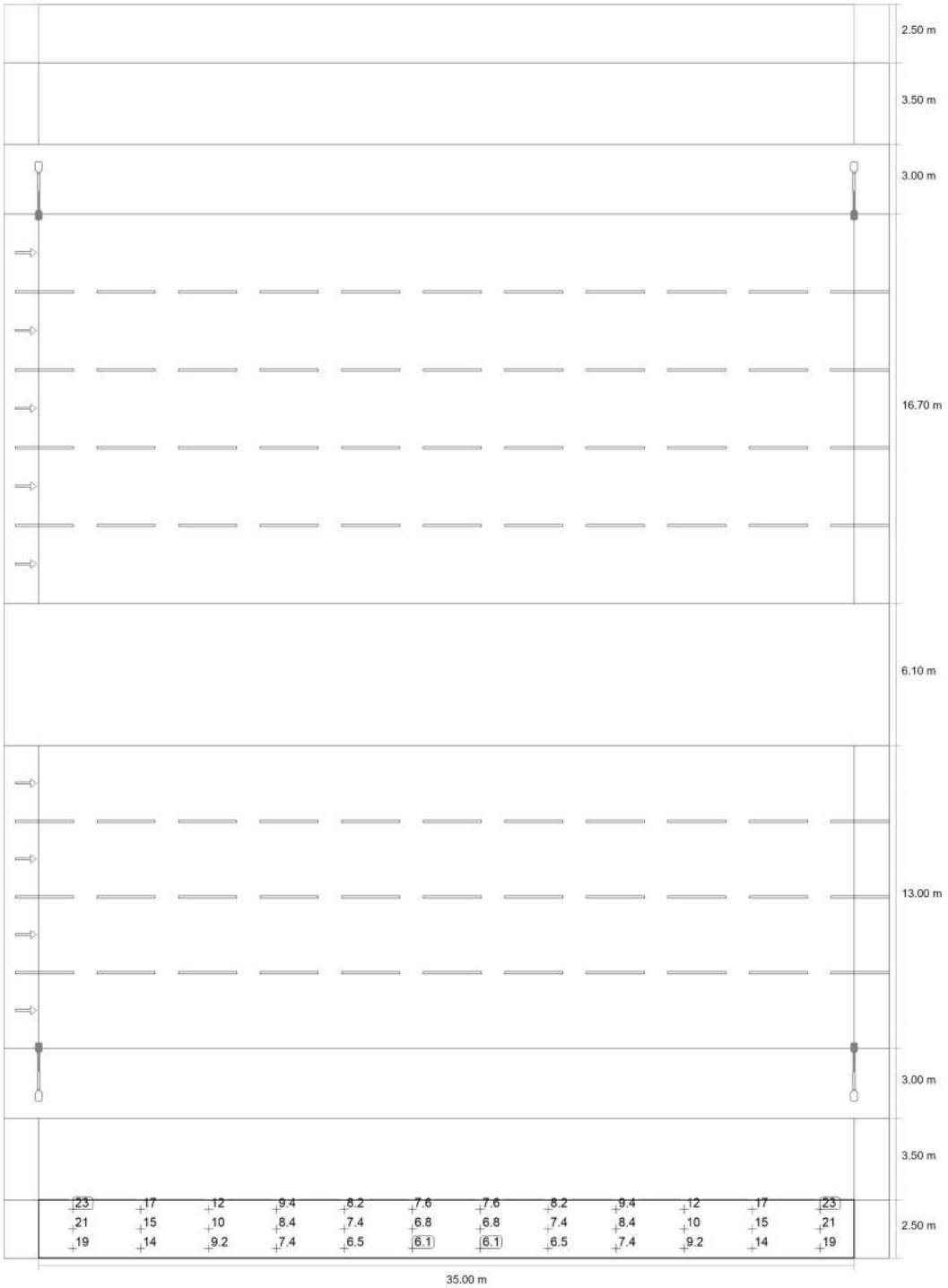
Sidewalk (P3)



Maintenance value, horizontal illuminance [lx] (Iso-illuminance curves)

Taikos pr. praplatėjimas ties Dubysos g.

Sidewalk (P3)



Maintenance value, horizontal illuminance [lx] (Value grid)

Taikos pr. praplatėjimas ties Dubysos g.

Sidewalk (P3)

m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
2.083	23.23	17.15	11.78	9.41	8.22	7.62	7.62	8.22	9.41	11.78	17.15	23.23
1.250	20.91	15.40	10.40	8.38	7.37	6.85	6.85	7.37	8.38	10.40	15.40	20.91
0.417	18.59	13.77	9.17	7.41	6.53	6.10	6.10	6.53	7.41	9.17	13.77	18.59

Maintenance value, horizontal illuminance [lx] (Value chart)

	E_{av}	E_{min}	E_{max}	U_o (g_1)	g_2
Maintenance value, horizontal illuminance	11.6 lx	6.10 lx	23.2 lx	0.53	0.26

Dubysos g. - Taikos pr. sankryža

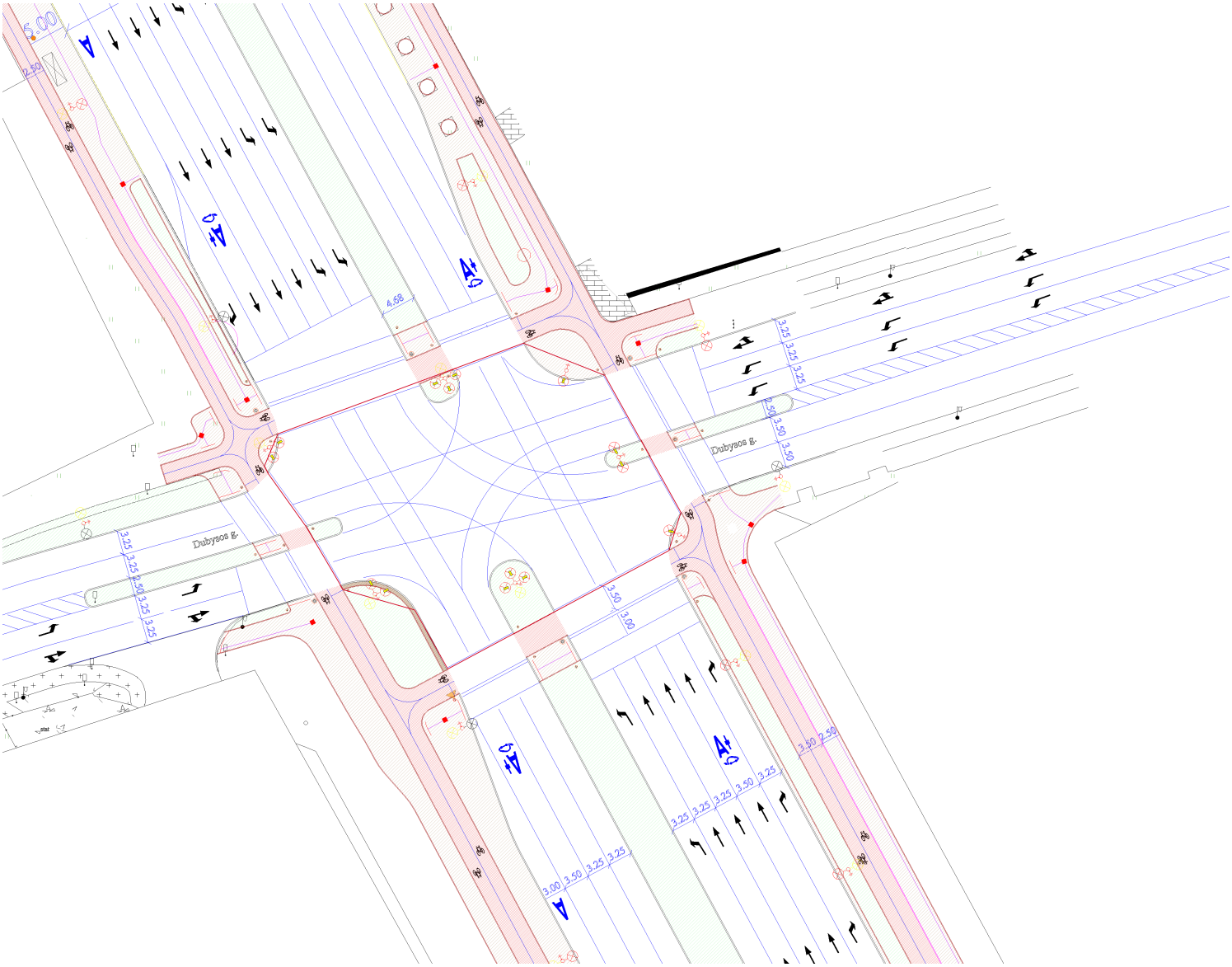
Date : 13.06.2024



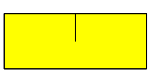
Object : Dubysos g. - Taikos pr. sankryža
Installation :
Project number :
Date : 13.06.2024

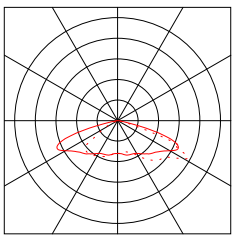
ŠVIESOS TECHNOLOGIJOS

Dubysos g. - Taikos pr. sankryža



14 Order No. : 01KO3E860016AHM4-5700K
Luminaire name : KOINE'-M R4-5700K 119W 600mA PB-01
Equipment : 1 x LED R4 4K D540 119 W / 18425 lm

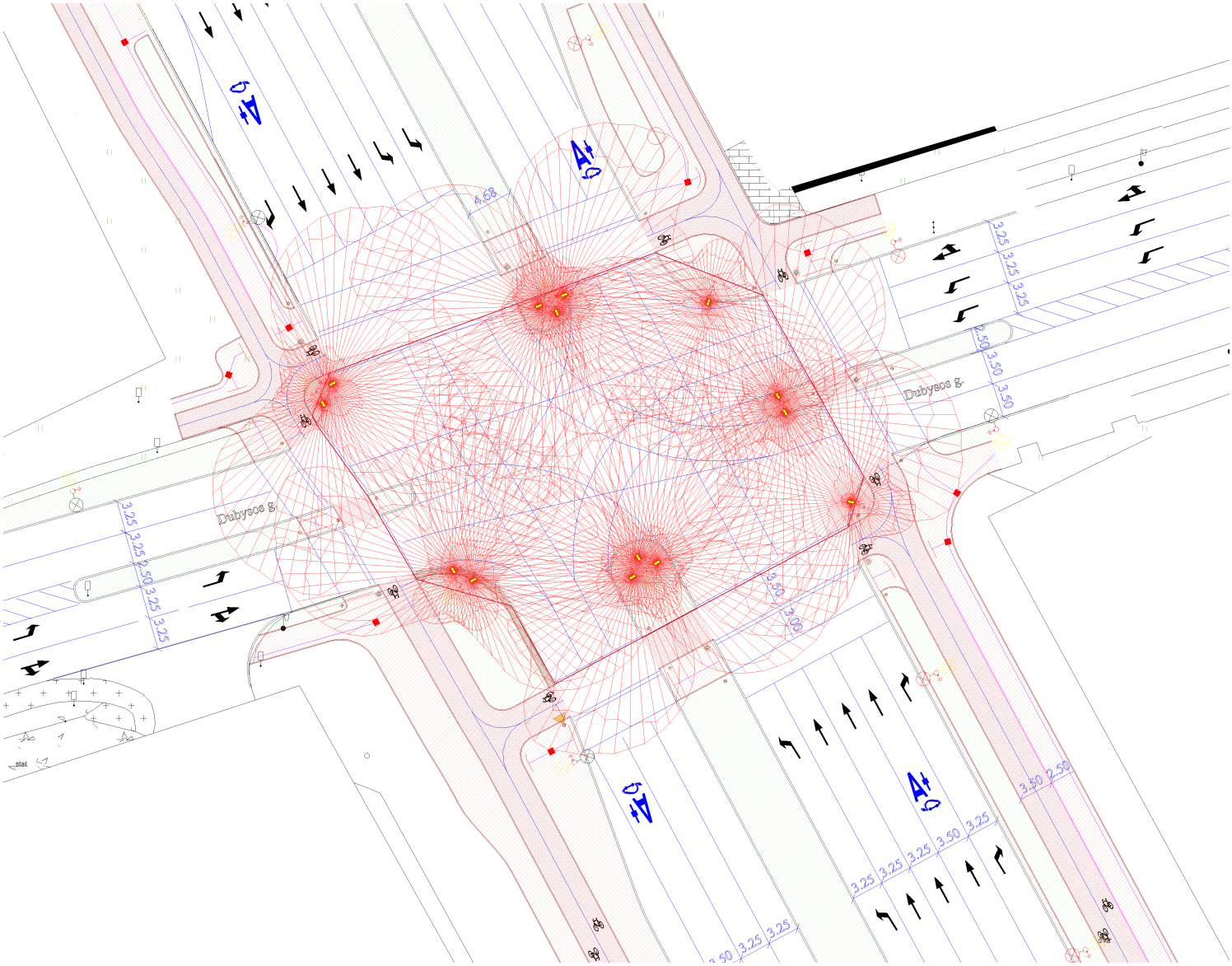




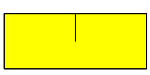


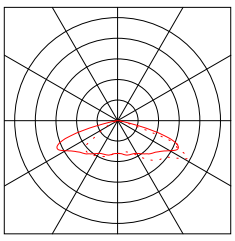
Object : Dubysos g. - Taikos pr. sankryža
Installation :
Project number :
Date : 13.06.2024

Dubysos g. - Taikos pr. sankryža



14 Order No. : 01KO3E860016AHM4-5700K
Luminaire name : KOINE'-M R4-5700K 119W 600mA PB-01
Equipment : 1 x LED R4 4K D540 119 W / 18425 lm





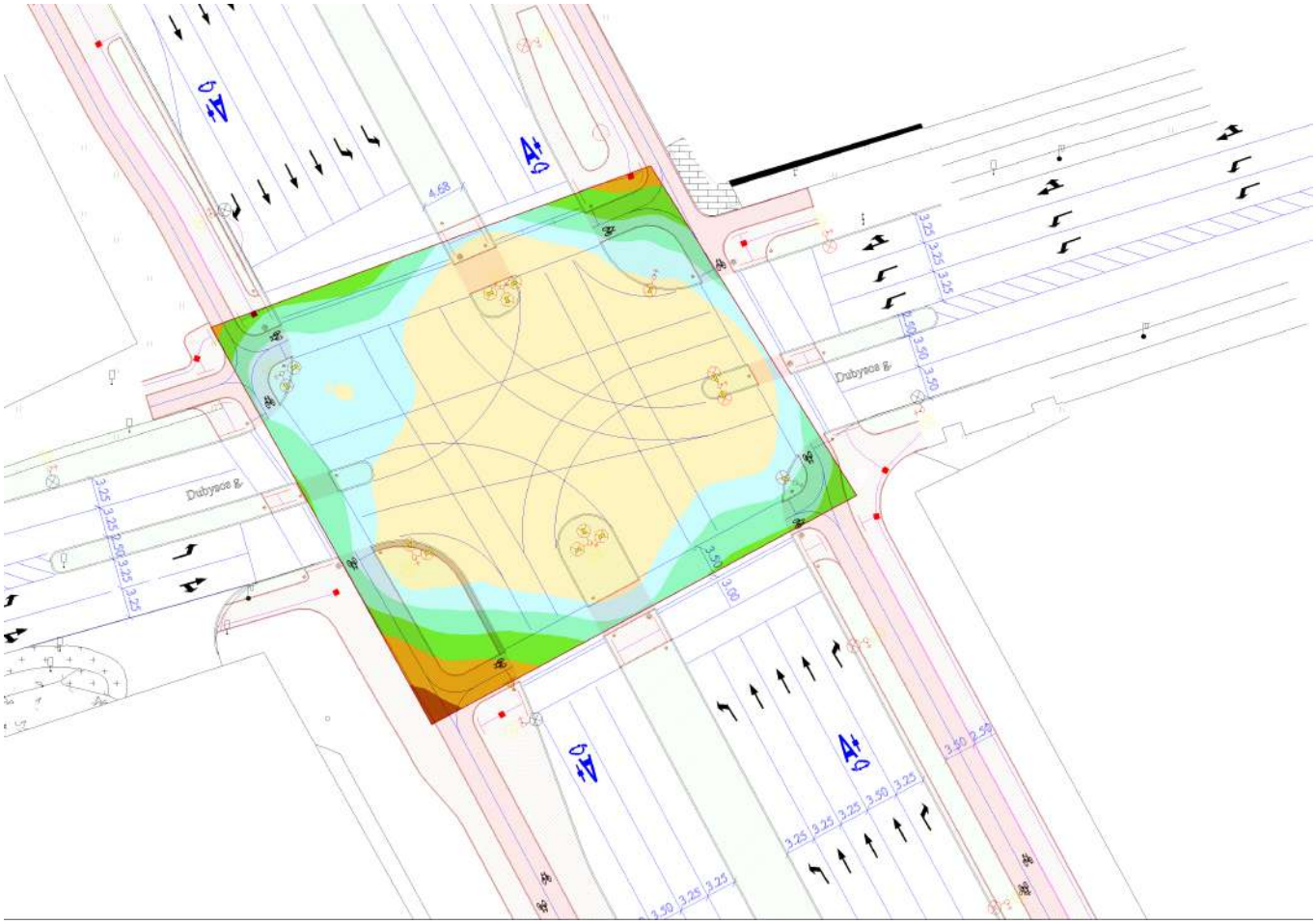


Object	:	Dubysos g. - Taikos pr. sankryža
Installation	:	
Project number	:	
Date	:	13.06.2024

Dubysos g. - Taikos pr. sankryža

Calculation results

Pseudo colours, Reference plane (E)





Illuminance [lx]

Height of the reference plane : 0.00 m

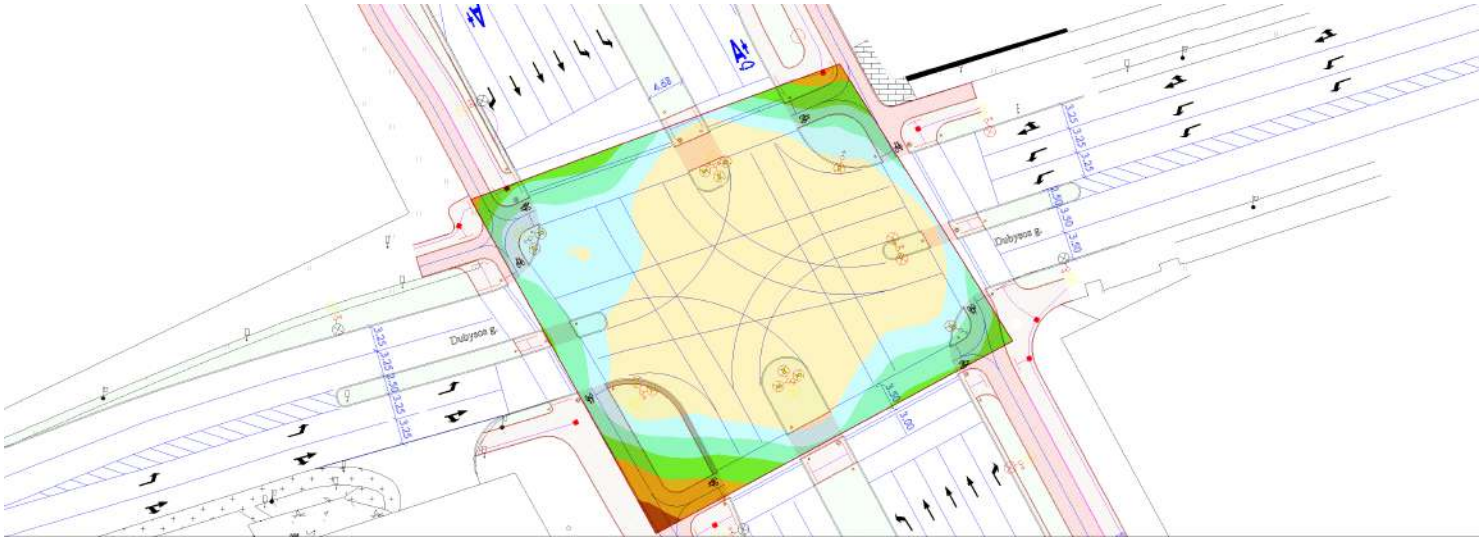
Average illuminance	Eav	: 48.2 lx
Minimum illuminance	Emin	: 6.8 lx
Maximum illuminance	Emax	: 77.2 lx
Uniformity Uo	Emin/Eav	: 1 : 7.06 (0.14)

Object	:	Dubysos g. - Taikos pr. sankryža
Installation	:	
Project number	:	
Date	:	13.06.2024

Dubysos g. - Taikos pr. sankryža

Summary

Result overview, Evaluation area





Illuminance [lx]

General

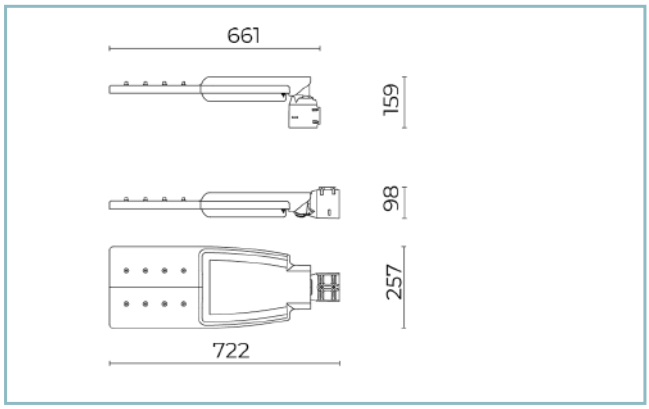
Calculation algorithm used	Average indirect fraction
photometric centre height.	10.00 m
Maintenance factor	0.80
Total luminous flux of all lamps	257950 lm
Total power	1666.0 W
Total power per area (2288.99 m²)	0.73 W/m² (1.51 W/m²/100lx)

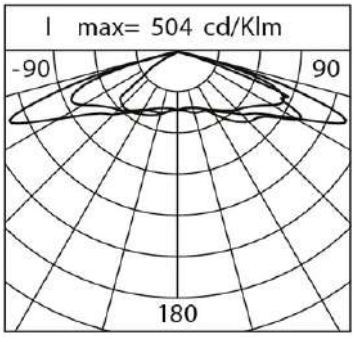
Evaluation area	**Reference plane**
	Horizontal
Em	48.2 lx
Emin	6.8 lx
Emin/Eav (Uo)	0.14
Position	0.00 m

Koinè Pole System
Size: medium
Color Temperature: 5700 K
Type of optics: PB-01 Low pole

01KO3E860016AHM4-5700K
Colour: Grey RAL9006







Materials

Body: die-cast aluminium alloy UNI EN AB 47100 (copper content < 1%)
Screen: tempered üat glass 4 mm
Lenses: high-transparency PMMA
Fixing system: die-cast aluminium alloy UNI EN AB 47100 (copper content < 1%)
Seals: anti-age silicone
Screws: stainless steel AISI 304
Finish: phospho-chromatation treated and polyester powder-coated in 16 phases to increase weather resistance

General Features

Description: LED street ûxture
Insulation class: class II
Rated voltage: 220-240 V 50/60 Hz
Protection Grade: IP66
Impact protection: IK09
Surge protection device: integrated 10kV-10kA
Power Factor: > 0.9
Ambient temperature Ta: -30°C +50°C
Weight: 6.2 kg
Max exposed surface: 0.155 m²
Lateral exposed surface: 0.039 m²
Common mode surge protection: 10 kV
Overvoltage protection differential mode: 10 kV
Drivers: included
Lifetime driver: >100.000h @Ta25°C
Marks and Certiûcations: ENEC / CE

Source üow:	21425 lm
Source power:	109.5 W
Source efûciency:	195 lm/W
Device üow:	18425 lm
Device power:	119 W
Appliance efûciency:	154 lm/W
Glare Index Category:	D3

Optical System

Source: LED R4
Color Temperature: 5700 K
Color Rendering Index (CRI): ≥ 70
Color Consistency (SDCM): ≤ 3
Type of optics: PB-01 Low pole
Optical group life: >100.000h @Ta25°C L90B10
Photobiological safety class: EXEMPT GROUP
ULOR: 0%
DLOR: 100%
Light intensity category: G*4
BUG rating: B3-U0-G3

Normative References

EN60598-1, EN60598-2-3, EN61547; EN62471, EN55015, EN61000-3-2, EN61000-3-3

Object	:	Dubysos g. - Taikos pr. sankryža
Installation	:	
Project number	:	
Date	:	13.06.2024

Luminaire data

CARIBONI GROUP, KOINE'-M R4-5700K 119W... (01KO3E860016AHM...)

Data sheet

Manufacturer: CARIBONI GROUP

01KO3E860016AHM4-5700K **KOINE'-M R4-5700K 119W 600mA PB-01**

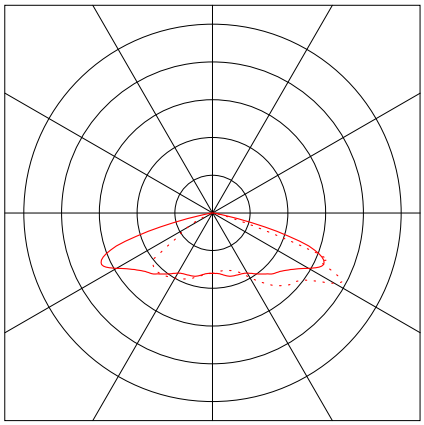
Luminaire data

Luminaire efficiency	:	100%
Luminaire efficacy	:	154.83 lm/W
Classification	:	A30 ↓100.0% ↑0.0%
CIE Flux Codes	:	29 64 98 100 100
UGR 4H 8H	:	37.4 / 25.1
Power	:	119 W
Luminous flux	:	18425 lm

Dimensions : 661 mm x 257 mm x 98 mm

Equipped with

Quantity	:	1
Designation	:	LED R4 4K D540
Colour	:	5700
Luminous flux	:	18425 lm
Colour reproduction	:	70





Date 2024-06-13

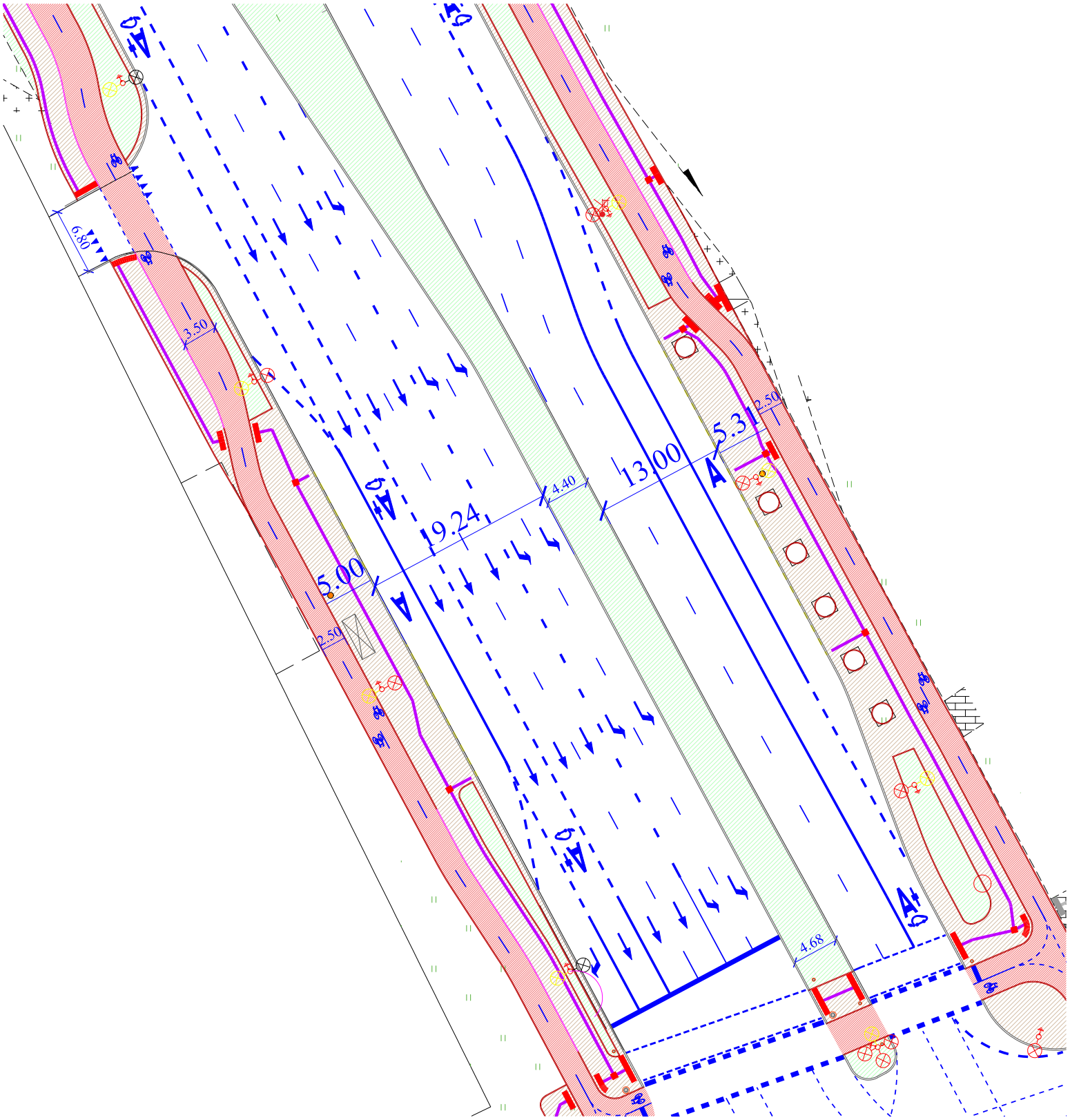
DIALux

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio



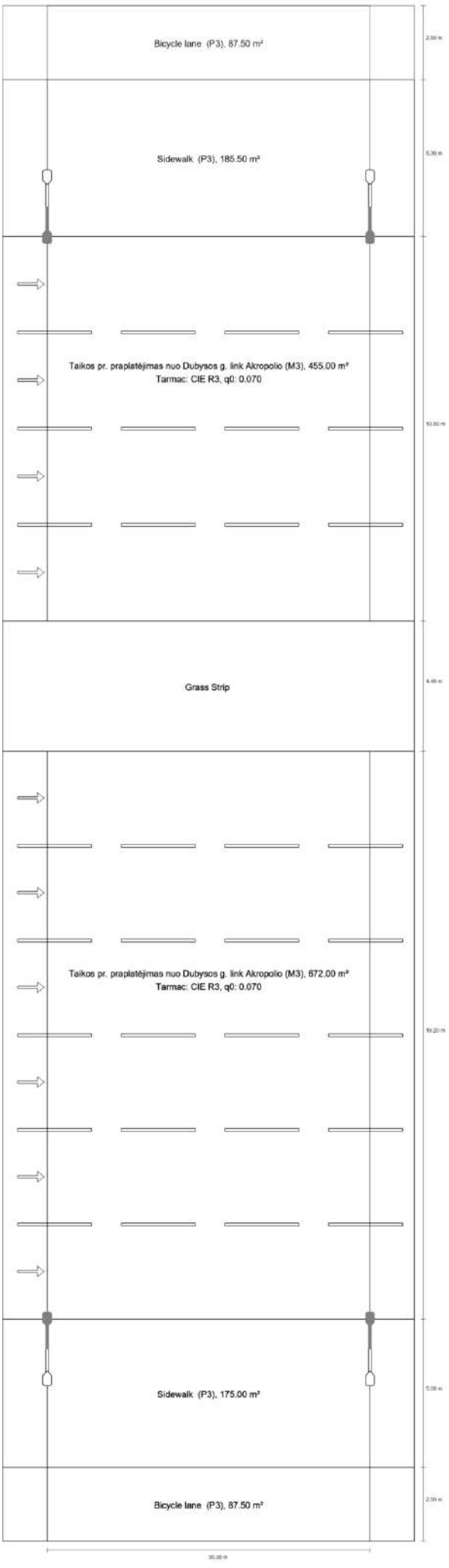


Created with DIALux


A9
6.80
3.50
2.50
5.00
19.24
4.40
13.00
5.31
2.50
4.68

Summary (according to EN 13201:2015)

DIALux

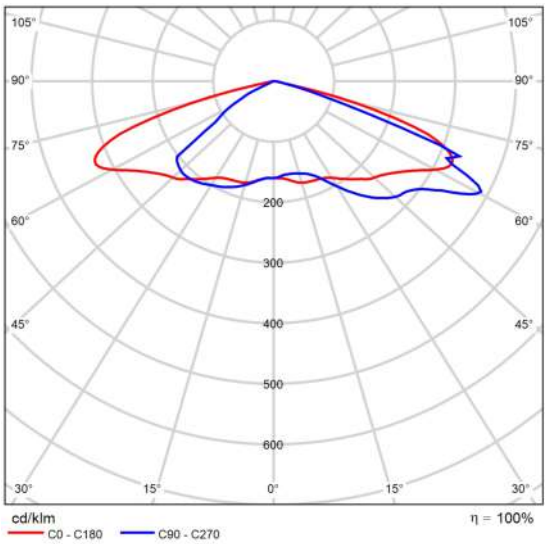


Product data sheet

CARIBONI GROUP - KOINE'-M R4-4K 144W 720mA PB-01

Article No.	01KO3E872016AHM4

P	144.0 W
Φ_{Lamp}	21565 lm
$\Phi_{Luminaire}$	21565 lm
η	100.00 %
Luminous efficacy	149.8 lm/W
CCT	4000 K
CRI	70



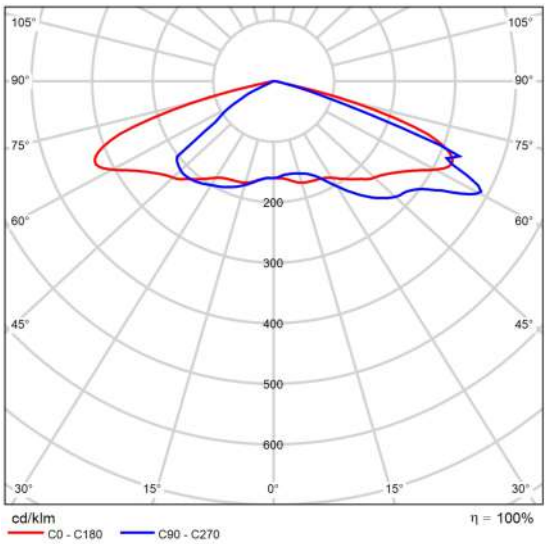
Polar LDC



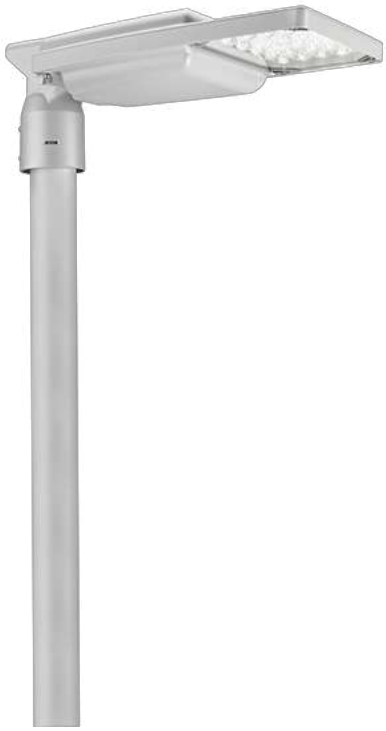
Product data sheet

CARIBONI GROUP - KOINE'-S R1-3K 12W 210mA PB-01

Article No.	01KO1B221916AHM4
P	12.0 W
Φ_{Lamp}	1670 lm
$\Phi_{Luminaire}$	1670 lm
η	100.00 %
Luminous efficacy	139.2 lm/W
CCT	3000 K
CRI	70



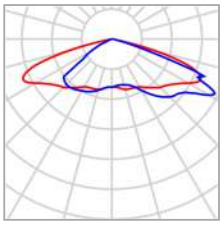
Polar LDC



DIALux

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

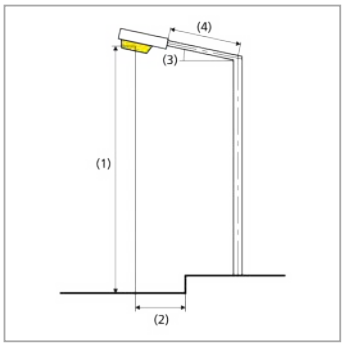
Summary (according to EN 13201:2015)





Manufacturer	CARIBONI GROUP	P	144.0 W
Article No.	01KO3E872016AHM4	Φ_{Lamp}	21565 lm
Article name	KOINE'-M R4-4K 144W 720mA PB-01	$\Phi_{Luminaire}$	21565 lm
		η	100.00 %
Fitting	1x LED R4 4K D540		

KOINE'-M R4-4K 144W 720mA PB-01 (both sides opposite)

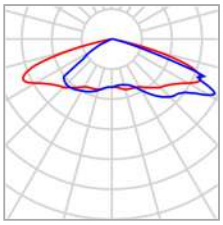


Pole distance	35.000 m
(1) Light spot height	10.000 m
(2) Light point overhang	0.000 m
(3) Boom inclination	0.0°
(4) Boom length	1.000 m
Annual operating hours	4000 h: 100.0 %, 144.0 W
Wattage / route	8352.0 W/km
ULR / ULOR	0.00 / 0.00
Max. luminous intensities Any direction forming the specified angle from the downward vertical, with the luminaire installed for use.	≥ 70°: 462 cd/klm ≥ 80°: 42.0 cd/klm ≥ 90°: 0.00 cd/klm
Luminous intensity class The luminous intensity values in [cd/klm] for calculation of the luminous intensity class refer to the luminaire luminous flux according to EN 13201:2015.	G*4
Glare index class	D.3
MF	0.80

DIALux

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

Summary (according to EN 13201:2015)

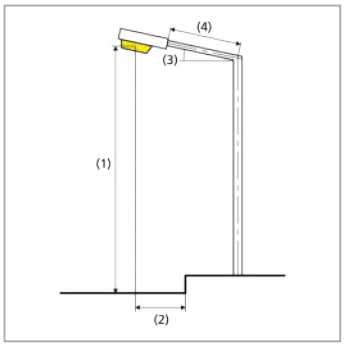




Manufacturer	CARIBONI GROUP
Article No.	01KO1B221916AHM4
Article name	KOINE'-S R1-3K 12W 210mA PB-01
Fitting	1x LED R1 3K D210

P	12.0 W
Φ_{Lamp}	1670 lm
$\Phi_{Luminaire}$	1670 lm
η	100.00 %

KOINE'-S R1-3K 12W 210mA PB-01 (both sides opposite)



Pole distance	35.000 m
(1) Light spot height	8.000 m
(2) Light point overhang	0.000 m
(3) Boom inclination	0.0°
(4) Boom length	1.000 m
Annual operating hours	4000 h: 100.0 %, 12.0 W
Wattage / route	696.0 W/km
ULR / ULOR	0.00 / 0.00
Max. luminous intensities Any direction forming the specified angle from the downward vertical, with the luminaire installed for use.	≥ 70°: 462 cd/klm ≥ 80°: 42.0 cd/klm ≥ 90°: 0.00 cd/klm
Luminous intensity class The luminous intensity values in [cd/klm] for calculation of the luminous intensity class refer to the luminaire luminous flux according to EN 13201:2015.	G*4
Glare index class	D.6
MF	0.80

DIALux

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

Summary (according to EN 13201:2015)

Results for valuation fields

A maintenance factor of 0.80 was used for calculating for the installation.

	Symbol	Calculated	Target	Check
Bicycle lane (P3)	E_{av}	13.52 lx	[7.50 - 11.25] lx	✓
	E_{min}	7.16 lx	≥ 1.50 lx	✓
Sidewalk (P3)	E_{av}	19.36 lx	[7.50 - 11.25] lx	✓
	E_{min}	9.95 lx	≥ 1.50 lx	✓
Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio (M3)	L_{av}	1.11 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.51	≥ 0.40	✓
	U_l	0.71	≥ 0.60	✓
	TI	12 %	≤ 15 %	✓
	R_{EI}	0.96	≥ 0.30	✓
Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio (M3)	L_{av}	1.01 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.57	≥ 0.40	✓
	U_l	0.71	≥ 0.60	✓
	TI	13 %	≤ 15 %	✓
	R_{EI}	0.96	≥ 0.30	✓
Sidewalk (P3)	E_{av}	19.56 lx	[7.50 - 11.25] lx	✓
	E_{min}	10.22 lx	≥ 1.50 lx	✓
Bicycle lane (P3)	E_{av}	14.02 lx	[7.50 - 11.25] lx	✓
	E_{min}	7.45 lx	≥ 1.50 lx	✓

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

Summary (according to EN 13201:2015)

Results for energy efficiency indicators

	Symbol	Calculated	Energy Consumption
Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio	D_p	0.000 W/lx*m²	
KOINE'-M R4-4K 144W 720mA PB-01 (both sides opposite)	D_e	0.7 kWh/m² yr	1152.0 kWh/yr
KOINE'-S R1-3K 12W 210mA PB-01 (both sides opposite)	D_e	0.1 kWh/m² yr	96.0 kWh/yr

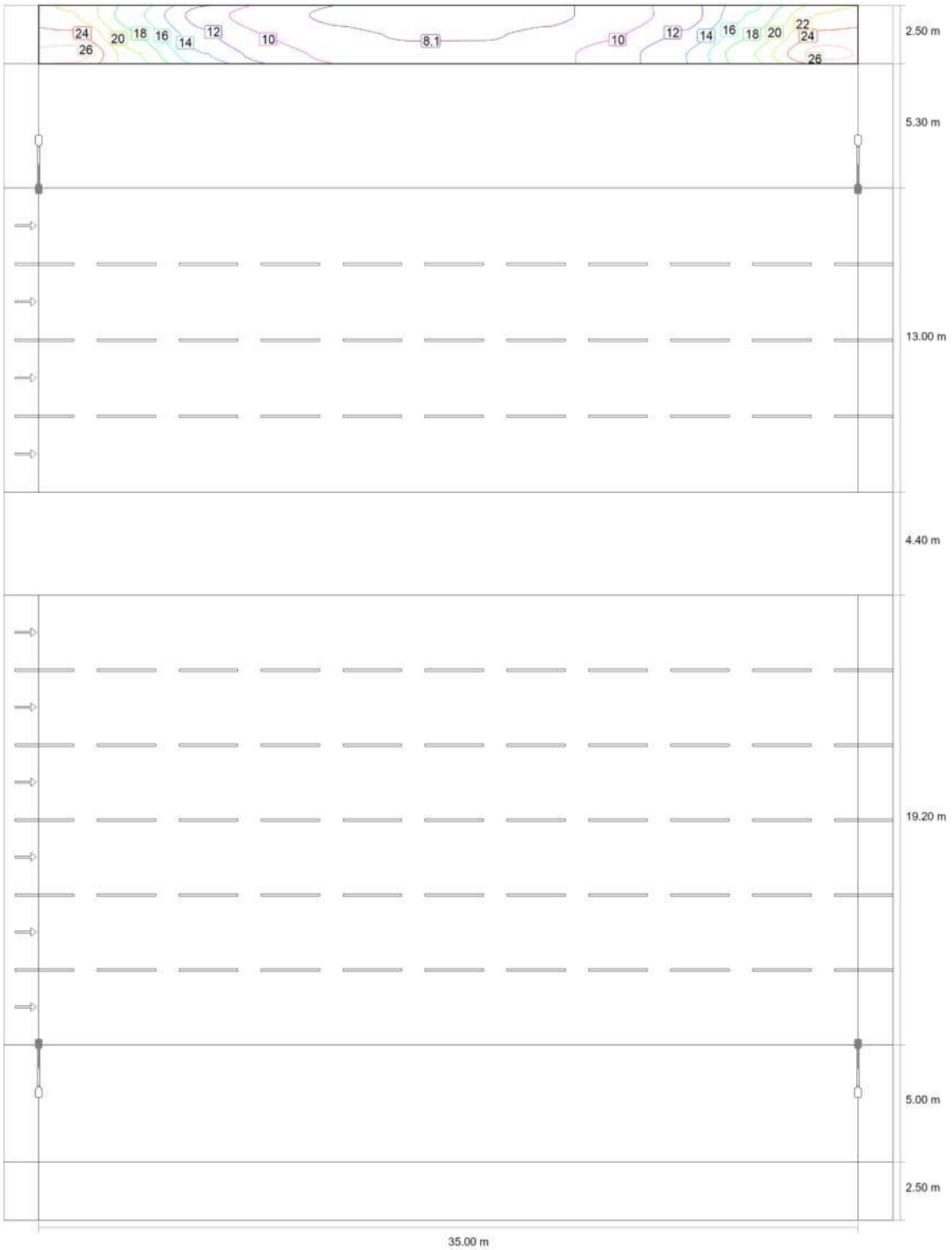
Bicycle lane (P3)

Results for valuation field

	Symbol	Calculated	Target	Check
Bicycle lane (P3)	E_{av}	13.52 lx	[7.50 - 11.25] lx	✓
	E_{min}	7.16 lx	≥ 1.50 lx	✓

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

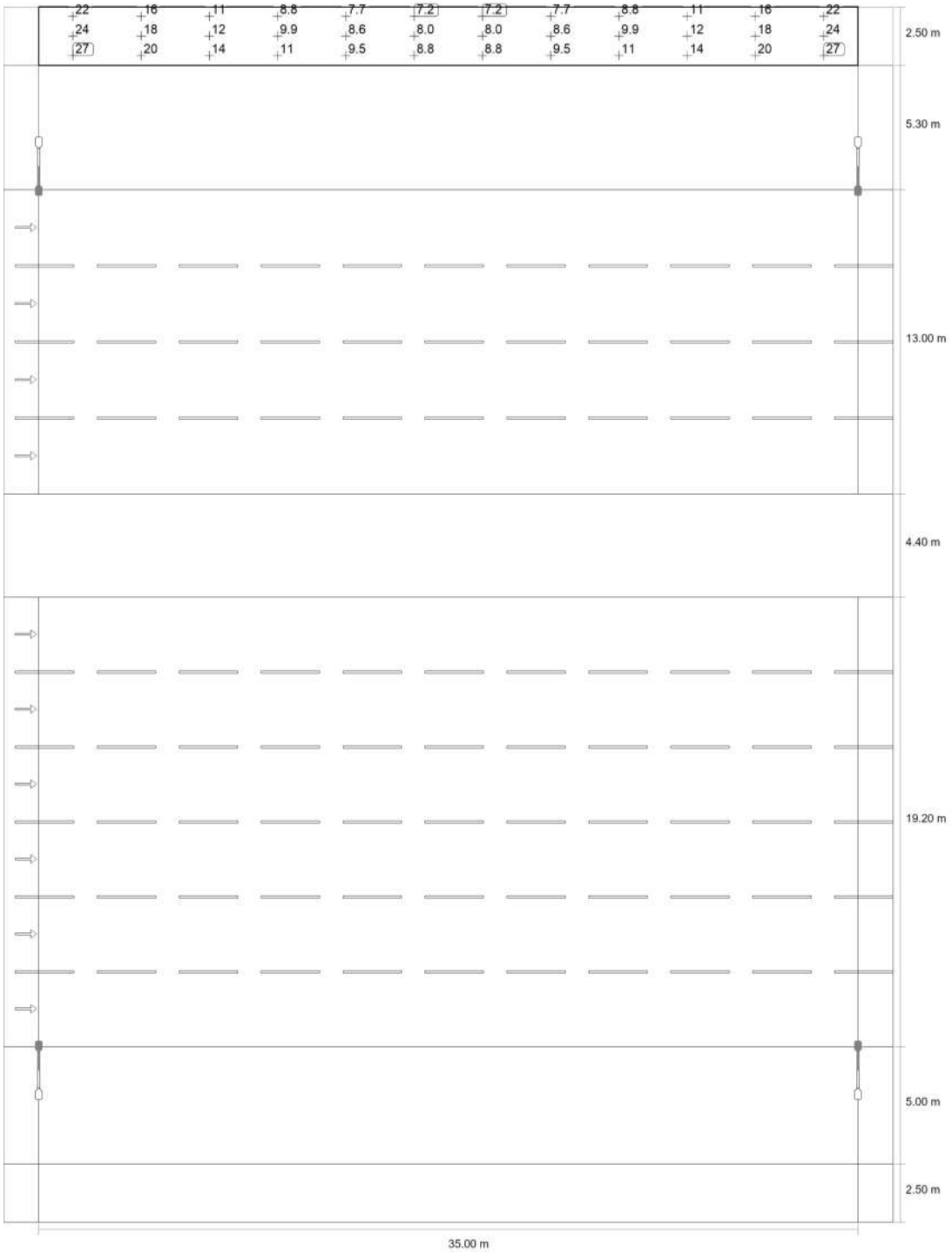
Bicycle lane (P3)



Maintenance value, horizontal illuminance [lx] (Iso-illuminance curves)

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

Bicycle lane (P3)



Maintenance value, horizontal illuminance [lx] (Value grid)

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

Bicycle lane (P3)

m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
51.483	21.92	16.16	10.94	8.81	7.72	7.16	7.16	7.72	8.81	10.94	16.16	21.92
50.650	24.23	17.91	12.42	9.88	8.58	7.97	7.97	8.58	9.88	12.42	17.91	24.23
49.817	26.56	19.80	13.96	11.01	9.45	8.80	8.80	9.45	11.01	13.96	19.80	26.56

Maintenance value, horizontal illuminance [lx] (Value chart)

	E_{av}	E_{min}	E_{max}	U_o (g_1)	g_2
Maintenance value, horizontal illuminance	13.5 lx	7.16 lx	26.6 lx	0.53	0.27

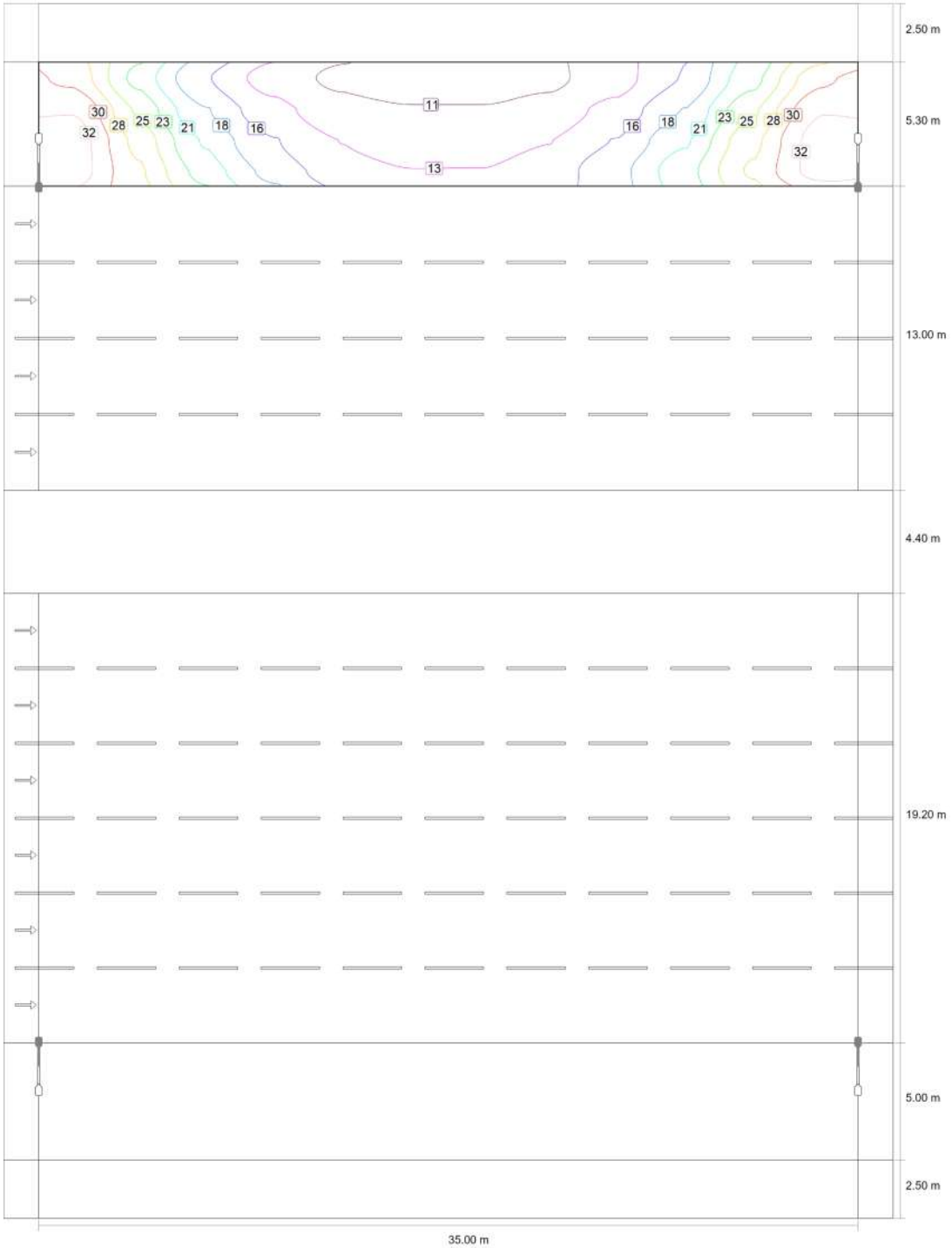
Sidewalk (P3)

Results for valuation field

	Symbol	Calculated	Target	Check
Sidewalk (P3)	E_{av}	19.36 lx	[7.50 - 11.25] lx	✓
	E_{min}	9.95 lx	≥ 1.50 lx	✓

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

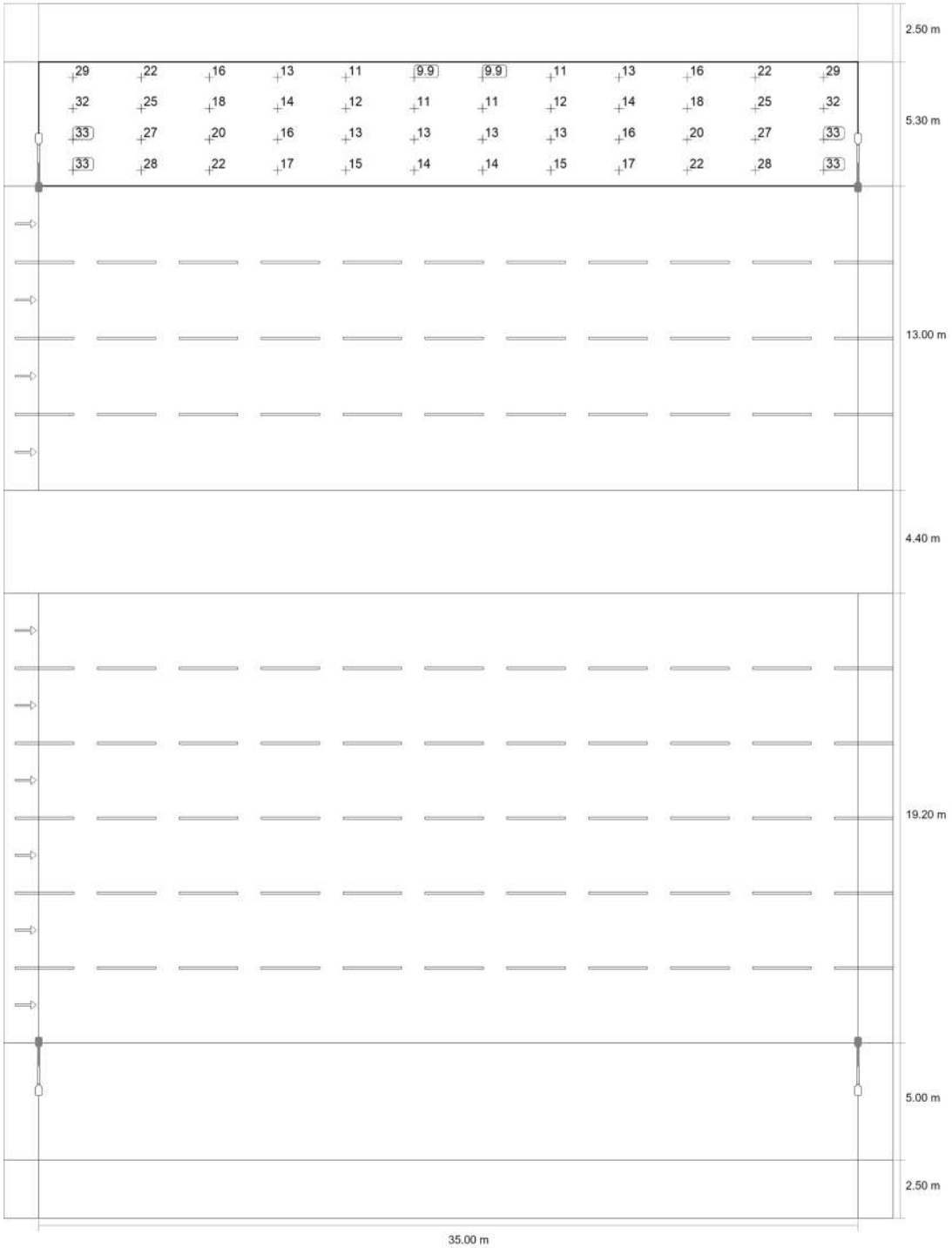
Sidewalk (P3)



Maintenance value, horizontal illuminance [lx] (Iso-illuminance curves)

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

Sidewalk (P3)



Maintenance value, horizontal illuminance [lx] (Value grid)

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

Sidewalk (P3)

m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
48.738	29.39	22.15	15.95	12.51	10.62	9.95	9.95	10.62	12.51	15.95	22.15	29.39
47.413	32.12	24.85	18.24	14.28	12.06	11.31	11.31	12.06	14.28	18.24	24.85	32.12
46.088	33.44	26.90	20.23	15.92	13.41	12.58	12.58	13.41	15.92	20.23	26.90	33.44
44.763	33.35	27.93	21.89	17.39	14.58	13.54	13.54	14.58	17.39	21.89	27.93	33.35

Maintenance value, horizontal illuminance [lx] (Value chart)

	E_{av}	E_{min}	E_{max}	U_o (g_1)	g_2
Maintenance value, horizontal illuminance	19.4 lx	9.95 lx	33.4 lx	0.51	0.30

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio (M3)

Results for valuation field

	Symbol	Calculated	Target	Check
Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio (M3)	L_{av}	1.11 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.51	≥ 0.40	✓
	U_l	0.71	≥ 0.60	✓
	TI	12 %	≤ 15 %	✓
	R_{EI}	0.96	≥ 0.30	✓

Results for observer

	Symbol	Calculated	Target	Check
Observer 1 Position: -60.000 m, 32.725 m, 1.500 m	L_{av}	1.29 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.51	≥ 0.40	✓
	U_l	0.73	≥ 0.60	✓
	TI	5 %	≤ 15 %	✓
Observer 2 Position: -60.000 m, 35.975 m, 1.500 m	L_{av}	1.24 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.52	≥ 0.40	✓
	U_l	0.80	≥ 0.60	✓
	TI	7 %	≤ 15 %	✓
Observer 3 Position: -60.000 m, 39.225 m, 1.500 m	L_{av}	1.18 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.54	≥ 0.40	✓
	U_l	0.81	≥ 0.60	✓
	TI	10 %	≤ 15 %	✓

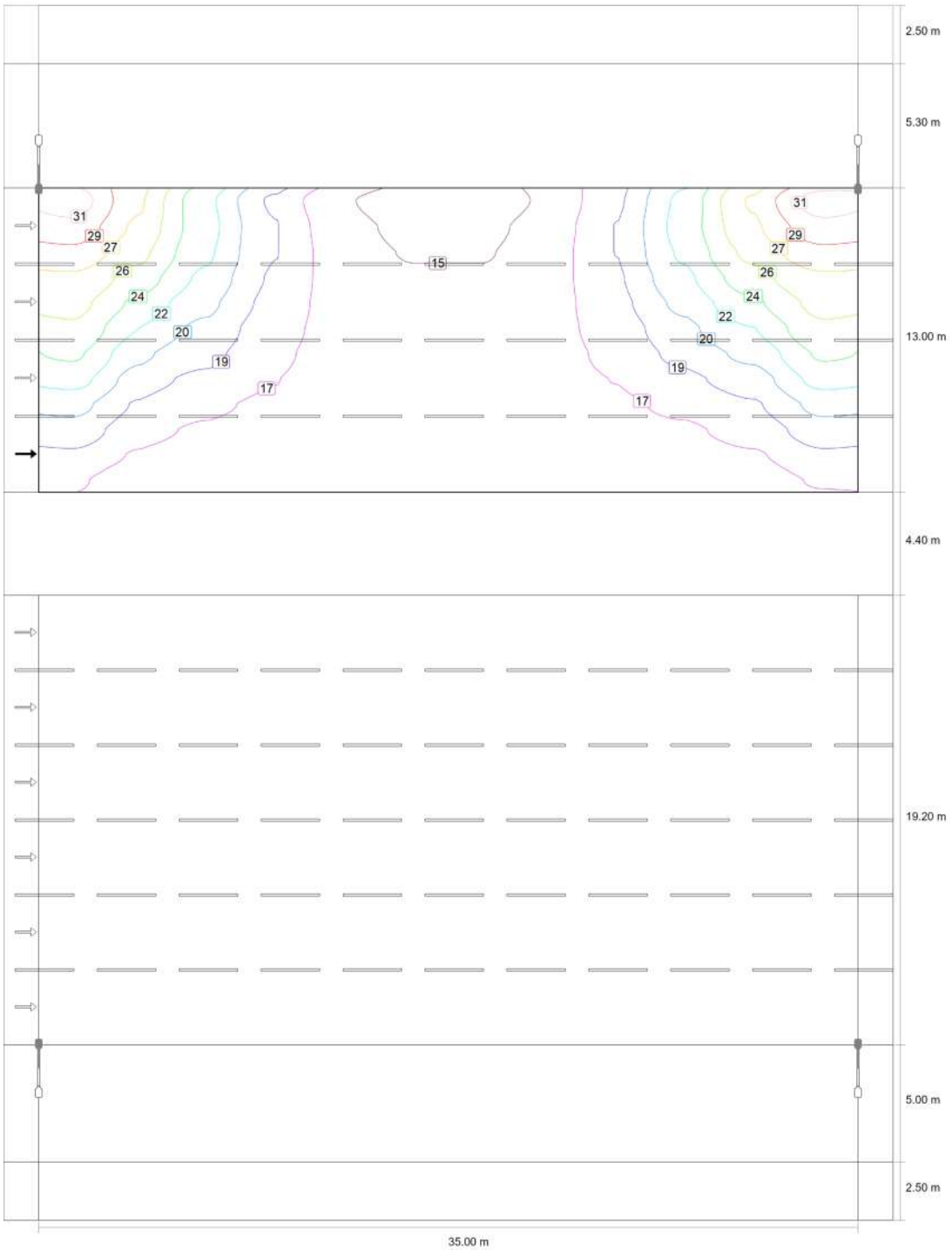
Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio (M3)

	Symbol	Calculated	Target	Check
Observer 4 Position: -60.000 m, 42.475 m, 1.500 m	L_{av}	1.11 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.57	≥ 0.40	✓
	U_l	0.71	≥ 0.60	✓
	TI	12 %	≤ 15 %	✓

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

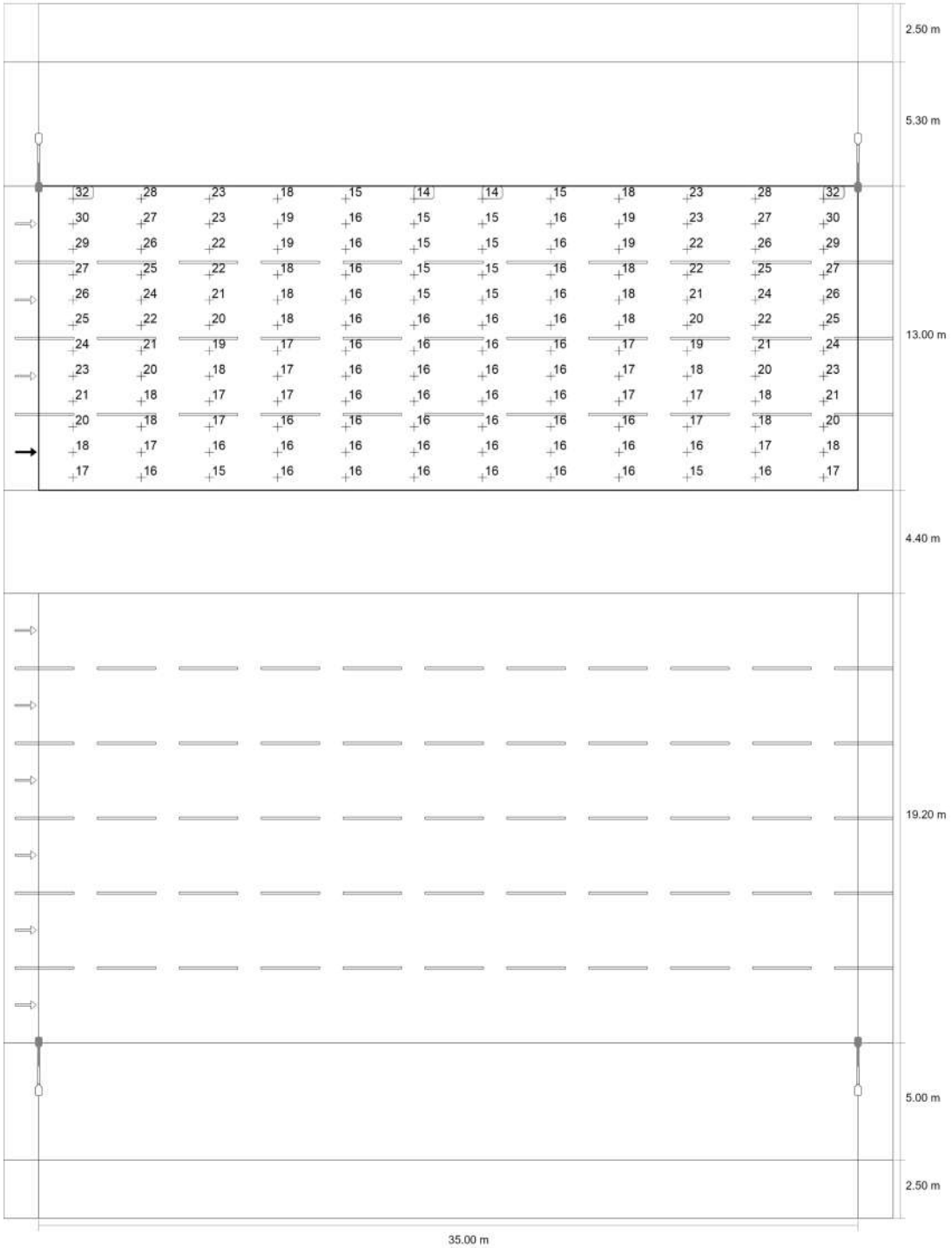
Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio (M3)



Maintenance value, horizontal illuminance [lx] (Iso-illuminance curves)

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio (M3)



Maintenance value, horizontal illuminance [lx] (Value grid)

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio (M3)

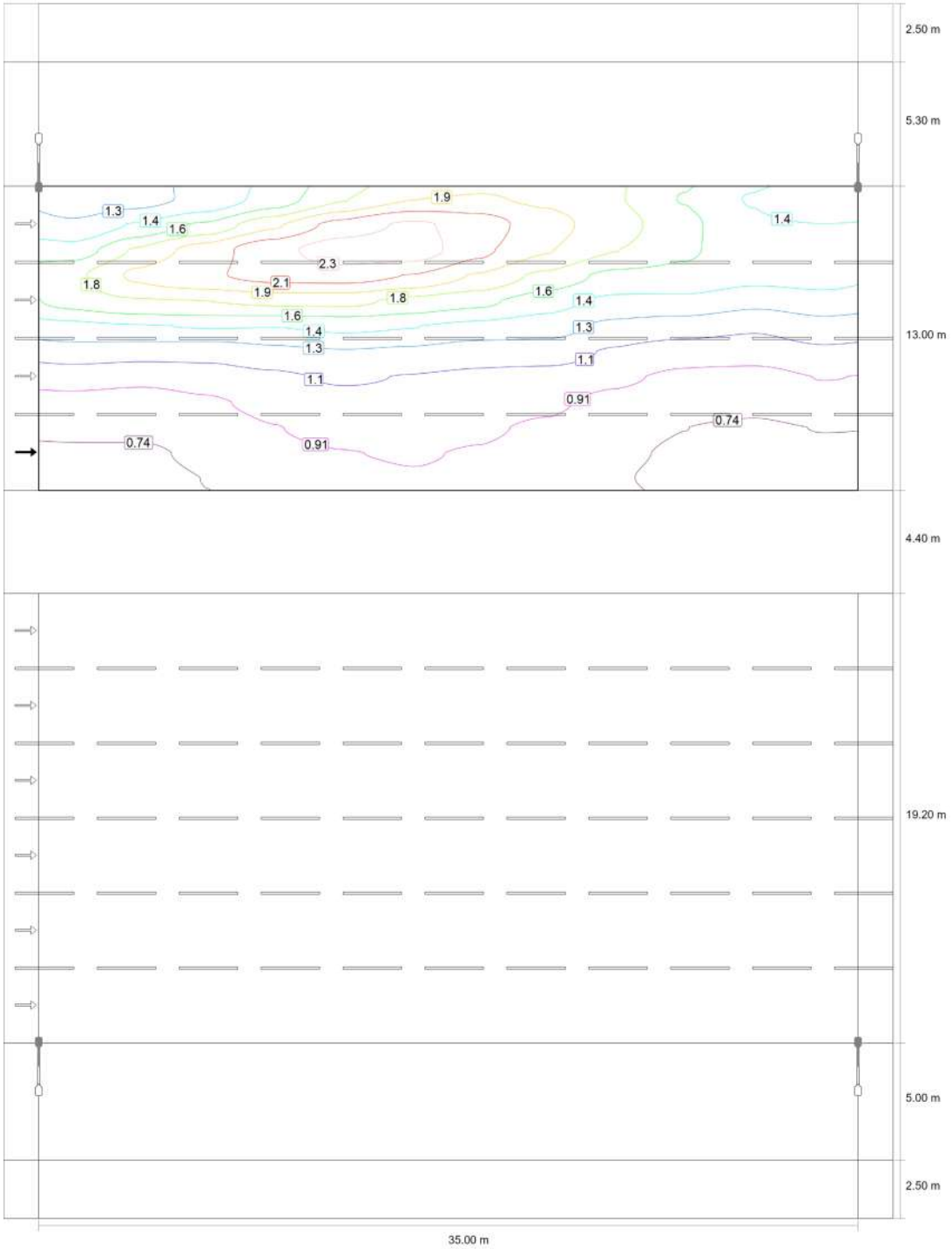
m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
43.558	31.89	27.70	22.66	18.33	15.34	14.21	14.21	15.34	18.33	22.66	27.70	31.89
42.475	30.40	27.11	22.86	18.67	15.75	14.73	14.73	15.75	18.67	22.86	27.11	30.40
41.392	28.72	26.20	22.48	18.67	15.95	15.00	15.00	15.95	18.67	22.48	26.20	28.72
40.308	27.15	24.96	21.76	18.39	16.09	15.27	15.27	16.09	18.39	21.76	24.96	27.15
39.225	26.20	23.57	20.88	18.06	16.12	15.43	15.43	16.12	18.06	20.88	23.57	26.20
38.142	25.36	22.16	19.94	17.62	16.19	15.50	15.50	16.19	17.62	19.94	22.16	25.36
37.058	24.19	20.86	19.18	17.28	16.12	15.62	15.62	16.12	17.28	19.18	20.86	24.19
35.975	22.81	19.56	18.18	16.91	16.11	15.72	15.72	16.11	16.91	18.18	19.56	22.81
34.892	20.94	18.43	17.22	16.56	16.19	15.80	15.80	16.19	16.56	17.22	18.43	20.94
33.808	19.61	17.52	16.61	16.28	16.15	15.94	15.94	16.15	16.28	16.61	17.52	19.61
32.725	18.29	16.65	16.09	15.94	16.07	16.04	16.04	16.07	15.94	16.09	16.65	18.29
31.642	17.10	15.86	15.46	15.57	15.96	16.14	16.14	15.96	15.57	15.46	15.86	17.10

Maintenance value, horizontal illuminance [lx] (Value chart)

	E_{av}	E_{min}	E_{max}	U_o (g_1)	g_2
Maintenance value, horizontal illuminance	19.1 lx	14.2 lx	31.9 lx	0.75	0.45

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

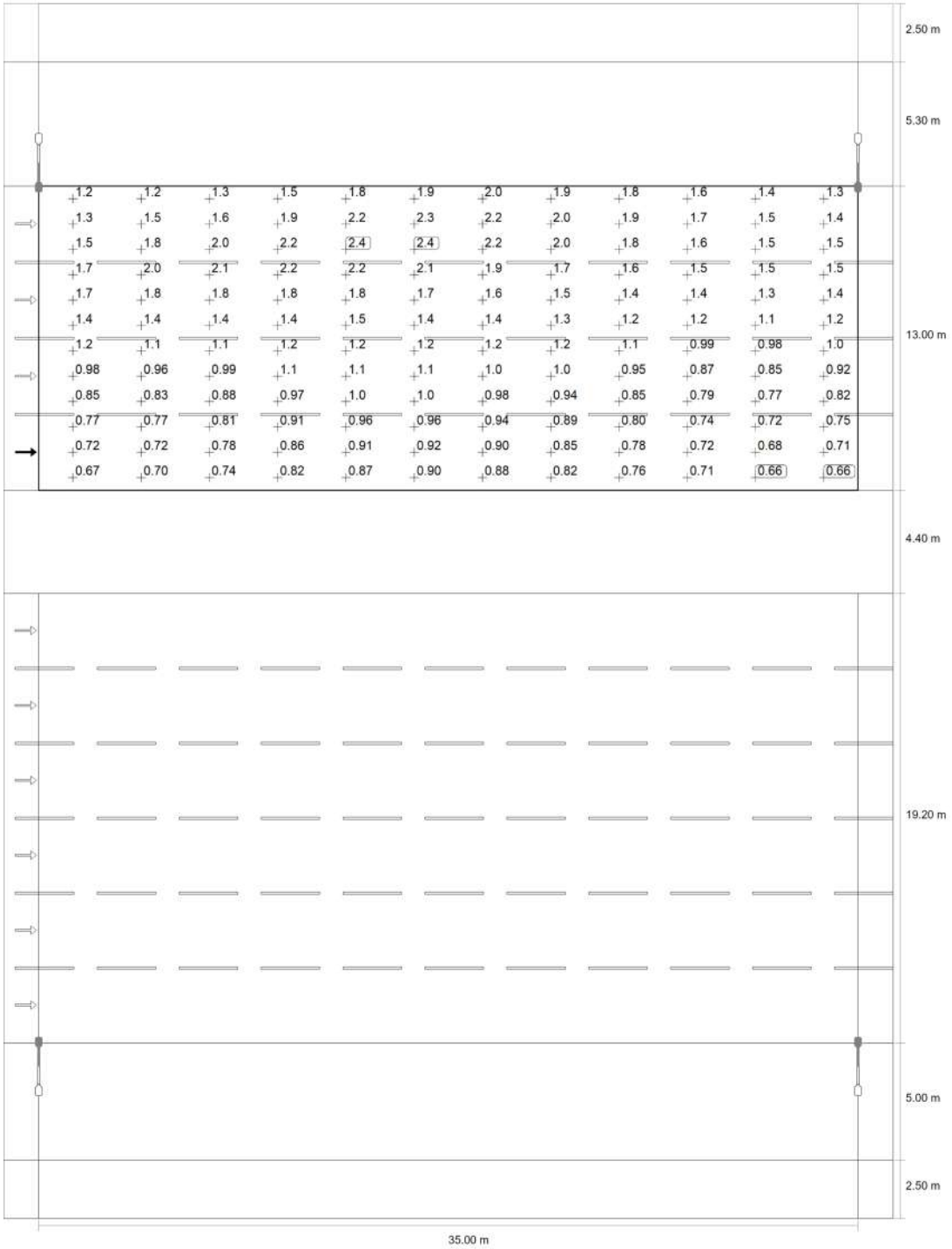
Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio (M3)



Observer 1: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio (M3)



Observer 1: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio (M3)

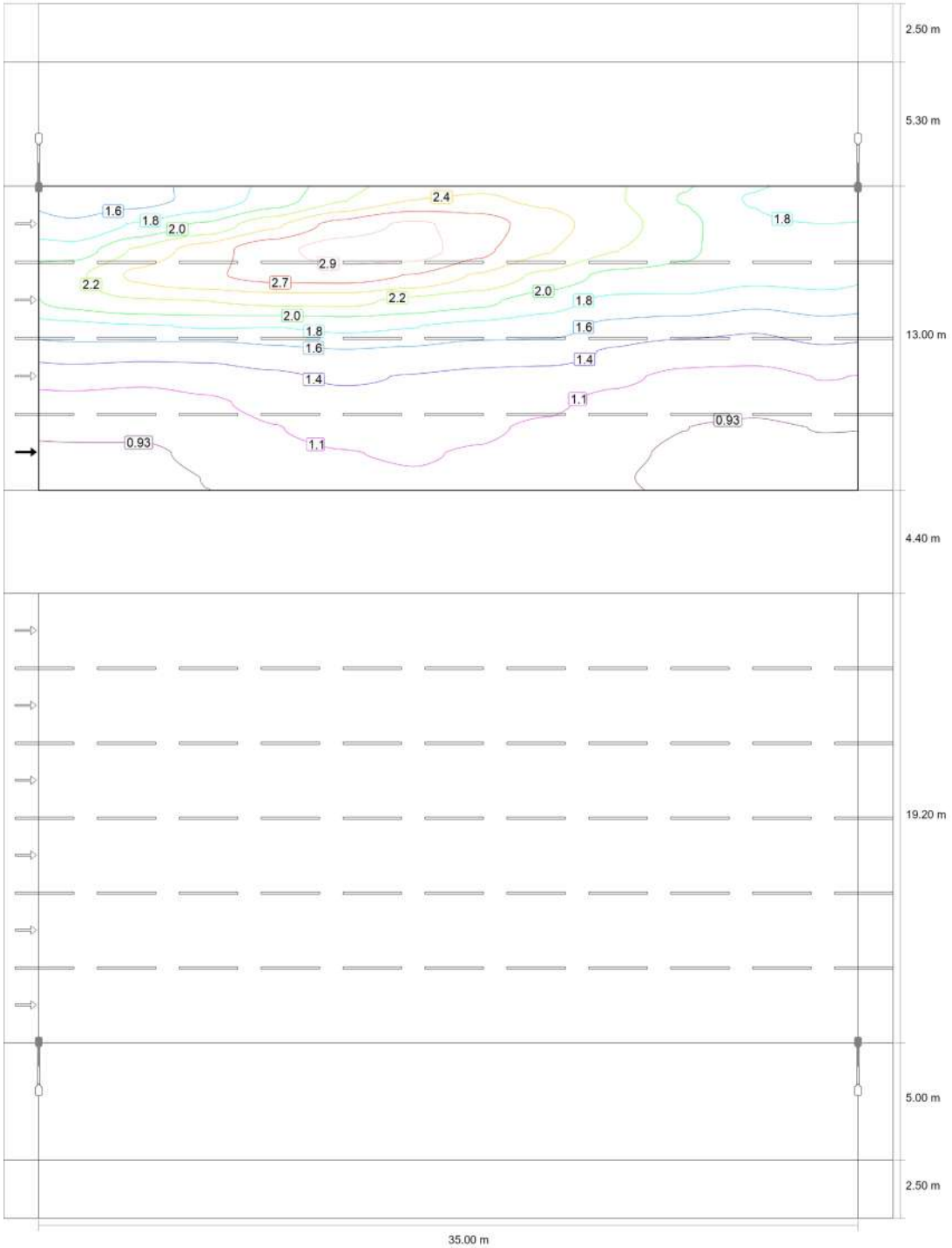
m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
43.558	1.16	1.20	1.31	1.50	1.76	1.94	1.96	1.91	1.79	1.59	1.42	1.33
42.475	1.30	1.45	1.63	1.92	2.19	2.32	2.21	2.02	1.86	1.65	1.47	1.43
41.392	1.51	1.80	2.03	2.23	2.38	2.37	2.17	1.96	1.78	1.63	1.53	1.54
40.308	1.73	1.98	2.09	2.18	2.19	2.11	1.93	1.73	1.55	1.54	1.49	1.51
39.225	1.67	1.76	1.78	1.81	1.82	1.73	1.65	1.50	1.39	1.38	1.30	1.35
38.142	1.38	1.42	1.44	1.43	1.47	1.44	1.38	1.33	1.21	1.16	1.11	1.18
37.058	1.17	1.14	1.14	1.21	1.25	1.22	1.16	1.16	1.06	0.99	0.98	1.05
35.975	0.98	0.96	0.99	1.05	1.11	1.08	1.05	1.02	0.95	0.87	0.85	0.92
34.892	0.85	0.83	0.88	0.97	1.02	1.01	0.98	0.94	0.85	0.79	0.77	0.82
33.808	0.77	0.77	0.81	0.91	0.96	0.96	0.94	0.89	0.80	0.74	0.72	0.75
32.725	0.72	0.72	0.78	0.86	0.91	0.92	0.90	0.85	0.78	0.72	0.68	0.71
31.642	0.67	0.70	0.74	0.82	0.87	0.90	0.88	0.82	0.76	0.71	0.66	0.66

Observer 1: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 1: Maintenance value, luminance with dry roadway	1.29 cd/m²	0.66 cd/m²	2.38 cd/m²	0.51	0.28

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

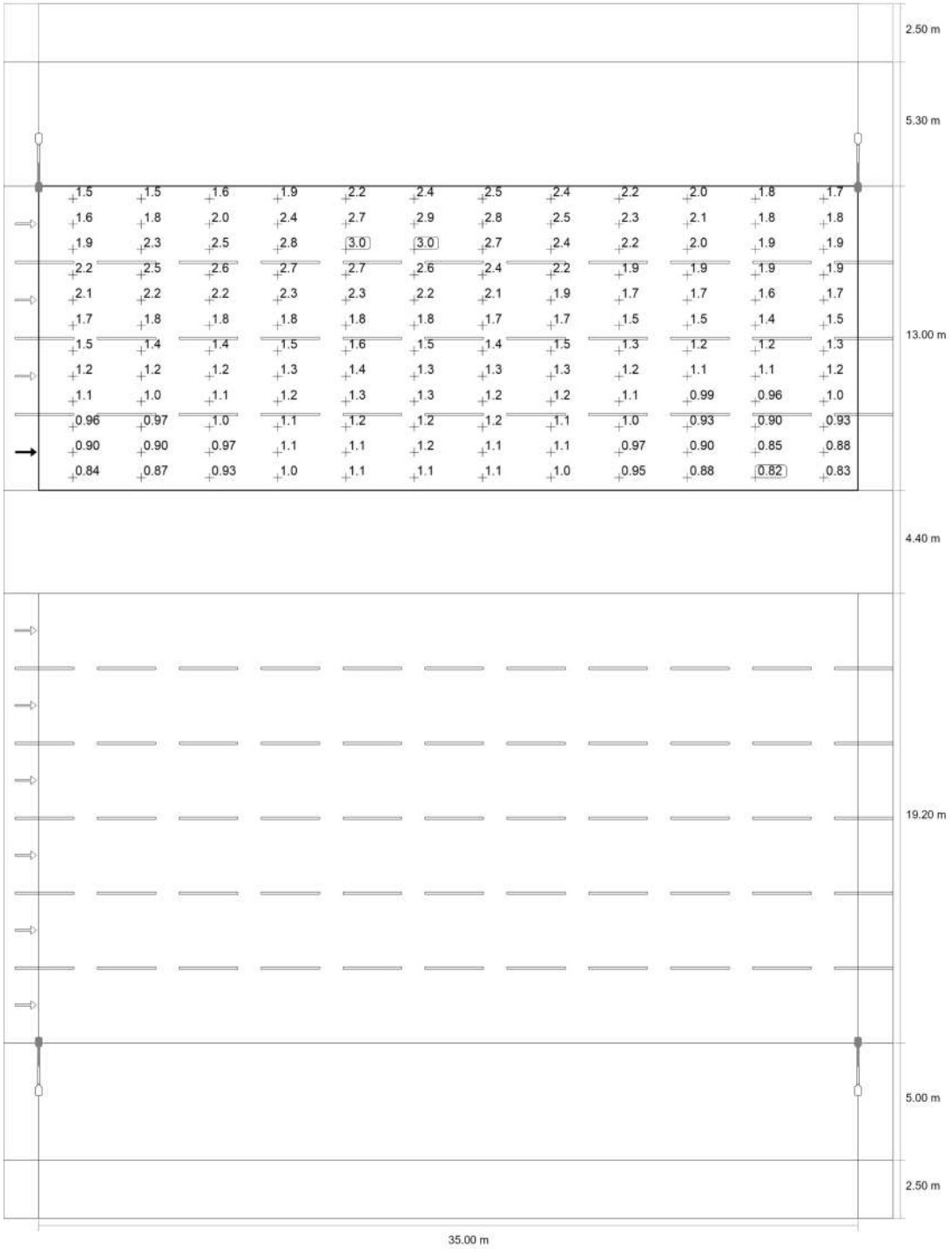
Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio (M3)



Observer 1: Luminance with new installation [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio (M3)



Observer 1: Luminance with new installation [cd/m²] (Value grid)

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio (M3)

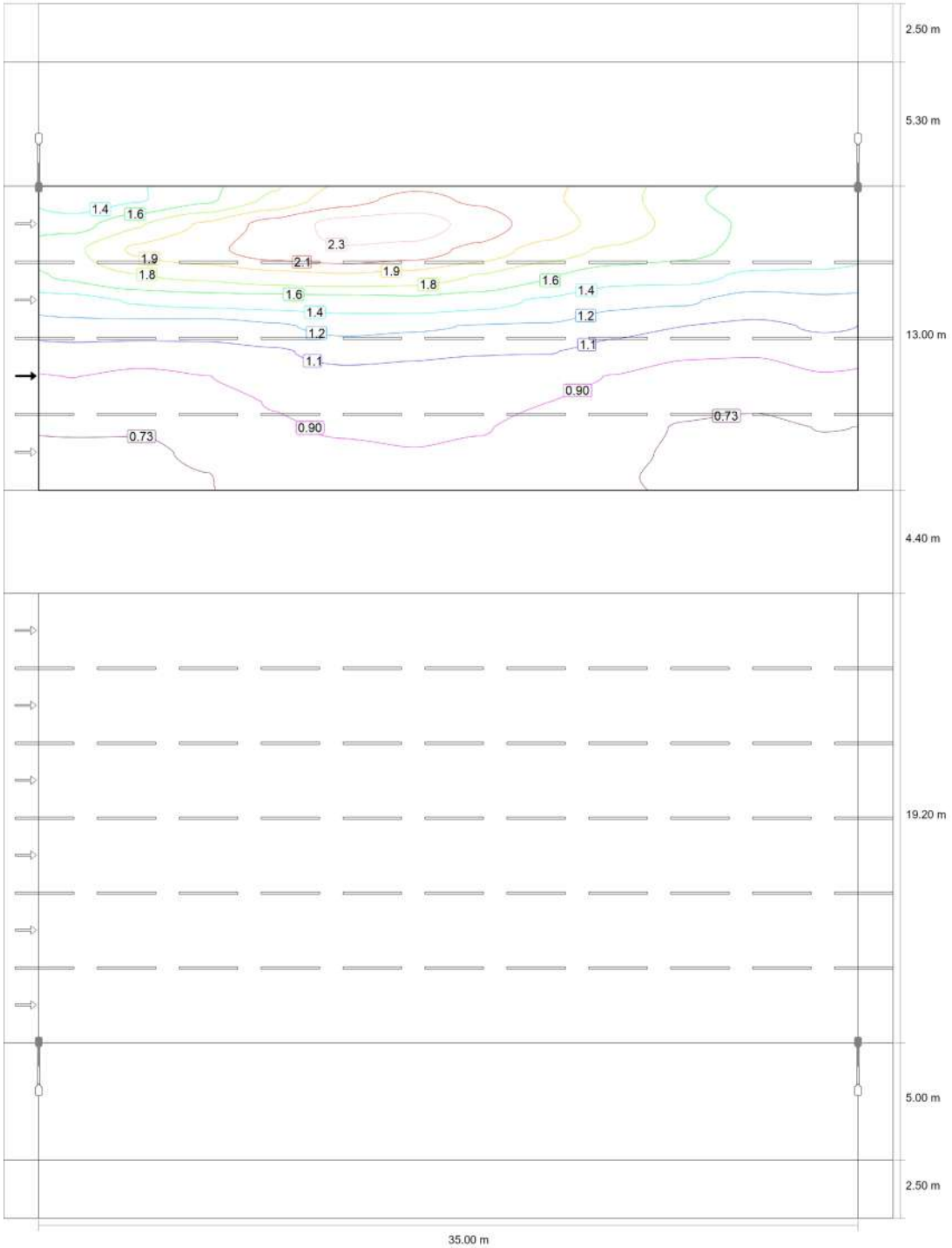
m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
43.558	1.46	1.50	1.63	1.88	2.21	2.43	2.45	2.39	2.24	1.99	1.77	1.66
42.475	1.63	1.81	2.04	2.40	2.73	2.90	2.76	2.52	2.33	2.07	1.84	1.79
41.392	1.89	2.25	2.54	2.79	2.97	2.97	2.71	2.45	2.22	2.04	1.91	1.92
40.308	2.16	2.48	2.62	2.72	2.74	2.64	2.41	2.16	1.94	1.93	1.86	1.88
39.225	2.08	2.20	2.22	2.27	2.28	2.16	2.06	1.88	1.73	1.72	1.63	1.69
38.142	1.72	1.77	1.80	1.79	1.83	1.80	1.72	1.66	1.51	1.45	1.38	1.48
37.058	1.46	1.43	1.42	1.51	1.56	1.52	1.44	1.45	1.33	1.24	1.23	1.31
35.975	1.22	1.20	1.24	1.31	1.39	1.35	1.31	1.28	1.19	1.09	1.07	1.15
34.892	1.06	1.03	1.10	1.21	1.27	1.26	1.23	1.18	1.07	0.99	0.96	1.02
33.808	0.96	0.97	1.02	1.14	1.20	1.20	1.17	1.11	1.00	0.93	0.90	0.93
32.725	0.90	0.90	0.97	1.08	1.14	1.15	1.13	1.06	0.97	0.90	0.85	0.88
31.642	0.84	0.87	0.93	1.02	1.08	1.13	1.10	1.02	0.95	0.88	0.82	0.83

Observer 1: Luminance with new installation [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 1: Luminance with new installation	1.61 cd/m²	0.82 cd/m²	2.97 cd/m²	0.51	0.28

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

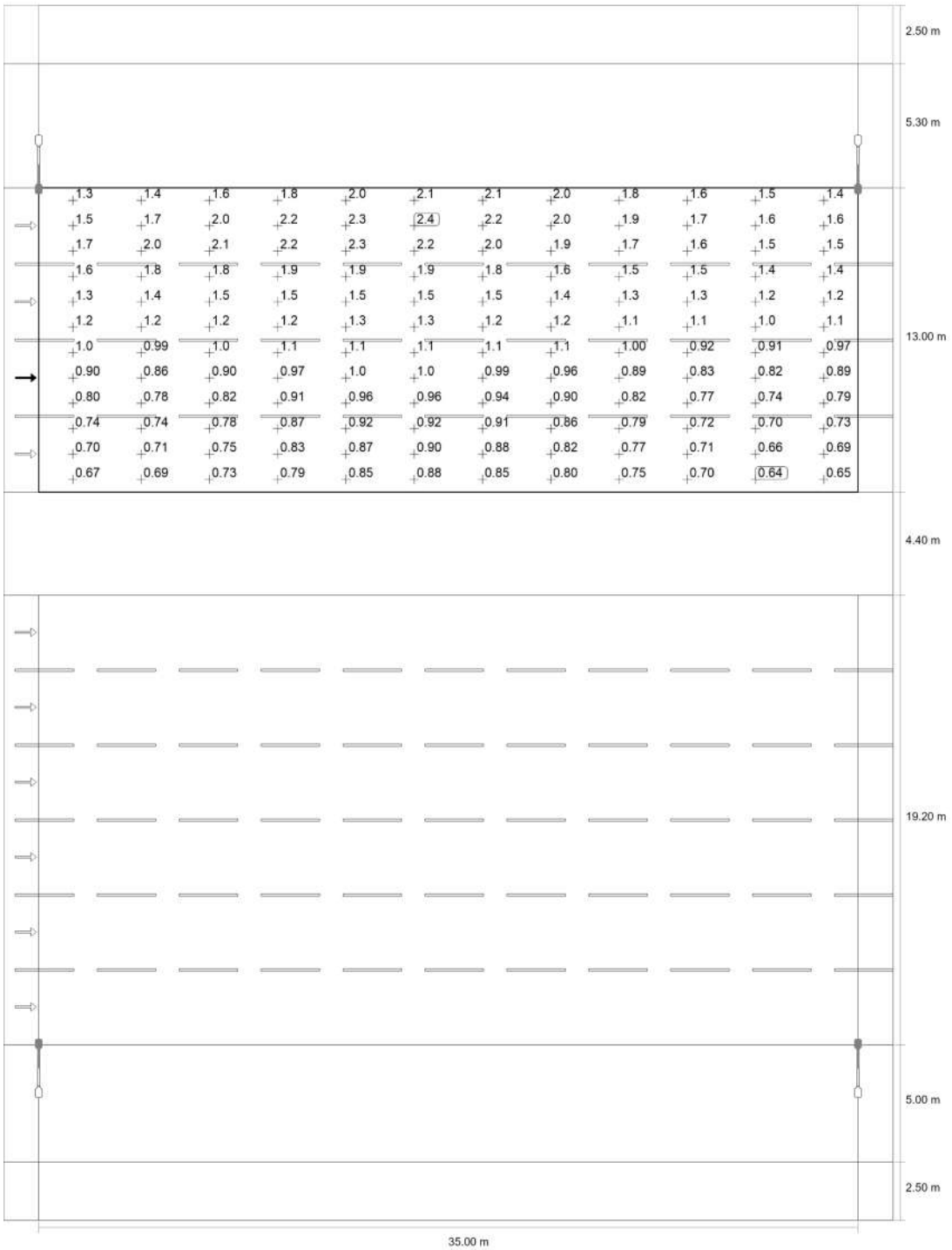
Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio (M3)



Observer 2: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio (M3)



Observer 2: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio (M3)

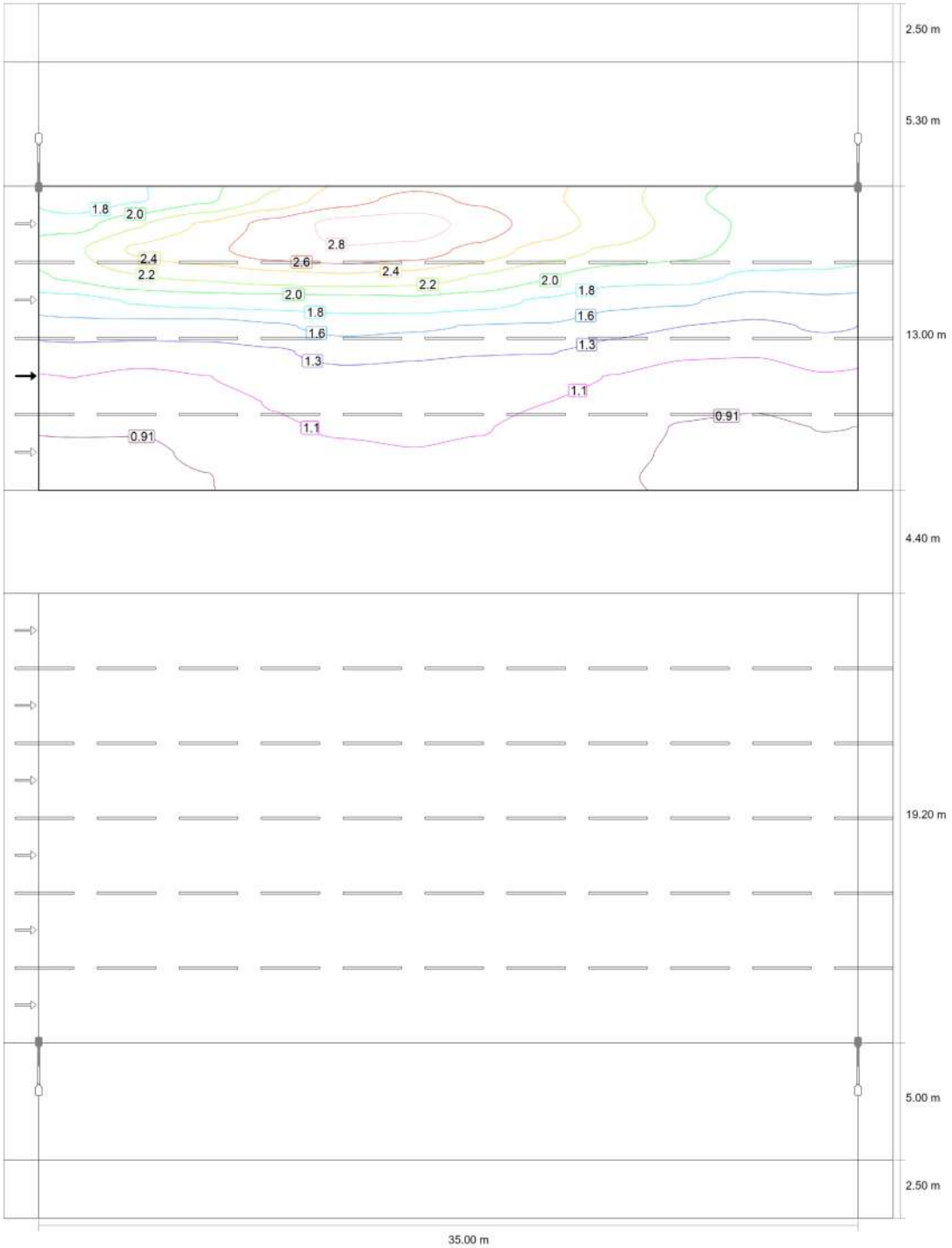
m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
43.558	1.31	1.40	1.56	1.79	2.03	2.14	2.08	1.96	1.84	1.64	1.49	1.43
42.475	1.52	1.75	1.95	2.16	2.32	2.36	2.20	2.01	1.87	1.70	1.56	1.55
41.392	1.72	1.96	2.06	2.20	2.26	2.21	2.04	1.86	1.73	1.64	1.55	1.54
40.308	1.62	1.75	1.79	1.87	1.91	1.86	1.75	1.61	1.48	1.47	1.38	1.37
39.225	1.35	1.43	1.47	1.49	1.50	1.53	1.48	1.39	1.29	1.26	1.16	1.21
38.142	1.18	1.17	1.16	1.22	1.30	1.27	1.24	1.23	1.12	1.07	1.04	1.09
37.058	1.01	0.99	1.01	1.05	1.13	1.10	1.08	1.08	1.00	0.92	0.91	0.97
35.975	0.90	0.86	0.90	0.97	1.02	1.02	0.99	0.96	0.89	0.83	0.82	0.89
34.892	0.80	0.78	0.82	0.91	0.96	0.96	0.94	0.90	0.82	0.77	0.74	0.79
33.808	0.74	0.74	0.78	0.87	0.92	0.92	0.91	0.86	0.79	0.72	0.70	0.73
32.725	0.70	0.71	0.75	0.83	0.87	0.90	0.88	0.82	0.77	0.71	0.66	0.69
31.642	0.67	0.69	0.73	0.79	0.85	0.88	0.85	0.80	0.75	0.70	0.64	0.65

Observer 2: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 2: Maintenance value, luminance with dry roadway	1.24 cd/m²	0.64 cd/m²	2.36 cd/m²	0.52	0.27

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

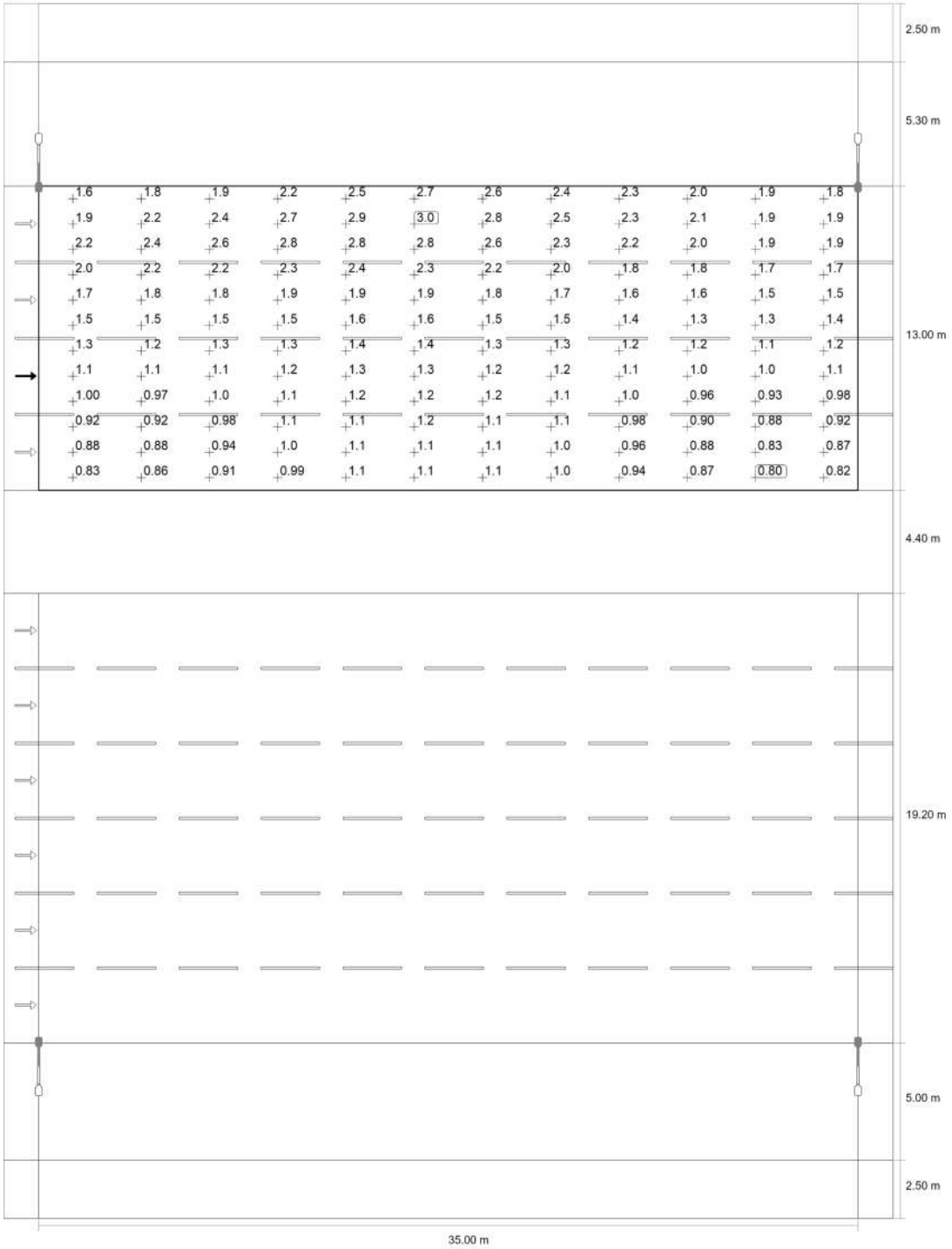
Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio (M3)



Observer 2: Luminance with new installation [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio (M3)



Observer 2: Luminance with new installation [cd/m²] (Value grid)

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio (M3)

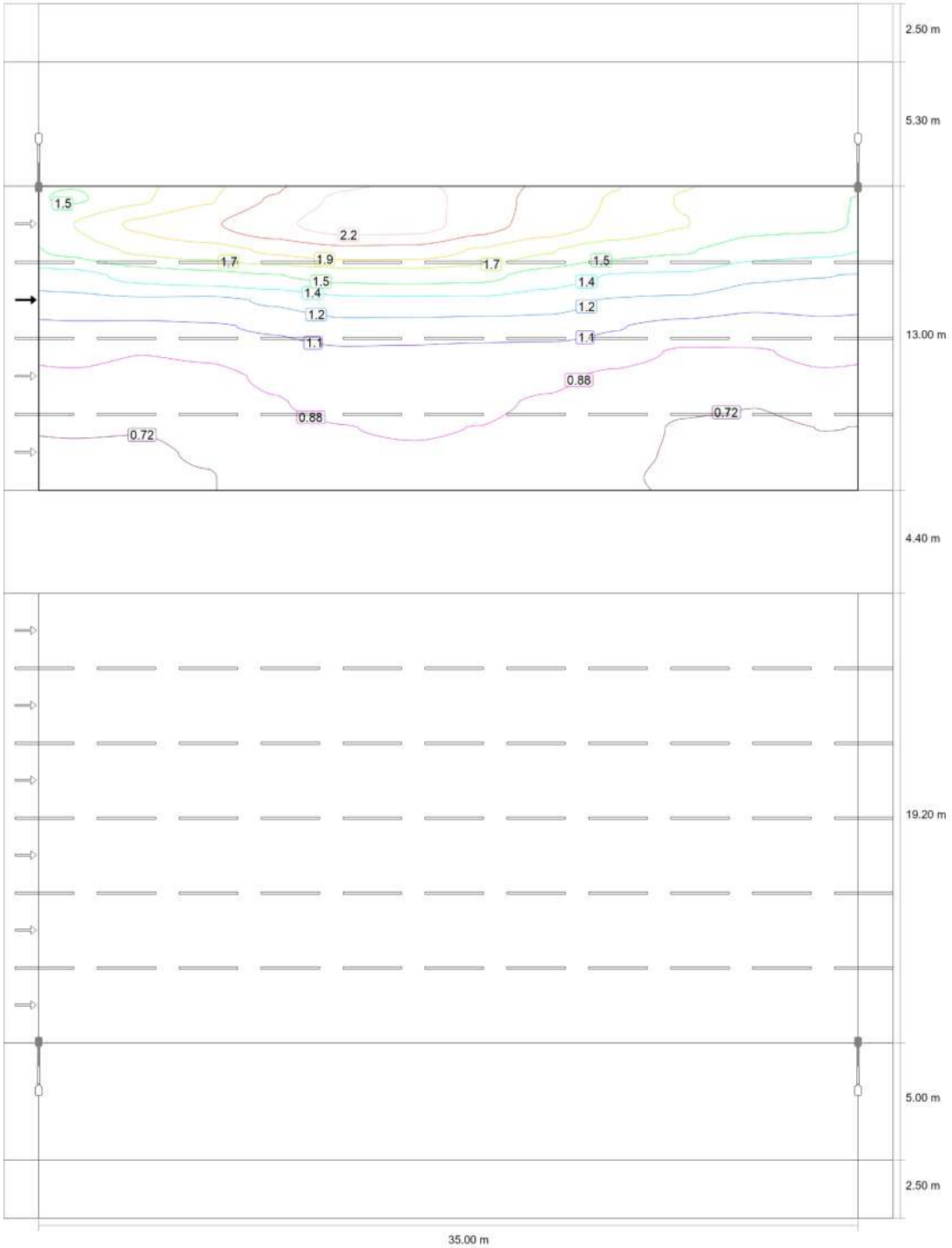
m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
43.558	1.64	1.75	1.95	2.24	2.53	2.68	2.59	2.45	2.29	2.05	1.86	1.79
42.475	1.91	2.19	2.44	2.70	2.90	2.95	2.75	2.52	2.33	2.13	1.95	1.94
41.392	2.15	2.45	2.57	2.75	2.82	2.76	2.55	2.32	2.16	2.05	1.93	1.92
40.308	2.02	2.19	2.24	2.33	2.39	2.32	2.19	2.01	1.85	1.83	1.73	1.72
39.225	1.68	1.79	1.84	1.86	1.88	1.91	1.85	1.74	1.61	1.58	1.45	1.51
38.142	1.48	1.46	1.45	1.53	1.62	1.59	1.55	1.53	1.41	1.34	1.30	1.36
37.058	1.26	1.24	1.26	1.32	1.41	1.37	1.35	1.35	1.25	1.15	1.14	1.21
35.975	1.13	1.07	1.12	1.22	1.27	1.27	1.24	1.20	1.12	1.04	1.02	1.11
34.892	1.00	0.97	1.03	1.14	1.21	1.20	1.17	1.13	1.03	0.96	0.93	0.98
33.808	0.92	0.92	0.98	1.09	1.15	1.15	1.13	1.07	0.98	0.90	0.88	0.92
32.725	0.88	0.88	0.94	1.04	1.09	1.12	1.10	1.03	0.96	0.88	0.83	0.87
31.642	0.83	0.86	0.91	0.99	1.06	1.10	1.07	1.00	0.94	0.87	0.80	0.82

Observer 2: Luminance with new installation [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 2: Luminance with new installation	1.55 cd/m²	0.80 cd/m²	2.95 cd/m²	0.52	0.27

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

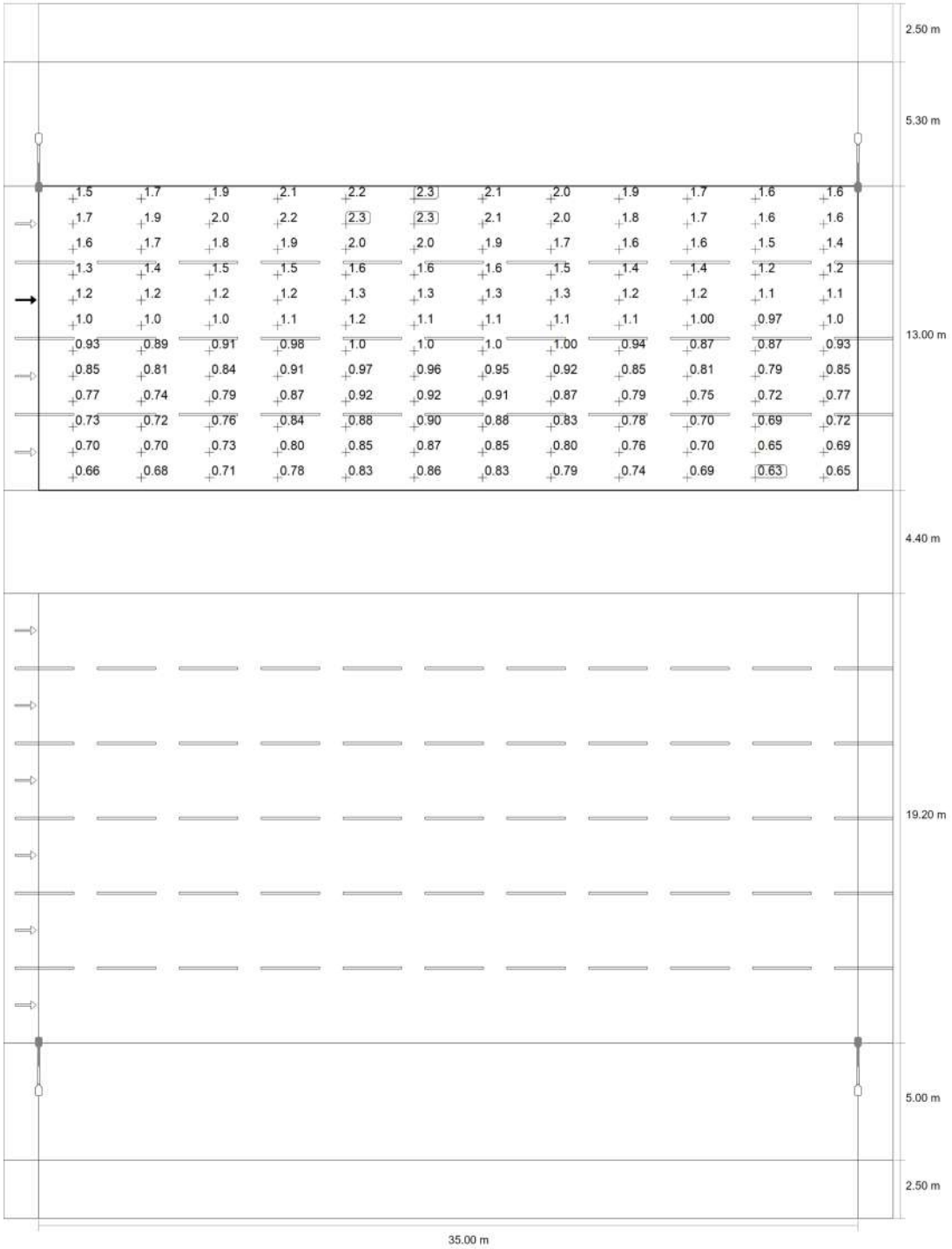
Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio (M3)



Observer 3: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio (M3)



Observer 3: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio (M3)

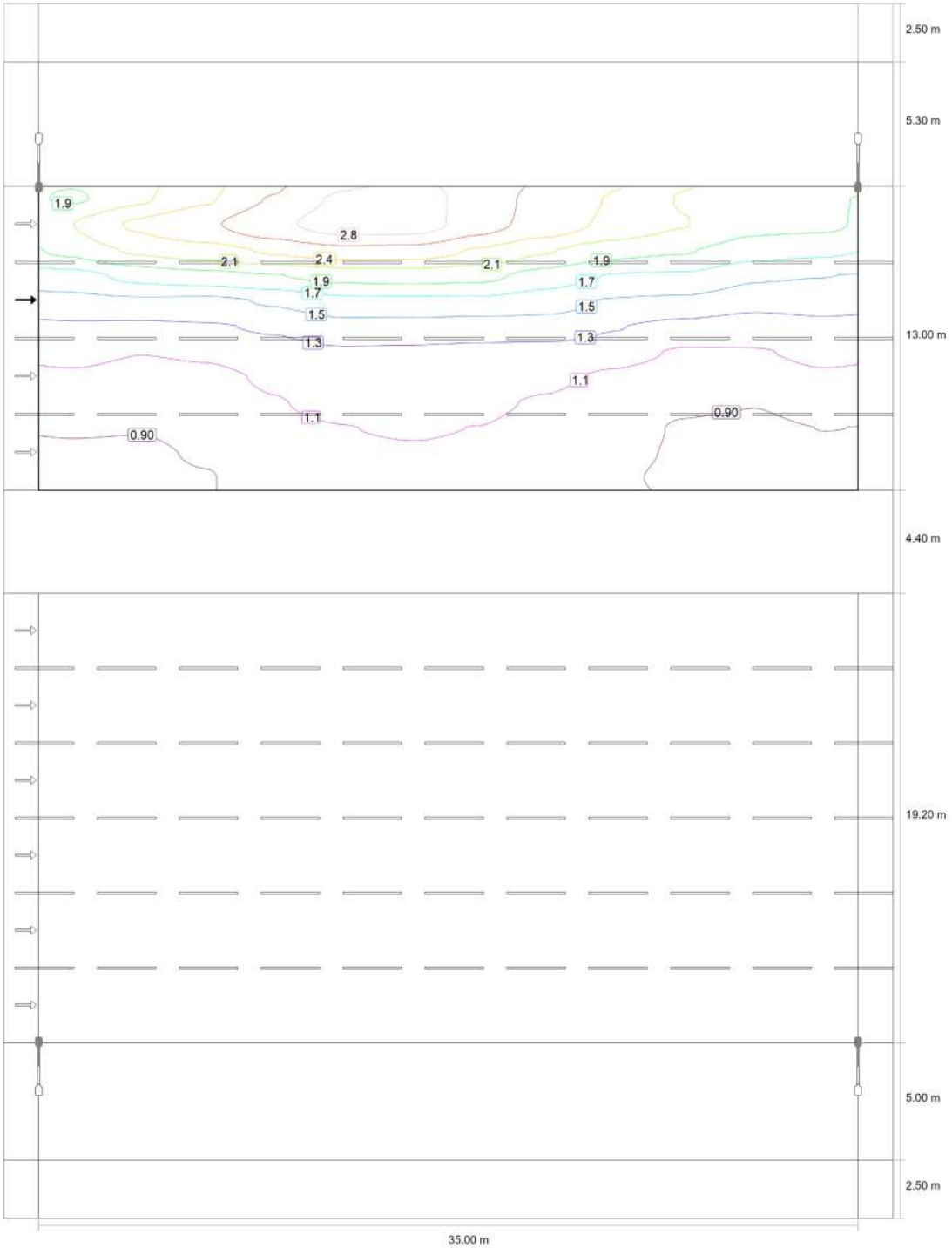
m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
43.558	1.53	1.68	1.86	2.06	2.24	2.28	2.15	1.99	1.87	1.70	1.58	1.56
42.475	1.71	1.91	2.02	2.17	2.30	2.29	2.12	1.98	1.84	1.72	1.59	1.58
41.392	1.59	1.74	1.80	1.91	2.00	1.98	1.87	1.73	1.61	1.56	1.46	1.42
40.308	1.32	1.43	1.48	1.54	1.60	1.61	1.59	1.47	1.37	1.36	1.24	1.22
39.225	1.16	1.19	1.18	1.24	1.34	1.34	1.34	1.28	1.20	1.18	1.10	1.12
38.142	1.03	1.02	1.03	1.07	1.15	1.15	1.13	1.14	1.06	1.00	0.97	1.00
37.058	0.93	0.89	0.91	0.98	1.03	1.02	1.01	1.00	0.94	0.87	0.87	0.93
35.975	0.85	0.81	0.84	0.91	0.97	0.96	0.95	0.92	0.85	0.81	0.79	0.85
34.892	0.77	0.74	0.79	0.87	0.92	0.92	0.91	0.87	0.79	0.75	0.72	0.77
33.808	0.73	0.72	0.76	0.84	0.88	0.90	0.88	0.83	0.78	0.70	0.69	0.72
32.725	0.70	0.70	0.73	0.80	0.85	0.87	0.85	0.80	0.76	0.70	0.65	0.69
31.642	0.66	0.68	0.71	0.78	0.83	0.86	0.83	0.79	0.74	0.69	0.63	0.65

Observer 3: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 3: Maintenance value, luminance with dry roadway	1.18 cd/m²	0.63 cd/m²	2.30 cd/m²	0.54	0.28

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

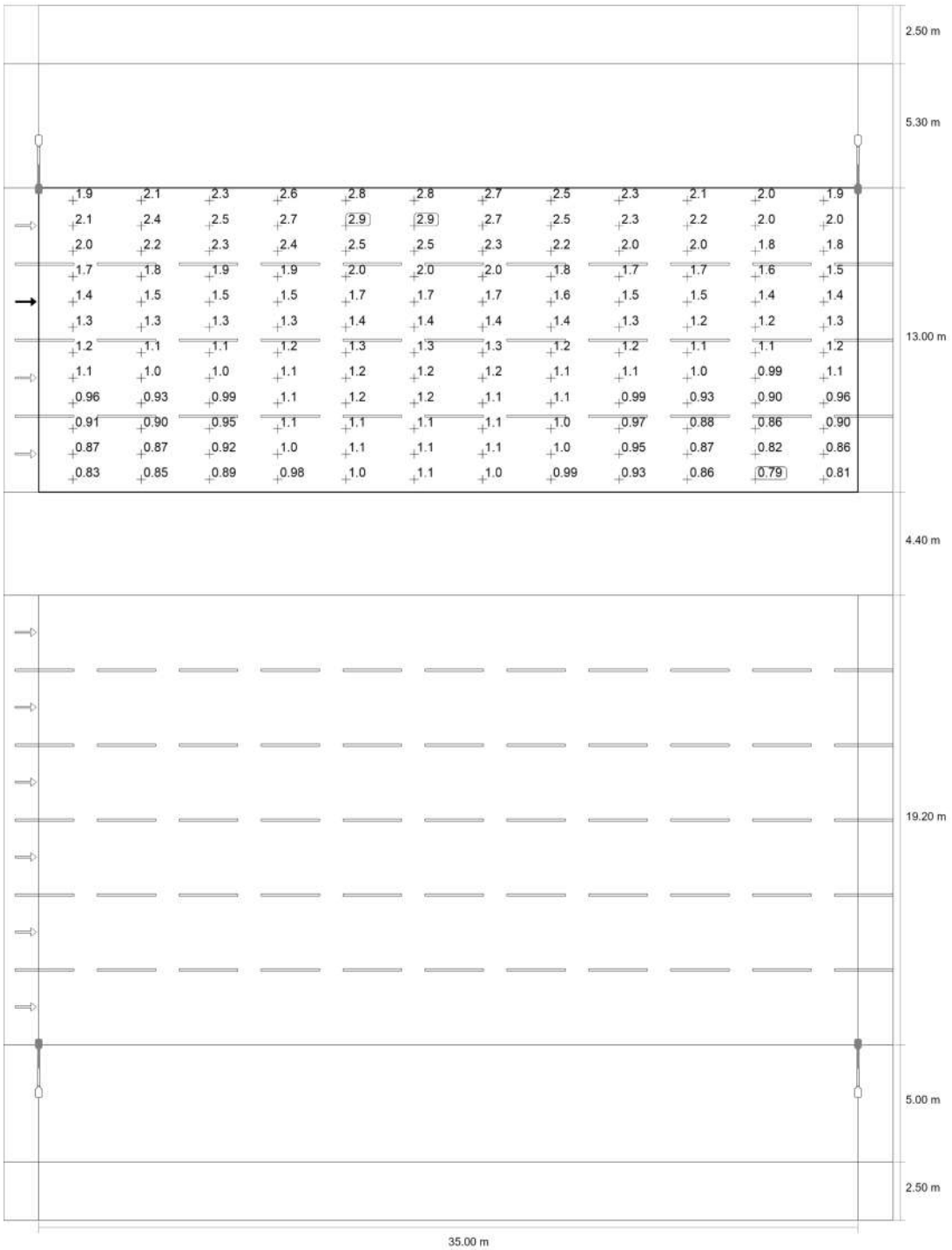
Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio (M3)



Observer 3: Luminance with new installation [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio (M3)



Observer 3: Luminance with new installation [cd/m²] (Value grid)

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio (M3)

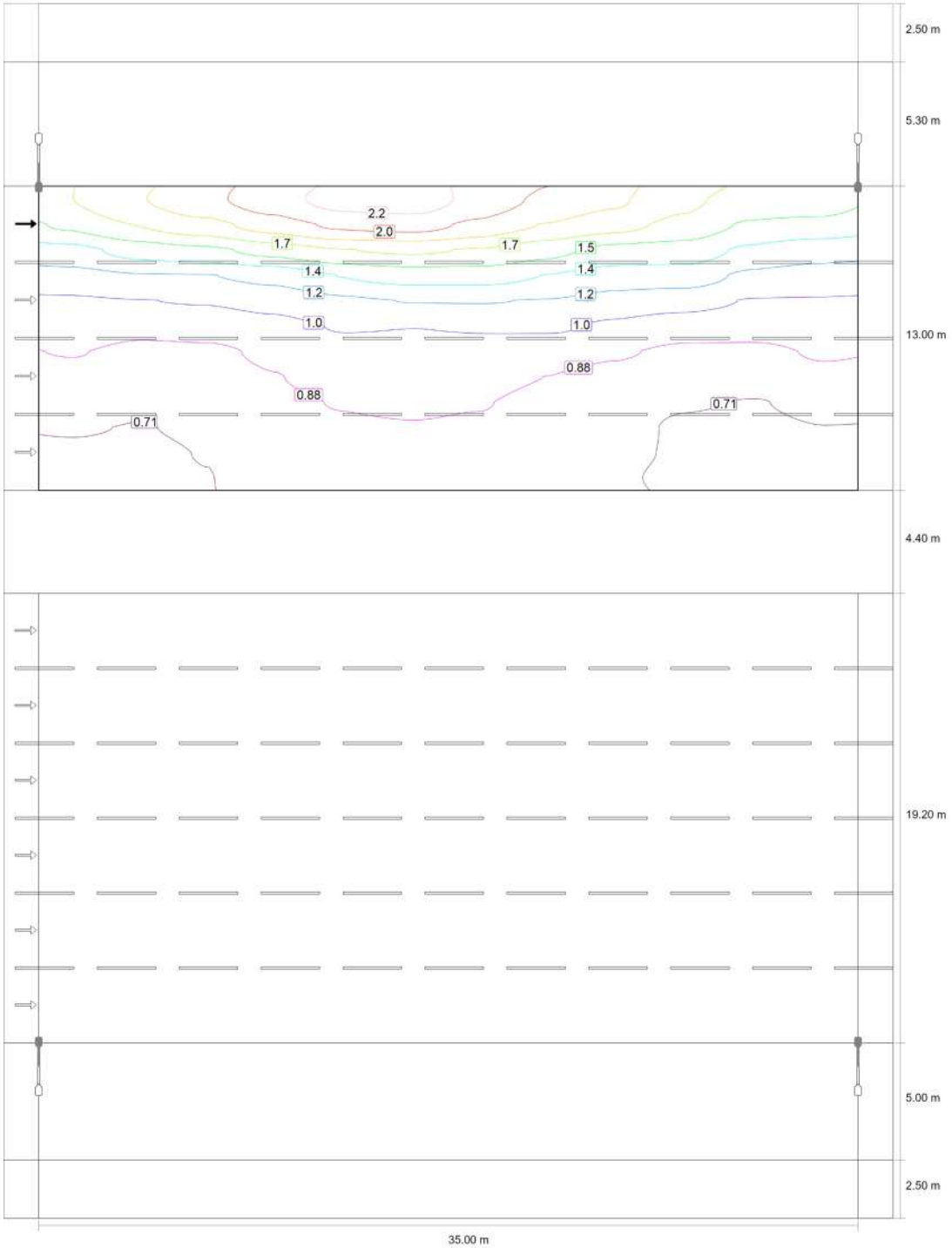
m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
43.558	1.91	2.10	2.33	2.58	2.81	2.84	2.68	2.48	2.34	2.13	1.98	1.95
42.475	2.14	2.39	2.52	2.71	2.87	2.86	2.65	2.47	2.30	2.15	1.99	1.97
41.392	1.99	2.18	2.26	2.39	2.49	2.48	2.33	2.16	2.01	1.95	1.82	1.78
40.308	1.65	1.79	1.86	1.93	2.00	2.01	1.99	1.84	1.72	1.70	1.56	1.52
39.225	1.45	1.48	1.47	1.55	1.67	1.68	1.67	1.60	1.50	1.47	1.37	1.40
38.142	1.28	1.27	1.29	1.34	1.44	1.43	1.42	1.42	1.32	1.25	1.22	1.25
37.058	1.16	1.11	1.14	1.22	1.29	1.28	1.26	1.24	1.18	1.09	1.09	1.16
35.975	1.07	1.01	1.05	1.14	1.21	1.20	1.19	1.15	1.07	1.01	0.99	1.06
34.892	0.96	0.93	0.99	1.09	1.15	1.16	1.14	1.08	0.99	0.93	0.90	0.96
33.808	0.91	0.90	0.95	1.05	1.10	1.12	1.10	1.04	0.97	0.88	0.86	0.90
32.725	0.87	0.87	0.92	1.01	1.06	1.09	1.07	1.01	0.95	0.87	0.82	0.86
31.642	0.83	0.85	0.89	0.98	1.04	1.07	1.04	0.99	0.93	0.86	0.79	0.81

Observer 3: Luminance with new installation [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 3: Luminance with new installation	1.48 cd/m²	0.79 cd/m²	2.87 cd/m²	0.54	0.28

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

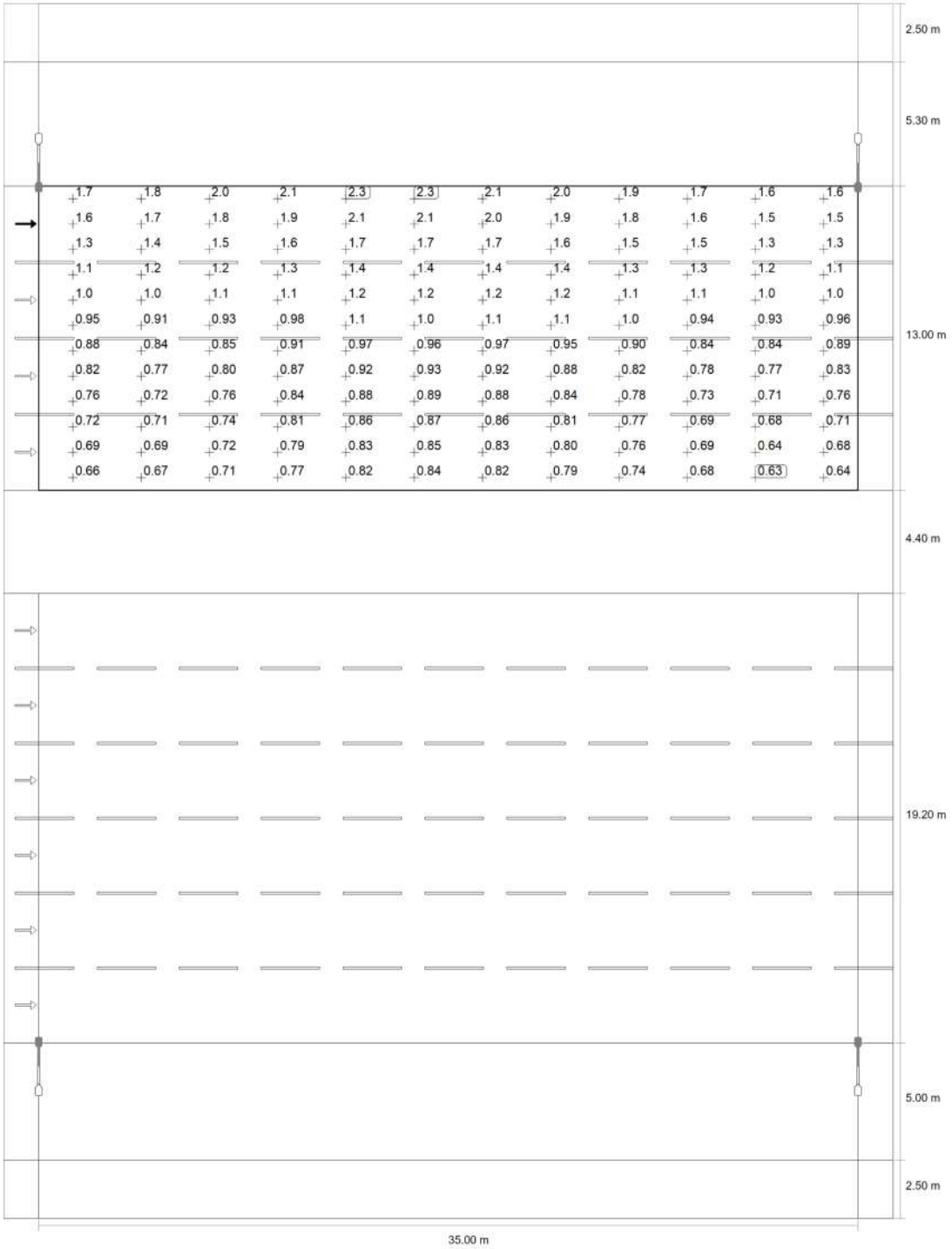
Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio (M3)



Observer 4: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio (M3)



Observer 4: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio (M3)

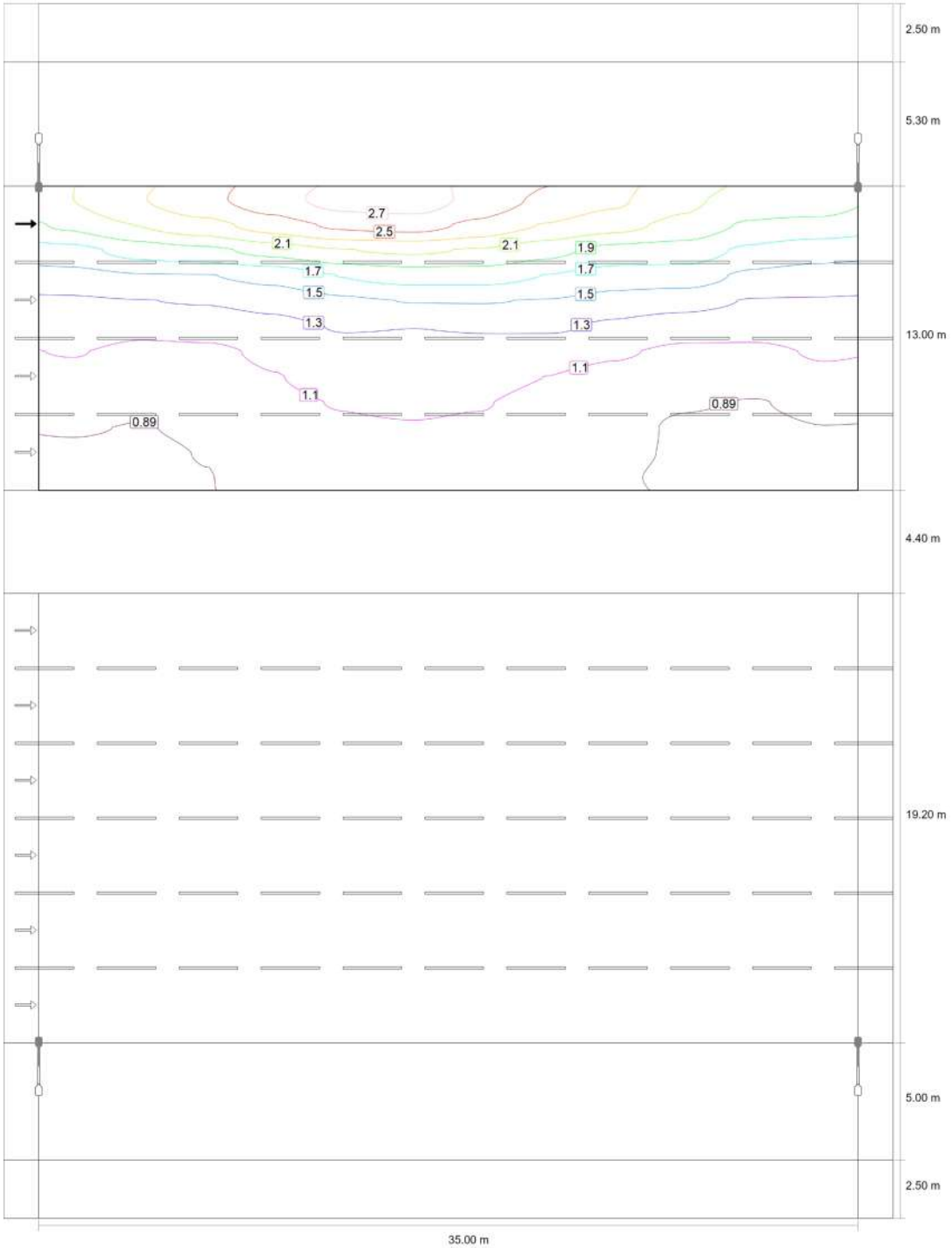
m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
43.558	1.70	1.85	1.98	2.12	2.26	2.27	2.14	1.99	1.89	1.74	1.63	1.61
42.475	1.57	1.70	1.81	1.94	2.06	2.10	1.98	1.85	1.76	1.65	1.51	1.48
41.392	1.32	1.43	1.50	1.59	1.69	1.72	1.68	1.59	1.48	1.45	1.33	1.26
40.308	1.14	1.20	1.20	1.25	1.38	1.43	1.43	1.37	1.29	1.28	1.17	1.14
39.225	1.02	1.04	1.05	1.10	1.17	1.21	1.21	1.20	1.14	1.10	1.03	1.03
38.142	0.95	0.91	0.93	0.98	1.05	1.04	1.06	1.06	1.00	0.94	0.93	0.96
37.058	0.88	0.84	0.85	0.91	0.97	0.96	0.97	0.95	0.90	0.84	0.84	0.89
35.975	0.82	0.77	0.80	0.87	0.92	0.93	0.92	0.88	0.82	0.78	0.77	0.83
34.892	0.76	0.72	0.76	0.84	0.88	0.89	0.88	0.84	0.78	0.73	0.71	0.76
33.808	0.72	0.71	0.74	0.81	0.86	0.87	0.86	0.81	0.77	0.69	0.68	0.71
32.725	0.69	0.69	0.72	0.79	0.83	0.85	0.83	0.80	0.76	0.69	0.64	0.68
31.642	0.66	0.67	0.71	0.77	0.82	0.84	0.82	0.79	0.74	0.68	0.63	0.64

Observer 4: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 4: Maintenance value, luminance with dry roadway	1.11 cd/m²	0.63 cd/m²	2.27 cd/m²	0.57	0.28

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

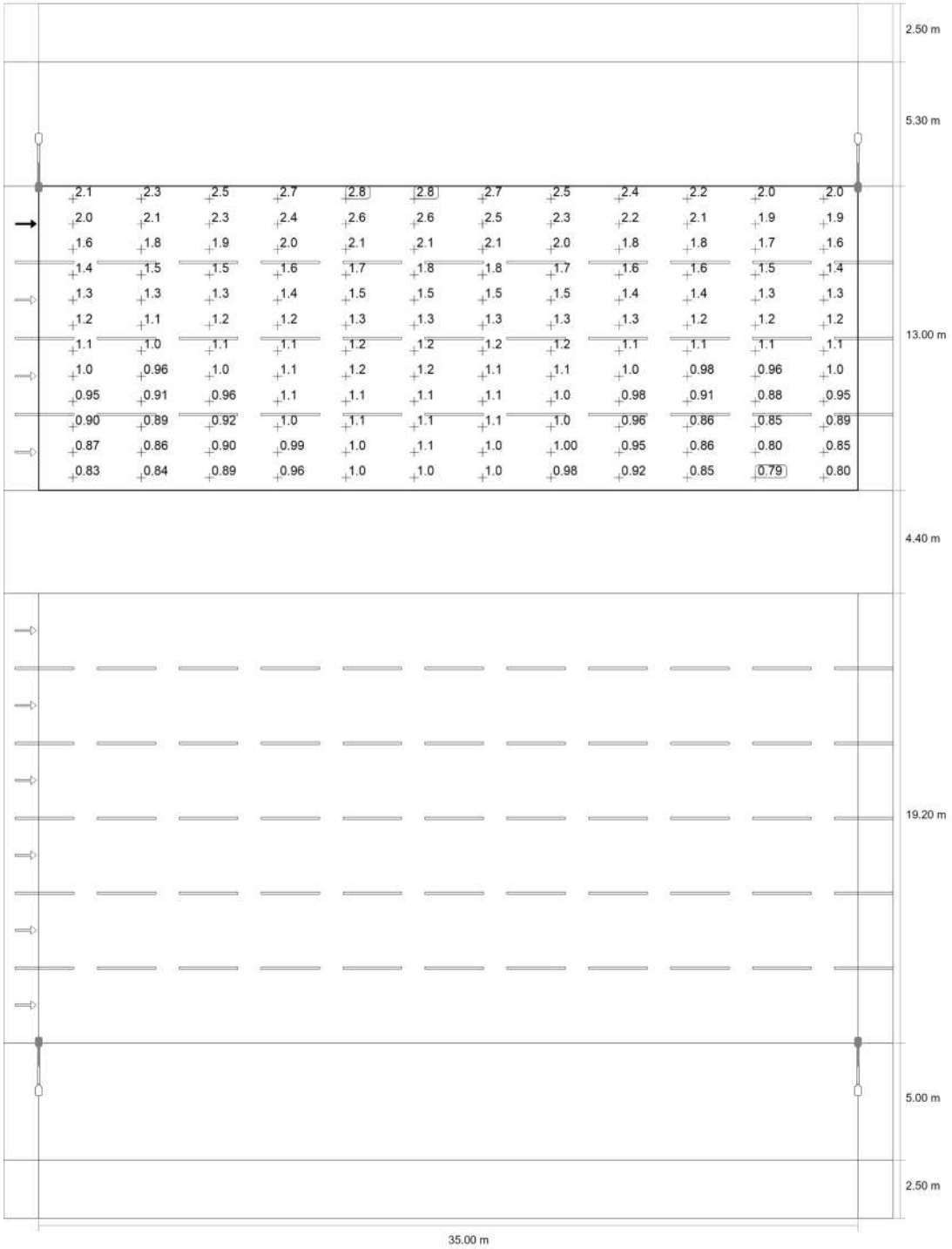
Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio (M3)



Observer 4: Luminance with new installation [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio (M3)



Observer 4: Luminance with new installation [cd/m²] (Value grid)

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio (M3)

m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
43.558	2.12	2.31	2.48	2.65	2.82	2.84	2.67	2.49	2.36	2.17	2.04	2.01
42.475	1.96	2.13	2.26	2.43	2.58	2.62	2.48	2.32	2.20	2.06	1.89	1.85
41.392	1.65	1.79	1.87	1.99	2.12	2.15	2.11	1.98	1.84	1.82	1.66	1.58
40.308	1.43	1.50	1.50	1.57	1.72	1.79	1.79	1.71	1.61	1.60	1.46	1.42
39.225	1.27	1.30	1.32	1.37	1.47	1.51	1.51	1.50	1.42	1.38	1.29	1.29
38.142	1.19	1.14	1.16	1.23	1.32	1.31	1.32	1.33	1.25	1.18	1.16	1.21
37.058	1.11	1.05	1.06	1.13	1.21	1.21	1.21	1.18	1.12	1.05	1.05	1.12
35.975	1.03	0.96	1.00	1.09	1.15	1.16	1.15	1.10	1.03	0.98	0.96	1.04
34.892	0.95	0.91	0.96	1.05	1.11	1.12	1.10	1.04	0.98	0.91	0.88	0.95
33.808	0.90	0.89	0.92	1.01	1.07	1.09	1.07	1.01	0.96	0.86	0.85	0.89
32.725	0.87	0.86	0.90	0.99	1.04	1.06	1.04	1.00	0.95	0.86	0.80	0.85
31.642	0.83	0.84	0.89	0.96	1.02	1.05	1.03	0.98	0.92	0.85	0.79	0.80

Observer 4: Luminance with new installation [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 4: Luminance with new installation	1.39 cd/m²	0.79 cd/m²	2.84 cd/m²	0.57	0.28

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio (M3)

Results for valuation field

	Symbol	Calculated	Target	Check
Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio (M3)	L_{av}	1.01 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.57	≥ 0.40	✓
	U_l	0.71	≥ 0.60	✓
	TI	13 %	≤ 15 %	✓
	R_{EI}	0.96	≥ 0.30	✓

Results for observer

	Symbol	Calculated	Target	Check
Observer 1 Position: -60.000 m, 9.100 m, 1.500 m	L_{av}	1.01 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.63	≥ 0.40	✓
	U_l	0.71	≥ 0.60	✓
	TI	13 %	≤ 15 %	✓
Observer 2 Position: -60.000 m, 12.300 m, 1.500 m	L_{av}	1.05 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.60	≥ 0.40	✓
	U_l	0.81	≥ 0.60	✓
	TI	11 %	≤ 15 %	✓
Observer 3 Position: -60.000 m, 15.500 m, 1.500 m	L_{av}	1.09 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.58	≥ 0.40	✓
	U_l	0.81	≥ 0.60	✓
	TI	8 %	≤ 15 %	✓

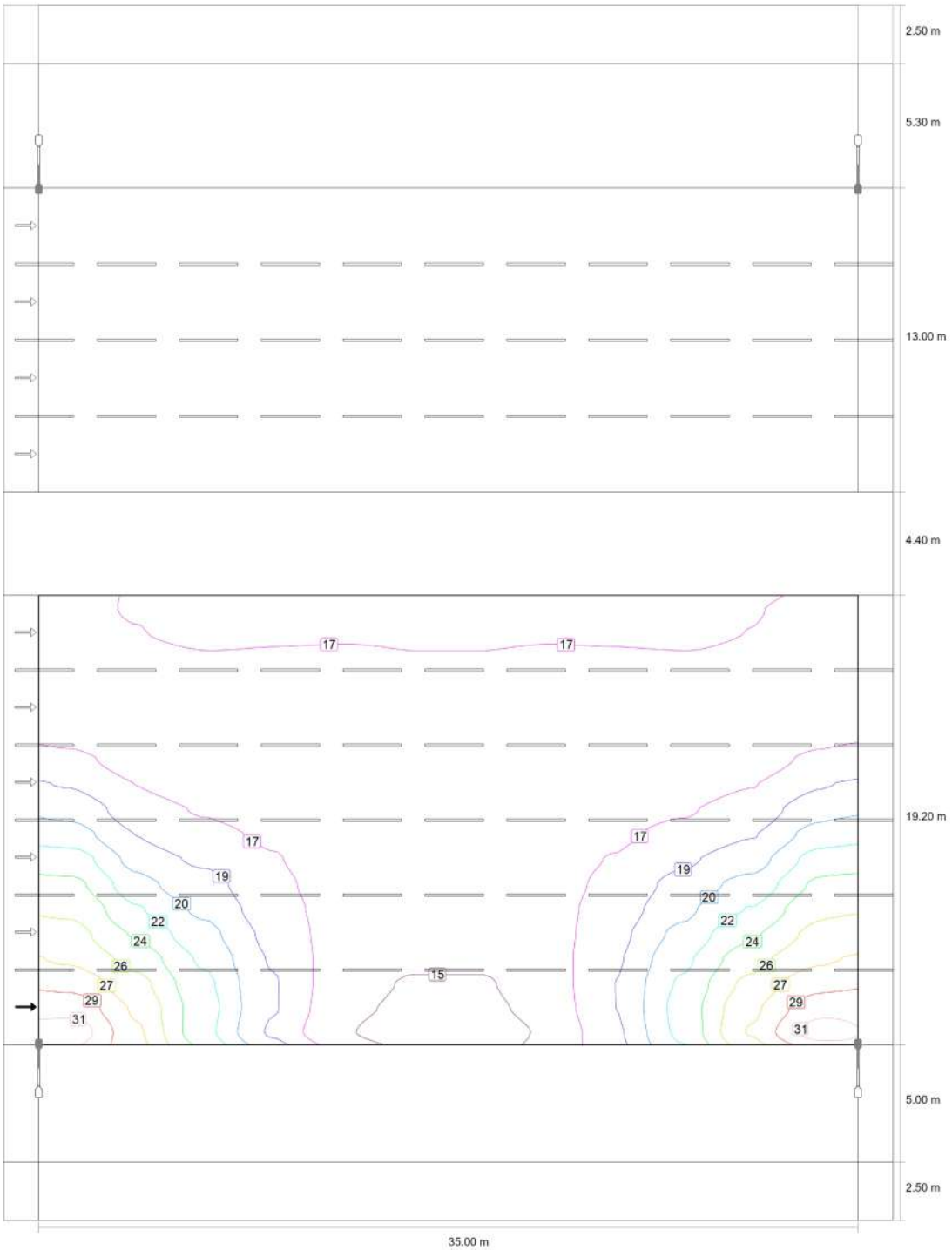
Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio (M3)

	Symbol	Calculated	Target	Check
Observer 4 Position: -60.000 m, 18.700 m, 1.500 m	L_{av}	1.12 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.58	≥ 0.40	✓
	U_l	0.74	≥ 0.60	✓
	TI	5 %	≤ 15 %	✓
Observer 5 Position: -60.000 m, 21.900 m, 1.500 m	L_{av}	1.15 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.57	≥ 0.40	✓
	U_l	0.74	≥ 0.60	✓
	TI	4 %	≤ 15 %	✓
Observer 6 Position: -60.000 m, 25.100 m, 1.500 m	L_{av}	1.17 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.57	≥ 0.40	✓
	U_l	0.80	≥ 0.60	✓
	TI	3 %	≤ 15 %	✓

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

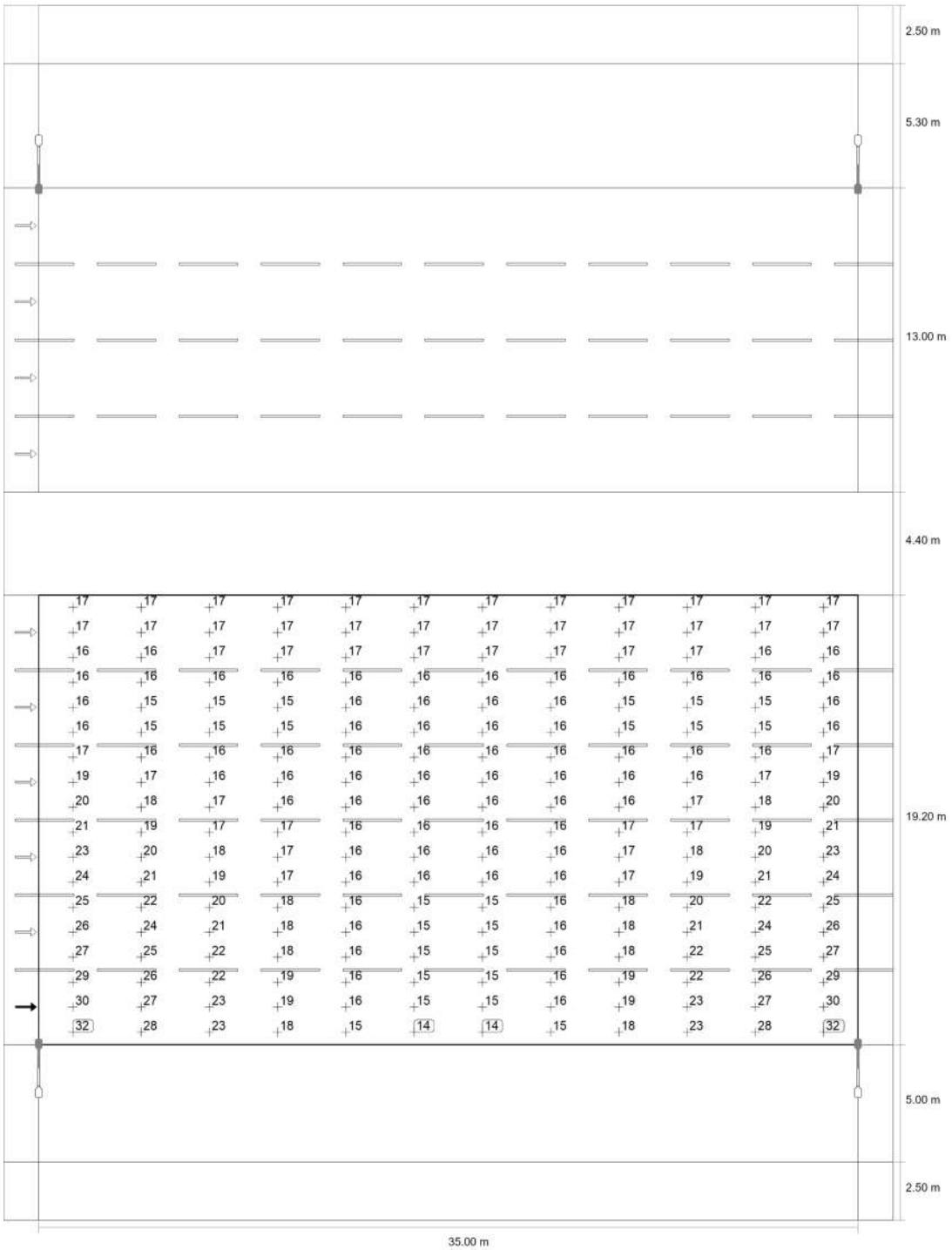
Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio (M3)



Maintenance value, horizontal illuminance [lx] (Iso-illuminance curves)

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio (M3)



Maintenance value, horizontal illuminance [lx] (Value grid)

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio (M3)

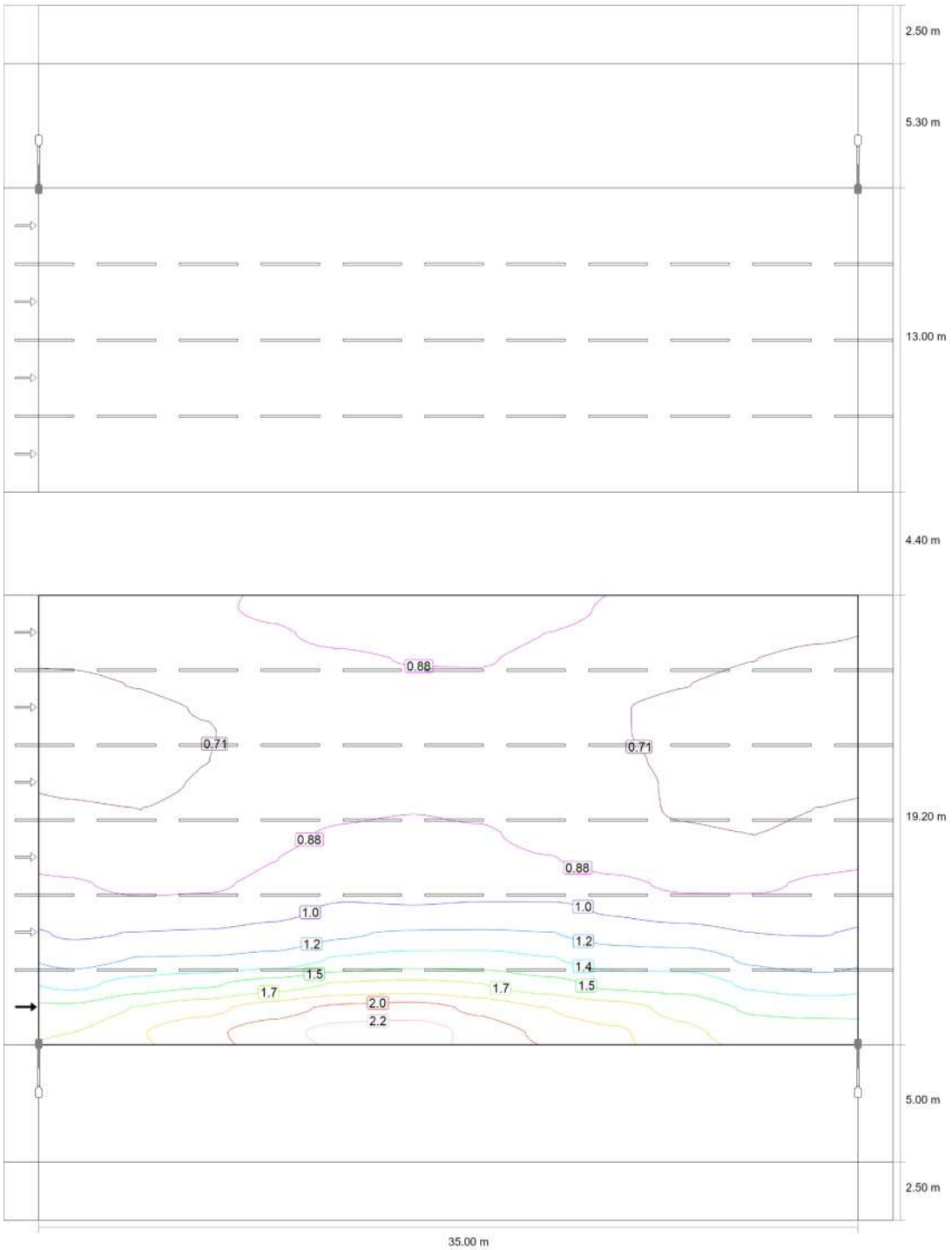
m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
26.167	16.75	16.89	17.18	17.11	17.08	17.05	17.05	17.08	17.11	17.18	16.89	16.75
25.100	16.65	16.83	17.13	17.03	16.99	17.02	17.02	16.99	17.03	17.13	16.83	16.65
24.033	16.21	16.37	16.69	16.62	16.57	16.77	16.77	16.57	16.62	16.69	16.37	16.21
22.967	15.73	15.60	15.90	15.93	16.01	16.46	16.46	16.01	15.93	15.90	15.60	15.73
21.900	15.71	15.13	15.17	15.45	15.76	16.23	16.23	15.76	15.45	15.17	15.13	15.71
20.833	16.32	15.28	15.12	15.42	15.83	16.14	16.14	15.83	15.42	15.12	15.28	16.32
19.767	17.31	16.01	15.57	15.61	15.98	16.13	16.13	15.98	15.61	15.57	16.01	17.31
18.700	18.50	16.80	16.16	16.02	16.08	16.03	16.03	16.08	16.02	16.16	16.80	18.50
17.633	19.80	17.65	16.71	16.33	16.15	15.91	15.91	16.15	16.33	16.71	17.65	19.80
16.567	21.18	18.53	17.33	16.60	16.19	15.80	15.80	16.19	16.60	17.33	18.53	21.18
15.500	22.98	19.70	18.31	16.95	16.11	15.71	15.71	16.11	16.95	18.31	19.70	22.98
14.433	24.32	20.99	19.26	17.30	16.13	15.60	15.60	16.13	17.30	19.26	20.99	24.32
13.367	25.43	22.27	20.00	17.65	16.19	15.50	15.50	16.19	17.65	20.00	22.27	25.43
12.300	26.26	23.67	20.93	18.09	16.11	15.43	15.43	16.11	18.09	20.93	23.67	26.26
11.233	27.22	25.03	21.81	18.41	16.08	15.25	15.25	16.08	18.41	21.81	25.03	27.22
10.167	28.78	26.24	22.49	18.67	15.94	14.99	14.99	15.94	18.67	22.49	26.24	28.78
9.100	30.44	27.13	22.86	18.67	15.74	14.72	14.72	15.74	18.67	22.86	27.13	30.44
8.033	31.90	27.70	22.66	18.32	15.33	14.21	14.21	15.33	18.32	22.66	27.70	31.90

Maintenance value, horizontal illuminance [lx] (Value chart)

	E_{av}	E_{min}	E_{max}	U_o (g_1)	g_2
Maintenance value, horizontal illuminance	18.2 lx	14.2 lx	31.9 lx	0.78	0.45

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

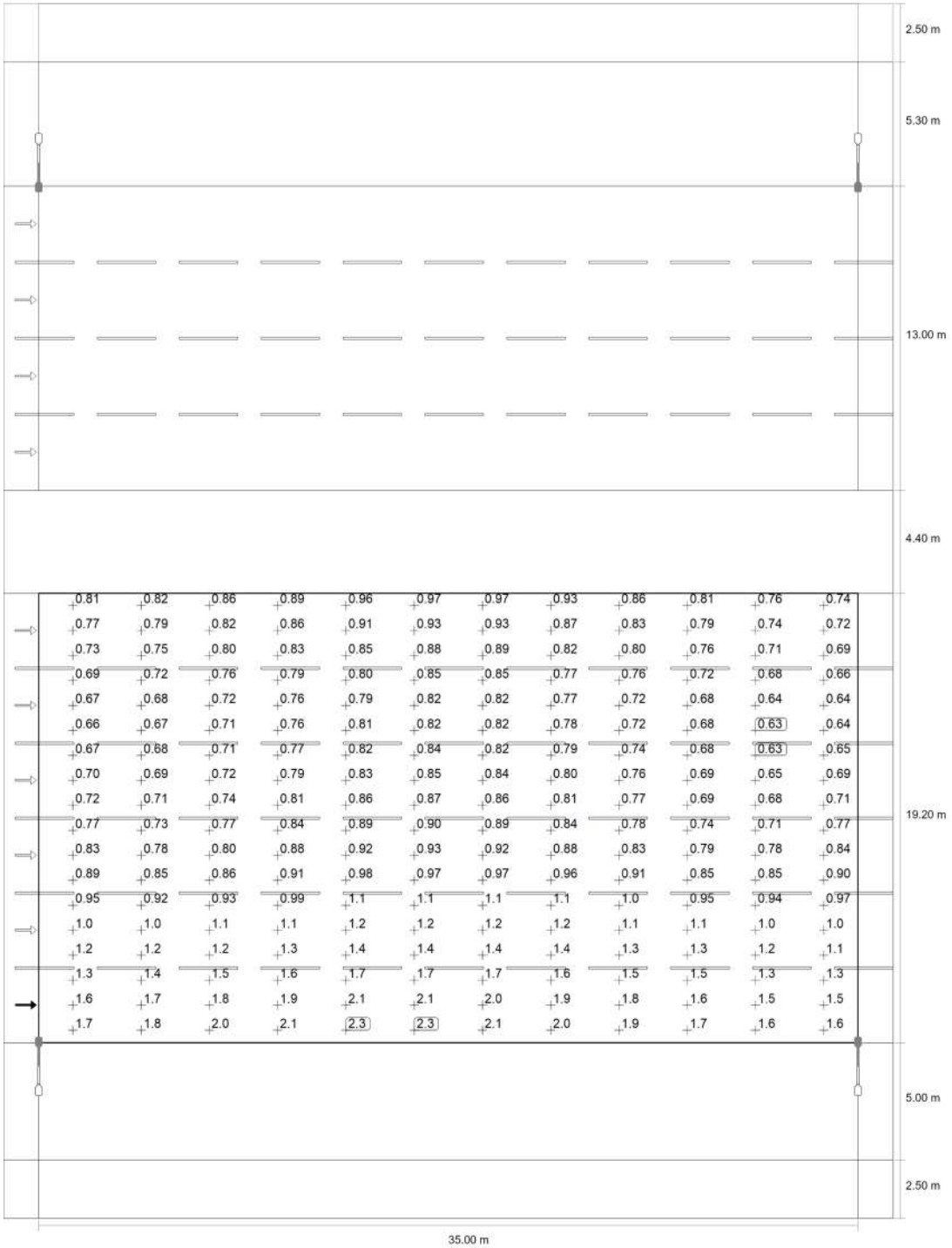
Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio (M3)



Observer 1: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio (M3)



Observer 1: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio (M3)

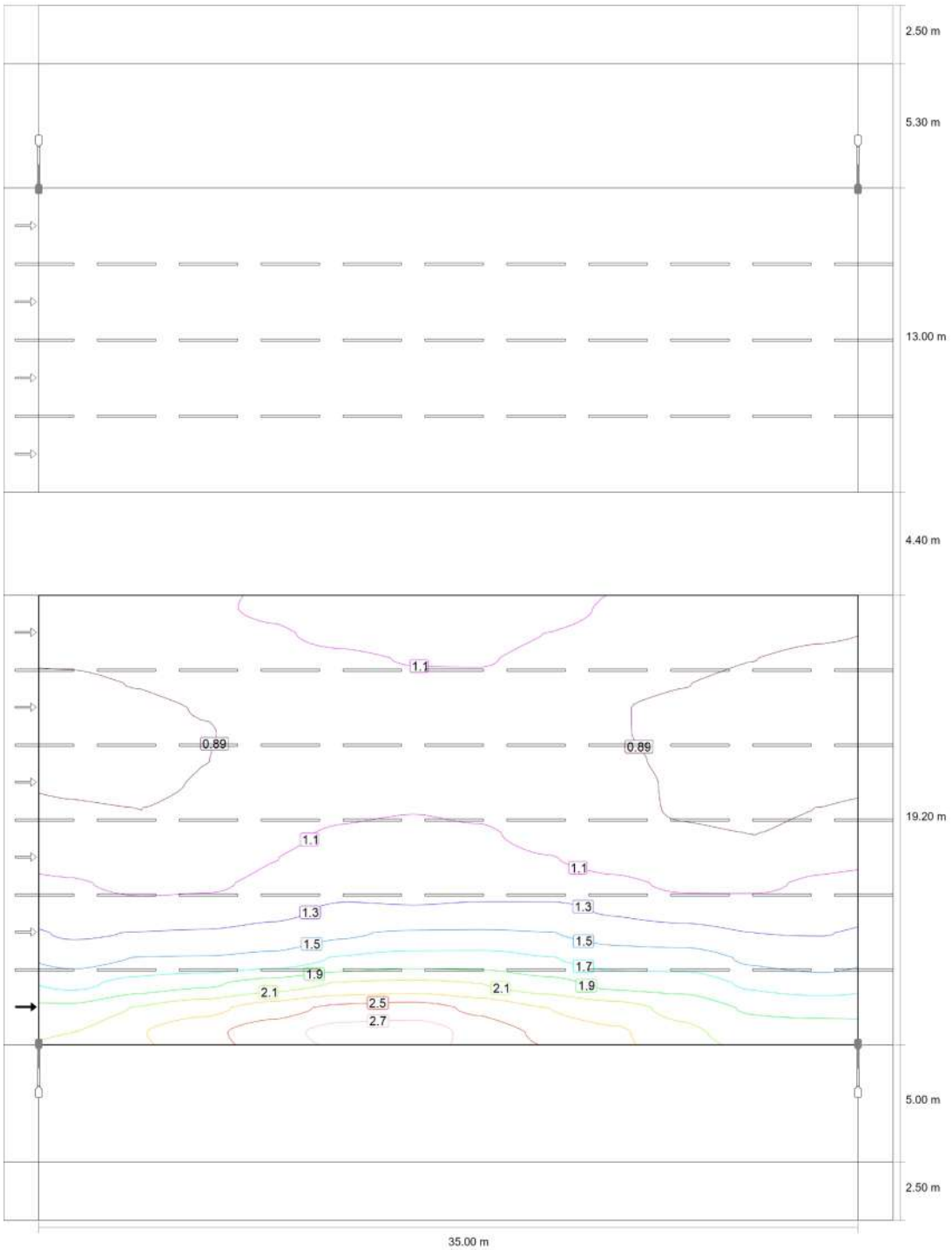
m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
26.167	0.81	0.82	0.86	0.89	0.96	0.97	0.97	0.93	0.86	0.81	0.76	0.74
25.100	0.77	0.79	0.82	0.86	0.91	0.93	0.93	0.87	0.83	0.79	0.74	0.72
24.033	0.73	0.75	0.80	0.83	0.85	0.88	0.89	0.82	0.80	0.76	0.71	0.69
22.967	0.69	0.72	0.76	0.79	0.80	0.85	0.85	0.77	0.76	0.72	0.68	0.66
21.900	0.67	0.68	0.72	0.76	0.79	0.82	0.82	0.77	0.72	0.68	0.64	0.64
20.833	0.66	0.67	0.71	0.76	0.81	0.82	0.82	0.78	0.72	0.68	0.63	0.64
19.767	0.67	0.68	0.71	0.77	0.82	0.84	0.82	0.79	0.74	0.68	0.63	0.65
18.700	0.70	0.69	0.72	0.79	0.83	0.85	0.84	0.80	0.76	0.69	0.65	0.69
17.633	0.72	0.71	0.74	0.81	0.86	0.87	0.86	0.81	0.77	0.69	0.68	0.71
16.567	0.77	0.73	0.77	0.84	0.89	0.90	0.89	0.84	0.78	0.74	0.71	0.77
15.500	0.83	0.78	0.80	0.88	0.92	0.93	0.92	0.88	0.83	0.79	0.78	0.84
14.433	0.89	0.85	0.86	0.91	0.98	0.97	0.97	0.96	0.91	0.85	0.85	0.90
13.367	0.95	0.92	0.93	0.99	1.06	1.05	1.07	1.07	1.01	0.95	0.94	0.97
12.300	1.02	1.04	1.06	1.11	1.18	1.22	1.23	1.21	1.15	1.11	1.04	1.04
11.233	1.15	1.21	1.22	1.26	1.39	1.44	1.44	1.38	1.30	1.29	1.18	1.14
10.167	1.32	1.44	1.50	1.61	1.71	1.73	1.69	1.60	1.48	1.46	1.34	1.27
9.100	1.57	1.71	1.81	1.95	2.07	2.10	1.99	1.86	1.76	1.65	1.51	1.49
8.033	1.70	1.85	1.98	2.12	2.26	2.27	2.14	1.99	1.89	1.74	1.63	1.61

Observer 1: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 1: Maintenance value, luminance with dry roadway	1.01 cd/m²	0.63 cd/m²	2.27 cd/m²	0.63	0.28

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

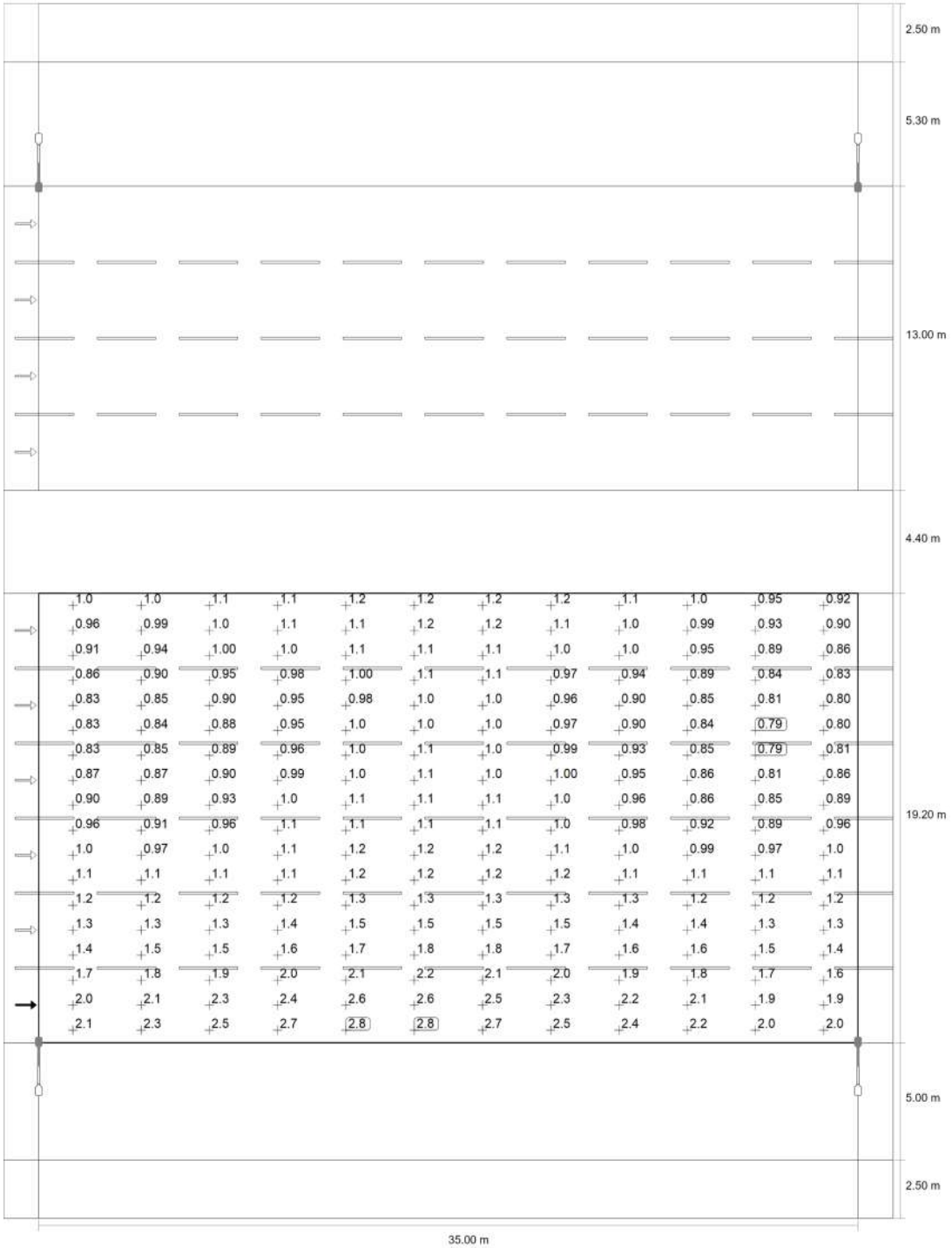
Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio (M3)



Observer 1: Luminance with new installation [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio (M3)



Observer 1: Luminance with new installation [cd/m²] (Value grid)

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio (M3)

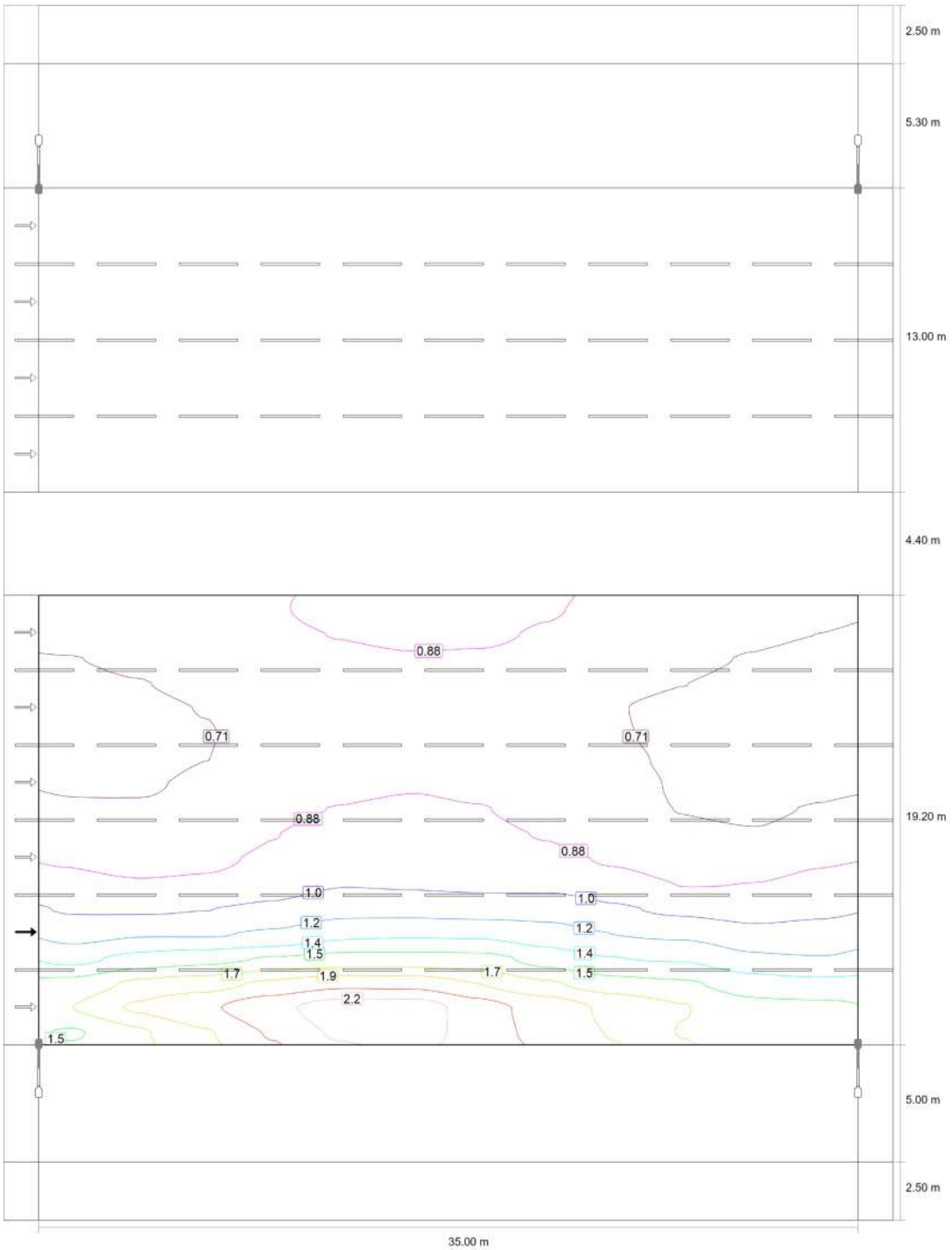
m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
26.167	1.01	1.03	1.07	1.12	1.20	1.21	1.21	1.16	1.07	1.01	0.95	0.92
25.100	0.96	0.99	1.03	1.08	1.14	1.17	1.16	1.09	1.04	0.99	0.93	0.90
24.033	0.91	0.94	1.00	1.04	1.06	1.10	1.11	1.03	1.00	0.95	0.89	0.86
22.967	0.86	0.90	0.95	0.98	1.00	1.06	1.06	0.97	0.94	0.89	0.84	0.83
21.900	0.83	0.85	0.90	0.95	0.98	1.03	1.02	0.96	0.90	0.85	0.81	0.80
20.833	0.83	0.84	0.88	0.95	1.01	1.02	1.02	0.97	0.90	0.84	0.79	0.80
19.767	0.83	0.85	0.89	0.96	1.03	1.05	1.03	0.99	0.93	0.85	0.79	0.81
18.700	0.87	0.87	0.90	0.99	1.04	1.07	1.05	1.00	0.95	0.86	0.81	0.86
17.633	0.90	0.89	0.93	1.02	1.07	1.09	1.08	1.02	0.96	0.86	0.85	0.89
16.567	0.96	0.91	0.96	1.05	1.11	1.12	1.11	1.05	0.98	0.92	0.89	0.96
15.500	1.04	0.97	1.01	1.09	1.16	1.16	1.15	1.10	1.04	0.99	0.97	1.05
14.433	1.11	1.06	1.07	1.14	1.22	1.21	1.21	1.19	1.13	1.06	1.06	1.13
13.367	1.19	1.15	1.17	1.24	1.33	1.31	1.34	1.34	1.27	1.19	1.17	1.21
12.300	1.28	1.31	1.32	1.38	1.48	1.53	1.53	1.51	1.43	1.39	1.30	1.30
11.233	1.44	1.51	1.52	1.58	1.73	1.80	1.80	1.72	1.62	1.61	1.47	1.43
10.167	1.65	1.80	1.88	2.01	2.13	2.17	2.12	1.99	1.85	1.83	1.67	1.59
9.100	1.96	2.13	2.26	2.43	2.58	2.62	2.48	2.32	2.20	2.06	1.89	1.86
8.033	2.12	2.31	2.48	2.65	2.82	2.84	2.67	2.49	2.36	2.17	2.04	2.02

Observer 1: Luminance with new installation [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 1: Luminance with new installation	1.26 cd/m²	0.79 cd/m²	2.84 cd/m²	0.63	0.28

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

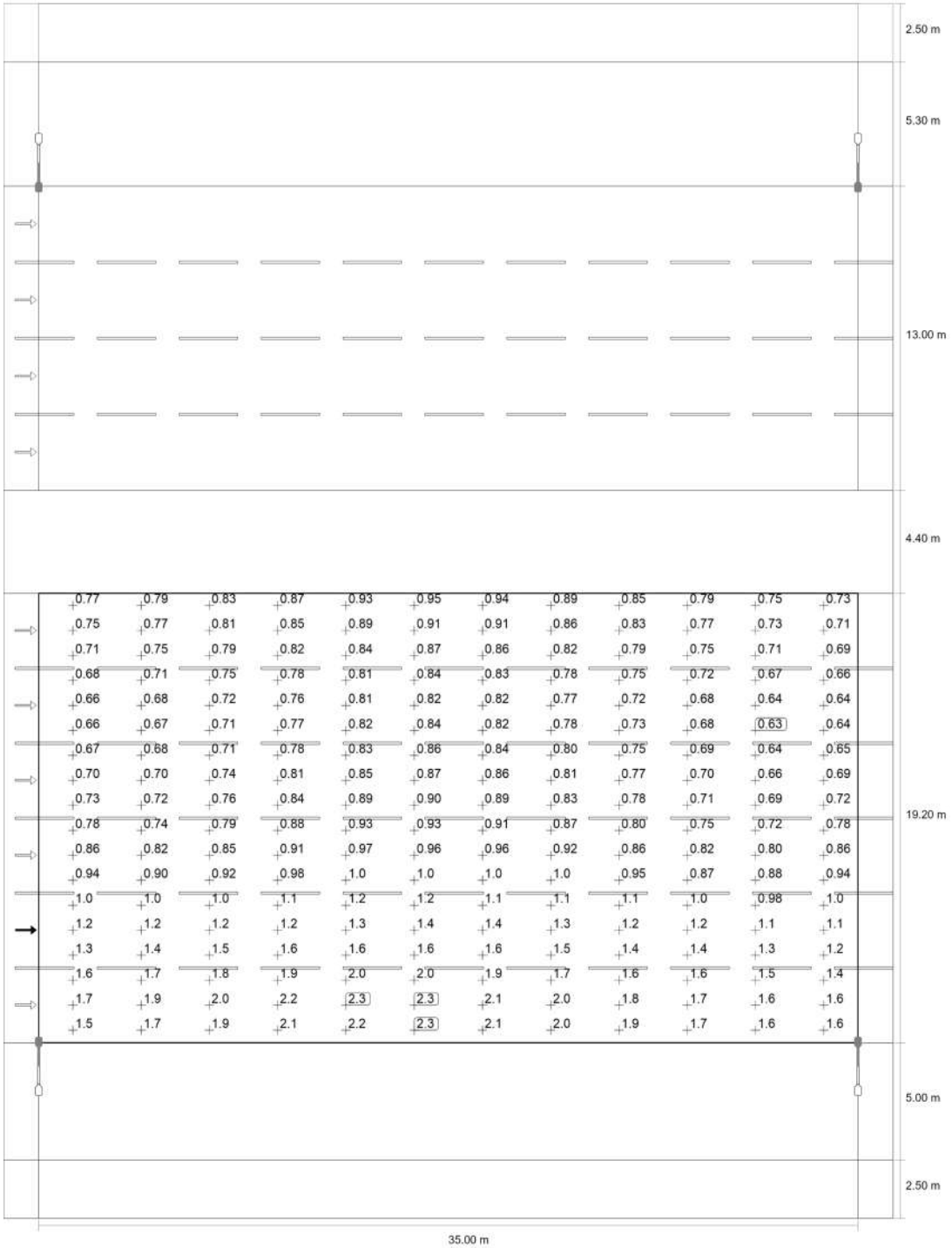
Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio (M3)



Observer 2: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio (M3)



Observer 2: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio (M3)

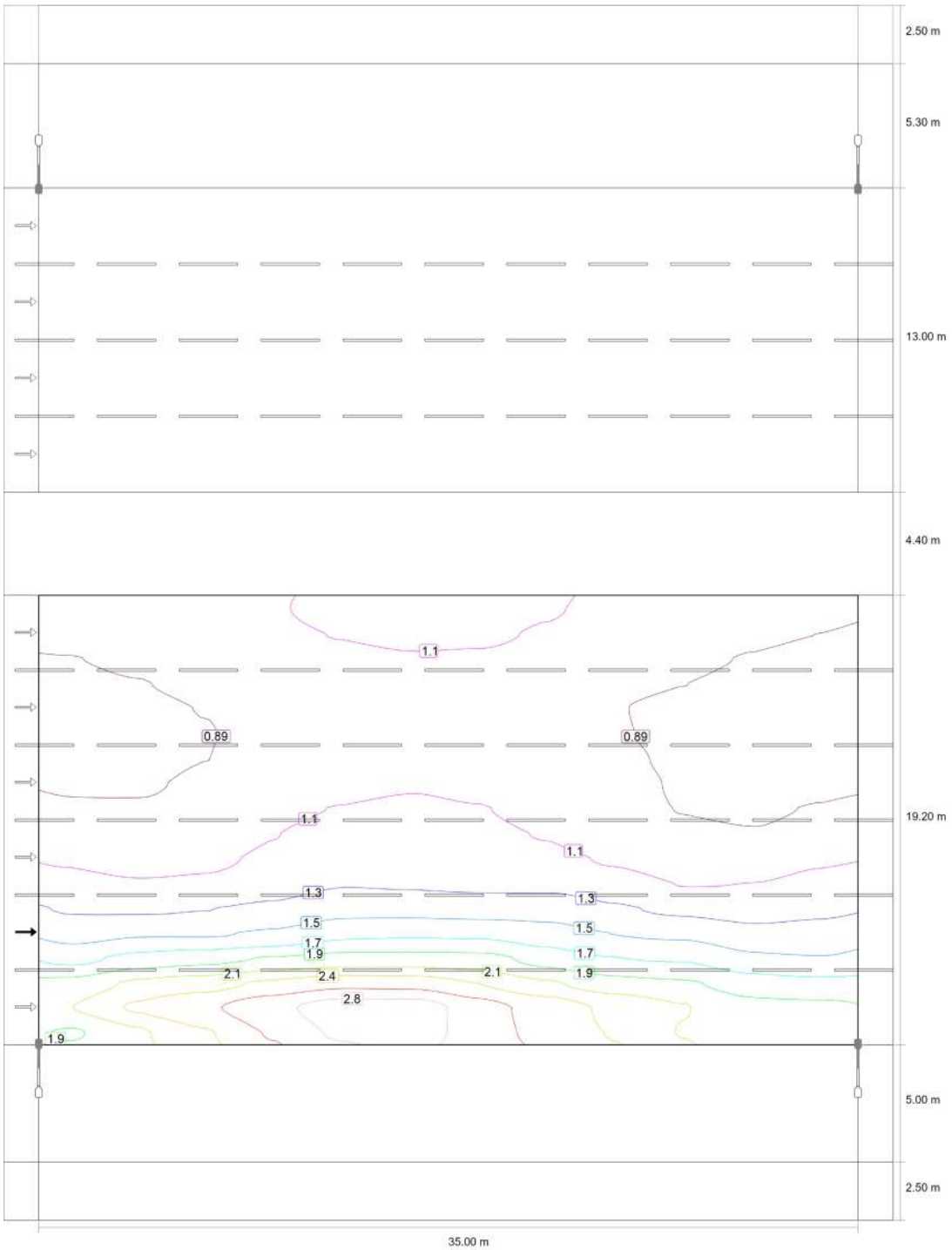
m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
26.167	0.77	0.79	0.83	0.87	0.93	0.95	0.94	0.89	0.85	0.79	0.75	0.73
25.100	0.75	0.77	0.81	0.85	0.89	0.91	0.91	0.86	0.83	0.77	0.73	0.71
24.033	0.71	0.75	0.79	0.82	0.84	0.87	0.86	0.82	0.79	0.75	0.71	0.69
22.967	0.68	0.71	0.75	0.78	0.81	0.84	0.83	0.78	0.75	0.72	0.67	0.66
21.900	0.66	0.68	0.72	0.76	0.81	0.82	0.82	0.77	0.72	0.68	0.64	0.64
20.833	0.66	0.67	0.71	0.77	0.82	0.84	0.82	0.78	0.73	0.68	0.63	0.64
19.767	0.67	0.68	0.71	0.78	0.83	0.86	0.84	0.80	0.75	0.69	0.64	0.65
18.700	0.70	0.70	0.74	0.81	0.85	0.87	0.86	0.81	0.77	0.70	0.66	0.69
17.633	0.73	0.72	0.76	0.84	0.89	0.90	0.89	0.83	0.78	0.71	0.69	0.72
16.567	0.78	0.74	0.79	0.88	0.93	0.93	0.91	0.87	0.80	0.75	0.72	0.78
15.500	0.86	0.82	0.85	0.91	0.97	0.96	0.96	0.92	0.86	0.82	0.80	0.86
14.433	0.94	0.90	0.92	0.98	1.04	1.03	1.02	1.01	0.95	0.87	0.88	0.94
13.367	1.03	1.02	1.04	1.08	1.16	1.16	1.14	1.15	1.07	1.01	0.98	1.01
12.300	1.16	1.20	1.19	1.25	1.35	1.36	1.35	1.29	1.21	1.19	1.10	1.12
11.233	1.33	1.44	1.49	1.56	1.61	1.62	1.60	1.48	1.38	1.37	1.25	1.22
10.167	1.60	1.75	1.81	1.92	2.00	1.99	1.87	1.74	1.62	1.57	1.46	1.43
9.100	1.71	1.91	2.02	2.17	2.30	2.29	2.12	1.98	1.84	1.72	1.59	1.58
8.033	1.53	1.69	1.86	2.07	2.24	2.27	2.14	1.99	1.87	1.70	1.58	1.56

Observer 2: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 2: Maintenance value, luminance with dry roadway	1.05 cd/m²	0.63 cd/m²	2.30 cd/m²	0.60	0.27

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

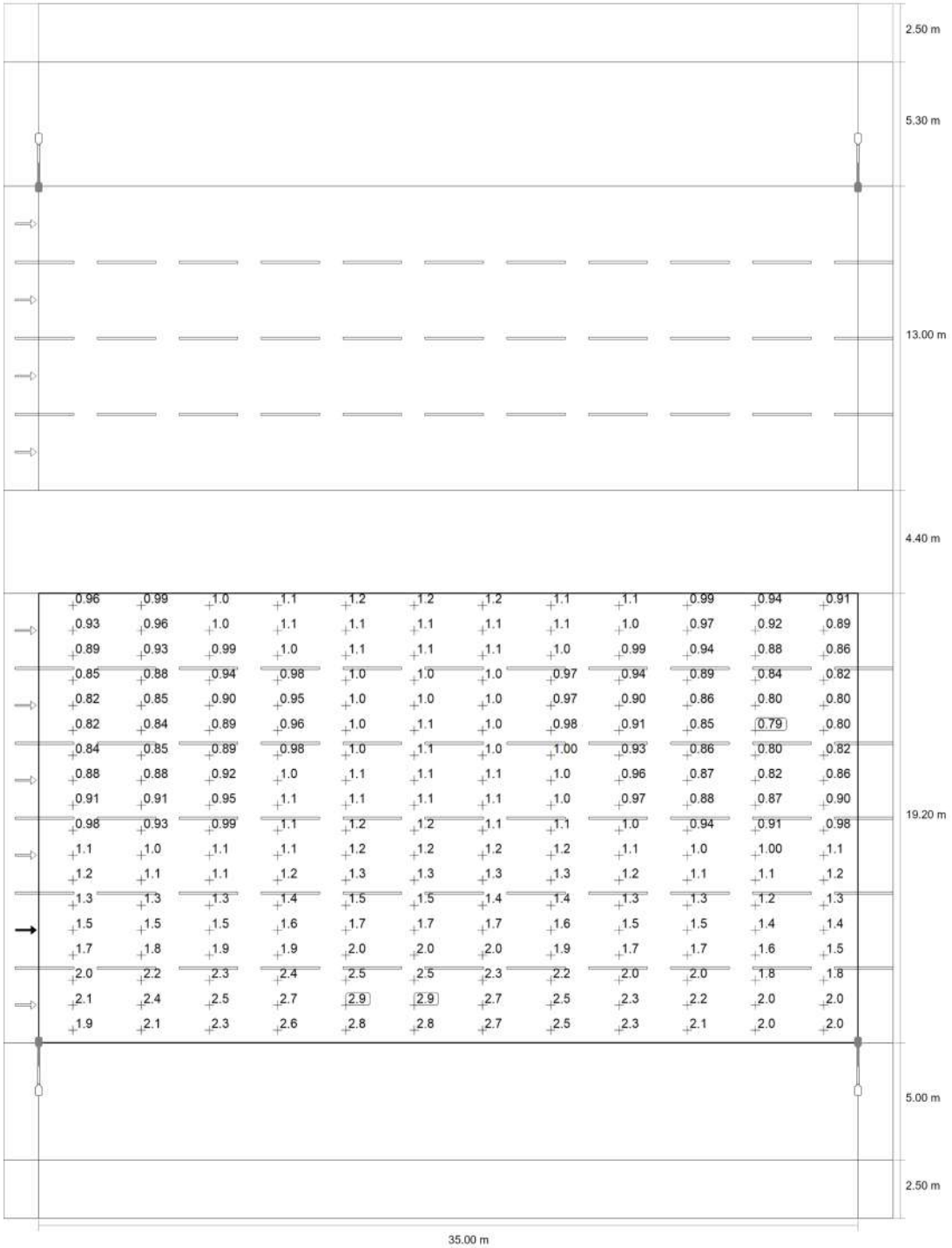
Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio (M3)



Observer 2: Luminance with new installation [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio (M3)



Observer 2: Luminance with new installation [cd/m²] (Value grid)

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio (M3)

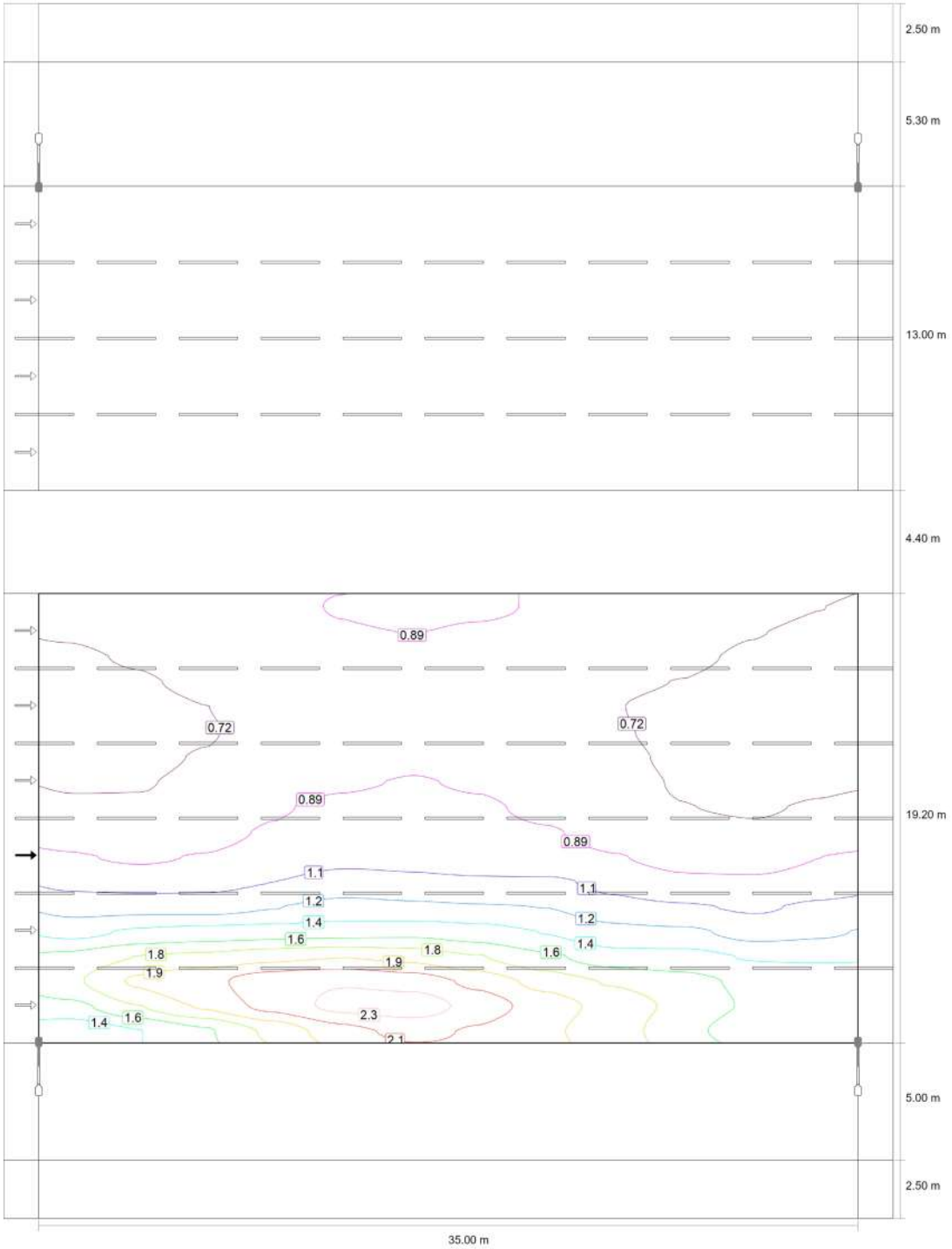
m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
26.167	0.96	0.99	1.04	1.09	1.16	1.18	1.17	1.12	1.06	0.99	0.94	0.91
25.100	0.93	0.96	1.02	1.06	1.11	1.14	1.13	1.08	1.03	0.97	0.92	0.89
24.033	0.89	0.93	0.99	1.02	1.05	1.09	1.08	1.03	0.99	0.94	0.88	0.86
22.967	0.85	0.88	0.94	0.98	1.01	1.05	1.04	0.97	0.94	0.89	0.84	0.82
21.900	0.82	0.85	0.90	0.95	1.01	1.03	1.03	0.97	0.90	0.86	0.80	0.80
20.833	0.82	0.84	0.89	0.96	1.03	1.05	1.03	0.98	0.91	0.85	0.79	0.80
19.767	0.84	0.85	0.89	0.98	1.04	1.08	1.05	1.00	0.93	0.86	0.80	0.82
18.700	0.88	0.88	0.92	1.01	1.07	1.09	1.07	1.01	0.96	0.87	0.82	0.86
17.633	0.91	0.91	0.95	1.06	1.11	1.12	1.11	1.04	0.97	0.88	0.87	0.90
16.567	0.98	0.93	0.99	1.10	1.16	1.16	1.14	1.09	1.00	0.94	0.91	0.98
15.500	1.07	1.02	1.06	1.14	1.21	1.21	1.19	1.15	1.08	1.02	1.00	1.07
14.433	1.17	1.12	1.14	1.23	1.30	1.29	1.27	1.26	1.19	1.09	1.10	1.17
13.367	1.29	1.28	1.30	1.36	1.45	1.45	1.43	1.43	1.34	1.26	1.23	1.26
12.300	1.46	1.50	1.49	1.56	1.68	1.70	1.69	1.61	1.51	1.48	1.38	1.40
11.233	1.66	1.80	1.87	1.95	2.02	2.02	2.00	1.85	1.73	1.71	1.57	1.53
10.167	2.00	2.18	2.26	2.40	2.50	2.49	2.34	2.17	2.02	1.96	1.83	1.78
9.100	2.14	2.38	2.52	2.71	2.87	2.87	2.65	2.48	2.31	2.15	1.99	1.98
8.033	1.92	2.11	2.33	2.58	2.81	2.84	2.68	2.48	2.34	2.13	1.98	1.95

Observer 2: Luminance with new installation [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 2: Luminance with new installation	1.31 cd/m²	0.79 cd/m²	2.87 cd/m²	0.60	0.27

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

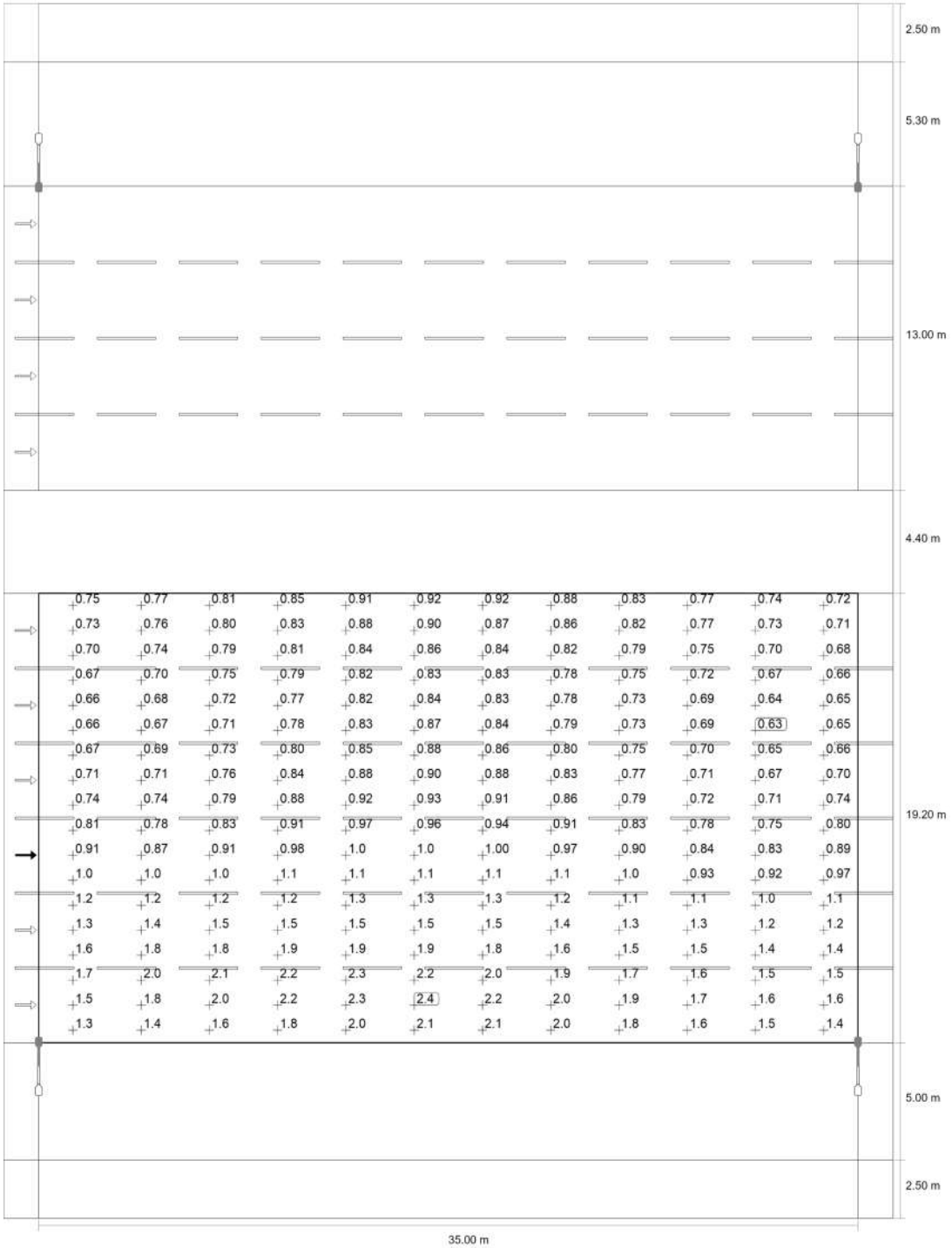
Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio (M3)



Observer 3: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio (M3)



Observer 3: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio (M3)

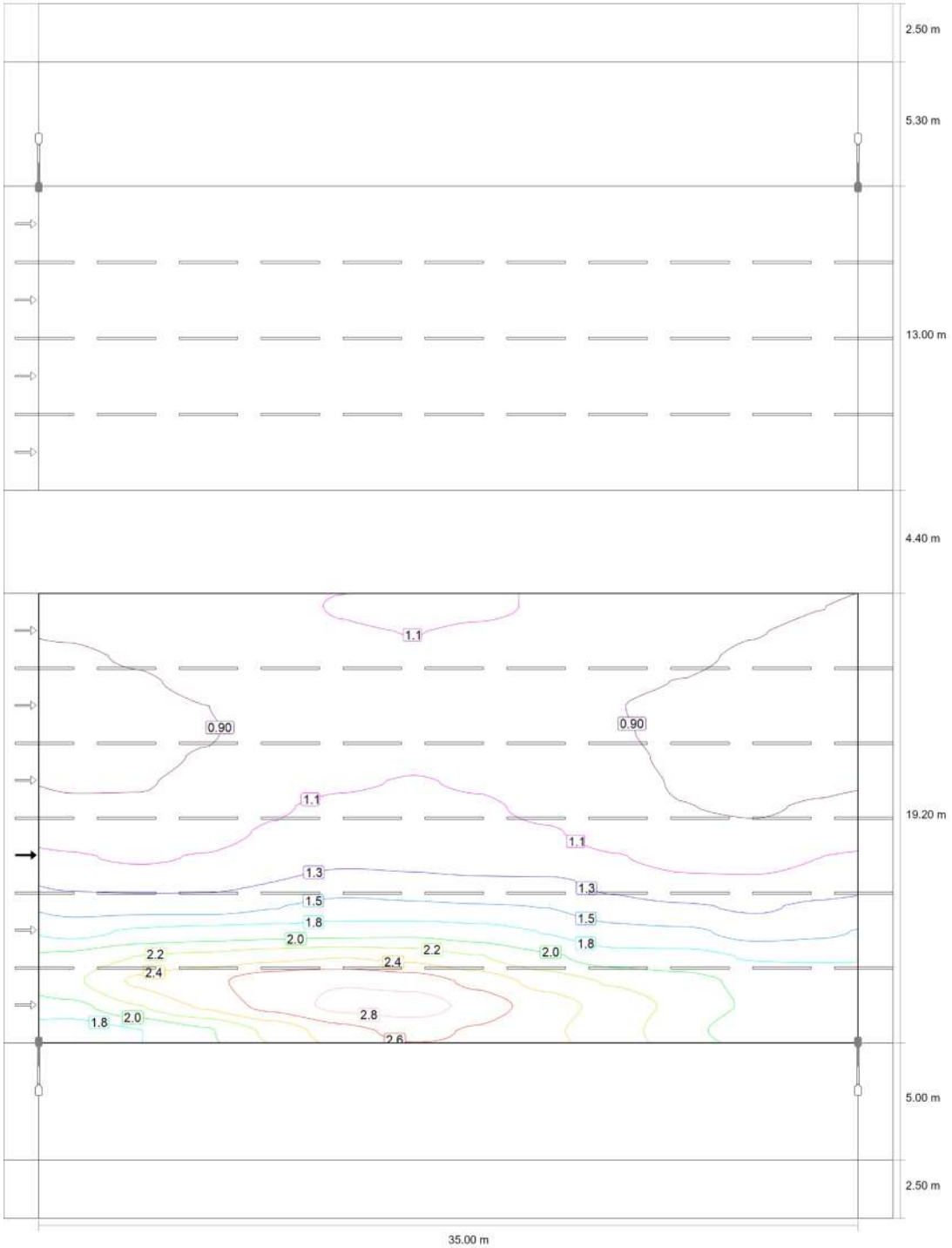
m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
26.167	0.75	0.77	0.81	0.85	0.91	0.92	0.92	0.88	0.83	0.77	0.74	0.72
25.100	0.73	0.76	0.80	0.83	0.88	0.90	0.87	0.86	0.82	0.77	0.73	0.71
24.033	0.70	0.74	0.79	0.81	0.84	0.86	0.84	0.82	0.79	0.75	0.70	0.68
22.967	0.67	0.70	0.75	0.79	0.82	0.83	0.83	0.78	0.75	0.72	0.67	0.66
21.900	0.66	0.68	0.72	0.77	0.82	0.84	0.83	0.78	0.73	0.69	0.64	0.65
20.833	0.66	0.67	0.71	0.78	0.83	0.87	0.84	0.79	0.73	0.69	0.63	0.65
19.767	0.67	0.69	0.73	0.80	0.85	0.88	0.86	0.80	0.75	0.70	0.65	0.66
18.700	0.71	0.71	0.76	0.84	0.88	0.90	0.88	0.83	0.77	0.71	0.67	0.70
17.633	0.74	0.74	0.79	0.88	0.92	0.93	0.91	0.86	0.79	0.72	0.71	0.74
16.567	0.81	0.78	0.83	0.91	0.97	0.96	0.94	0.91	0.83	0.78	0.75	0.80
15.500	0.91	0.87	0.91	0.98	1.02	1.02	1.00	0.97	0.90	0.84	0.83	0.89
14.433	1.02	1.00	1.02	1.06	1.14	1.11	1.09	1.09	1.01	0.93	0.92	0.97
13.367	1.19	1.18	1.17	1.23	1.31	1.28	1.25	1.23	1.13	1.08	1.05	1.10
12.300	1.35	1.44	1.48	1.51	1.52	1.54	1.49	1.40	1.30	1.27	1.17	1.21
11.233	1.62	1.76	1.80	1.87	1.92	1.87	1.76	1.62	1.48	1.47	1.39	1.38
10.167	1.72	1.96	2.06	2.20	2.26	2.21	2.05	1.86	1.73	1.64	1.55	1.54
9.100	1.53	1.75	1.96	2.16	2.32	2.36	2.20	2.01	1.87	1.70	1.56	1.55
8.033	1.31	1.41	1.56	1.80	2.03	2.15	2.08	1.96	1.84	1.64	1.49	1.44

Observer 3: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 3: Maintenance value, luminance with dry roadway	1.09 cd/m²	0.63 cd/m²	2.36 cd/m²	0.58	0.27

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

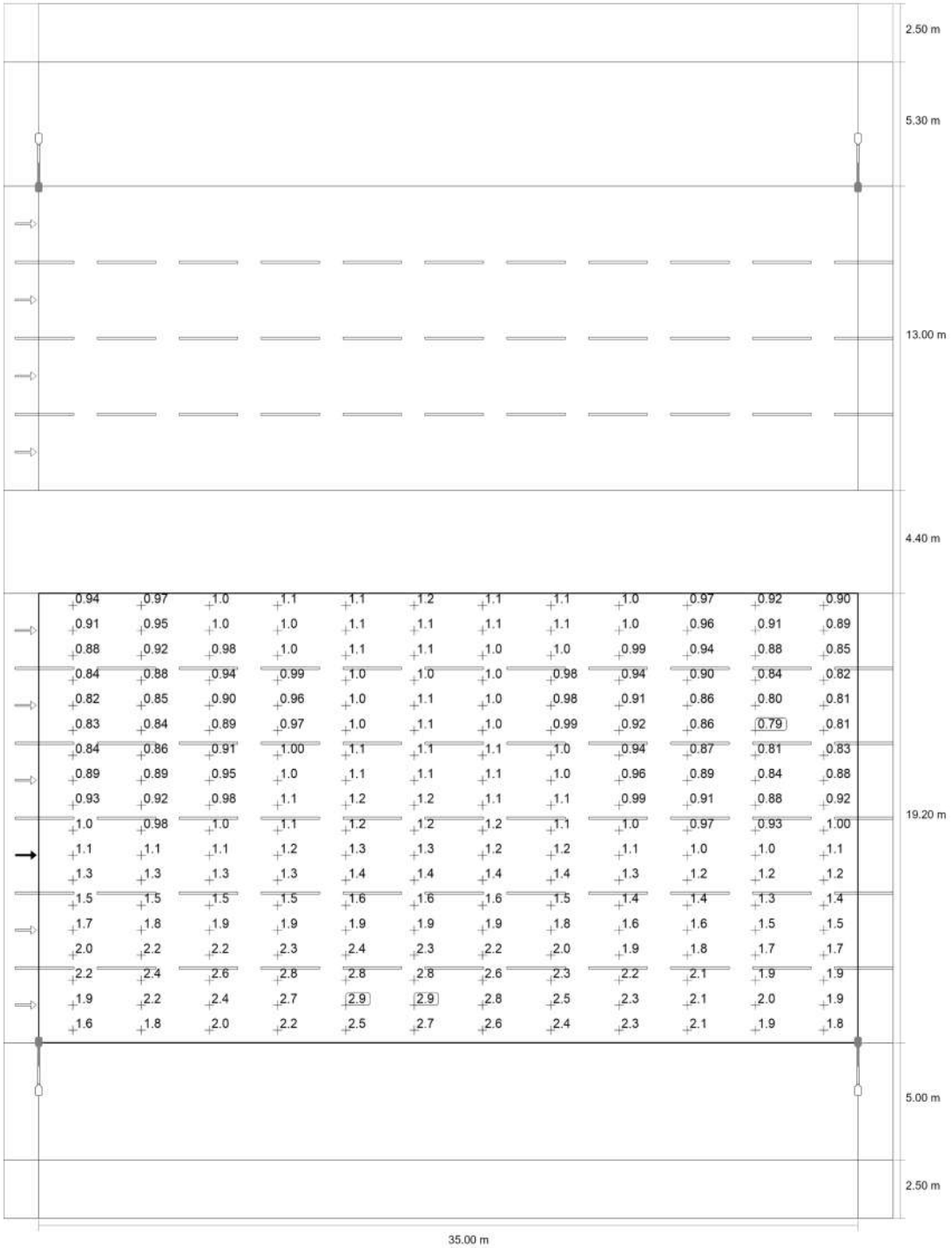
Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio (M3)



Observer 3: Luminance with new installation [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio (M3)



Observer 3: Luminance with new installation [cd/m²] (Value grid)

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio (M3)

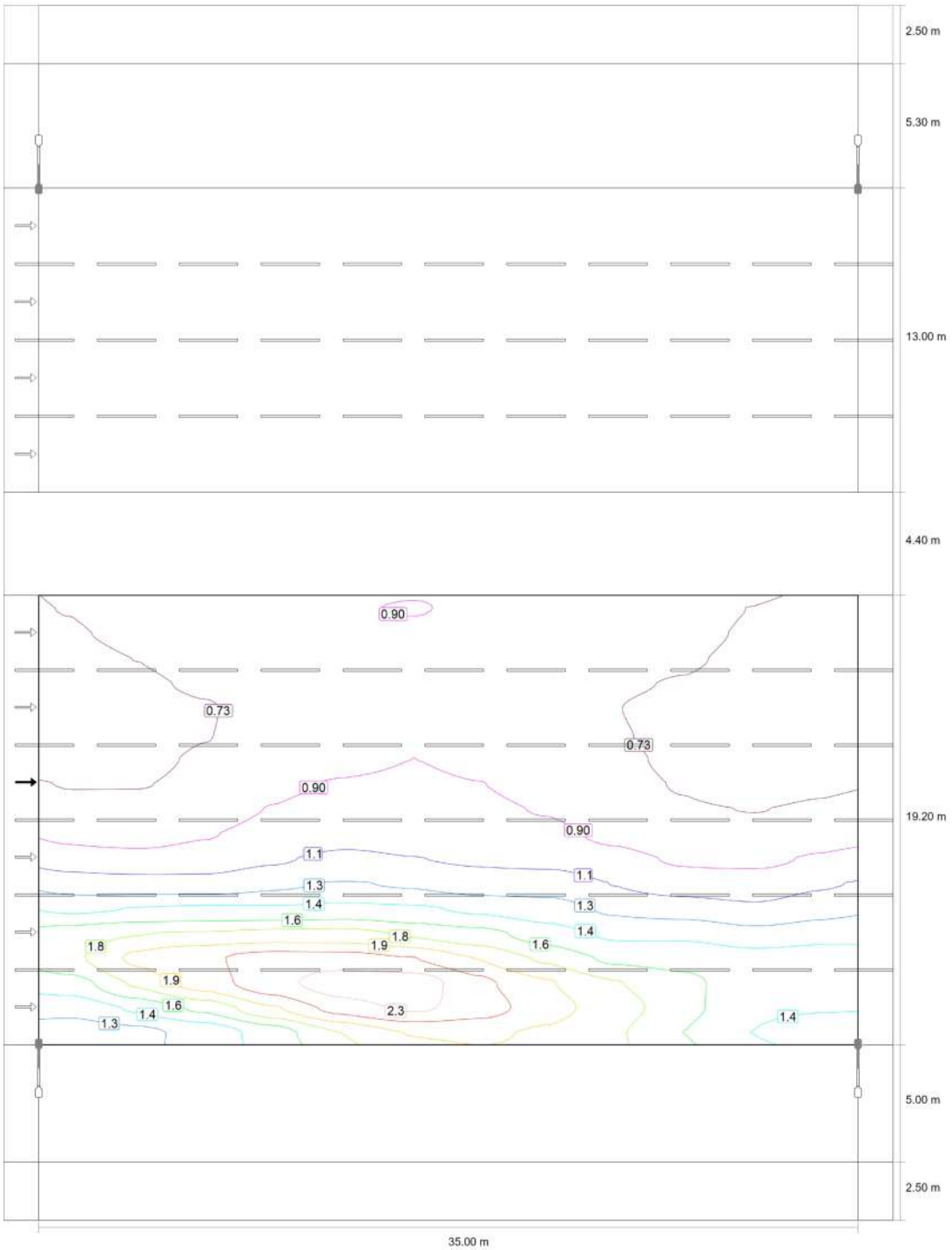
m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
26.167	0.94	0.97	1.02	1.06	1.13	1.15	1.14	1.10	1.04	0.97	0.92	0.90
25.100	0.91	0.95	1.00	1.04	1.10	1.12	1.09	1.07	1.02	0.96	0.91	0.89
24.033	0.88	0.92	0.98	1.01	1.06	1.07	1.05	1.03	0.99	0.94	0.88	0.85
22.967	0.84	0.88	0.94	0.99	1.03	1.04	1.04	0.98	0.94	0.90	0.84	0.82
21.900	0.82	0.85	0.90	0.96	1.03	1.06	1.03	0.98	0.91	0.86	0.80	0.81
20.833	0.83	0.84	0.89	0.97	1.04	1.08	1.05	0.99	0.92	0.86	0.79	0.81
19.767	0.84	0.86	0.91	1.00	1.06	1.10	1.07	1.01	0.94	0.87	0.81	0.83
18.700	0.89	0.89	0.95	1.05	1.10	1.12	1.10	1.03	0.96	0.89	0.84	0.88
17.633	0.93	0.92	0.98	1.10	1.15	1.16	1.14	1.07	0.99	0.91	0.88	0.92
16.567	1.01	0.98	1.04	1.14	1.21	1.21	1.18	1.13	1.04	0.97	0.93	1.00
15.500	1.14	1.09	1.13	1.22	1.28	1.28	1.25	1.21	1.13	1.05	1.03	1.12
14.433	1.27	1.25	1.27	1.33	1.42	1.38	1.36	1.36	1.26	1.16	1.16	1.22
13.367	1.49	1.48	1.46	1.54	1.63	1.60	1.56	1.54	1.42	1.36	1.31	1.37
12.300	1.69	1.80	1.85	1.88	1.90	1.92	1.87	1.75	1.62	1.59	1.46	1.51
11.233	2.03	2.20	2.25	2.34	2.40	2.34	2.20	2.02	1.85	1.84	1.74	1.72
10.167	2.15	2.44	2.57	2.75	2.83	2.76	2.56	2.33	2.17	2.05	1.94	1.92
9.100	1.91	2.19	2.45	2.70	2.90	2.95	2.75	2.52	2.33	2.13	1.95	1.94
8.033	1.64	1.76	1.96	2.25	2.54	2.68	2.60	2.45	2.30	2.05	1.87	1.80

Observer 3: Luminance with new installation [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 3: Luminance with new installation	1.36 cd/m²	0.79 cd/m²	2.95 cd/m²	0.58	0.27

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

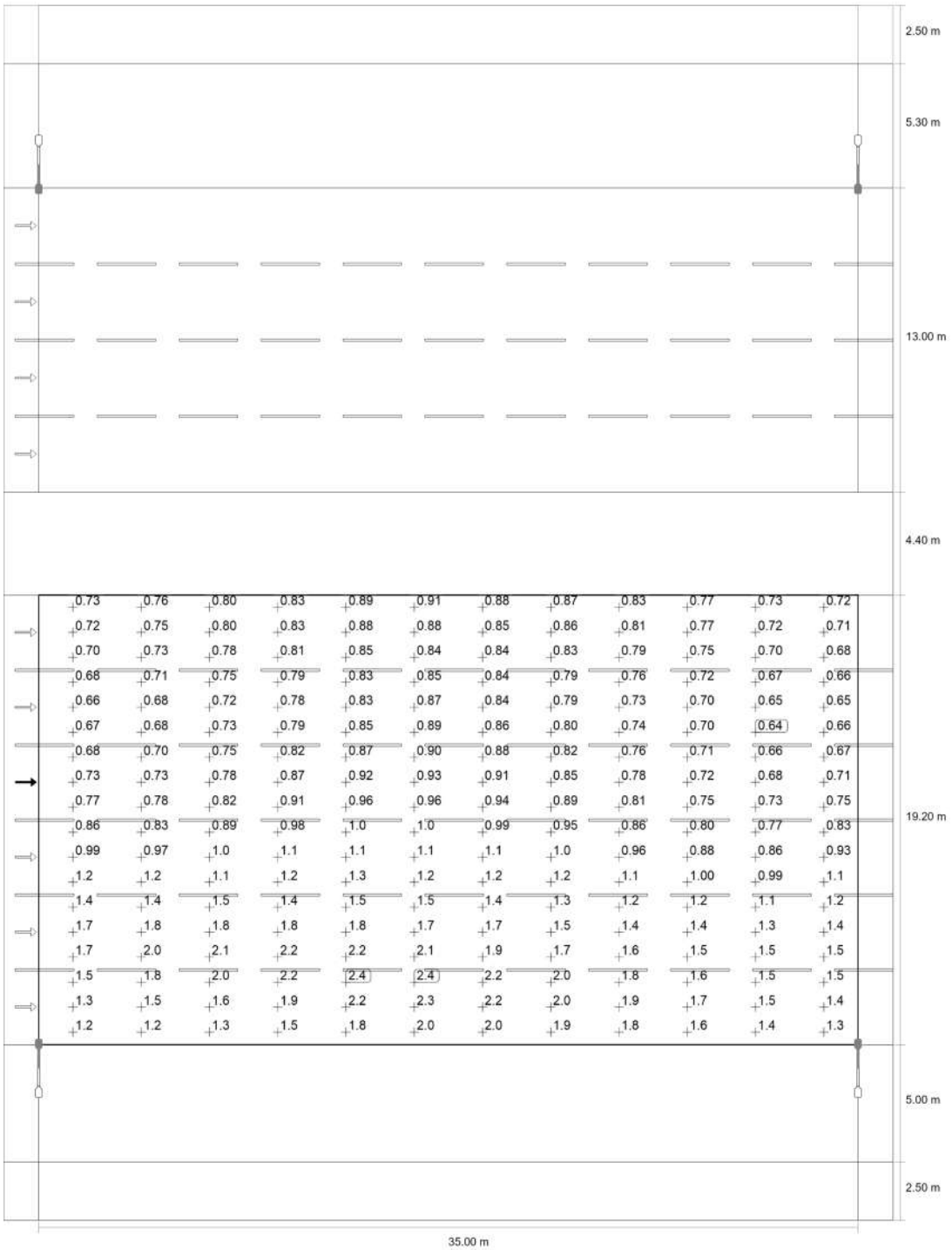
Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio (M3)



Observer 4: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio (M3)



Observer 4: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio (M3)

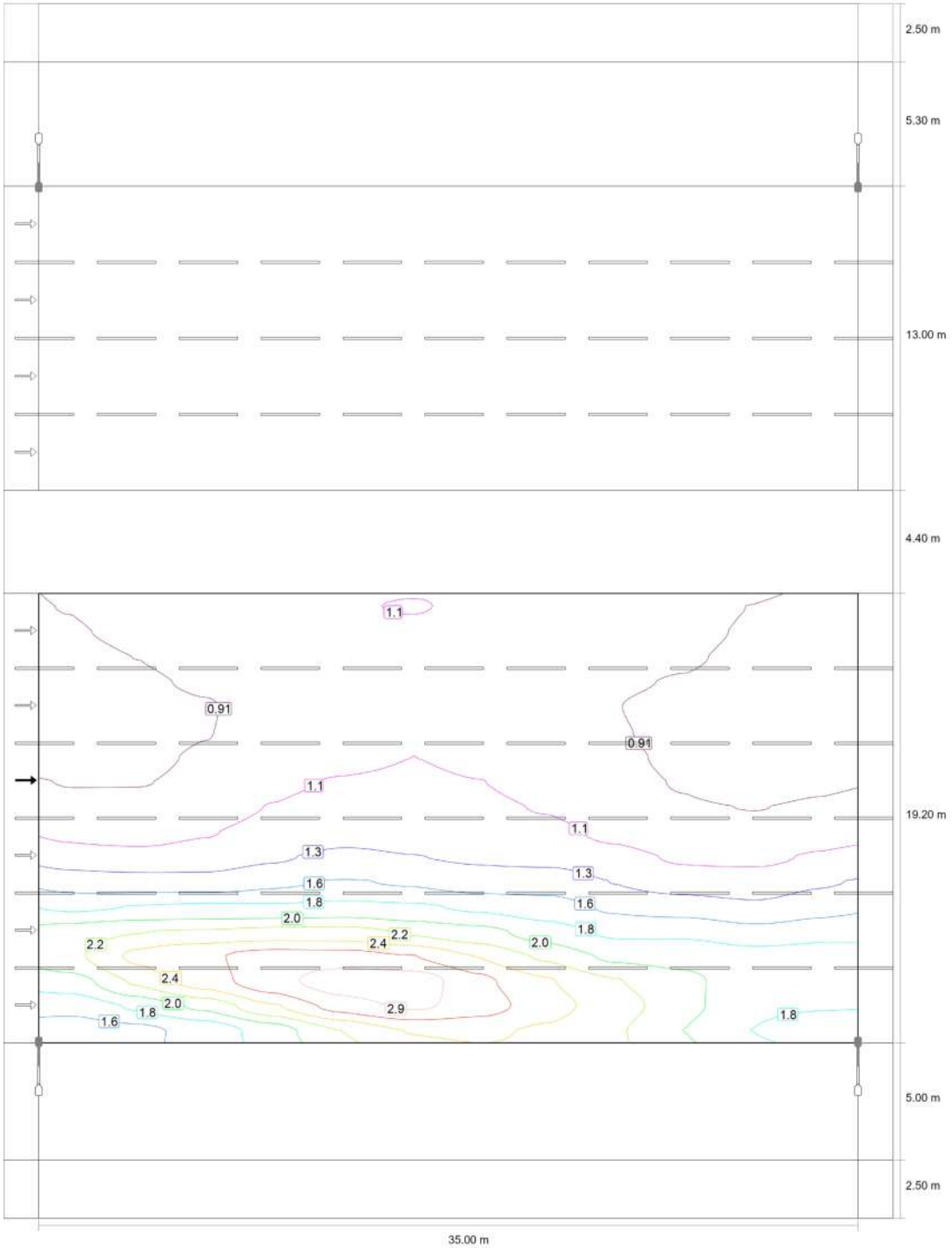
m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
26.167	0.73	0.76	0.80	0.83	0.89	0.91	0.88	0.87	0.83	0.77	0.73	0.72
25.100	0.72	0.75	0.80	0.83	0.88	0.88	0.85	0.86	0.81	0.77	0.72	0.71
24.033	0.70	0.73	0.78	0.81	0.85	0.84	0.84	0.83	0.79	0.75	0.70	0.68
22.967	0.68	0.71	0.75	0.79	0.83	0.85	0.84	0.79	0.76	0.72	0.67	0.66
21.900	0.66	0.68	0.72	0.78	0.83	0.87	0.84	0.79	0.73	0.70	0.65	0.65
20.833	0.67	0.68	0.73	0.79	0.85	0.89	0.86	0.80	0.74	0.70	0.64	0.66
19.767	0.68	0.70	0.75	0.82	0.87	0.90	0.88	0.82	0.76	0.71	0.66	0.67
18.700	0.73	0.73	0.78	0.87	0.92	0.93	0.91	0.85	0.78	0.72	0.68	0.71
17.633	0.77	0.78	0.82	0.91	0.96	0.96	0.94	0.89	0.81	0.75	0.73	0.75
16.567	0.86	0.83	0.89	0.98	1.02	1.01	0.99	0.95	0.86	0.80	0.77	0.83
15.500	0.99	0.97	1.00	1.06	1.12	1.08	1.06	1.03	0.96	0.88	0.86	0.93
14.433	1.18	1.16	1.15	1.21	1.26	1.23	1.16	1.17	1.07	1.00	0.99	1.06
13.367	1.38	1.43	1.45	1.45	1.48	1.45	1.39	1.33	1.22	1.17	1.11	1.19
12.300	1.67	1.76	1.78	1.82	1.83	1.74	1.66	1.51	1.39	1.39	1.31	1.36
11.233	1.73	1.98	2.09	2.18	2.19	2.12	1.93	1.74	1.56	1.55	1.49	1.51
10.167	1.52	1.80	2.03	2.23	2.38	2.37	2.17	1.96	1.78	1.63	1.53	1.54
9.100	1.31	1.46	1.64	1.93	2.19	2.32	2.21	2.02	1.86	1.66	1.48	1.44
8.033	1.17	1.21	1.32	1.51	1.78	1.95	1.97	1.92	1.79	1.59	1.42	1.33

Observer 4: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 4: Maintenance value, luminance with dry roadway	1.12 cd/m²	0.64 cd/m²	2.38 cd/m²	0.58	0.27

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

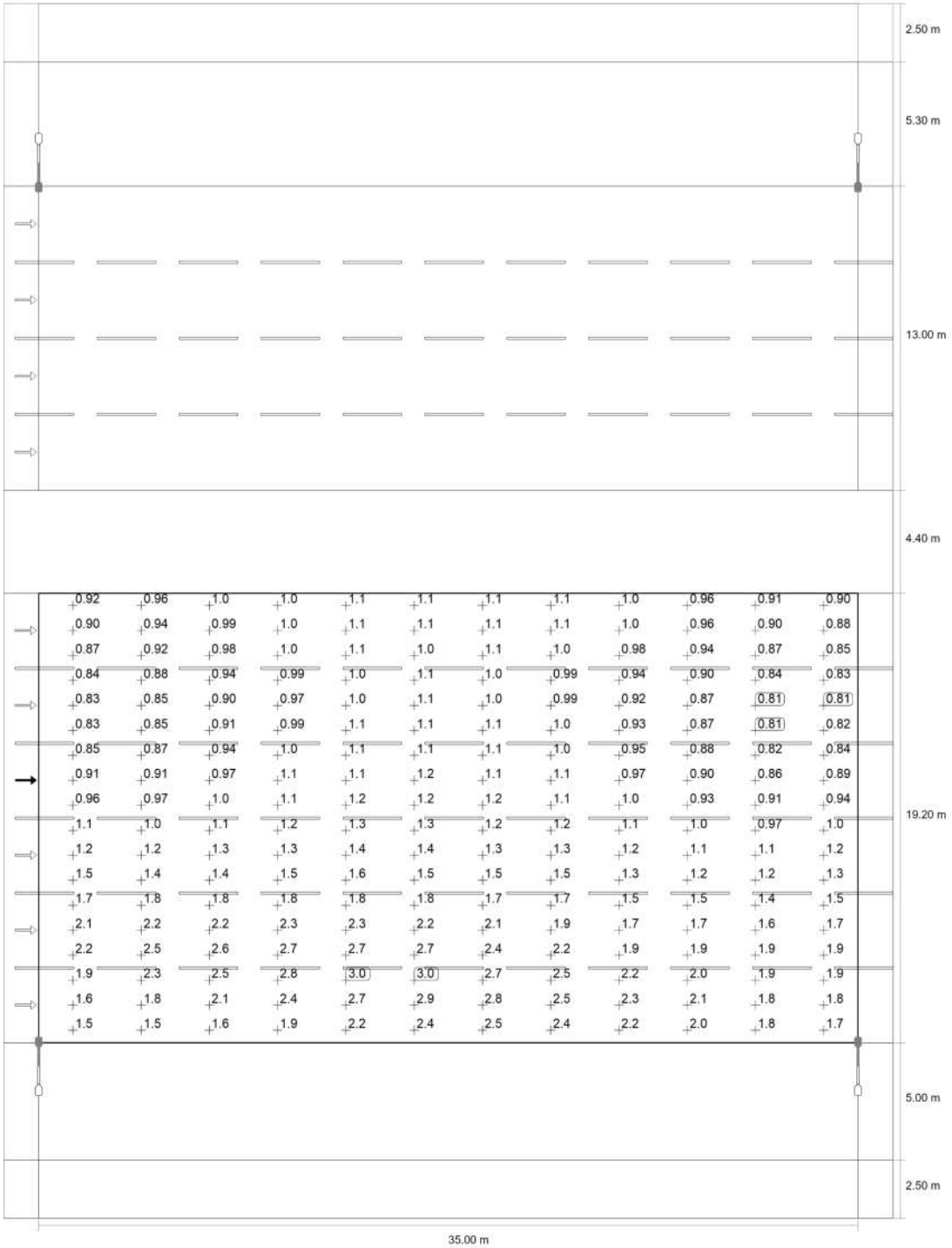
Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio (M3)



Observer 4: Luminance with new installation [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio (M3)



Observer 4: Luminance with new installation [cd/m²] (Value grid)

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio (M3)

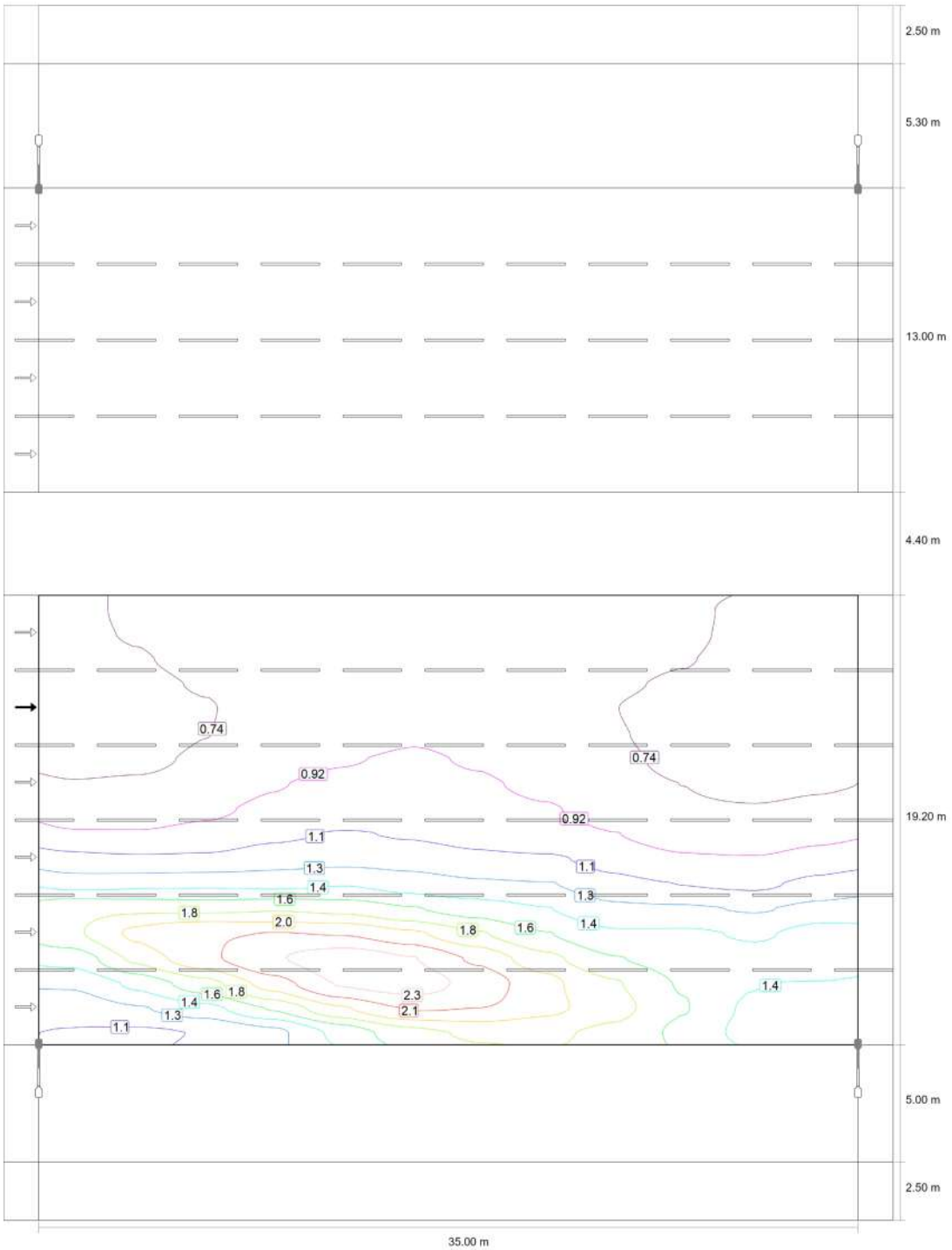
m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
26.167	0.92	0.96	1.00	1.04	1.12	1.14	1.10	1.09	1.03	0.96	0.91	0.90
25.100	0.90	0.94	0.99	1.03	1.09	1.10	1.06	1.07	1.01	0.96	0.90	0.88
24.033	0.87	0.92	0.98	1.02	1.07	1.05	1.05	1.03	0.98	0.94	0.87	0.85
22.967	0.84	0.88	0.94	0.99	1.04	1.06	1.05	0.99	0.94	0.90	0.84	0.83
21.900	0.83	0.85	0.90	0.97	1.04	1.09	1.05	0.99	0.92	0.87	0.81	0.81
20.833	0.83	0.85	0.91	0.99	1.06	1.11	1.07	1.00	0.93	0.87	0.81	0.82
19.767	0.85	0.87	0.94	1.03	1.09	1.13	1.10	1.03	0.95	0.88	0.82	0.84
18.700	0.91	0.91	0.97	1.09	1.14	1.16	1.13	1.07	0.97	0.90	0.86	0.89
17.633	0.96	0.97	1.02	1.14	1.21	1.21	1.17	1.12	1.01	0.93	0.91	0.94
16.567	1.08	1.04	1.11	1.22	1.28	1.27	1.23	1.19	1.08	1.00	0.97	1.04
15.500	1.23	1.21	1.26	1.32	1.40	1.35	1.32	1.29	1.20	1.10	1.08	1.16
14.433	1.48	1.45	1.43	1.52	1.58	1.54	1.45	1.46	1.34	1.25	1.24	1.32
13.367	1.73	1.79	1.82	1.81	1.85	1.81	1.74	1.67	1.52	1.47	1.39	1.49
12.300	2.08	2.20	2.23	2.28	2.29	2.17	2.07	1.89	1.74	1.73	1.64	1.70
11.233	2.16	2.48	2.61	2.73	2.74	2.65	2.42	2.17	1.95	1.94	1.86	1.88
10.167	1.90	2.26	2.53	2.79	2.97	2.97	2.71	2.45	2.23	2.04	1.91	1.92
9.100	1.63	1.82	2.05	2.41	2.74	2.90	2.76	2.52	2.33	2.07	1.84	1.80
8.033	1.46	1.51	1.65	1.89	2.22	2.44	2.46	2.39	2.24	1.99	1.78	1.67

Observer 4: Luminance with new installation [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 4: Luminance with new installation	1.40 cd/m²	0.81 cd/m²	2.97 cd/m²	0.58	0.27

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

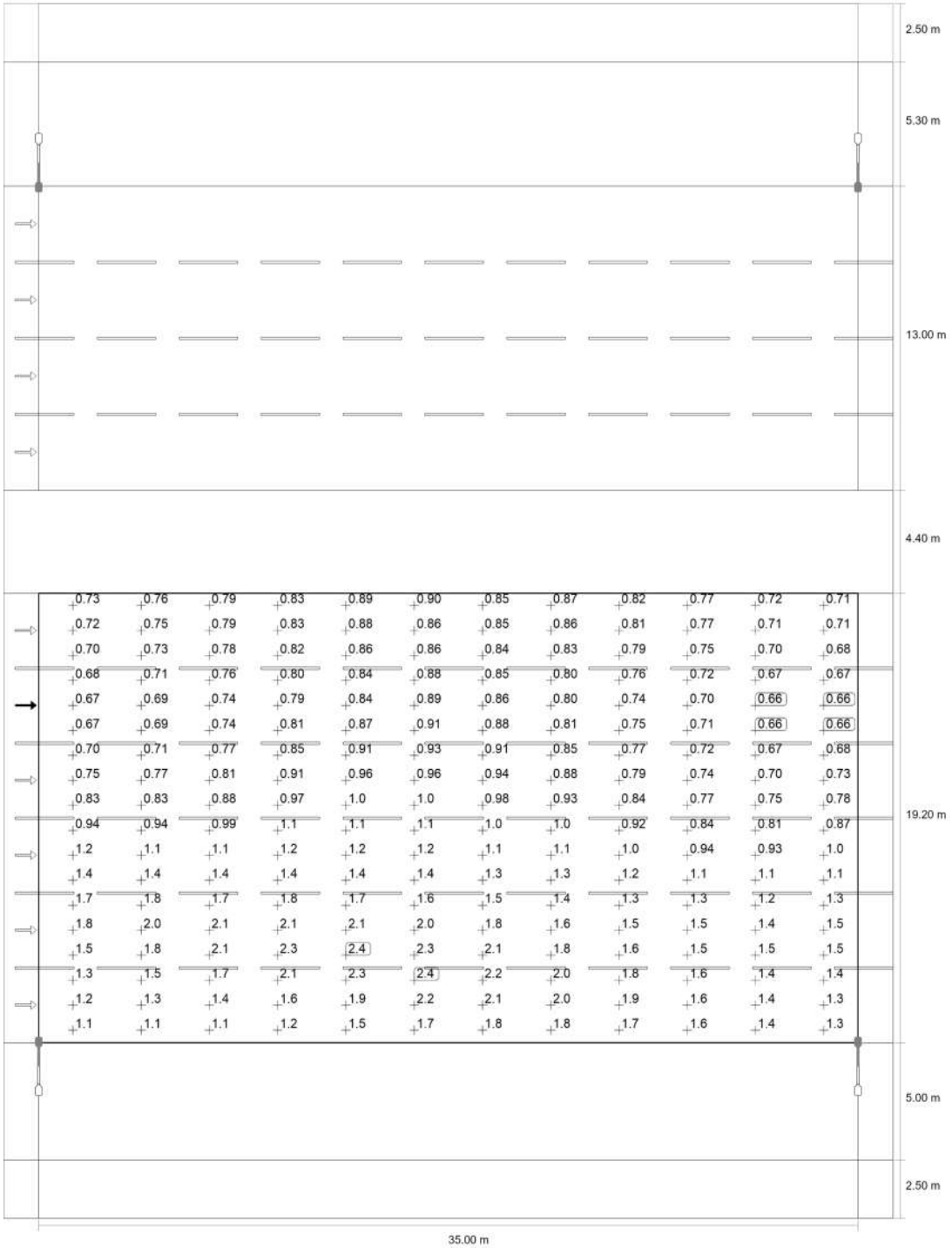
Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio (M3)



Observer 5: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio (M3)



Observer 5: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio (M3)

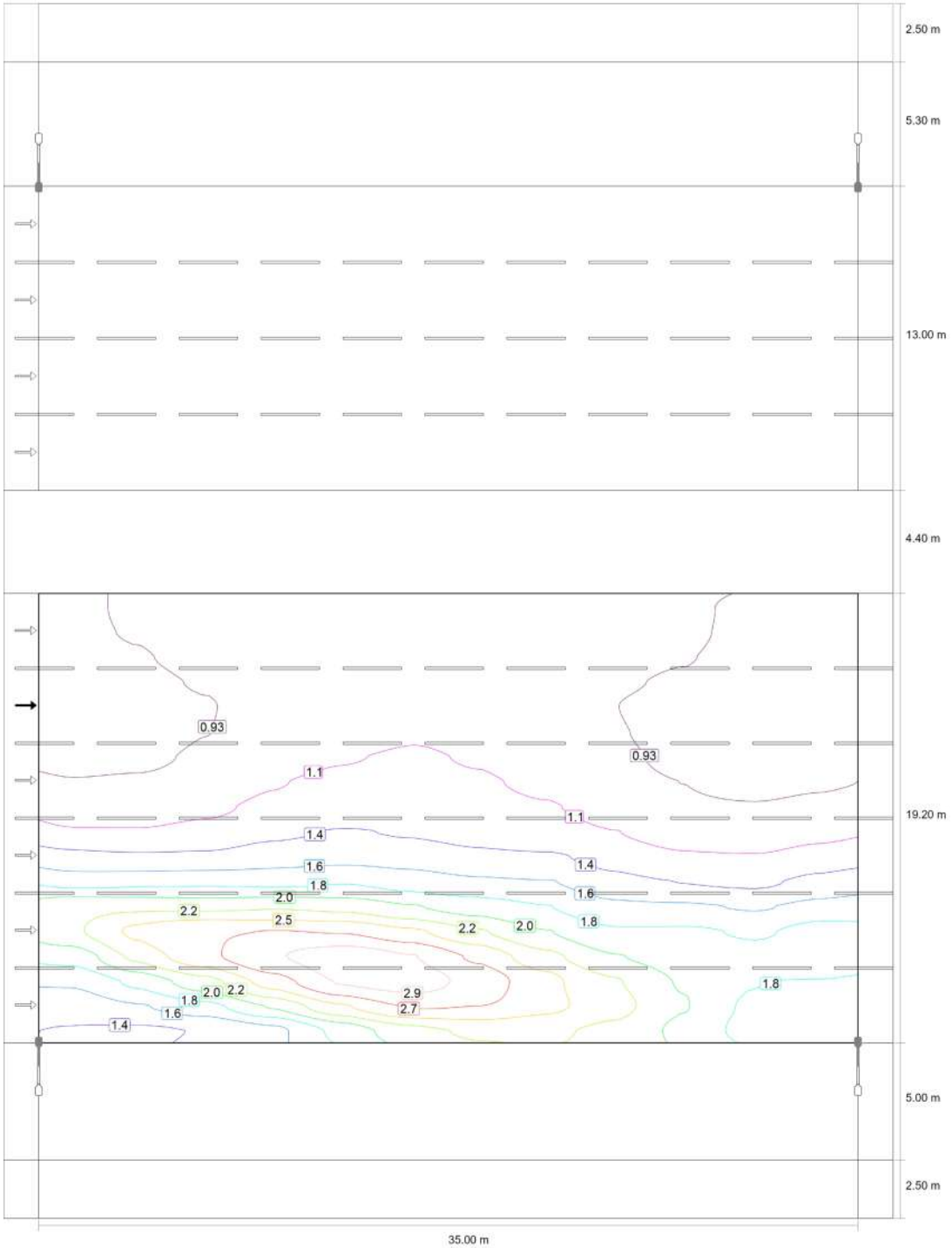
m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
26.167	0.73	0.76	0.79	0.83	0.89	0.90	0.85	0.87	0.82	0.77	0.72	0.71
25.100	0.72	0.75	0.79	0.83	0.88	0.86	0.85	0.86	0.81	0.77	0.71	0.71
24.033	0.70	0.73	0.78	0.82	0.86	0.86	0.84	0.83	0.79	0.75	0.70	0.68
22.967	0.68	0.71	0.76	0.80	0.84	0.88	0.85	0.80	0.76	0.72	0.67	0.67
21.900	0.67	0.69	0.74	0.79	0.84	0.89	0.86	0.80	0.74	0.70	0.66	0.66
20.833	0.67	0.69	0.74	0.81	0.87	0.91	0.88	0.81	0.75	0.71	0.66	0.66
19.767	0.70	0.71	0.77	0.85	0.91	0.93	0.91	0.85	0.77	0.72	0.67	0.68
18.700	0.75	0.77	0.81	0.91	0.96	0.96	0.94	0.88	0.79	0.74	0.70	0.73
17.633	0.83	0.83	0.88	0.97	1.01	1.01	0.98	0.93	0.84	0.77	0.75	0.78
16.567	0.94	0.94	0.99	1.05	1.10	1.08	1.04	1.00	0.92	0.84	0.81	0.87
15.500	1.15	1.12	1.13	1.20	1.22	1.20	1.13	1.11	1.02	0.94	0.93	1.00
14.433	1.38	1.40	1.41	1.39	1.43	1.37	1.30	1.27	1.15	1.09	1.06	1.15
13.367	1.72	1.75	1.74	1.77	1.74	1.63	1.54	1.44	1.31	1.29	1.25	1.33
12.300	1.75	2.00	2.12	2.14	2.13	2.00	1.81	1.62	1.47	1.47	1.42	1.51
11.233	1.51	1.84	2.10	2.30	2.40	2.32	2.10	1.84	1.63	1.54	1.49	1.54
10.167	1.29	1.49	1.72	2.05	2.34	2.39	2.25	2.01	1.80	1.60	1.45	1.43
9.100	1.16	1.25	1.39	1.64	1.95	2.16	2.14	2.02	1.85	1.62	1.41	1.31
8.033	1.08	1.07	1.10	1.23	1.49	1.72	1.82	1.81	1.74	1.57	1.38	1.27

Observer 5: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 5: Maintenance value, luminance with dry roadway	1.15 cd/m²	0.66 cd/m²	2.40 cd/m²	0.57	0.27

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

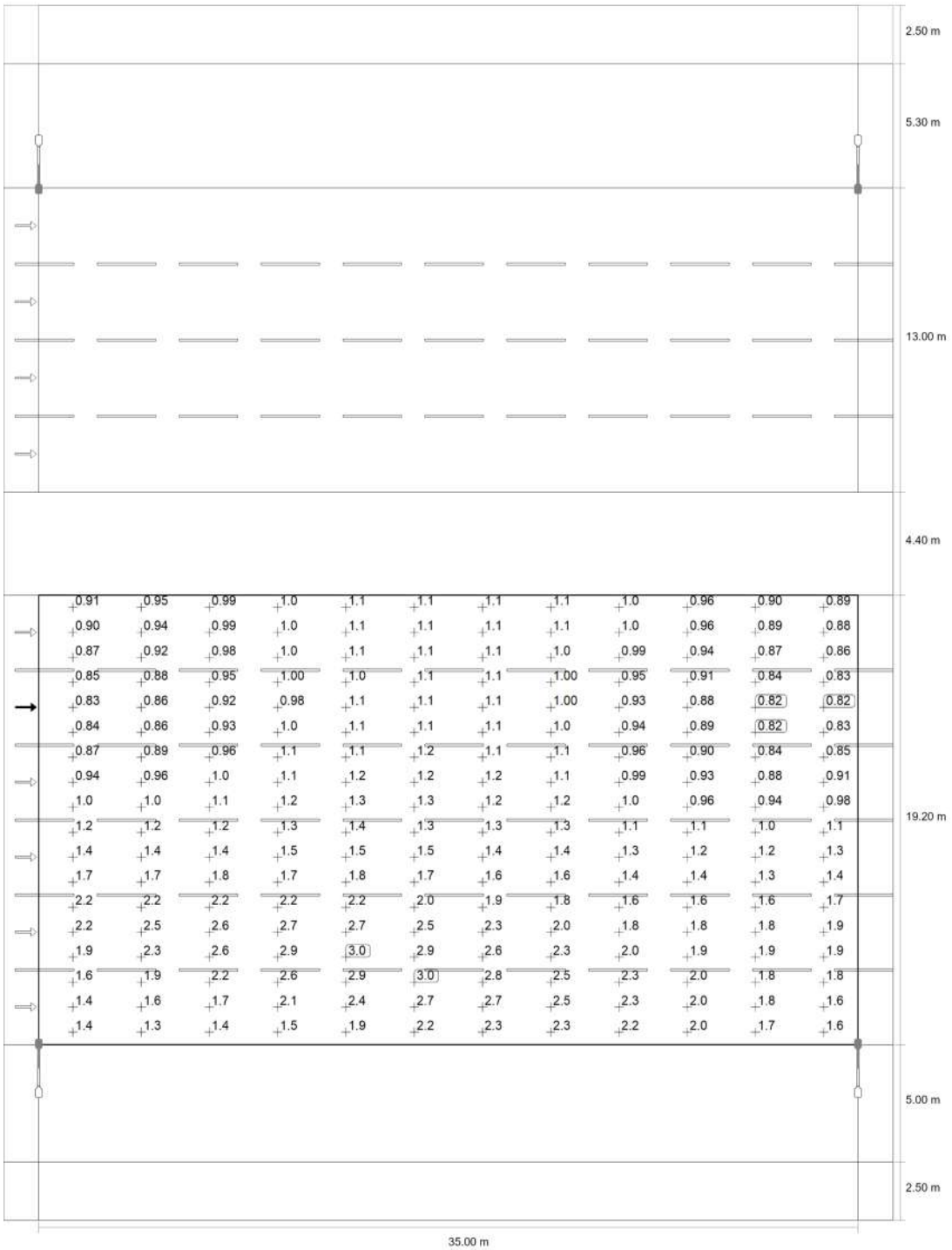
Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio (M3)



Observer 5: Luminance with new installation [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio (M3)



Observer 5: Luminance with new installation [cd/m²] (Value grid)

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio (M3)

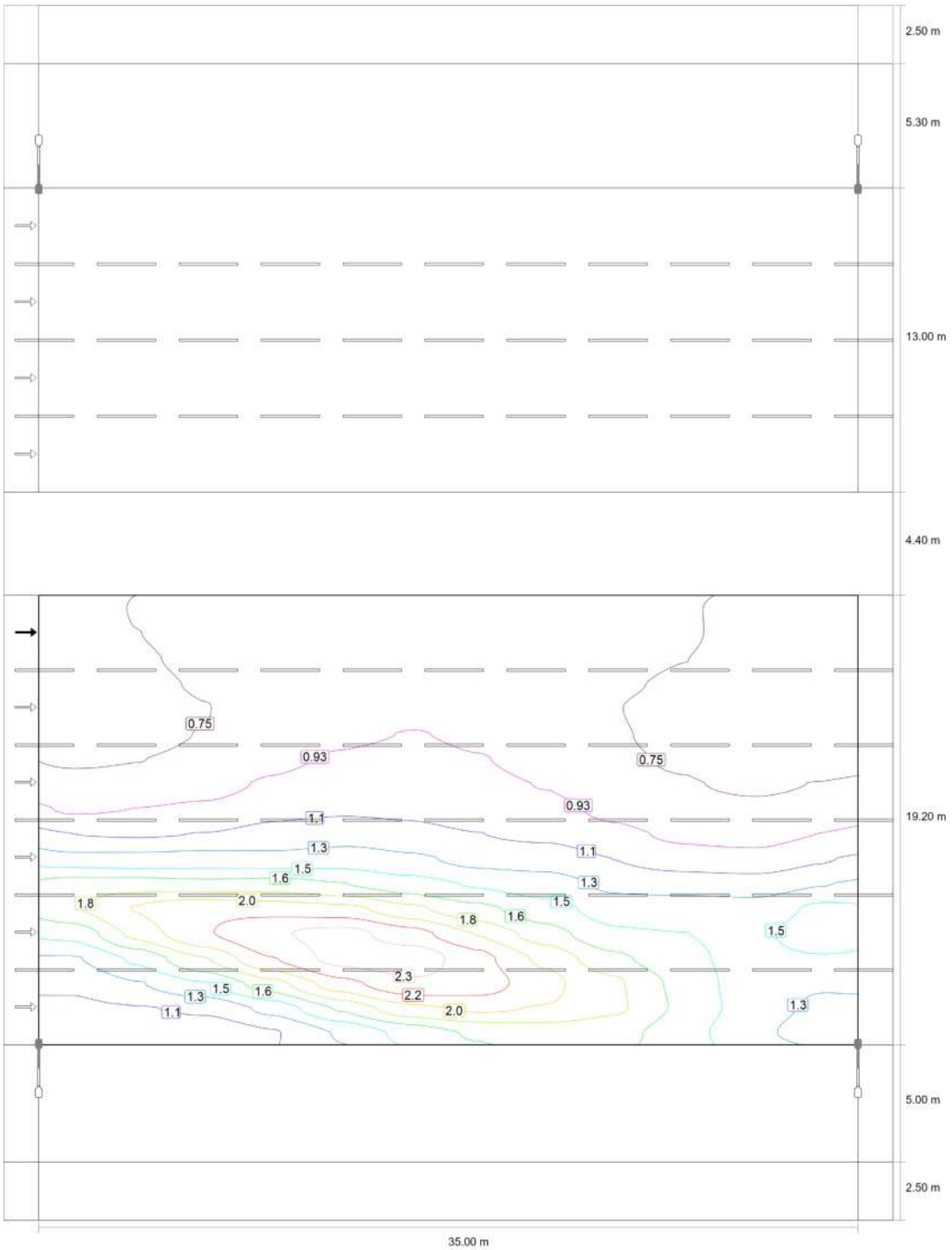
m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
26.167	0.91	0.95	0.99	1.04	1.11	1.12	1.07	1.08	1.02	0.96	0.90	0.89
25.100	0.90	0.94	0.99	1.03	1.10	1.08	1.06	1.07	1.01	0.96	0.89	0.88
24.033	0.87	0.92	0.98	1.02	1.08	1.07	1.06	1.04	0.99	0.94	0.87	0.86
22.967	0.85	0.88	0.95	1.00	1.05	1.10	1.06	1.00	0.95	0.91	0.84	0.83
21.900	0.83	0.86	0.92	0.98	1.05	1.11	1.08	1.00	0.93	0.88	0.82	0.82
20.833	0.84	0.86	0.93	1.02	1.08	1.13	1.10	1.02	0.94	0.89	0.82	0.83
19.767	0.87	0.89	0.96	1.07	1.13	1.16	1.13	1.06	0.96	0.90	0.84	0.85
18.700	0.94	0.96	1.01	1.13	1.20	1.20	1.17	1.10	0.99	0.93	0.88	0.91
17.633	1.04	1.04	1.10	1.21	1.27	1.26	1.22	1.16	1.05	0.96	0.94	0.98
16.567	1.17	1.17	1.23	1.32	1.38	1.34	1.29	1.25	1.15	1.05	1.01	1.08
15.500	1.44	1.40	1.41	1.50	1.53	1.49	1.42	1.39	1.28	1.18	1.16	1.25
14.433	1.72	1.75	1.77	1.74	1.79	1.71	1.62	1.59	1.44	1.36	1.32	1.44
13.367	2.15	2.19	2.18	2.21	2.18	2.03	1.92	1.81	1.64	1.61	1.56	1.66
12.300	2.19	2.50	2.65	2.67	2.66	2.50	2.26	2.02	1.84	1.83	1.77	1.89
11.233	1.88	2.30	2.62	2.87	3.00	2.90	2.62	2.30	2.03	1.93	1.86	1.92
10.167	1.61	1.86	2.16	2.56	2.92	2.99	2.81	2.52	2.25	2.00	1.81	1.79
9.100	1.45	1.56	1.73	2.05	2.44	2.70	2.68	2.52	2.32	2.03	1.76	1.64
8.033	1.36	1.34	1.38	1.54	1.87	2.16	2.27	2.27	2.18	1.97	1.73	1.59

Observer 5: Luminance with new installation [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 5: Luminance with new installation	1.43 cd/m²	0.82 cd/m²	3.00 cd/m²	0.57	0.27

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

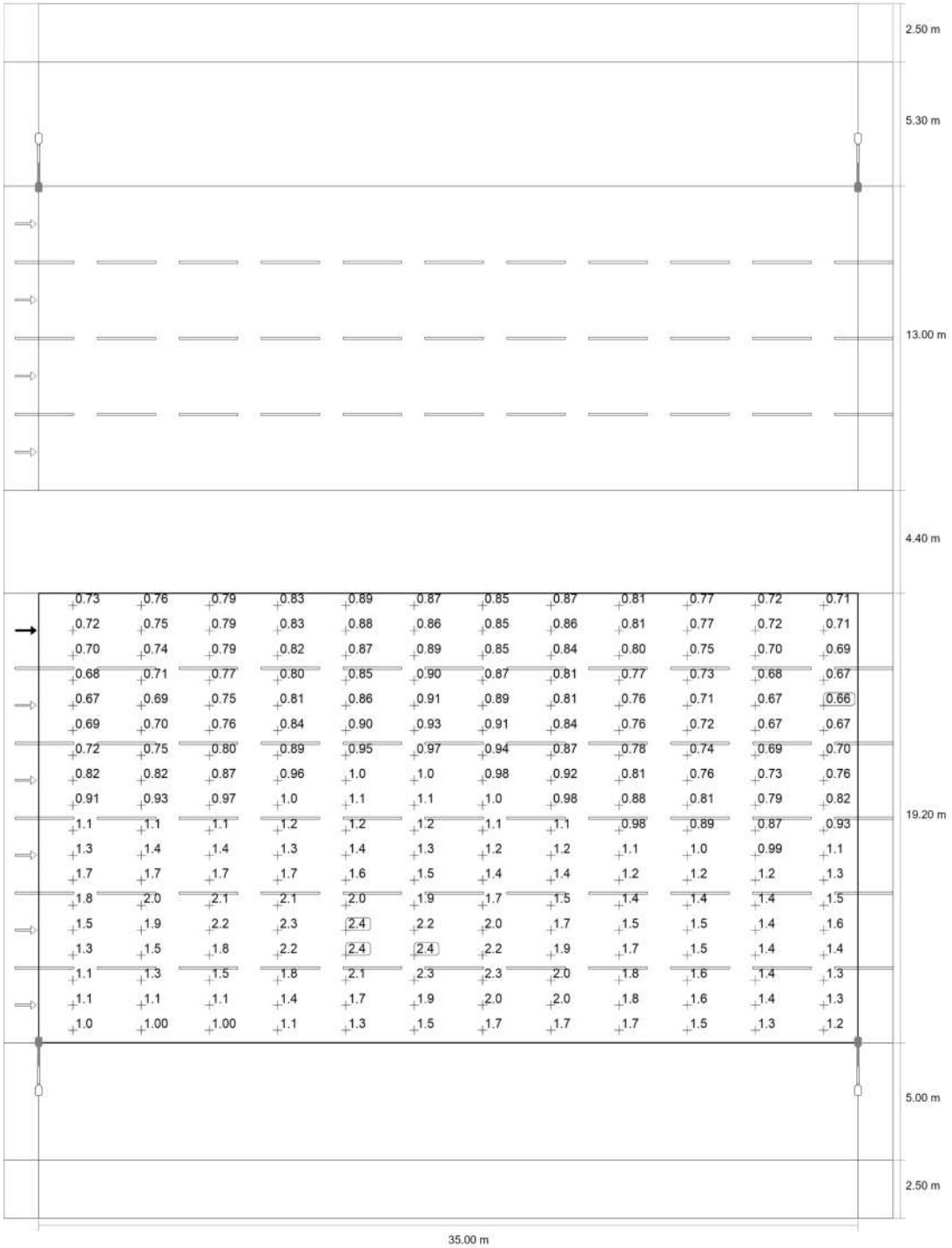
Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio (M3)



Observer 6: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio (M3)



Observer 6: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio (M3)

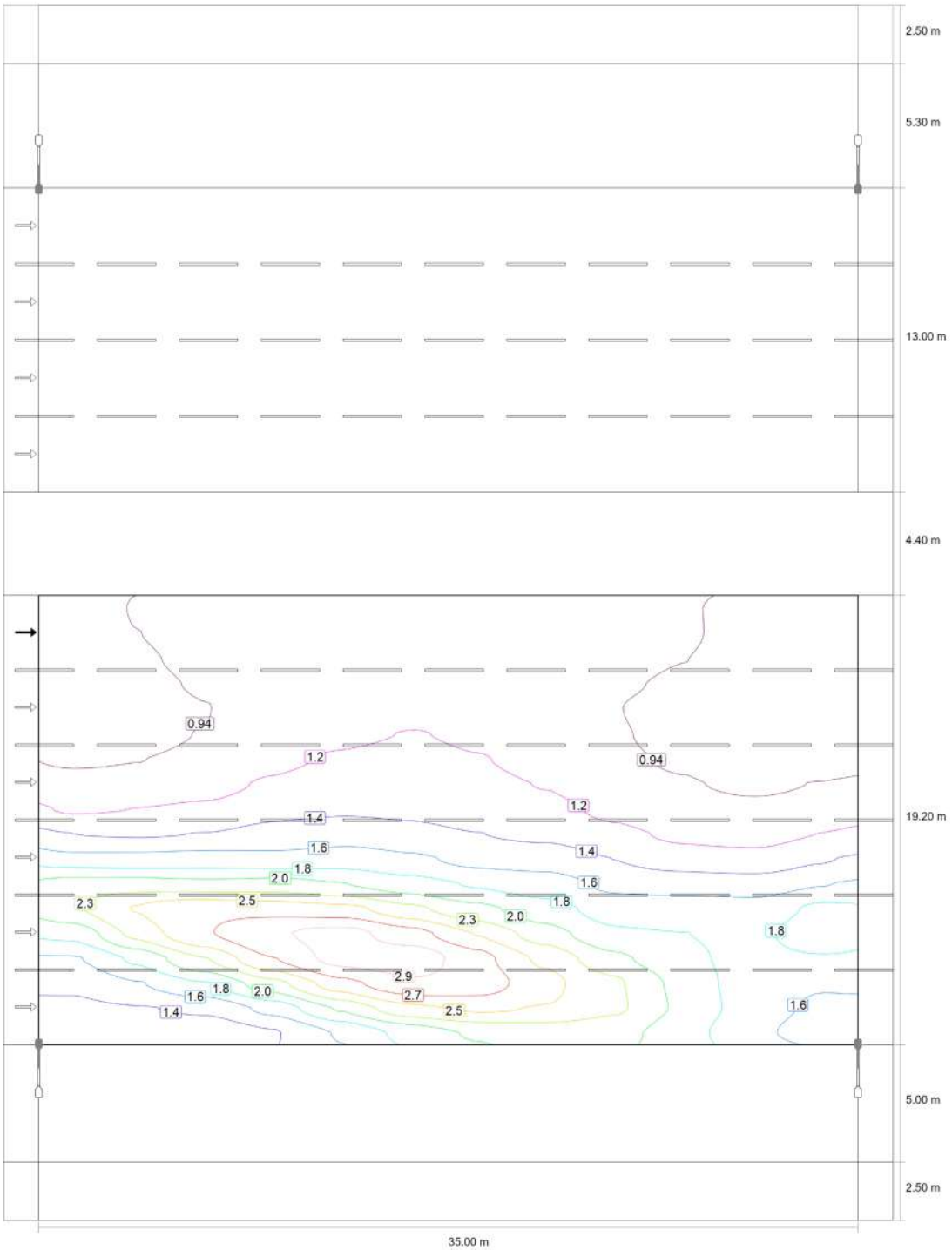
m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
26.167	0.73	0.76	0.79	0.83	0.89	0.87	0.85	0.87	0.81	0.77	0.72	0.71
25.100	0.72	0.75	0.79	0.83	0.88	0.86	0.85	0.86	0.81	0.77	0.72	0.71
24.033	0.70	0.74	0.79	0.82	0.87	0.89	0.85	0.84	0.80	0.75	0.70	0.69
22.967	0.68	0.71	0.77	0.80	0.85	0.90	0.87	0.81	0.77	0.73	0.68	0.67
21.900	0.67	0.69	0.75	0.81	0.86	0.91	0.89	0.81	0.76	0.71	0.67	0.66
20.833	0.69	0.70	0.76	0.84	0.90	0.93	0.91	0.84	0.76	0.72	0.67	0.67
19.767	0.72	0.75	0.80	0.89	0.95	0.97	0.94	0.87	0.78	0.74	0.69	0.70
18.700	0.82	0.82	0.87	0.96	1.01	1.01	0.98	0.92	0.81	0.76	0.73	0.76
17.633	0.91	0.93	0.97	1.05	1.09	1.07	1.03	0.98	0.88	0.81	0.79	0.82
16.567	1.10	1.09	1.11	1.18	1.20	1.17	1.11	1.07	0.98	0.89	0.87	0.93
15.500	1.35	1.36	1.38	1.35	1.39	1.32	1.22	1.21	1.10	1.02	0.99	1.09
14.433	1.70	1.71	1.69	1.72	1.64	1.54	1.44	1.37	1.24	1.21	1.19	1.27
13.367	1.78	2.00	2.11	2.09	2.05	1.86	1.69	1.53	1.38	1.38	1.36	1.50
12.300	1.51	1.88	2.16	2.33	2.39	2.24	1.98	1.72	1.50	1.46	1.43	1.57
11.233	1.27	1.50	1.82	2.17	2.41	2.44	2.23	1.94	1.68	1.51	1.41	1.44
10.167	1.14	1.27	1.46	1.76	2.10	2.31	2.25	2.05	1.84	1.59	1.37	1.30
9.100	1.07	1.10	1.14	1.35	1.67	1.94	2.03	1.98	1.85	1.60	1.38	1.25
8.033	1.03	1.00	1.00	1.10	1.31	1.52	1.67	1.71	1.69	1.54	1.33	1.21

Observer 6: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 6: Maintenance value, luminance with dry roadway	1.17 cd/m²	0.66 cd/m²	2.44 cd/m²	0.57	0.27

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

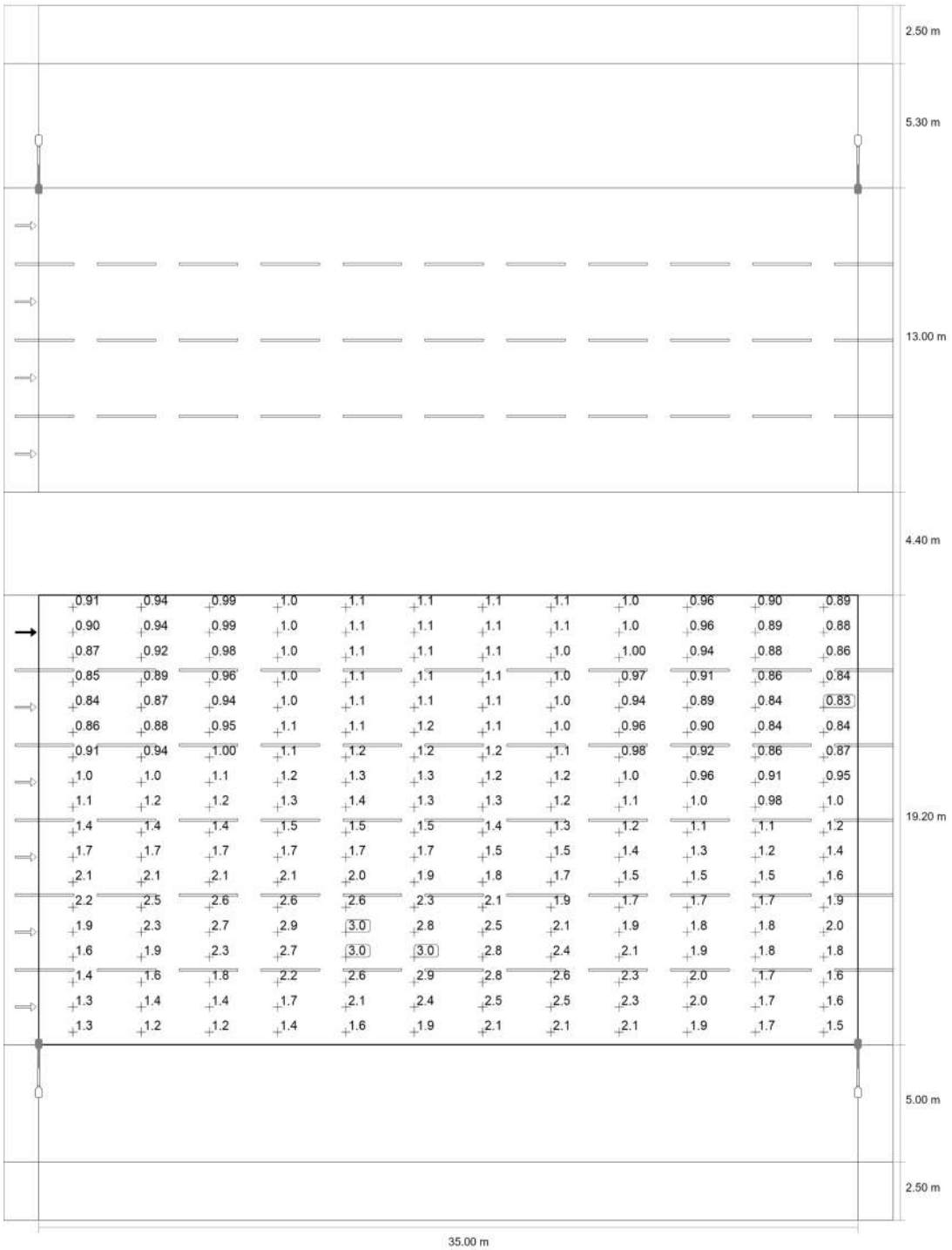
Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio (M3)



Observer 6: Luminance with new installation [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio (M3)



Observer 6: Luminance with new installation [cd/m²] (Value grid)

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio (M3)

m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
26.167	0.91	0.94	0.99	1.04	1.11	1.08	1.06	1.08	1.02	0.96	0.90	0.89
25.100	0.90	0.94	0.99	1.03	1.11	1.08	1.06	1.07	1.01	0.96	0.89	0.88
24.033	0.87	0.92	0.98	1.02	1.08	1.11	1.06	1.05	1.00	0.94	0.88	0.86
22.967	0.85	0.89	0.96	1.01	1.06	1.12	1.09	1.01	0.97	0.91	0.86	0.84
21.900	0.84	0.87	0.94	1.01	1.08	1.14	1.11	1.01	0.94	0.89	0.84	0.83
20.833	0.86	0.88	0.95	1.05	1.13	1.17	1.13	1.05	0.96	0.90	0.84	0.84
19.767	0.91	0.94	1.00	1.11	1.19	1.21	1.17	1.09	0.98	0.92	0.86	0.87
18.700	1.02	1.02	1.08	1.20	1.26	1.26	1.22	1.15	1.02	0.96	0.91	0.95
17.633	1.13	1.16	1.21	1.31	1.36	1.34	1.29	1.23	1.10	1.02	0.98	1.02
16.567	1.38	1.36	1.39	1.48	1.51	1.46	1.38	1.34	1.22	1.11	1.09	1.16
15.500	1.69	1.69	1.72	1.69	1.74	1.65	1.53	1.51	1.38	1.28	1.24	1.36
14.433	2.12	2.14	2.11	2.15	2.05	1.93	1.80	1.71	1.55	1.51	1.49	1.59
13.367	2.23	2.51	2.64	2.62	2.56	2.32	2.11	1.92	1.73	1.73	1.70	1.88
12.300	1.89	2.35	2.69	2.91	2.99	2.80	2.47	2.15	1.87	1.83	1.79	1.96
11.233	1.59	1.88	2.28	2.72	3.02	3.05	2.78	2.43	2.10	1.88	1.76	1.80
10.167	1.42	1.59	1.82	2.20	2.63	2.88	2.82	2.56	2.30	1.98	1.71	1.62
9.100	1.34	1.37	1.43	1.69	2.09	2.42	2.53	2.47	2.31	2.00	1.73	1.57
8.033	1.29	1.24	1.25	1.37	1.63	1.90	2.08	2.14	2.11	1.92	1.67	1.52

Observer 6: Luminance with new installation [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 6: Luminance with new installation	1.46 cd/m²	0.83 cd/m²	3.05 cd/m²	0.57	0.27

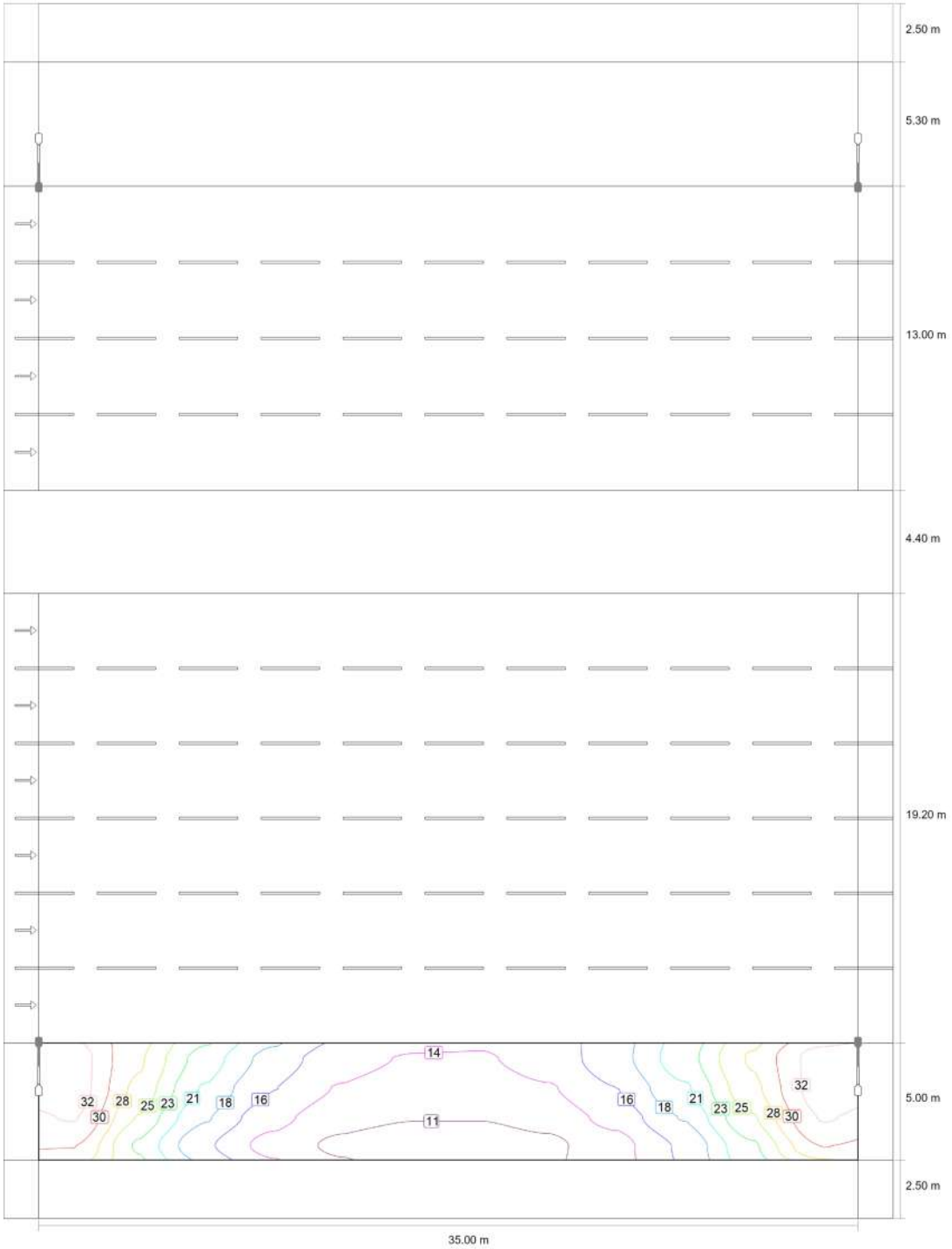
Sidewalk (P3)

Results for valuation field

	Symbol	Calculated	Target	Check
Sidewalk (P3)	E_{av}	19.56 lx	[7.50 - 11.25] lx	✓
	E_{min}	10.22 lx	≥ 1.50 lx	✓

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

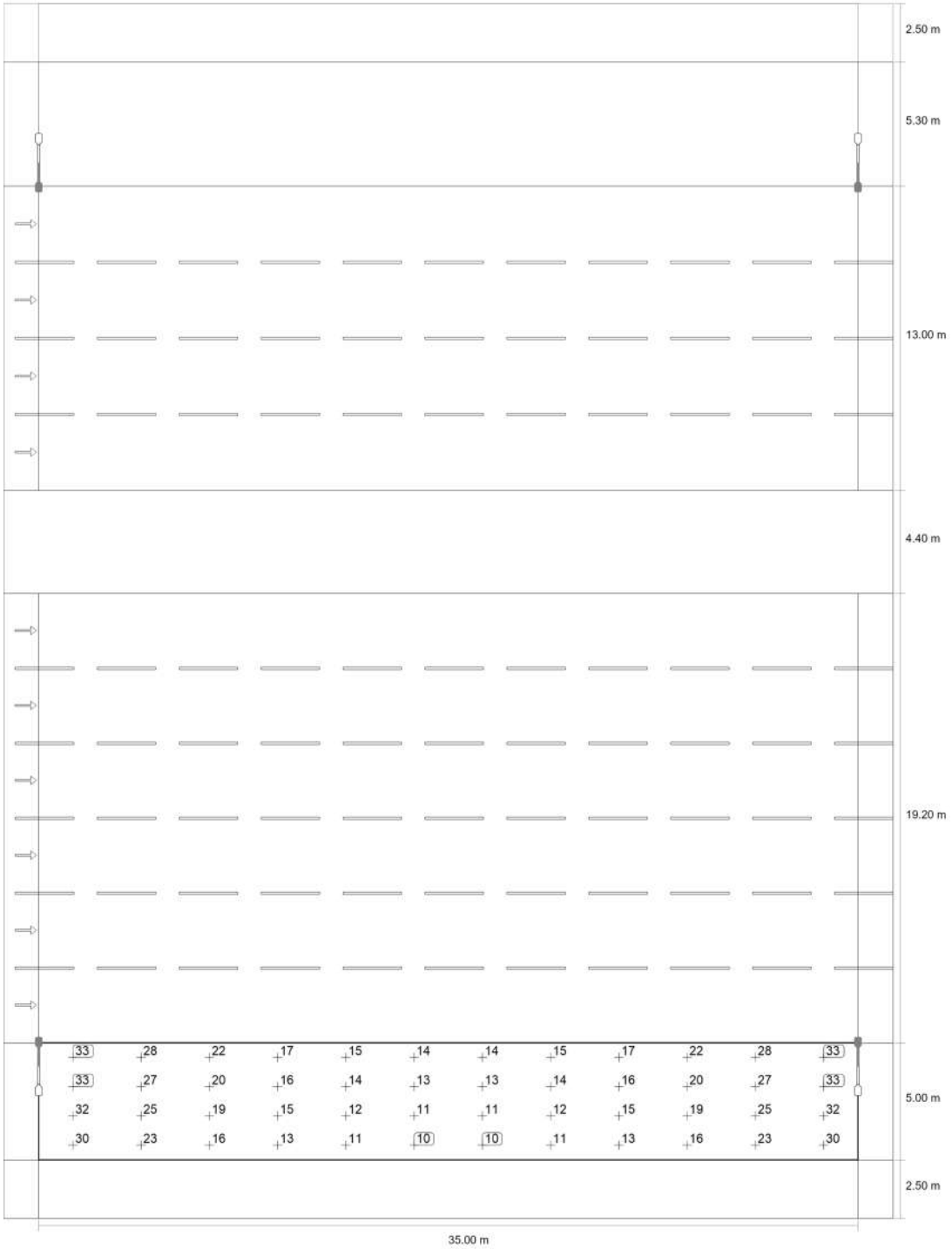
Sidewalk (P3)



Maintenance value, horizontal illuminance [lx] (Iso-illuminance curves)

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

Sidewalk (P3)



Maintenance value, horizontal illuminance [lx] (Value grid)

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

Sidewalk (P3)

m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
6.875	33.32	27.95	21.94	17.42	14.61	13.56	13.56	14.61	17.42	21.94	27.95	33.32
5.625	33.45	27.03	20.38	16.05	13.53	12.68	12.68	13.53	16.05	20.38	27.03	33.45
4.375	32.45	25.18	18.55	14.53	12.26	11.49	11.49	12.26	14.53	18.55	25.18	32.45
3.125	30.04	22.64	16.42	12.88	10.91	10.22	10.22	10.91	12.88	16.42	22.64	30.04

Maintenance value, horizontal illuminance [lx] (Value chart)

	E_{av}	E_{min}	E_{max}	U_o (g_1)	g_2
Maintenance value, horizontal illuminance	19.6 lx	10.2 lx	33.5 lx	0.52	0.31

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

Bicycle lane (P3)

Results for valuation field

	Symbol	Calculated	Target	Check
Bicycle lane (P3)	E_{av}	14.02 lx	[7.50 - 11.25] lx	✓
	E_{min}	7.45 lx	≥ 1.50 lx	✓

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

Bicycle lane (P3)

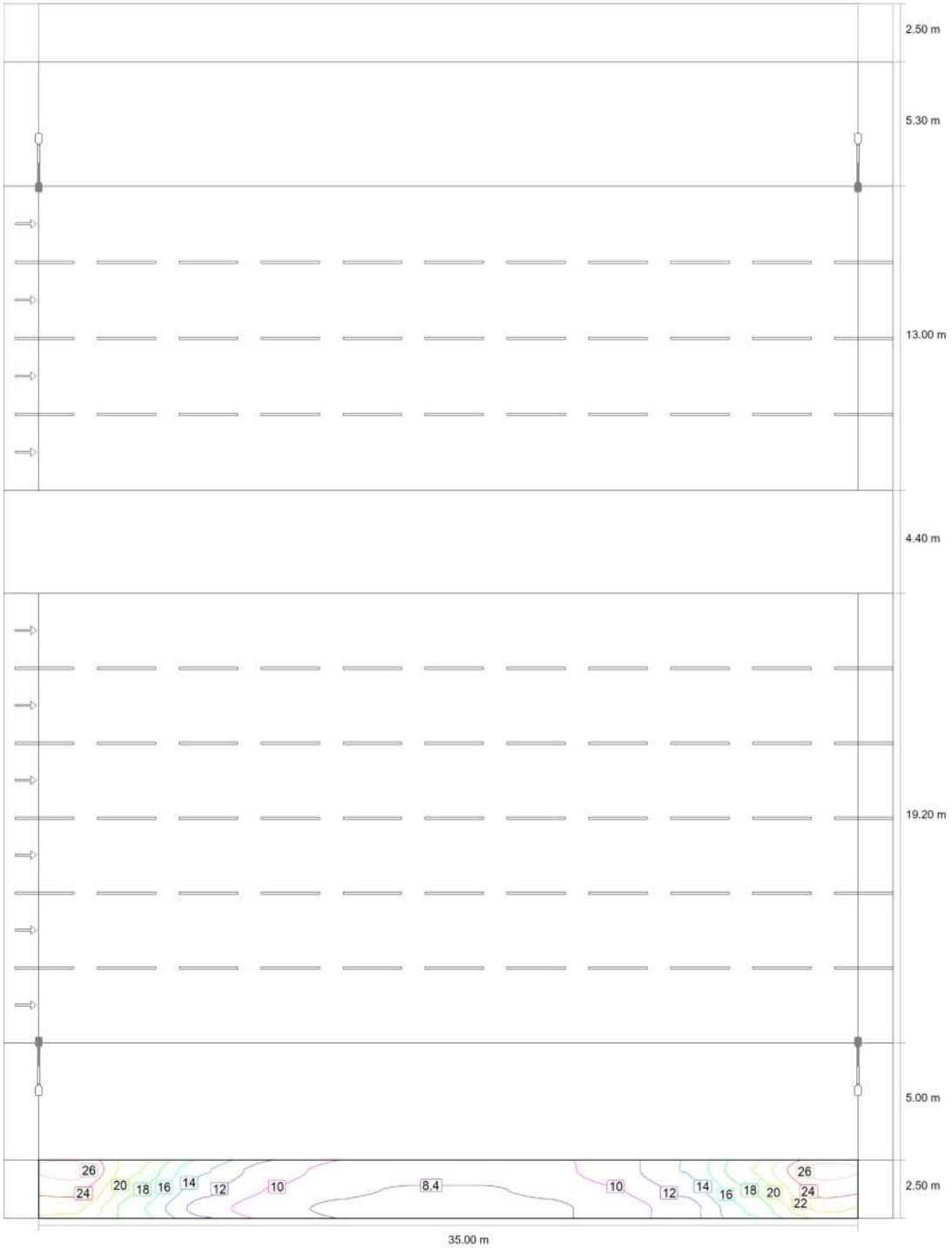
m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
2.083	27.40	20.49	14.52	11.43	9.78	9.12	9.12	9.78	11.43	14.52	20.49	27.40
1.250	25.07	18.54	12.96	10.29	8.89	8.26	8.26	8.89	10.29	12.96	18.54	25.07
0.417	22.76	16.79	11.46	9.18	8.03	7.45	7.45	8.03	9.18	11.46	16.79	22.76

Maintenance value, horizontal illuminance [lx] (Value chart)

	E_{av}	E_{min}	E_{max}	U_o (g_1)	g_2
Maintenance value, horizontal illuminance	14.0 lx	7.45 lx	27.4 lx	0.53	0.27

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

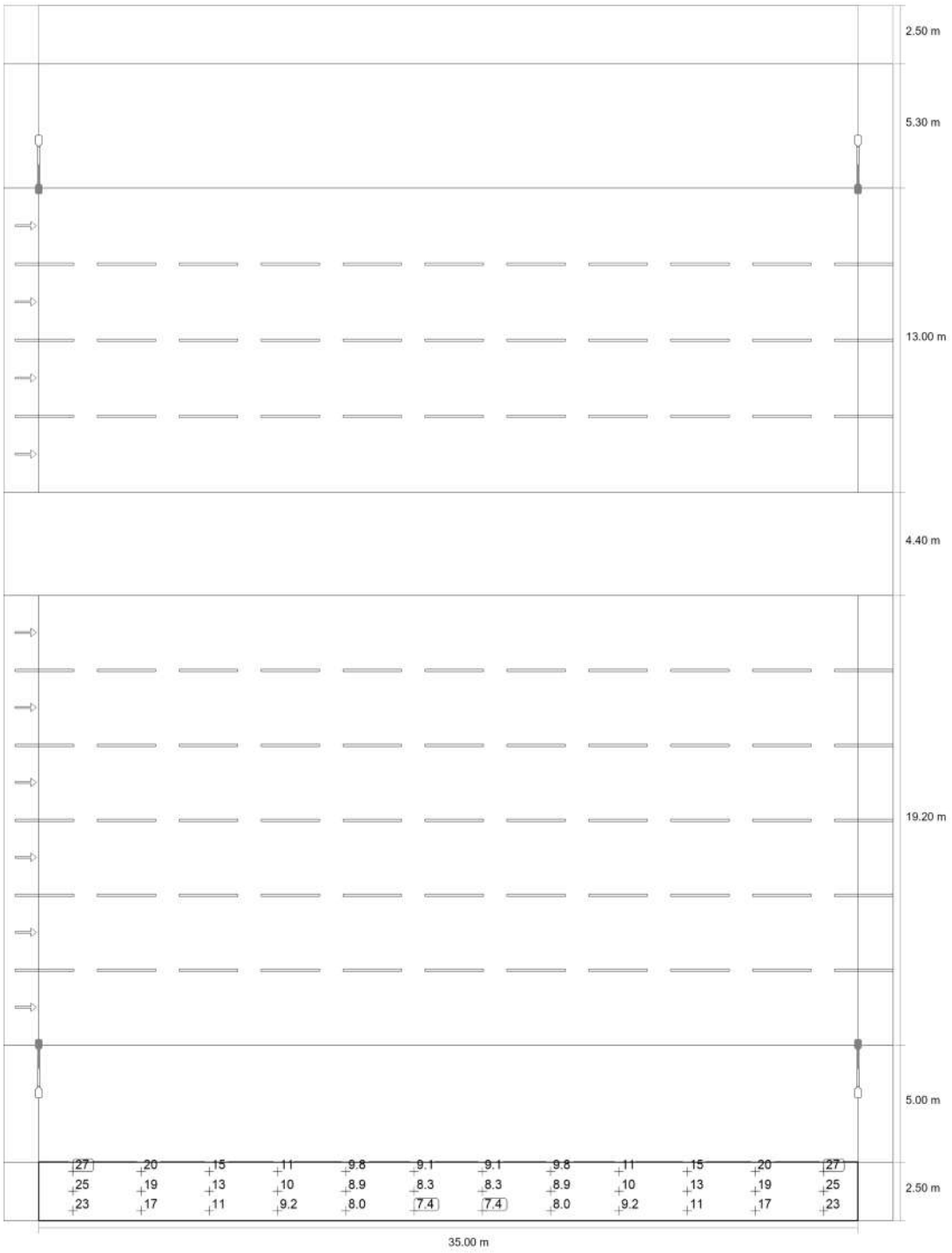
Bicycle lane (P3)



Maintenance value, horizontal illuminance [lx] (Iso-illuminance curves)

Taikos pr. praplatėjimas nuo Dubysos g. link Akropolio

Bicycle lane (P3)



Maintenance value, horizontal illuminance [lx] (Value grid)

Date 2024-06-13

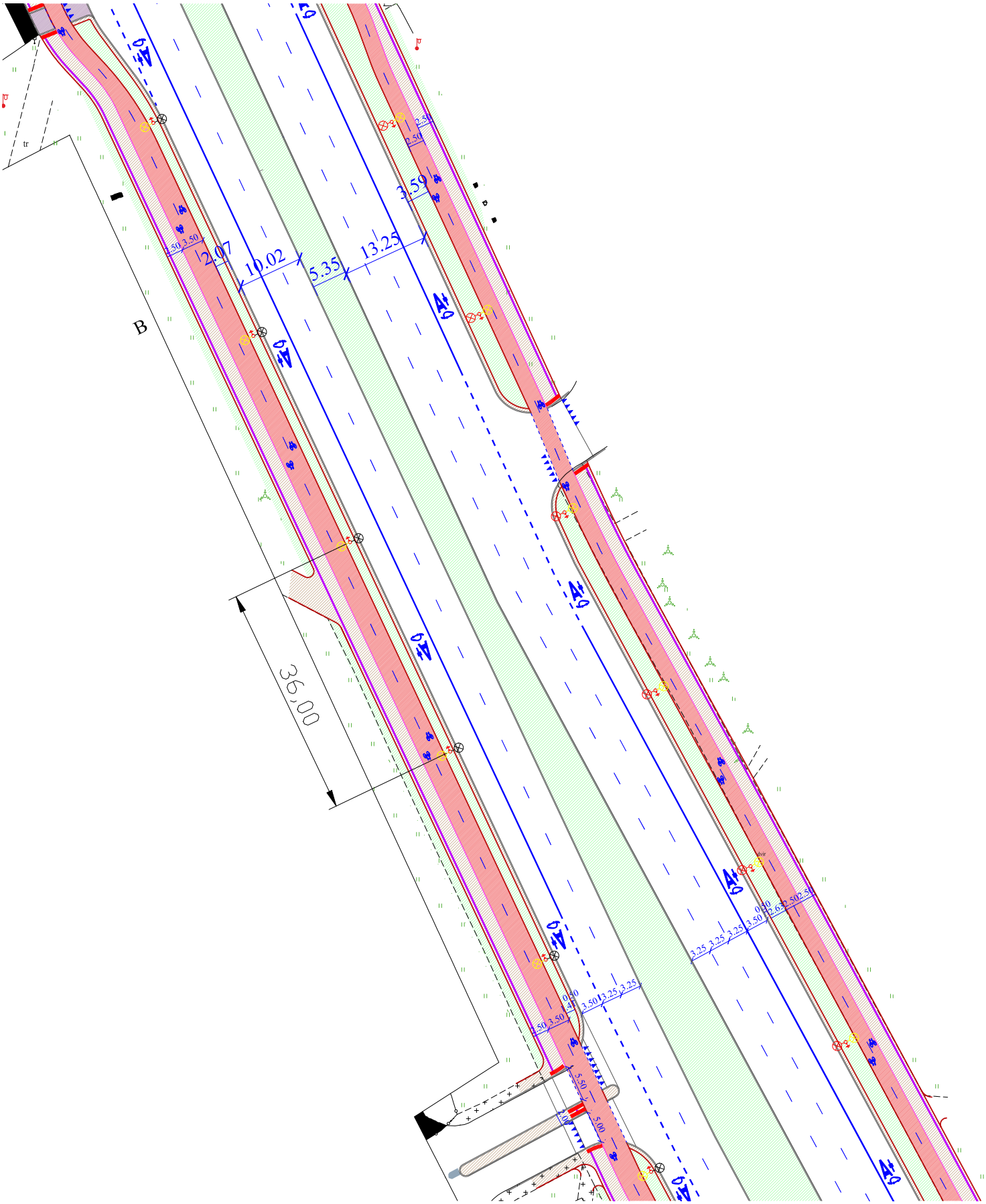
DIALux

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g.



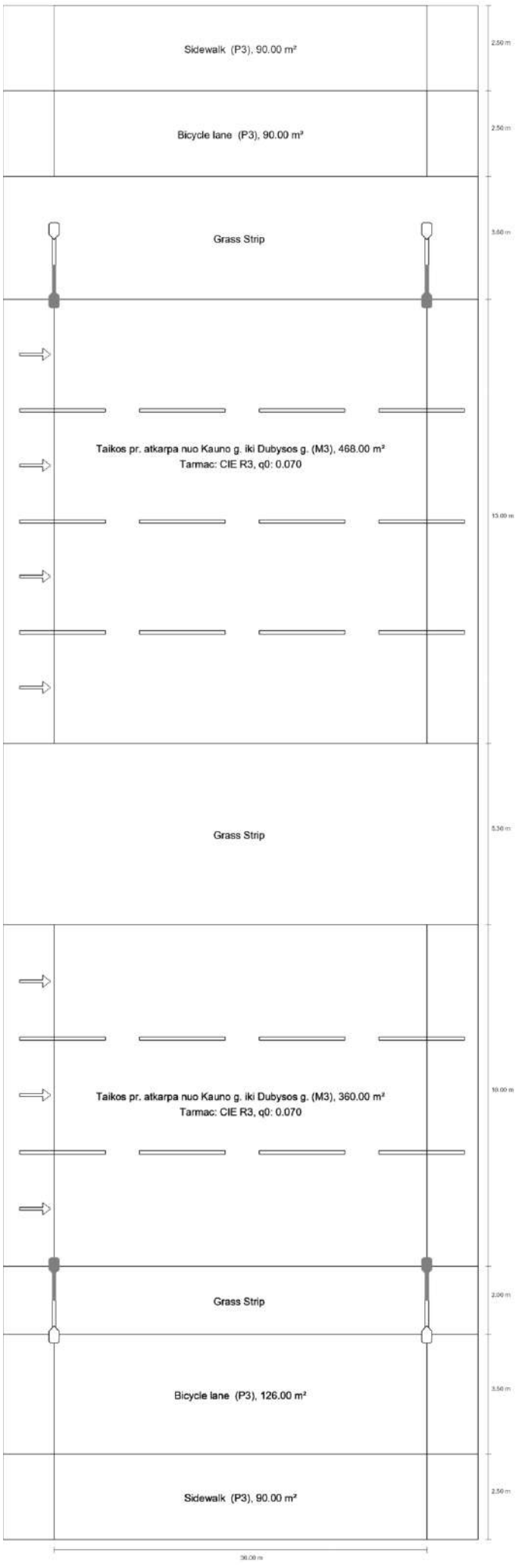


Created with DIALux


B
36,00
2,07
10,02
5,35
13,25
3,59
3,50
2,50
3,25
5,00
0,50
12,63

Summary (according to EN 13201:2015)

DIALux

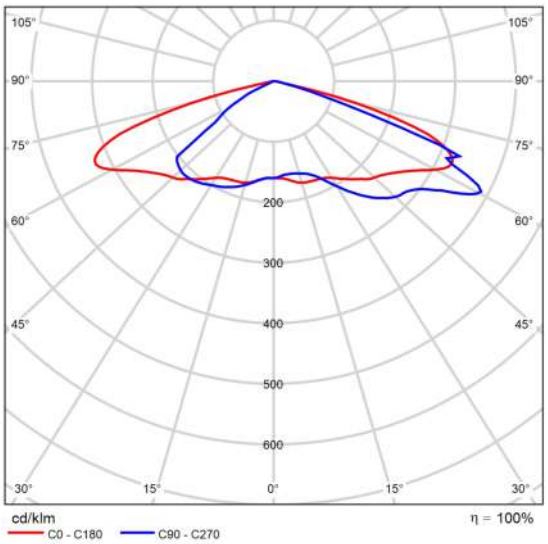


Product data sheet

CARIBONI GROUP - KOINE'-M R4-4K 105W 540mA PB-01

Article No.	01KO3E854016AHM4

P	105.0 W
Φ_{Lamp}	16840 lm
$\Phi_{Luminaire}$	16840 lm
η	100.00 %
Luminous efficacy	160.4 lm/W
CCT	4000 K
CRI	70



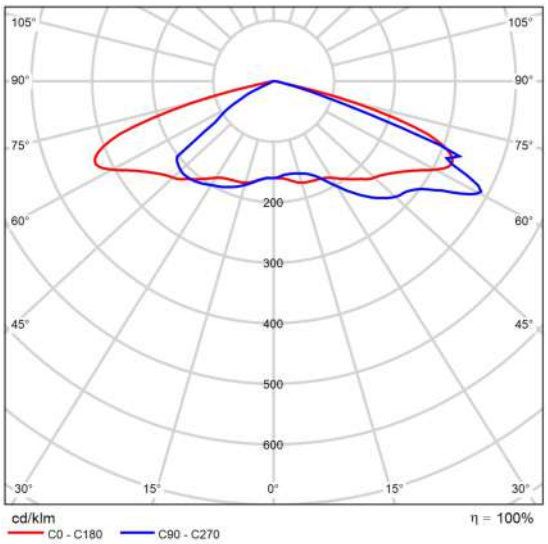
Polar LDC



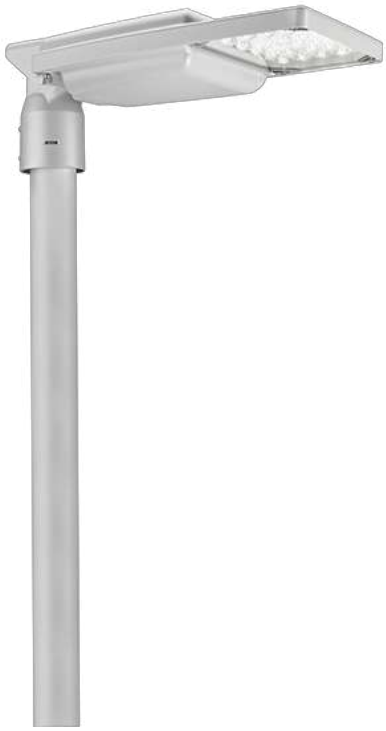
Product data sheet

CARIBONI GROUP - KOINE'-S R1-3K 12W 210mA PB-01

Article No.	01KO1B221916AHM4
P	12.0 W
Φ_{Lamp}	1670 lm
$\Phi_{Luminaire}$	1670 lm
η	100.00 %
Luminous efficacy	139.2 lm/W
CCT	3000 K
CRI	70

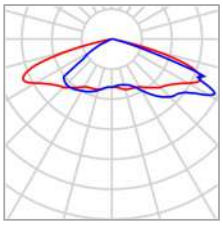


Polar LDC



Taikos pr. atkarpa nuo Kauno g. iki Dubysos g.

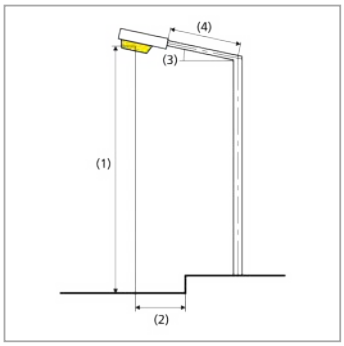
Summary (according to EN 13201:2015)





Manufacturer	CARIBONI GROUP	P	105.0 W
Article No.	01KO3E854016AHM4	Φ_{Lamp}	16840 lm
Article name	KOINE'-M R4-4K 105W 540mA PB-01	$\Phi_{Luminaire}$	16840 lm
		η	100.00 %
Fitting	1x LED R4 4K D540		

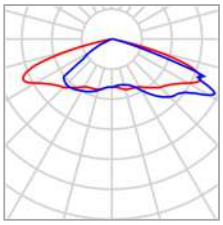
KOINE'-M R4-4K 105W 540mA PB-01 (both sides opposite)



Pole distance	36.000 m
(1) Light spot height	10.000 m
(2) Light point overhang	0.000 m
(3) Boom inclination	0.0°
(4) Boom length	1.000 m
Annual operating hours	4000 h: 100.0 %, 105.0 W
Wattage / route	5880.0 W/km
ULR / ULOR	0.00 / 0.00
Max. luminous intensities Any direction forming the specified angle from the downward vertical, with the luminaire installed for use.	≥ 70°: 462 cd/klm ≥ 80°: 42.0 cd/klm ≥ 90°: 0.00 cd/klm
Luminous intensity class The luminous intensity values in [cd/klm] for calculation of the luminous intensity class refer to the luminaire luminous flux according to EN 13201:2015.	G*4
Glare index class	D.4
MF	0.80

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g.

Summary (according to EN 13201:2015)

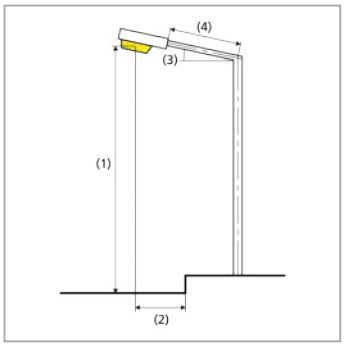




Manufacturer	CARIBONI GROUP
Article No.	01KO1B221916AHM4
Article name	KOINE'-S R1-3K 12W 210mA PB-01
Fitting	1x LED R1 3K D210

P	12.0 W
Φ_{Lamp}	1670 lm
$\Phi_{Luminaire}$	1670 lm
η	100.00 %

KOINE'-S R1-3K 12W 210mA PB-01 (both sides opposite)



Pole distance	36.000 m
(1) Light spot height	8.000 m
(2) Light point overhang	0.000 m
(3) Boom inclination	0.0°
(4) Boom length	1.000 m
Annual operating hours	4000 h: 100.0 %, 12.0 W
Wattage / route	672.0 W/km
ULR / ULOR	0.00 / 0.00
Max. luminous intensities Any direction forming the specified angle from the downward vertical, with the luminaire installed for use.	≥ 70°: 462 cd/klm ≥ 80°: 42.0 cd/klm ≥ 90°: 0.00 cd/klm
Luminous intensity class The luminous intensity values in [cd/klm] for calculation of the luminous intensity class refer to the luminaire luminous flux according to EN 13201:2015.	G*4
Glare index class	D.6
MF	0.80

DIALux

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g.

Summary (according to EN 13201:2015)

Results for valuation fields

A maintenance factor of 0.80 was used for calculating for the installation.

	Symbol	Calculated	Target	Check
Sidewalk (P3)	E_{av}	9.84 lx	[7.50 - 11.25] lx	✓
	E_{min}	5.19 lx	≥ 1.50 lx	✓
Bicycle lane (P3)	E_{av}	13.22 lx	[7.50 - 11.25] lx	✓
	E_{min}	7.18 lx	≥ 1.50 lx	✓
Taikos pr. atkarpa nuo Kauno g. iki Dubysos g. (M3)	L_{av}	1.01 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.59	≥ 0.40	✓
	U_l	0.69	≥ 0.60	✓
	TI	11 %	≤ 15 %	✓
	R_{EI}	0.91	≥ 0.30	✓
Taikos pr. atkarpa nuo Kauno g. iki Dubysos g. (M3)	L_{av}	1.07 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.61	≥ 0.40	✓
	U_l	0.69	≥ 0.60	✓
	TI	10 %	≤ 15 %	✓
	R_{EI}	0.91	≥ 0.30	✓
Bicycle lane (P3)	E_{av}	14.63 lx	[7.50 - 11.25] lx	✓
	E_{min}	7.86 lx	≥ 1.50 lx	✓
Sidewalk (P3)	E_{av}	10.63 lx	[7.50 - 11.25] lx	✓
	E_{min}	5.62 lx	≥ 1.50 lx	✓

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g.

Summary (according to EN 13201:2015)

Results for energy efficiency indicators

	Symbol	Calculated	Energy Consumption
Taikos pr. atkarpa nuo Kauno g. iki Dubysos g.	D_p	0.001 W/lx*m²	
KOINE'-M R4-4K 105W 540mA PB-01 (both sides opposite)	D_e	0.7 kWh/m² yr	840.0 kWh/yr
KOINE'-S R1-3K 12W 210mA PB-01 (both sides opposite)	D_e	0.1 kWh/m² yr	96.0 kWh/yr

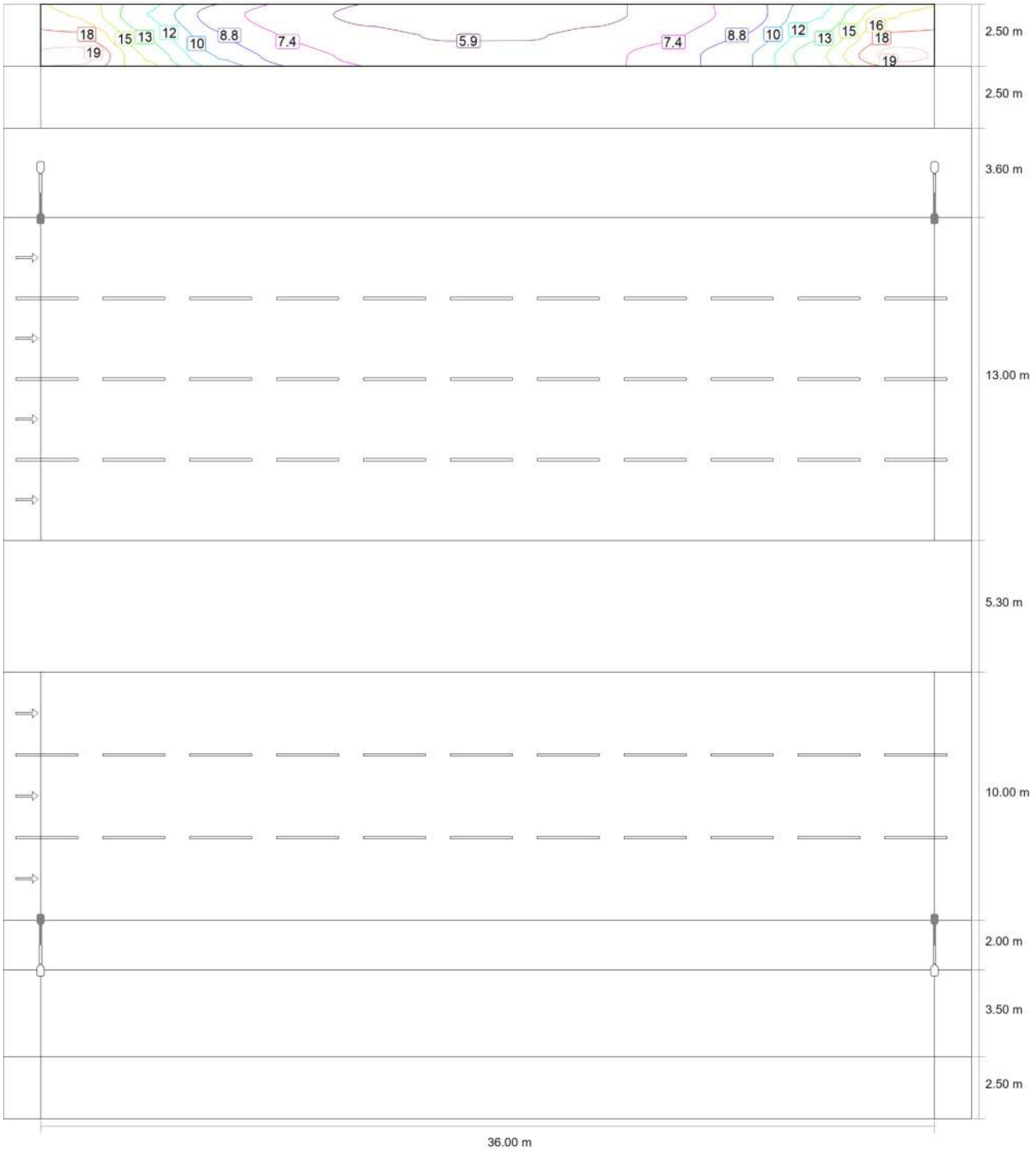
Sidewalk (P3)

Results for valuation field

	Symbol	Calculated	Target	Check
Sidewalk (P3)	E_{av}	9.84 lx	[7.50 - 11.25] lx	✓
	E_{min}	5.19 lx	≥ 1.50 lx	✓

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g.

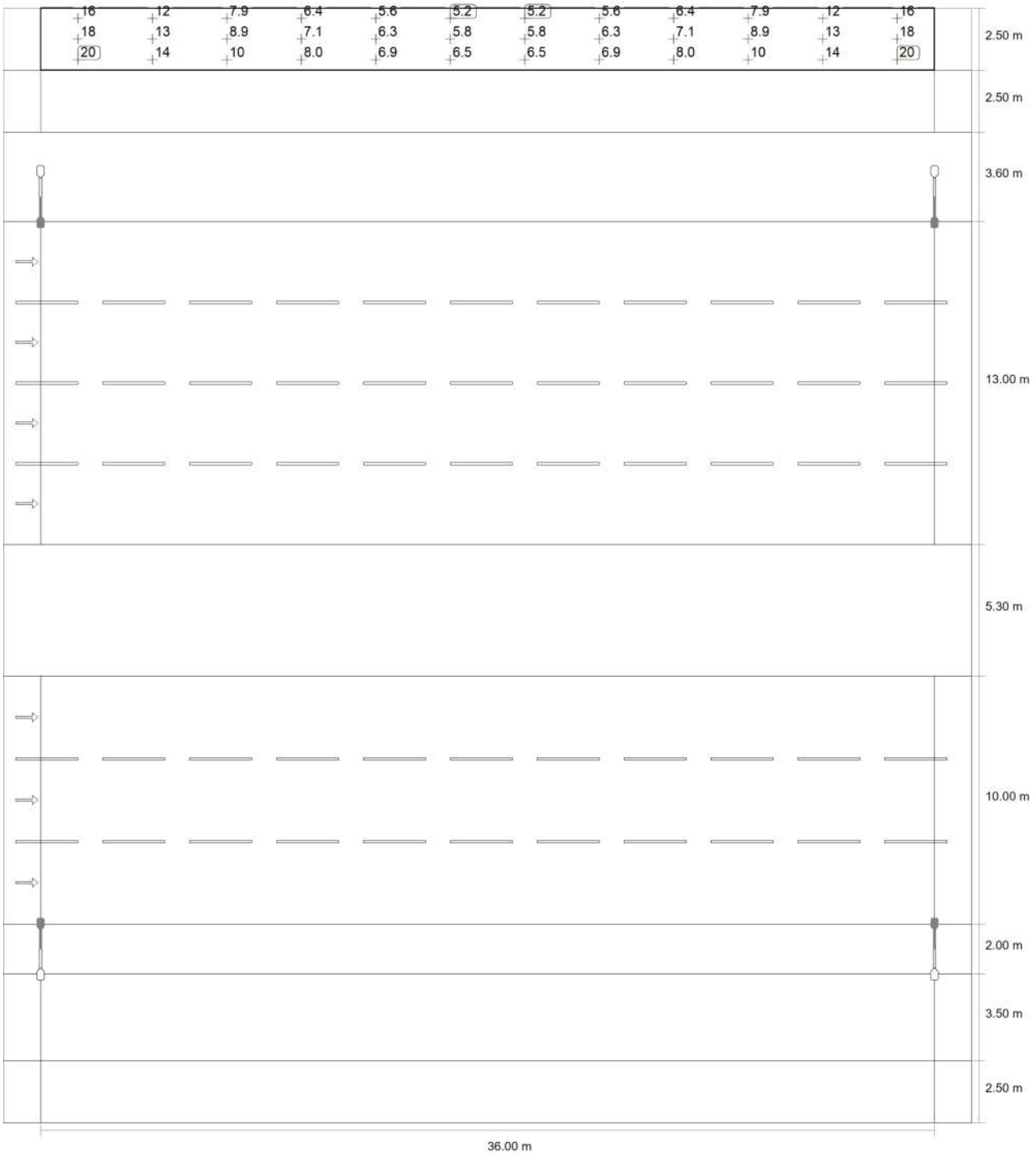
Sidewalk (P3)



Maintenance value, horizontal illuminance [lx] (Iso-illuminance curves)

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g.

Sidewalk (P3)



Maintenance value, horizontal illuminance [lx] (Value grid)

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g.

Sidewalk (P3)

m	1.500	4.500	7.500	10.500	13.500	16.500	19.500	22.500	25.500	28.500	31.500	34.500
44.483	15.99	11.66	7.88	6.37	5.59	5.19	5.19	5.59	6.37	7.88	11.66	15.99
43.650	17.84	12.99	8.90	7.14	6.26	5.81	5.81	6.26	7.14	8.90	12.99	17.84
42.817	19.69	14.38	10.07	7.99	6.94	6.48	6.48	6.94	7.99	10.07	14.38	19.69

Maintenance value, horizontal illuminance [lx] (Value chart)

	E_{av}	E_{min}	E_{max}	U_o (g_1)	g_2
Maintenance value, horizontal illuminance	9.84 lx	5.19 lx	19.7 lx	0.53	0.26

Bicycle lane (P3)

Results for valuation field

	Symbol	Calculated	Target	Check
Bicycle lane (P3)	E_{av}	13.22 lx	[7.50 - 11.25] lx	✓
	E_{min}	7.18 lx	≥ 1.50 lx	✓

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g.

Bicycle lane (P3)

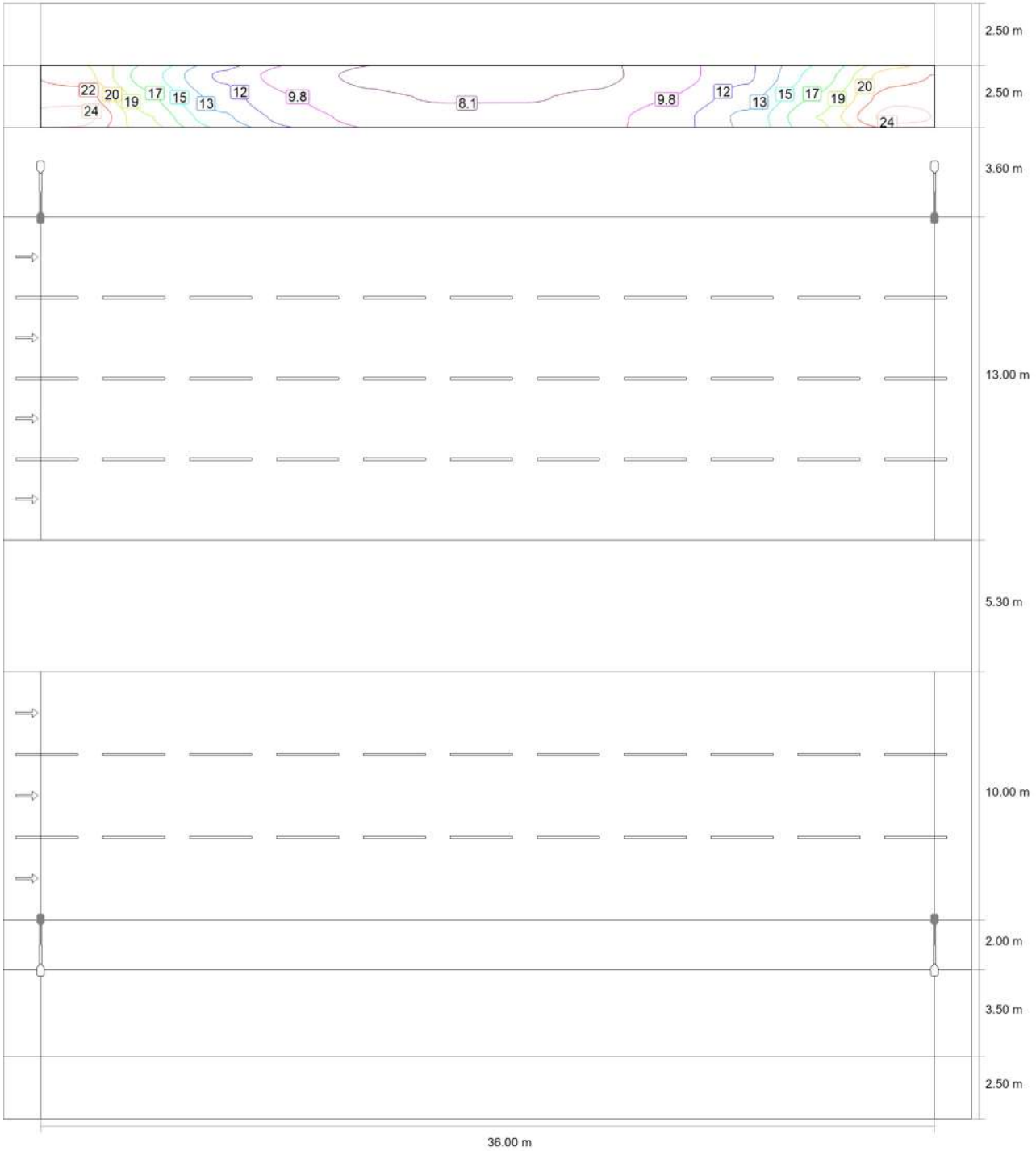
m	1.500	4.500	7.500	10.500	13.500	16.500	19.500	22.500	25.500	28.500	31.500	34.500
41.983	21.57	15.91	11.30	8.90	7.66	7.18	7.18	7.66	8.90	11.30	15.91	21.57
41.150	23.34	17.39	12.53	9.83	8.39	7.92	7.92	8.39	9.83	12.53	17.39	23.34
40.317	24.93	18.80	13.74	10.76	9.18	8.69	8.69	9.18	10.76	13.74	18.80	24.93

Maintenance value, horizontal illuminance [lx] (Value chart)

	E_{av}	E_{min}	E_{max}	U_o (g_1)	g_2
Maintenance value, horizontal illuminance	13.2 lx	7.18 lx	24.9 lx	0.54	0.29

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g.

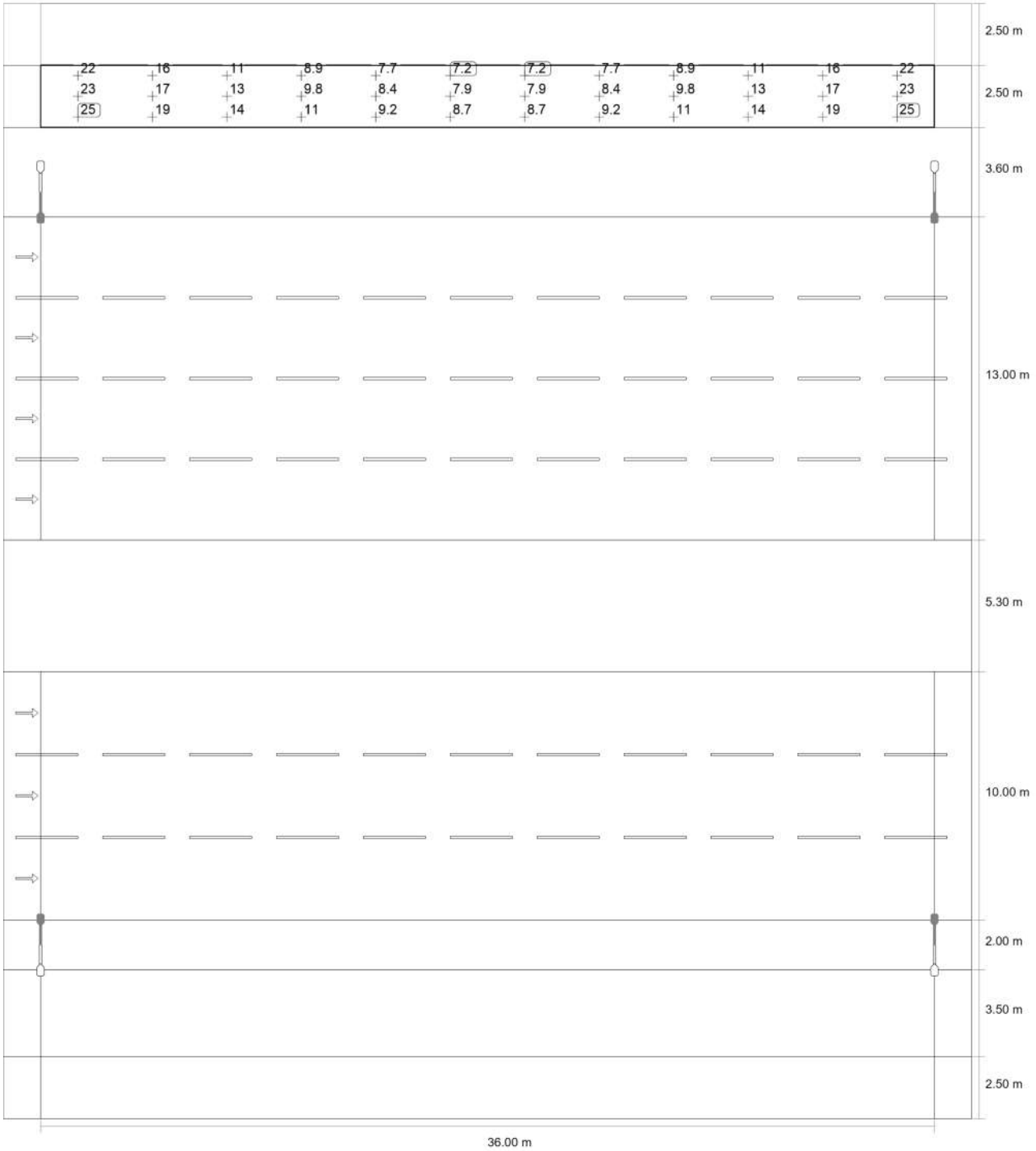
Bicycle lane (P3)



Maintenance value, horizontal illuminance [lx] (Iso-illuminance curves)

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g.

Bicycle lane (P3)



Maintenance value, horizontal illuminance [lx] (Value grid)

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g.

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g. (M3)

Results for valuation field

	Symbol	Calculated	Target	Check
Taikos pr. atkarpa nuo Kauno g. iki Dubysos g. (M3)	L_{av}	1.01 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.59	≥ 0.40	✓
	U_l	0.69	≥ 0.60	✓
	TI	11 %	≤ 15 %	✓
	R_{EI}	0.91	≥ 0.30	✓

Results for observer

	Symbol	Calculated	Target	Check
Observer 1 Position: -60.000 m, 24.925 m, 1.500 m	L_{av}	1.13 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.59	≥ 0.40	✓
	U_l	0.72	≥ 0.60	✓
	TI	5 %	≤ 15 %	✓
Observer 2 Position: -60.000 m, 28.175 m, 1.500 m	L_{av}	1.10 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.61	≥ 0.40	✓
	U_l	0.82	≥ 0.60	✓
	TI	7 %	≤ 15 %	✓
Observer 3 Position: -60.000 m, 31.425 m, 1.500 m	L_{av}	1.06 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.63	≥ 0.40	✓
	U_l	0.82	≥ 0.60	✓
	TI	9 %	≤ 15 %	✓

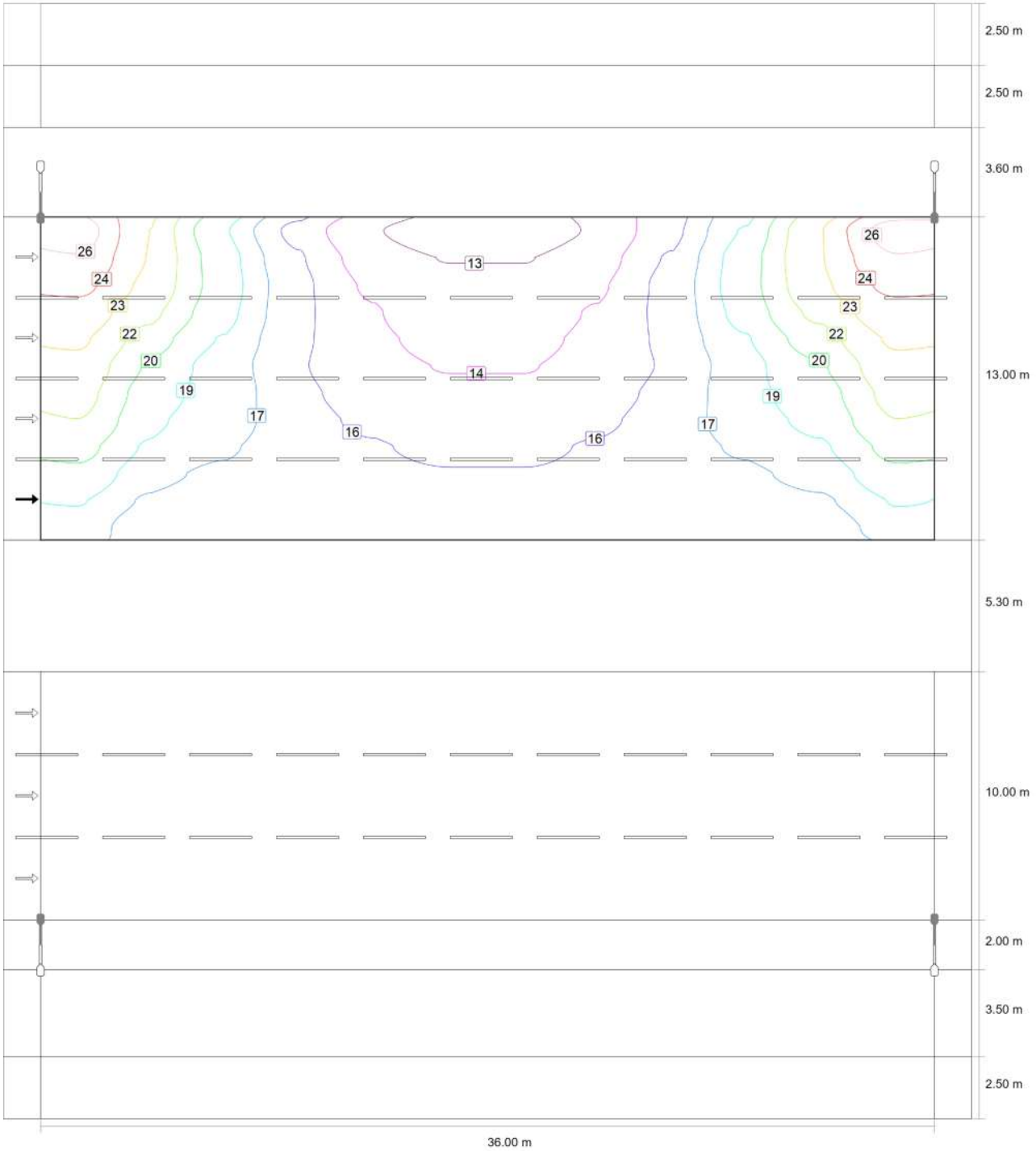
Taikos pr. atkarpa nuo Kauno g. iki Dubysos g.

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g. (M3)

	Symbol	Calculated	Target	Check
Observer 4 Position: -60.000 m, 34.675 m, 1.500 m	L_{av}	1.01 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.67	≥ 0.40	✓
	U_l	0.69	≥ 0.60	✓
	TI	11 %	≤ 15 %	✓

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g.

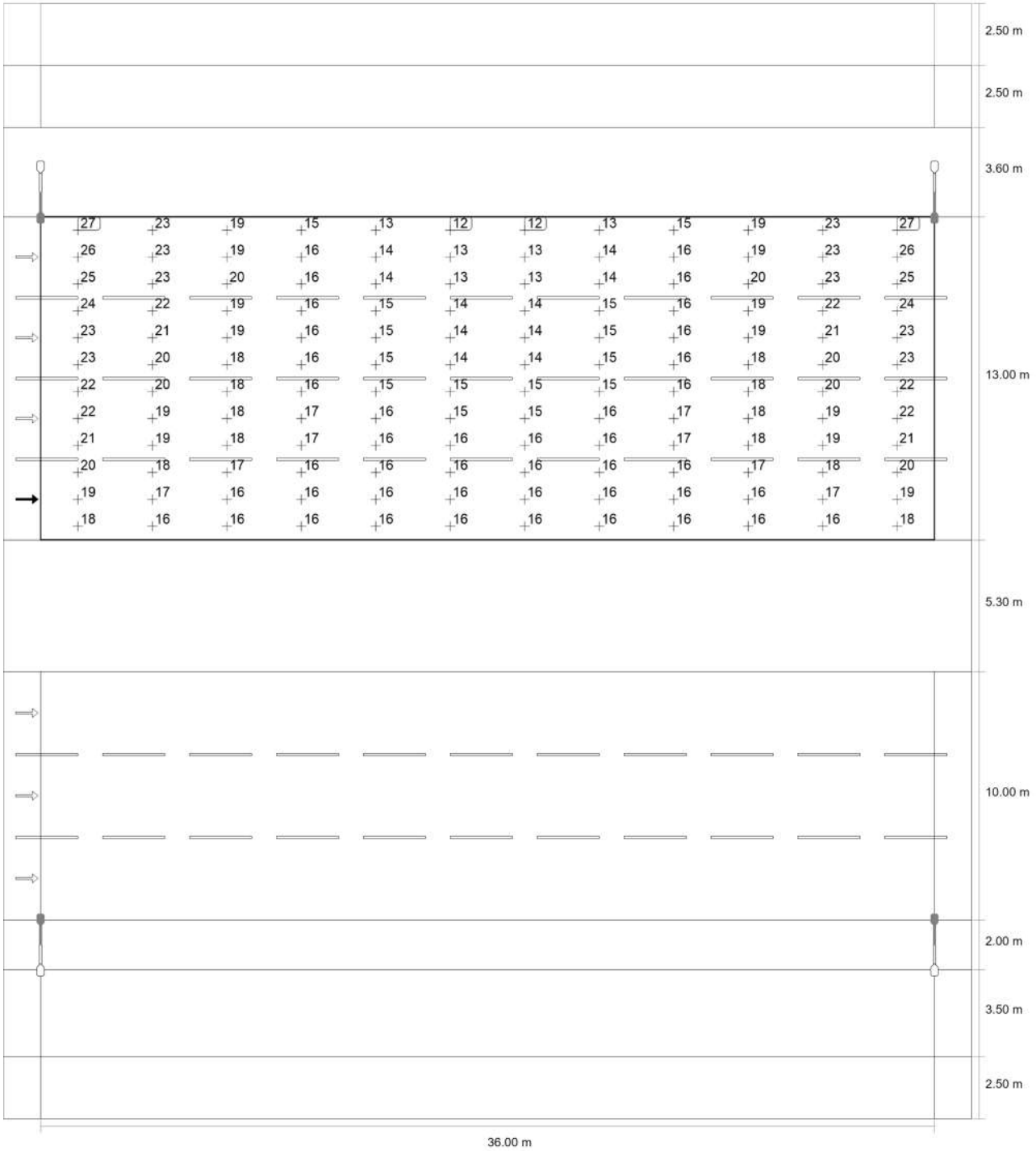
Taikos pr. atkarpa nuo Kauno g. iki Dubysos g. (M3)



Maintenance value, horizontal illuminance [lx] (Iso-illuminance curves)

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g.

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g. (M3)



Maintenance value, horizontal illuminance [lx] (Value grid)

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g.

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g. (M3)

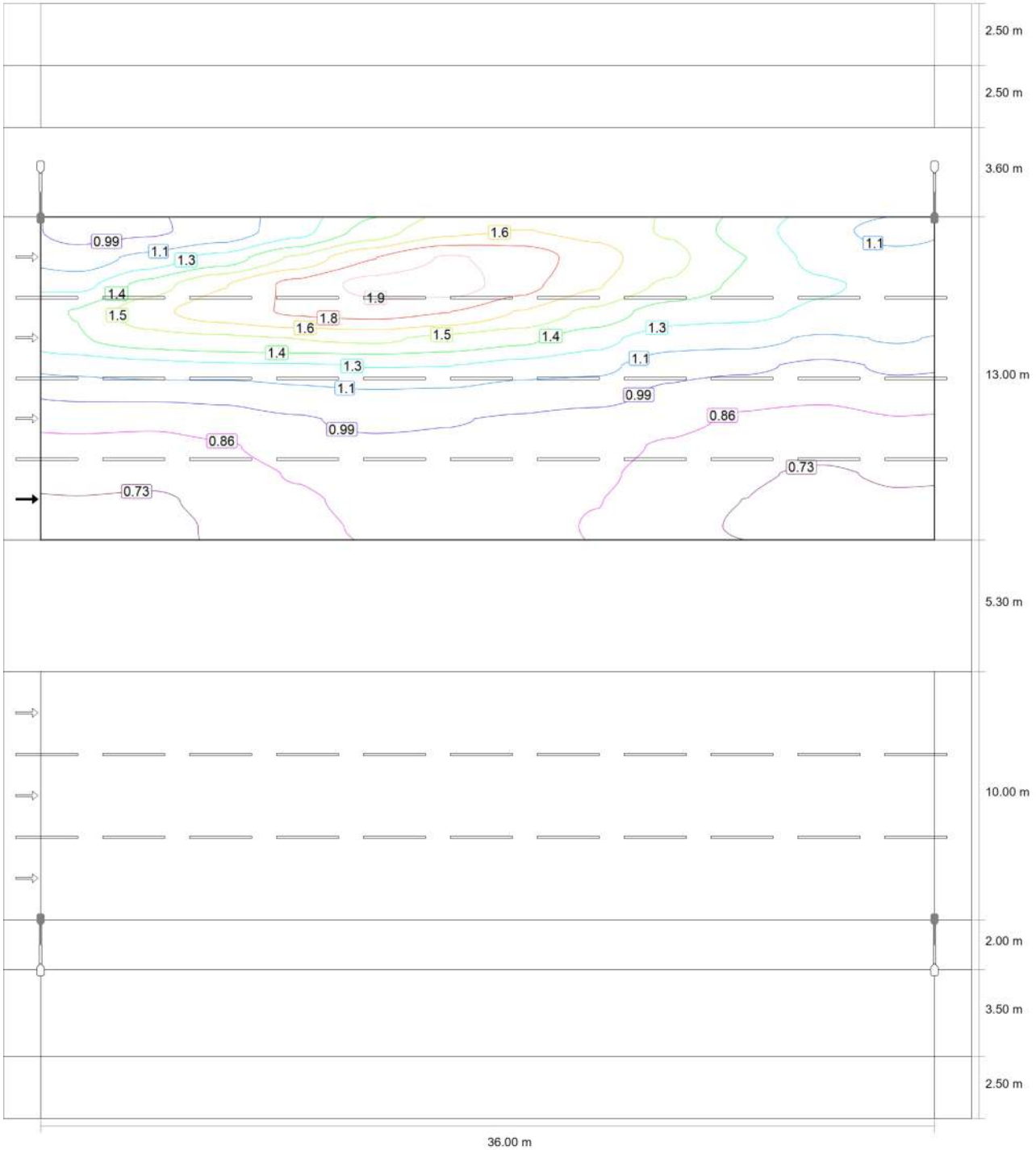
m	1.500	4.500	7.500	10.500	13.500	16.500	19.500	22.500	25.500	28.500	31.500	34.500
35.758	26.55	22.97	18.88	15.47	13.17	12.34	12.34	13.17	15.47	18.88	22.97	26.55
34.675	25.71	22.93	19.44	16.04	13.81	13.00	13.00	13.81	16.04	19.44	22.93	25.71
33.592	24.76	22.66	19.54	16.34	14.25	13.47	13.47	14.25	16.34	19.54	22.66	24.76
32.508	23.83	21.93	19.24	16.32	14.56	13.88	13.88	14.56	16.32	19.24	21.93	23.83
31.425	23.17	20.92	18.63	16.22	14.70	14.19	14.19	14.70	16.22	18.63	20.92	23.17
30.342	22.60	20.01	18.20	16.05	14.90	14.42	14.42	14.90	16.05	18.20	20.01	22.60
29.258	22.05	19.51	18.19	16.30	15.21	14.74	14.74	15.21	16.30	18.19	19.51	22.05
28.175	21.57	19.07	18.00	16.55	15.59	15.18	15.18	15.59	16.55	18.00	19.07	21.57
27.092	20.59	18.55	17.52	16.60	16.01	15.60	15.60	16.01	16.60	17.52	18.55	20.59
26.008	19.79	17.85	17.00	16.45	16.20	15.98	15.98	16.20	16.45	17.00	17.85	19.79
24.925	18.82	17.08	16.47	16.19	16.18	16.32	16.32	16.18	16.19	16.47	17.08	18.82
23.842	18.02	16.43	15.98	15.95	16.17	16.47	16.47	16.17	15.95	15.98	16.43	18.02

Maintenance value, horizontal illuminance [lx] (Value chart)

	E_{av}	E_{min}	E_{max}	U_o (g_1)	g_2
Maintenance value, horizontal illuminance	17.7 lx	12.3 lx	26.6 lx	0.70	0.46

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g.

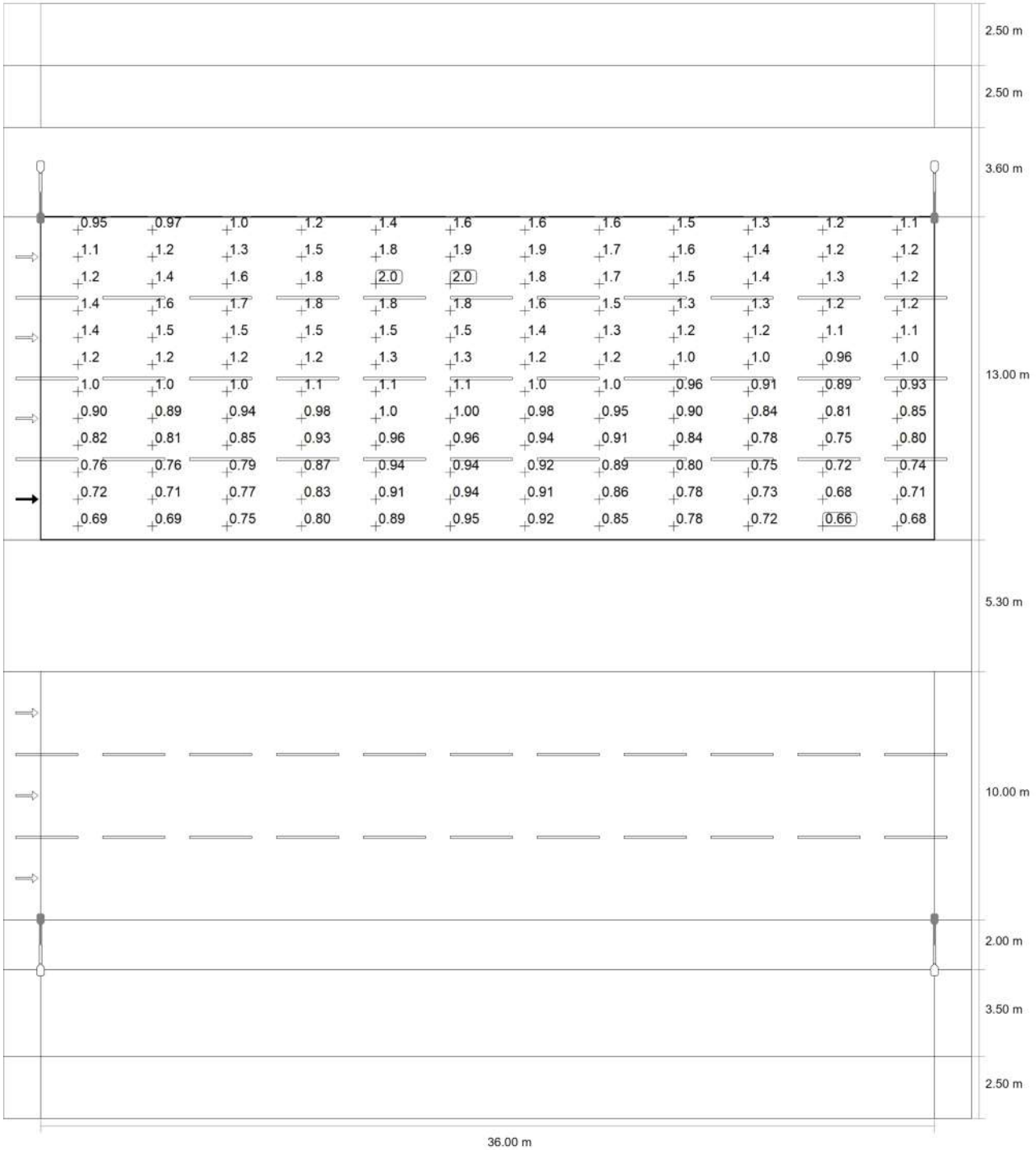
Taikos pr. atkarpa nuo Kauno g. iki Dubysos g. (M3)



Observer 1: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g.

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g. (M3)



Observer 1: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g.

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g. (M3)

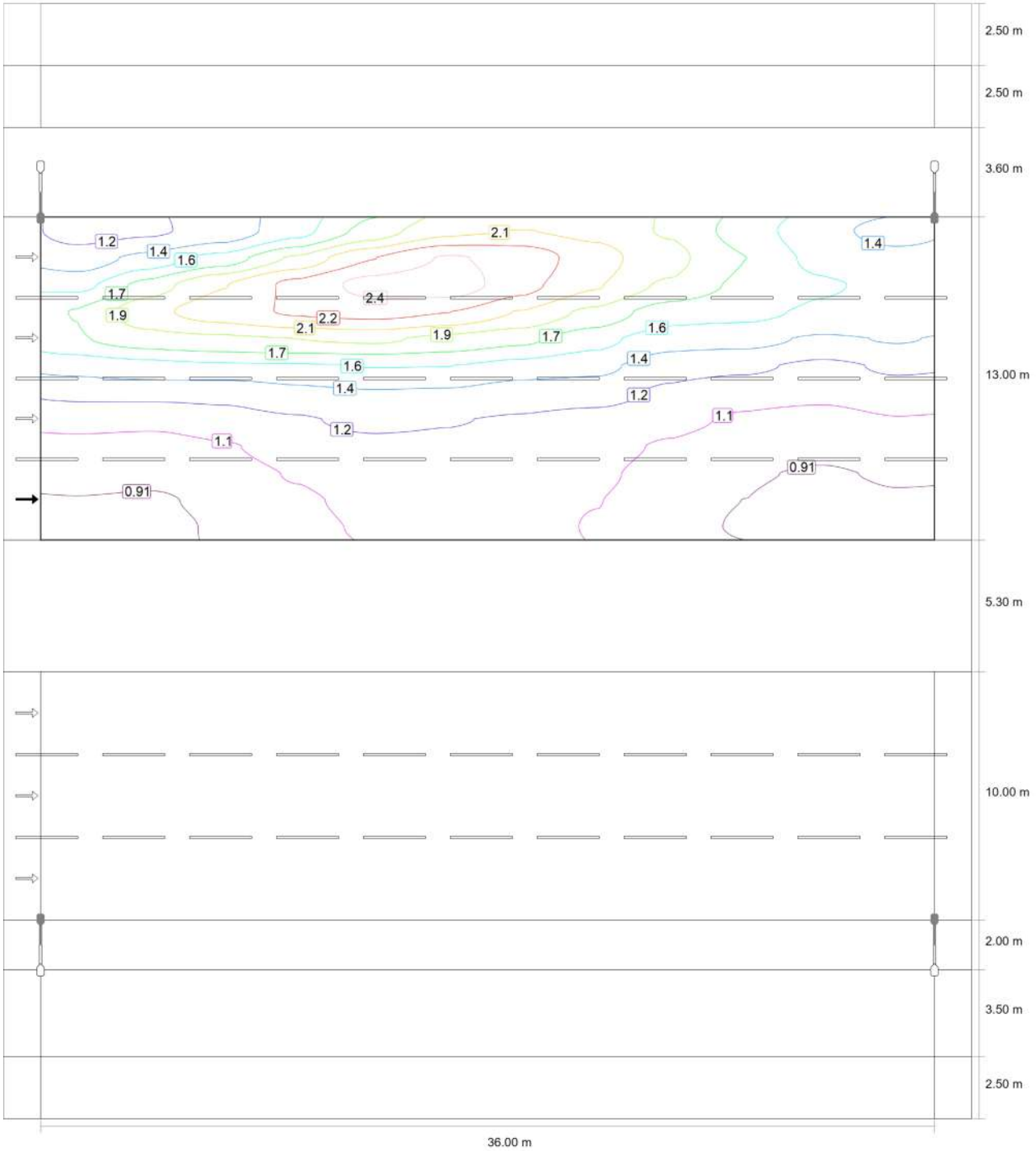
m	1.500	4.500	7.500	10.500	13.500	16.500	19.500	22.500	25.500	28.500	31.500	34.500
35.758	0.95	0.97	1.04	1.21	1.43	1.61	1.65	1.61	1.50	1.33	1.17	1.08
34.675	1.06	1.17	1.31	1.54	1.78	1.92	1.86	1.70	1.56	1.38	1.22	1.16
33.592	1.22	1.44	1.64	1.81	1.95	1.97	1.83	1.66	1.49	1.36	1.26	1.24
32.508	1.39	1.60	1.71	1.79	1.82	1.78	1.64	1.48	1.31	1.29	1.23	1.23
31.425	1.37	1.45	1.48	1.52	1.54	1.47	1.41	1.30	1.18	1.16	1.10	1.13
30.342	1.16	1.20	1.23	1.24	1.26	1.26	1.20	1.16	1.04	1.02	0.96	1.01
29.258	1.02	1.02	1.02	1.08	1.11	1.10	1.04	1.04	0.96	0.91	0.89	0.93
28.175	0.90	0.89	0.94	0.98	1.02	1.00	0.98	0.95	0.90	0.84	0.81	0.85
27.092	0.82	0.81	0.85	0.93	0.96	0.96	0.94	0.91	0.84	0.78	0.75	0.80
26.008	0.76	0.76	0.79	0.87	0.94	0.94	0.92	0.89	0.80	0.75	0.72	0.74
24.925	0.72	0.71	0.77	0.83	0.91	0.94	0.91	0.86	0.78	0.73	0.68	0.71
23.842	0.69	0.69	0.75	0.80	0.89	0.95	0.92	0.85	0.78	0.72	0.66	0.68

Observer 1: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 1: Maintenance value, luminance with dry roadway	1.13 cd/m²	0.66 cd/m²	1.97 cd/m²	0.59	0.34

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g.

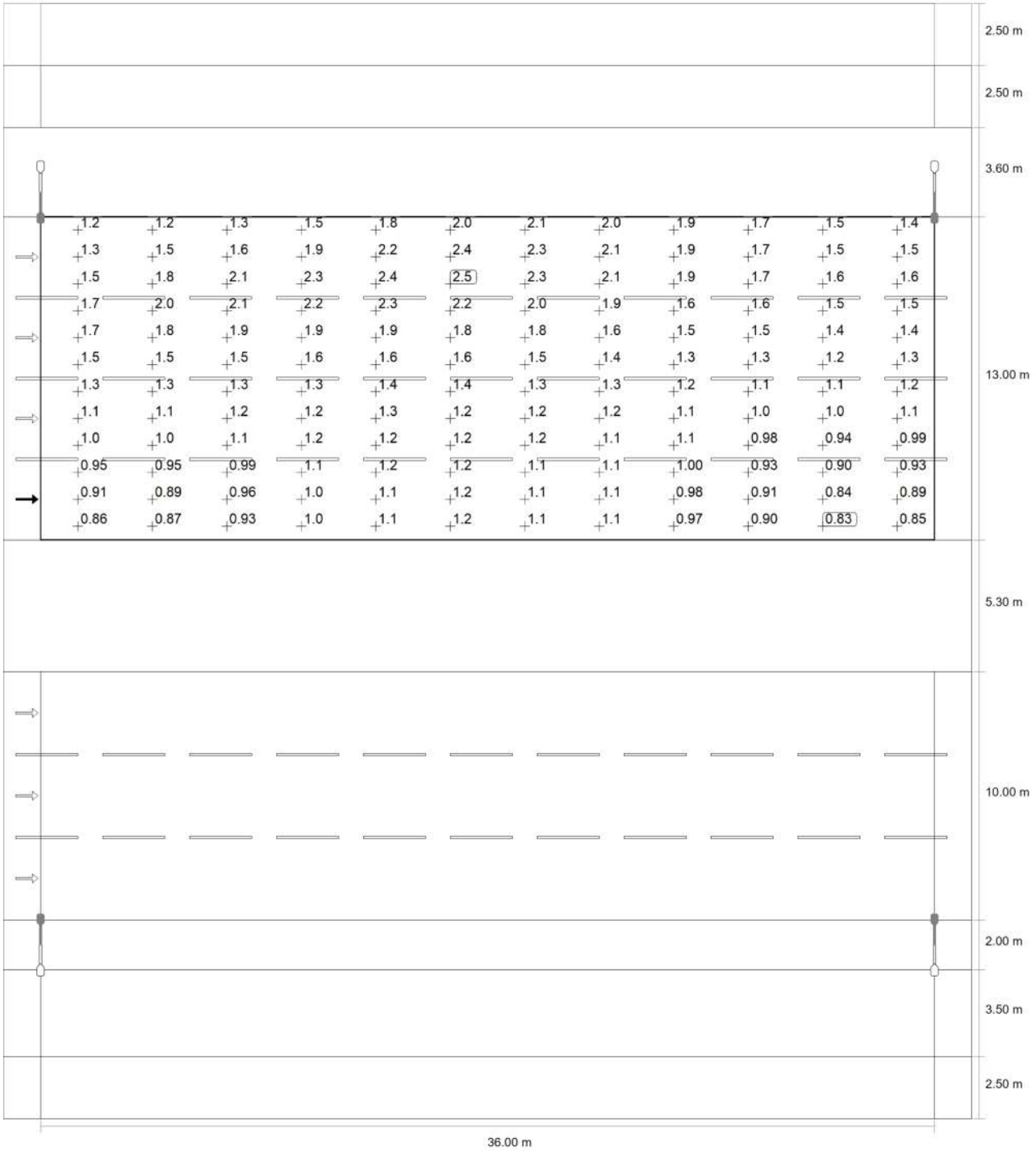
Taikos pr. atkarpa nuo Kauno g. iki Dubysos g. (M3)



Observer 1: Luminance with new installation [cd/m²] (Iso-illuminance curves)

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g.

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g. (M3)



Observer 1: Luminance with new installation [cd/m²] (Value grid)

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g.

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g. (M3)

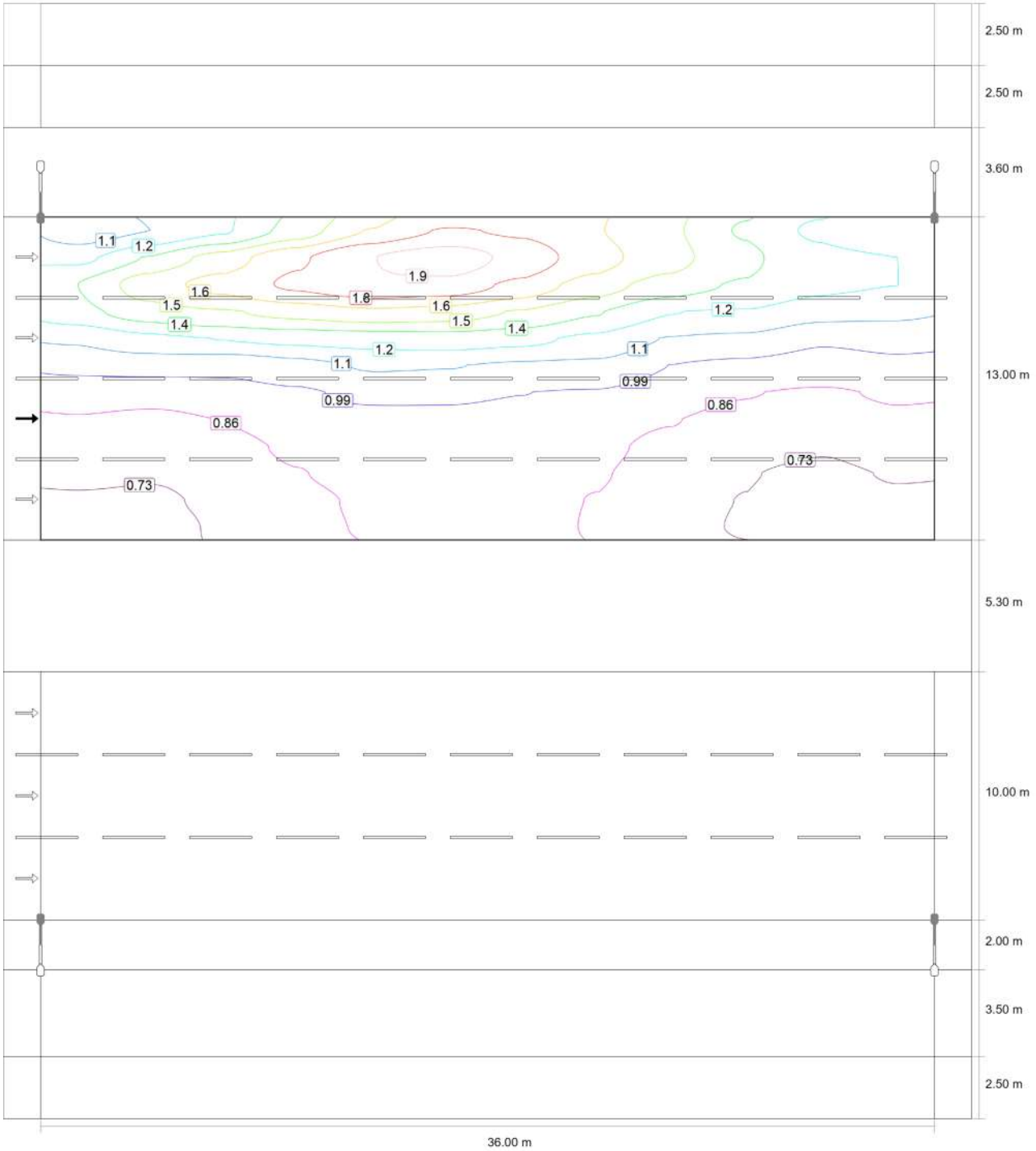
m	1.500	4.500	7.500	10.500	13.500	16.500	19.500	22.500	25.500	28.500	31.500	34.500
35.758	1.19	1.22	1.30	1.51	1.79	2.01	2.06	2.01	1.87	1.66	1.47	1.35
34.675	1.32	1.46	1.64	1.93	2.22	2.40	2.32	2.13	1.95	1.73	1.53	1.45
33.592	1.52	1.80	2.05	2.26	2.44	2.47	2.28	2.07	1.86	1.70	1.58	1.55
32.508	1.74	2.00	2.14	2.24	2.28	2.22	2.05	1.85	1.64	1.61	1.54	1.54
31.425	1.71	1.81	1.85	1.90	1.92	1.84	1.77	1.62	1.47	1.45	1.38	1.42
30.342	1.45	1.51	1.54	1.55	1.57	1.57	1.50	1.45	1.30	1.27	1.21	1.26
29.258	1.28	1.28	1.28	1.35	1.39	1.38	1.31	1.30	1.20	1.14	1.11	1.16
28.175	1.12	1.12	1.17	1.22	1.27	1.25	1.22	1.19	1.13	1.05	1.01	1.07
27.092	1.03	1.01	1.06	1.16	1.20	1.20	1.17	1.14	1.05	0.98	0.94	0.99
26.008	0.95	0.95	0.99	1.09	1.17	1.18	1.15	1.11	1.00	0.93	0.90	0.93
24.925	0.91	0.89	0.96	1.04	1.13	1.18	1.14	1.08	0.98	0.91	0.84	0.89
23.842	0.86	0.87	0.93	1.00	1.11	1.18	1.15	1.06	0.97	0.90	0.83	0.85

Observer 1: Luminance with new installation [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 1: Luminance with new installation	1.41 cd/m²	0.83 cd/m²	2.47 cd/m²	0.59	0.34

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g.

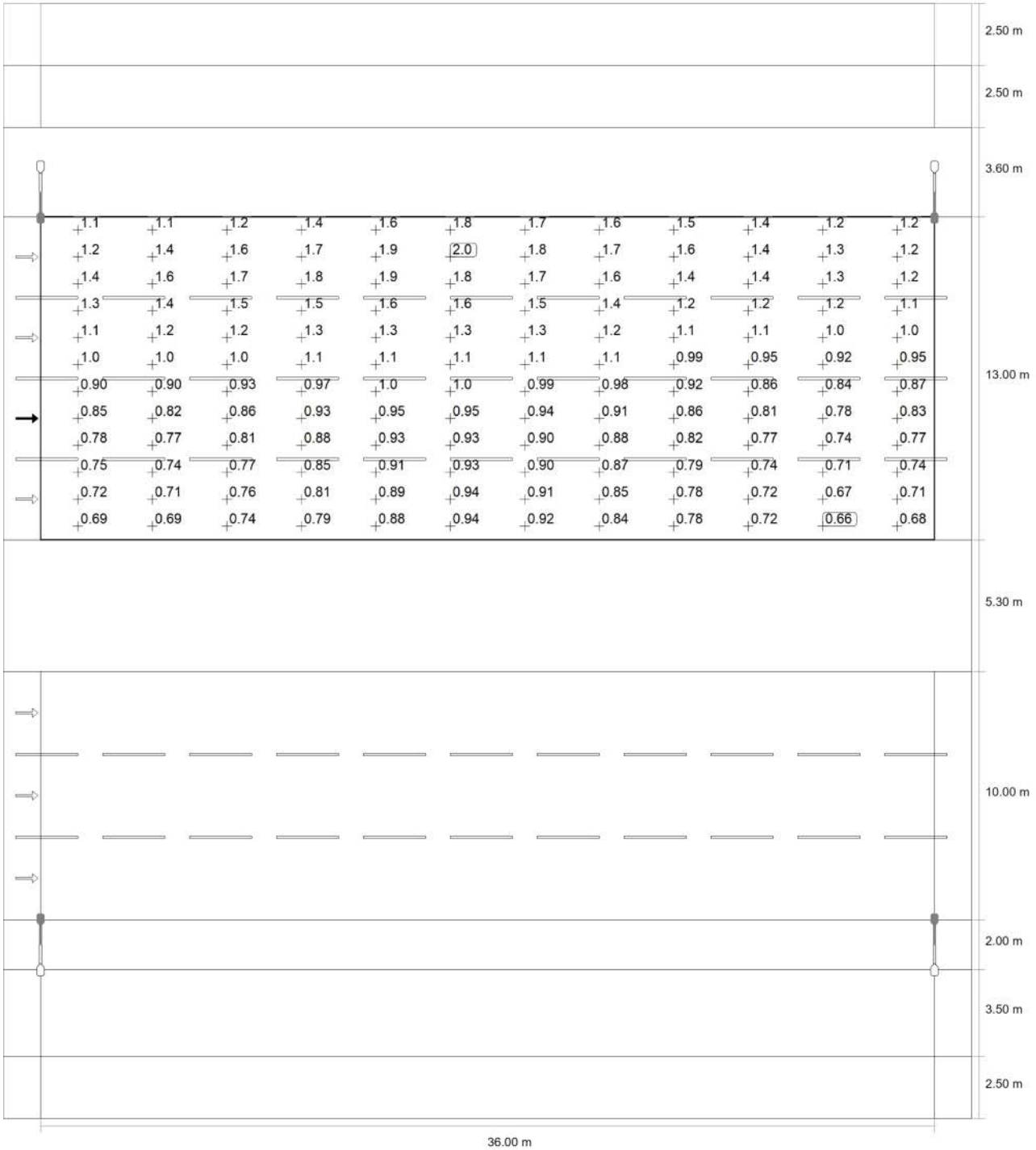
Taikos pr. atkarpa nuo Kauno g. iki Dubysos g. (M3)



Observer 2: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g.

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g. (M3)



Observer 2: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g.

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g. (M3)

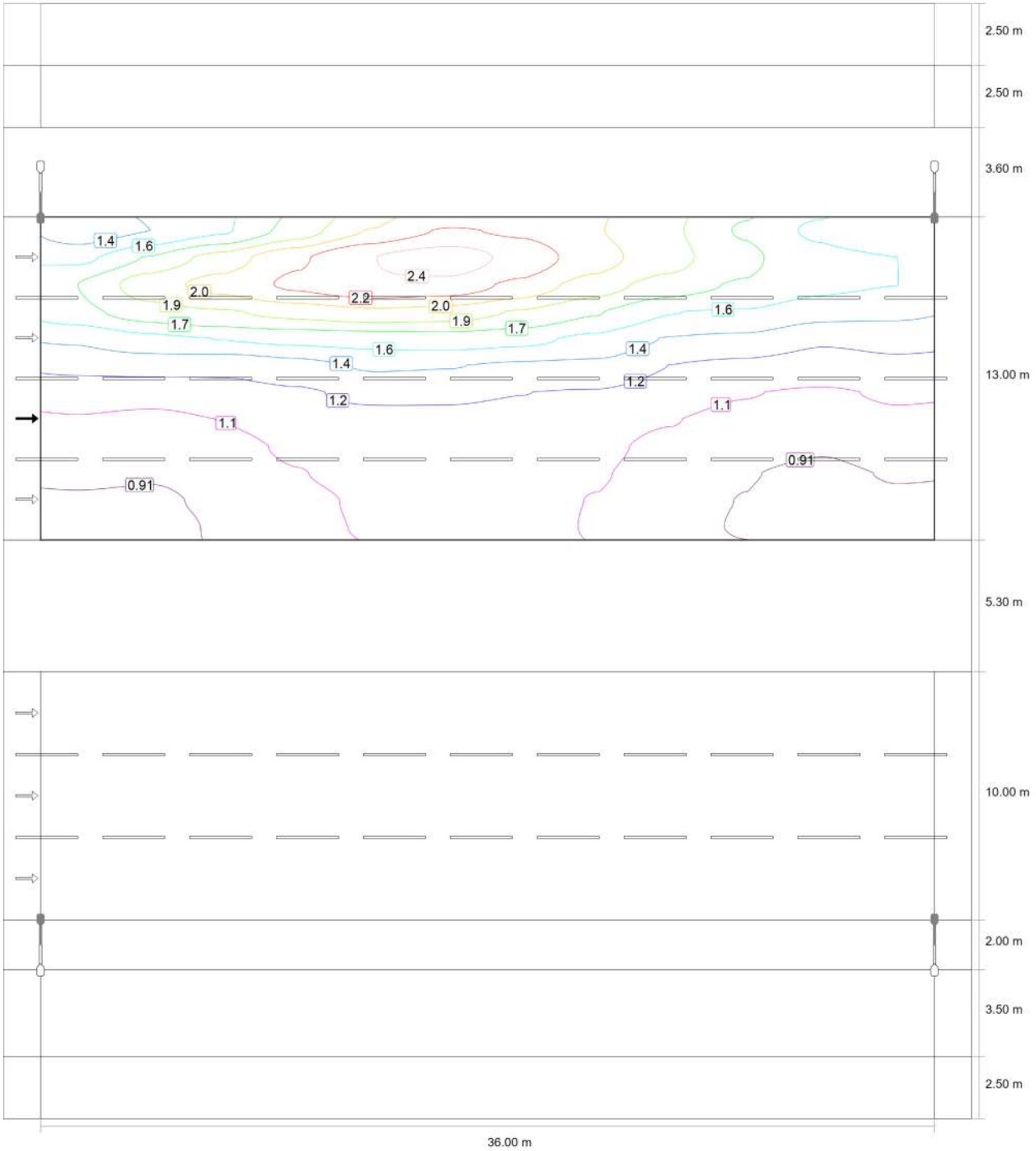
m	1.500	4.500	7.500	10.500	13.500	16.500	19.500	22.500	25.500	28.500	31.500	34.500
35.758	1.05	1.12	1.23	1.43	1.64	1.78	1.74	1.64	1.53	1.36	1.22	1.16
34.675	1.21	1.39	1.56	1.74	1.89	1.96	1.85	1.69	1.55	1.41	1.28	1.25
33.592	1.37	1.57	1.67	1.79	1.86	1.84	1.72	1.57	1.44	1.36	1.28	1.25
32.508	1.33	1.44	1.49	1.55	1.60	1.57	1.49	1.38	1.25	1.23	1.16	1.14
31.425	1.13	1.21	1.25	1.28	1.29	1.31	1.28	1.21	1.11	1.08	1.00	1.02
30.342	1.02	1.03	1.02	1.07	1.13	1.12	1.09	1.08	0.99	0.95	0.92	0.95
29.258	0.90	0.90	0.93	0.97	1.02	1.01	0.99	0.98	0.92	0.86	0.84	0.87
28.175	0.85	0.82	0.86	0.93	0.95	0.95	0.94	0.91	0.86	0.81	0.78	0.83
27.092	0.78	0.77	0.81	0.88	0.93	0.93	0.90	0.88	0.82	0.77	0.74	0.77
26.008	0.75	0.74	0.77	0.85	0.91	0.93	0.90	0.87	0.79	0.74	0.71	0.74
24.925	0.72	0.71	0.76	0.81	0.89	0.94	0.91	0.85	0.78	0.72	0.67	0.71
23.842	0.69	0.69	0.74	0.79	0.88	0.94	0.92	0.84	0.78	0.72	0.66	0.68

Observer 2: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 2: Maintenance value, luminance with dry roadway	1.10 cd/m²	0.66 cd/m²	1.96 cd/m²	0.61	0.34

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g.

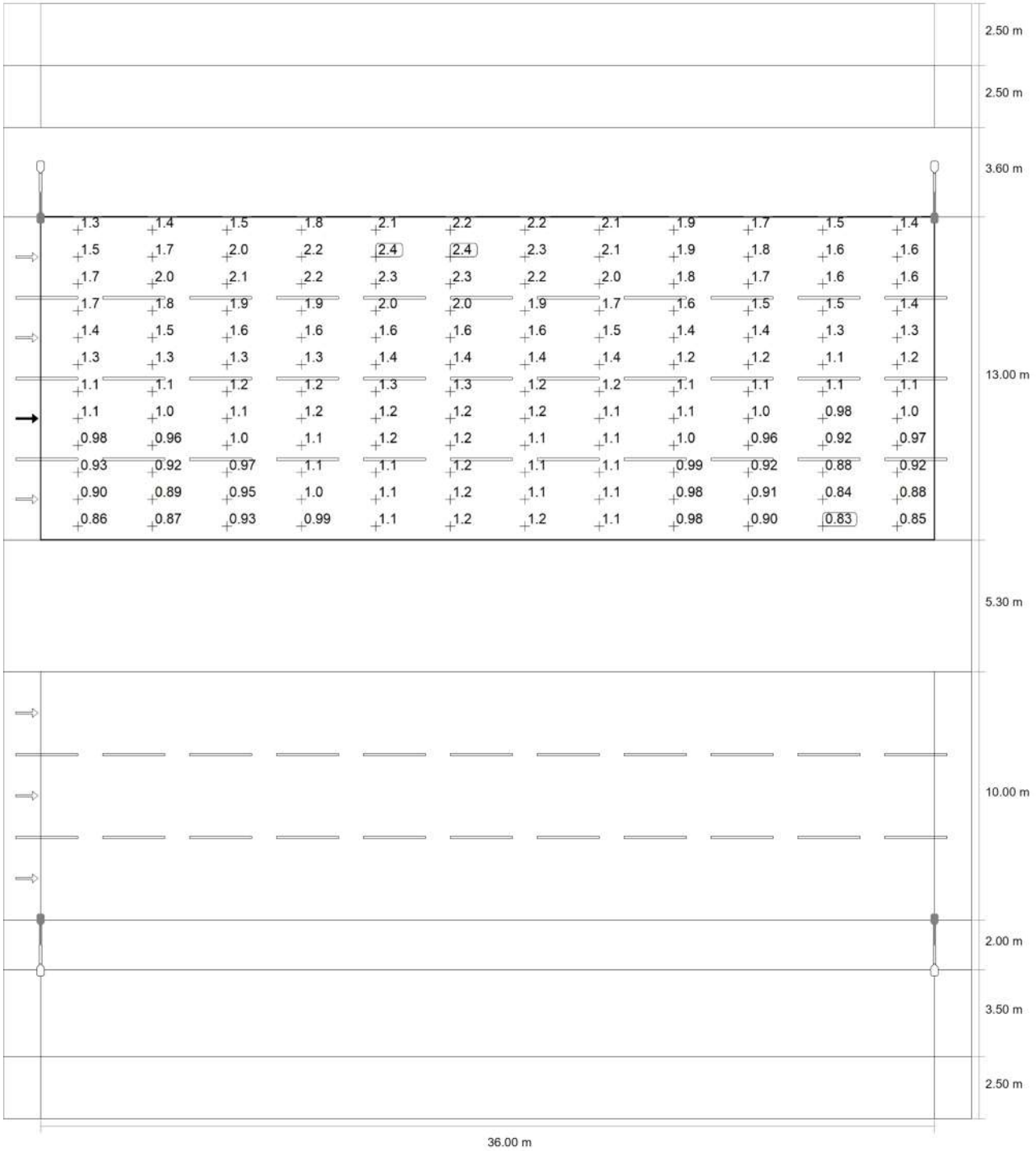
Taikos pr. atkarpa nuo Kauno g. iki Dubysos g. (M3)



Observer 2: Luminance with new installation [cd/m²] (Iso-illuminance curves)

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g.

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g. (M3)



Observer 2: Luminance with new installation [cd/m²] (Value grid)

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g.

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g. (M3)

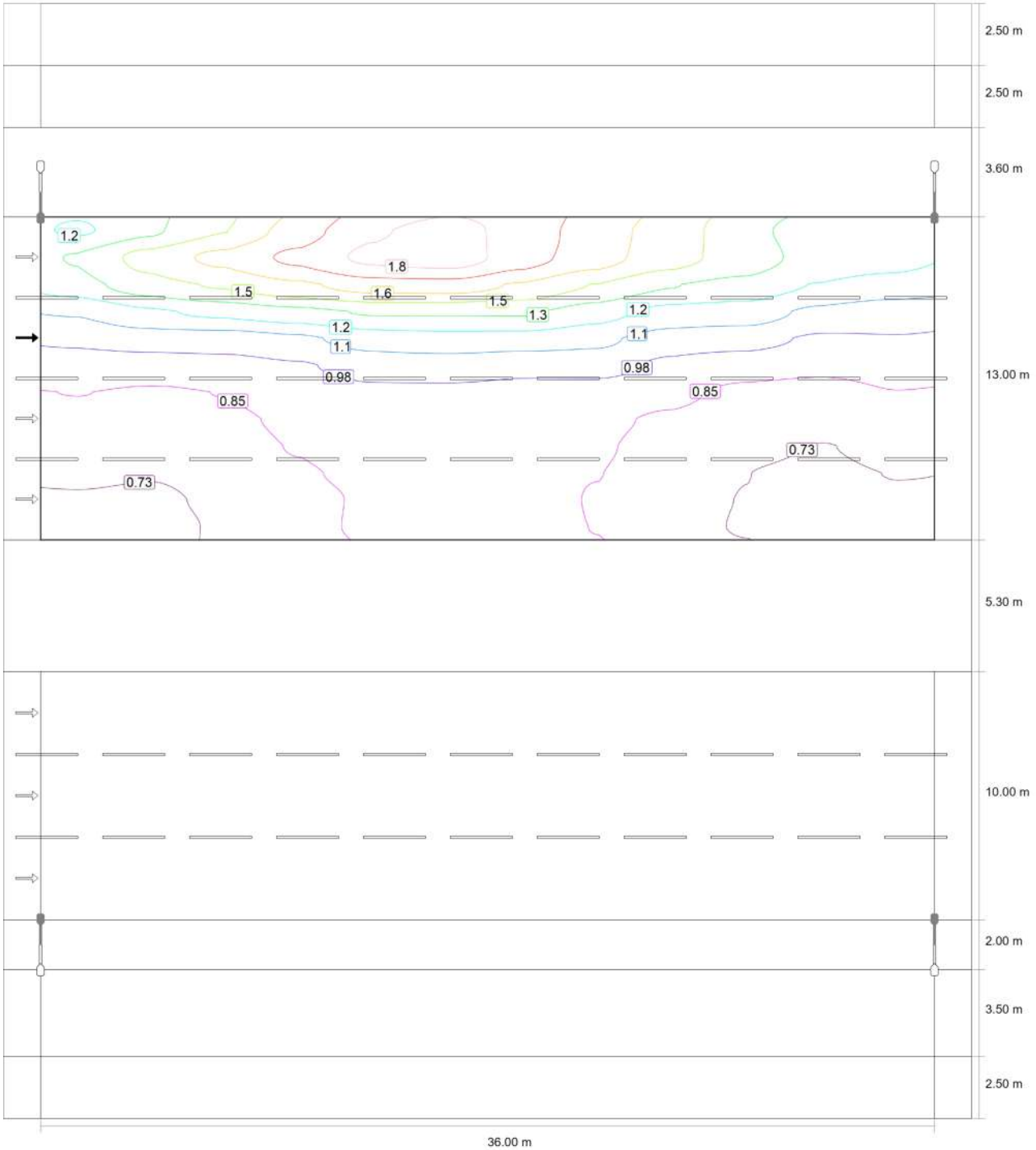
m	1.500	4.500	7.500	10.500	13.500	16.500	19.500	22.500	25.500	28.500	31.500	34.500
35.758	1.31	1.40	1.54	1.79	2.06	2.22	2.18	2.05	1.91	1.70	1.53	1.45
34.675	1.52	1.73	1.95	2.18	2.36	2.45	2.31	2.11	1.94	1.76	1.60	1.56
33.592	1.72	1.96	2.09	2.24	2.33	2.31	2.15	1.96	1.81	1.70	1.60	1.56
32.508	1.66	1.80	1.86	1.93	2.00	1.96	1.87	1.73	1.56	1.54	1.45	1.43
31.425	1.41	1.51	1.56	1.60	1.62	1.64	1.60	1.51	1.39	1.36	1.25	1.28
30.342	1.27	1.28	1.27	1.34	1.41	1.40	1.37	1.35	1.23	1.19	1.15	1.19
29.258	1.13	1.13	1.16	1.21	1.27	1.26	1.24	1.22	1.15	1.08	1.05	1.09
28.175	1.06	1.03	1.08	1.16	1.19	1.19	1.17	1.13	1.08	1.02	0.98	1.04
27.092	0.98	0.96	1.01	1.11	1.17	1.16	1.13	1.11	1.03	0.96	0.92	0.97
26.008	0.93	0.92	0.97	1.06	1.14	1.16	1.12	1.09	0.99	0.92	0.88	0.92
24.925	0.90	0.89	0.95	1.02	1.11	1.17	1.14	1.07	0.98	0.91	0.84	0.88
23.842	0.86	0.87	0.93	0.99	1.10	1.17	1.15	1.05	0.98	0.90	0.83	0.85

Observer 2: Luminance with new installation [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 2: Luminance with new installation	1.37 cd/m²	0.83 cd/m²	2.45 cd/m²	0.61	0.34

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g.

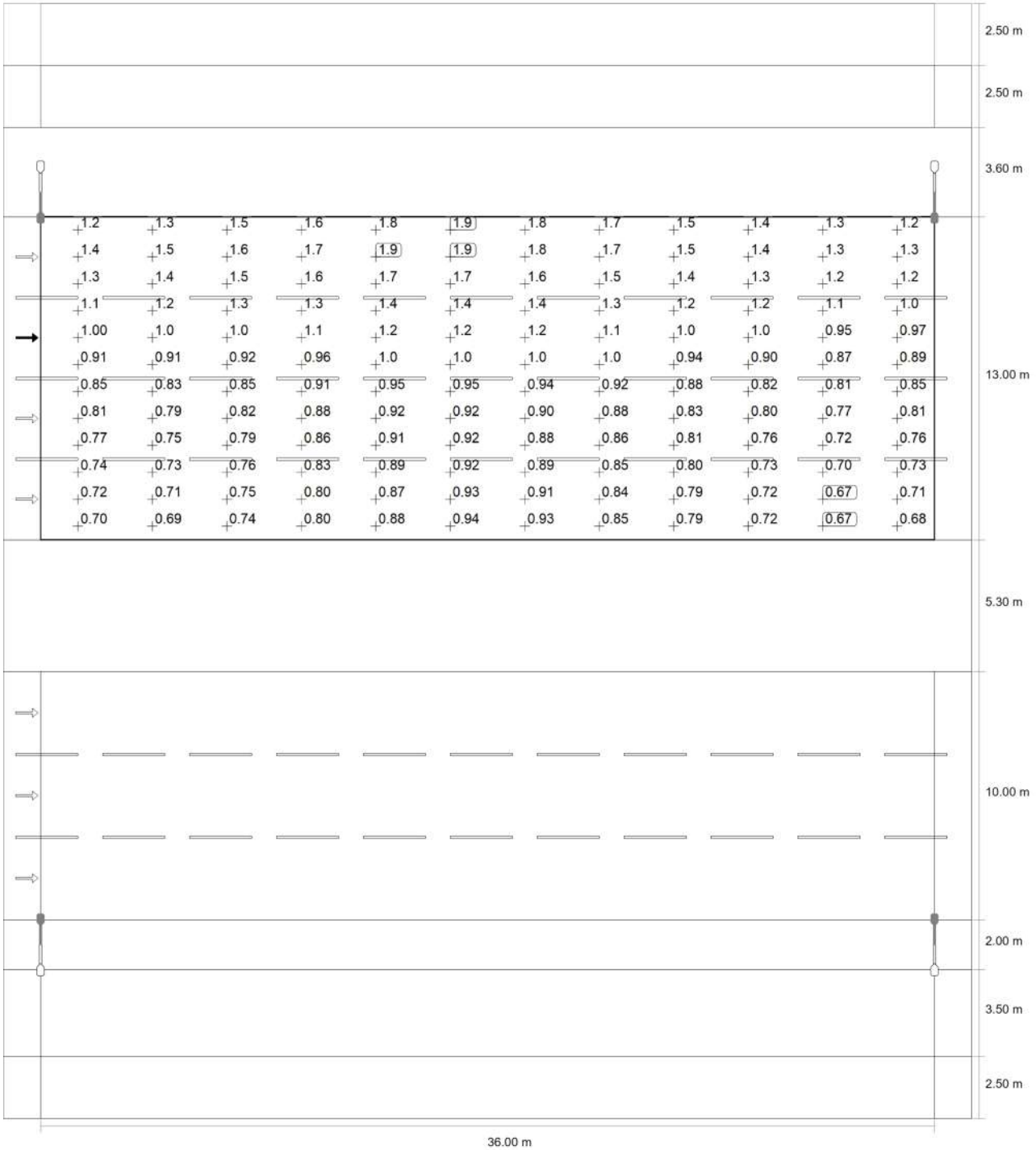
Taikos pr. atkarpa nuo Kauno g. iki Dubysos g. (M3)



Observer 3: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g.

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g. (M3)



Observer 3: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g.

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g. (M3)

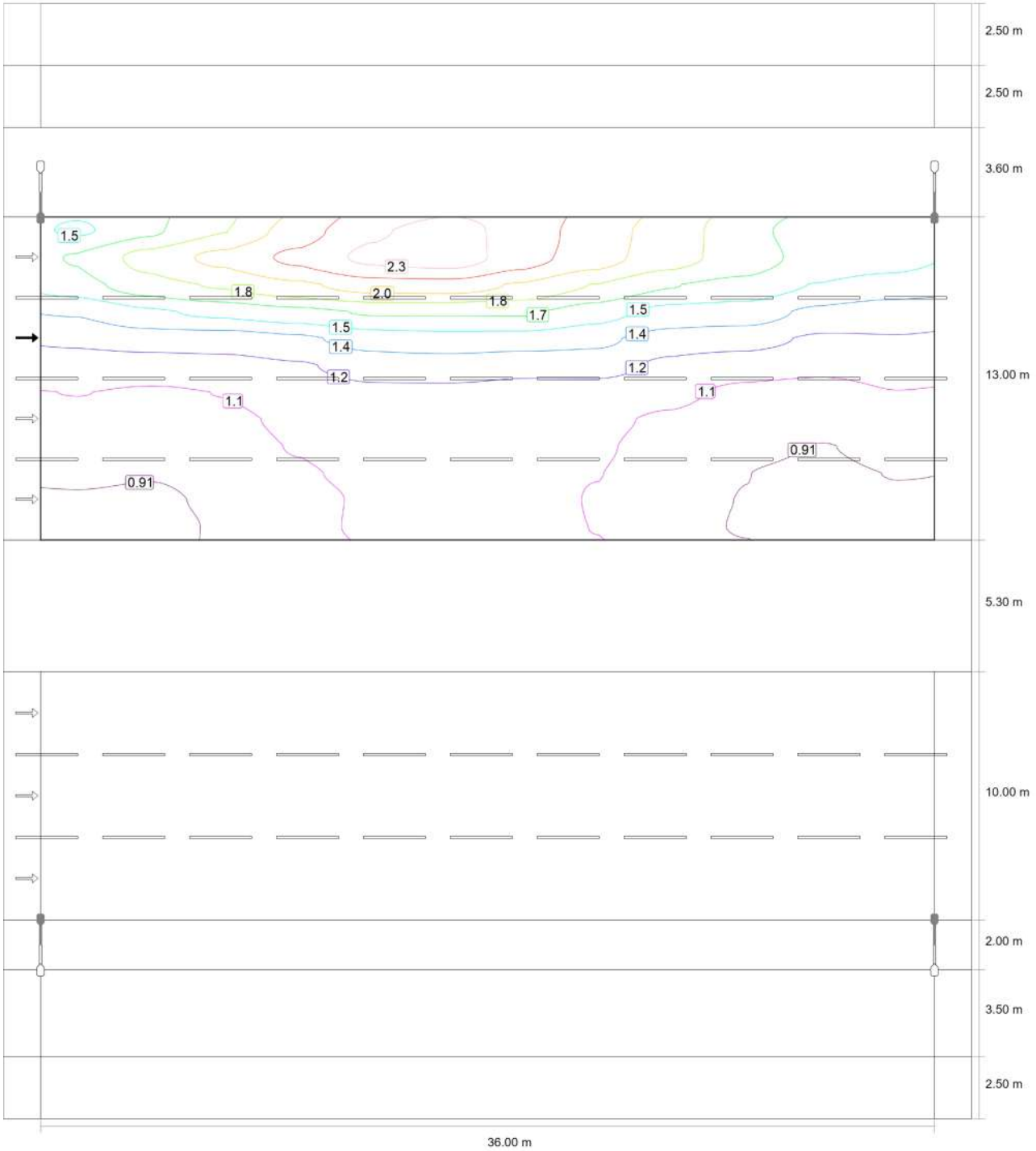
m	1.500	4.500	7.500	10.500	13.500	16.500	19.500	22.500	25.500	28.500	31.500	34.500
35.758	1.21	1.32	1.47	1.65	1.82	1.88	1.79	1.66	1.54	1.39	1.28	1.24
34.675	1.36	1.51	1.62	1.75	1.87	1.90	1.78	1.65	1.52	1.41	1.30	1.27
33.592	1.29	1.42	1.48	1.57	1.65	1.66	1.58	1.47	1.35	1.30	1.22	1.17
32.508	1.11	1.20	1.25	1.31	1.36	1.36	1.36	1.28	1.18	1.16	1.07	1.03
31.425	1.00	1.03	1.03	1.07	1.15	1.17	1.16	1.13	1.04	1.02	0.95	0.97
30.342	0.91	0.91	0.92	0.96	1.02	1.03	1.00	1.02	0.94	0.90	0.87	0.89
29.258	0.85	0.83	0.85	0.91	0.95	0.95	0.94	0.92	0.88	0.82	0.81	0.85
28.175	0.81	0.79	0.82	0.88	0.92	0.92	0.90	0.88	0.83	0.80	0.77	0.81
27.092	0.77	0.75	0.79	0.86	0.91	0.92	0.88	0.86	0.81	0.76	0.72	0.76
26.008	0.74	0.73	0.76	0.83	0.89	0.92	0.89	0.85	0.80	0.73	0.70	0.73
24.925	0.72	0.71	0.75	0.80	0.87	0.93	0.91	0.84	0.79	0.72	0.67	0.71
23.842	0.70	0.69	0.74	0.80	0.88	0.94	0.93	0.85	0.79	0.72	0.67	0.68

Observer 3: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 3: Maintenance value, luminance with dry roadway	1.06 cd/m²	0.67 cd/m²	1.90 cd/m²	0.63	0.35

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g.

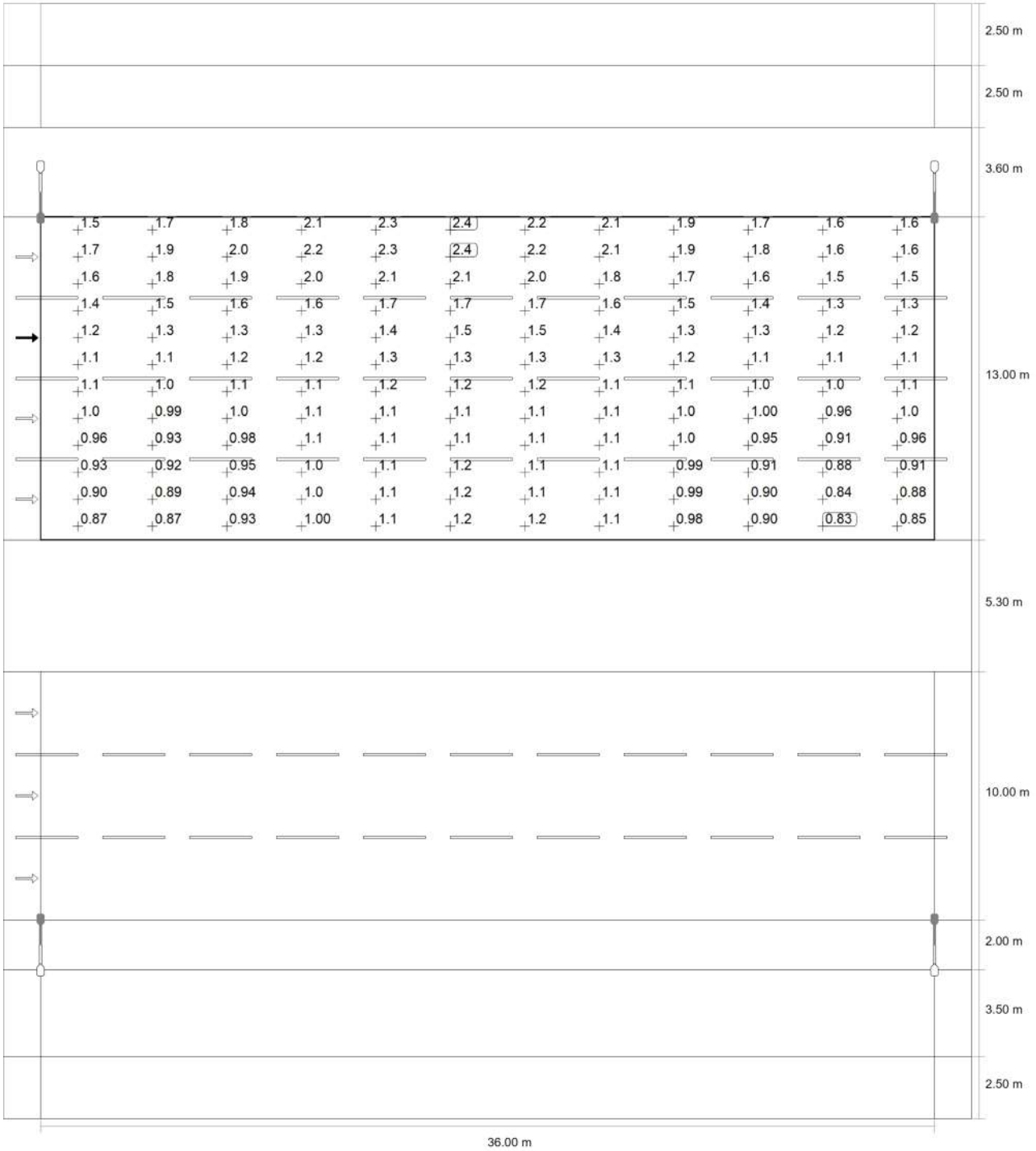
Taikos pr. atkarpa nuo Kauno g. iki Dubysos g. (M3)



Observer 3: Luminance with new installation [cd/m²] (Iso-illuminance curves)

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g.

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g. (M3)



Observer 3: Luminance with new installation [cd/m²] (Value grid)

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g.

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g. (M3)

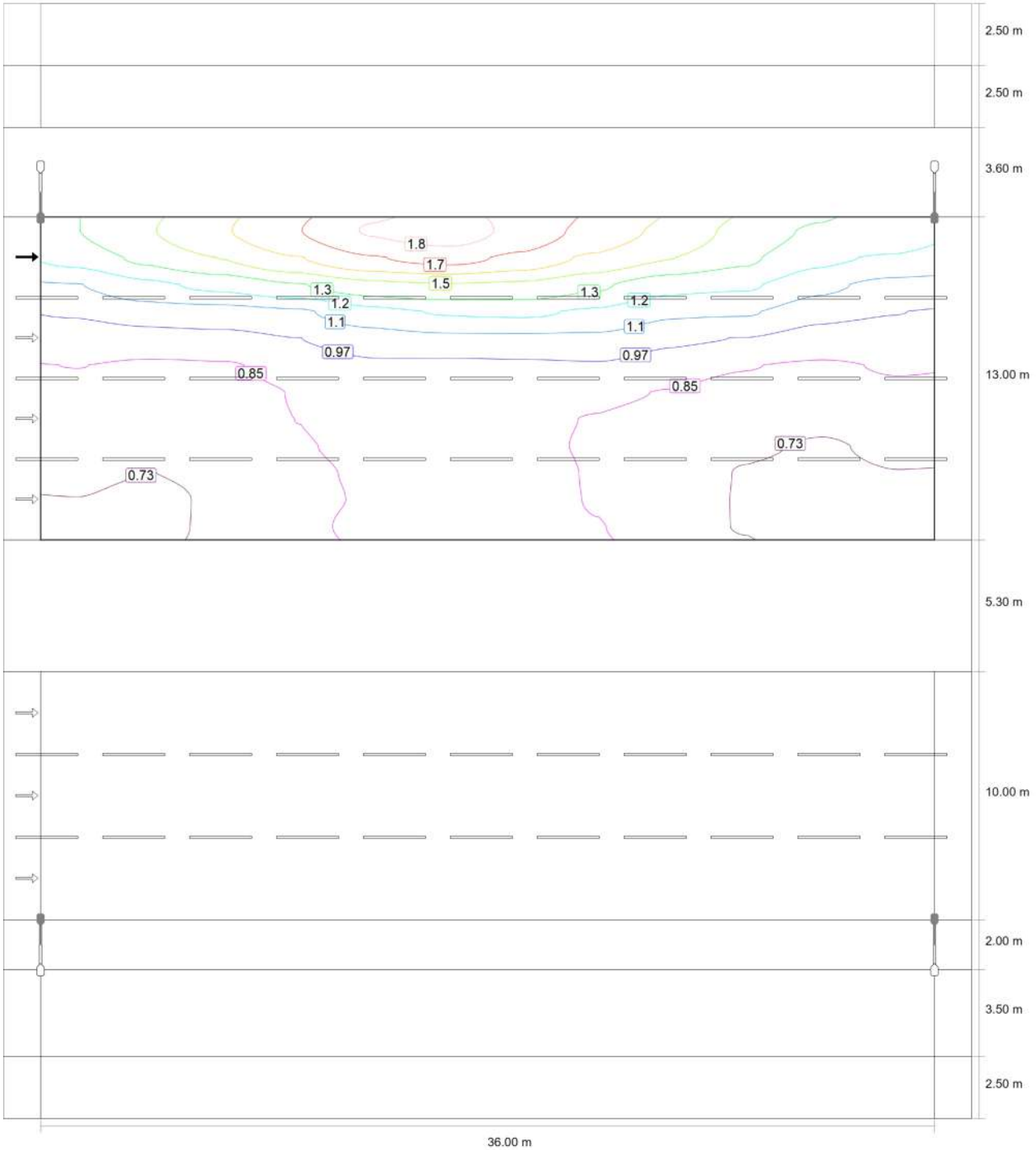
m	1.500	4.500	7.500	10.500	13.500	16.500	19.500	22.500	25.500	28.500	31.500	34.500
35.758	1.51	1.65	1.83	2.06	2.28	2.35	2.24	2.08	1.93	1.74	1.60	1.55
34.675	1.69	1.89	2.03	2.18	2.34	2.38	2.22	2.06	1.90	1.77	1.62	1.59
33.592	1.62	1.77	1.85	1.96	2.07	2.08	1.97	1.83	1.69	1.63	1.52	1.46
32.508	1.39	1.50	1.57	1.63	1.70	1.70	1.70	1.60	1.47	1.45	1.33	1.29
31.425	1.25	1.29	1.29	1.34	1.44	1.46	1.46	1.41	1.30	1.28	1.19	1.21
30.342	1.13	1.13	1.16	1.20	1.27	1.29	1.25	1.27	1.17	1.12	1.09	1.11
29.258	1.07	1.04	1.07	1.14	1.19	1.18	1.17	1.15	1.10	1.03	1.01	1.06
28.175	1.02	0.99	1.03	1.10	1.15	1.15	1.13	1.09	1.04	1.00	0.96	1.01
27.092	0.96	0.93	0.98	1.08	1.13	1.15	1.10	1.08	1.01	0.95	0.91	0.96
26.008	0.93	0.92	0.95	1.04	1.11	1.16	1.11	1.07	0.99	0.91	0.88	0.91
24.925	0.90	0.89	0.94	1.00	1.09	1.16	1.14	1.05	0.99	0.90	0.84	0.88
23.842	0.87	0.87	0.93	1.00	1.10	1.17	1.16	1.06	0.98	0.90	0.83	0.85

Observer 3: Luminance with new installation [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 3: Luminance with new installation	1.32 cd/m²	0.83 cd/m²	2.38 cd/m²	0.63	0.35

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g.

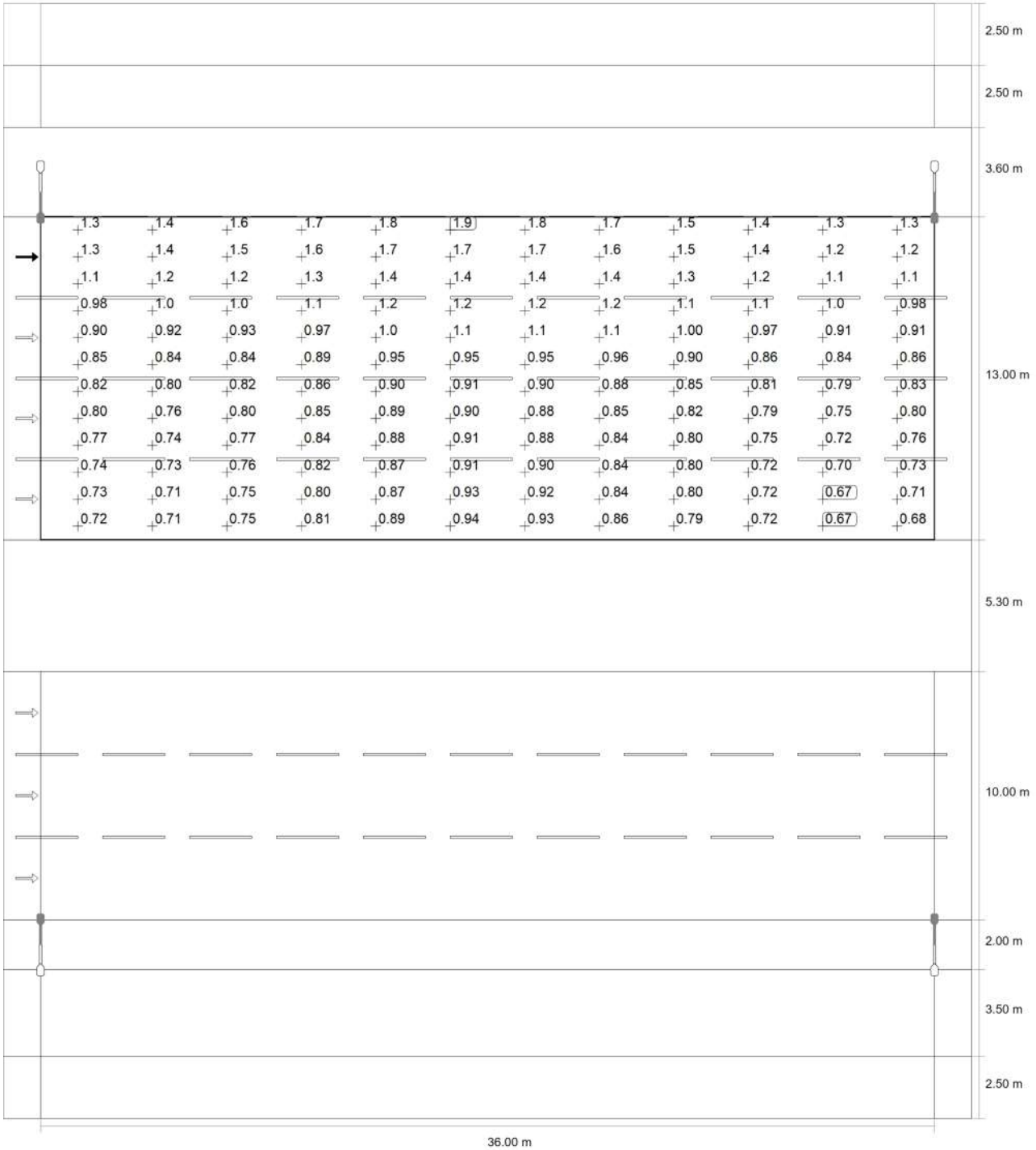
Taikos pr. atkarpa nuo Kauno g. iki Dubysos g. (M3)



Observer 4: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g.

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g. (M3)



Observer 4: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g.

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g. (M3)

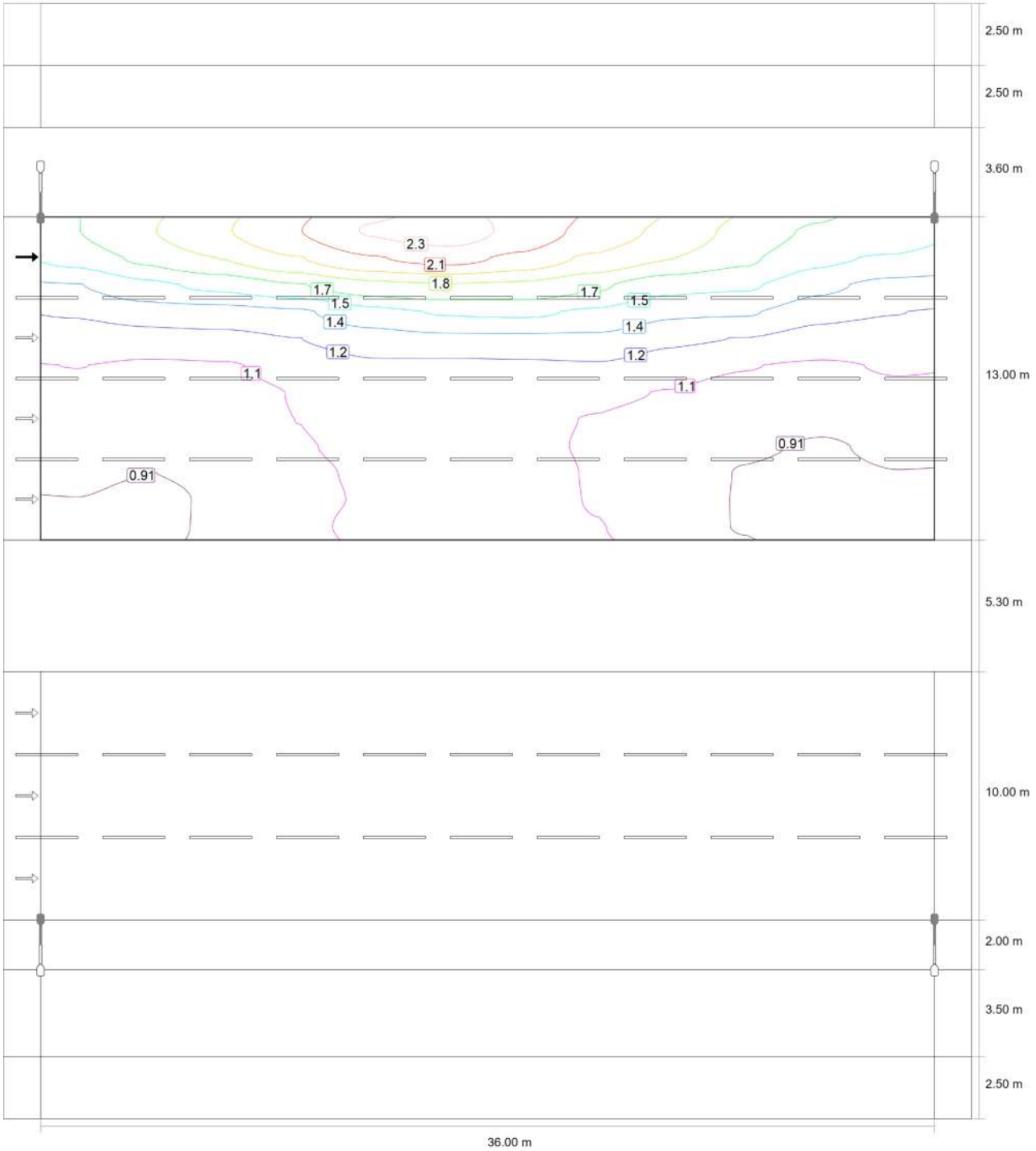
m	1.500	4.500	7.500	10.500	13.500	16.500	19.500	22.500	25.500	28.500	31.500	34.500
35.758	1.33	1.45	1.57	1.70	1.83	1.88	1.78	1.66	1.55	1.42	1.31	1.28
34.675	1.26	1.36	1.46	1.57	1.69	1.74	1.66	1.55	1.46	1.36	1.24	1.20
33.592	1.09	1.19	1.24	1.33	1.42	1.45	1.43	1.36	1.25	1.23	1.13	1.06
32.508	0.98	1.03	1.05	1.08	1.18	1.22	1.23	1.19	1.11	1.10	1.01	0.98
31.425	0.90	0.92	0.93	0.97	1.03	1.06	1.06	1.06	1.00	0.97	0.91	0.91
30.342	0.85	0.84	0.84	0.89	0.95	0.95	0.95	0.96	0.90	0.86	0.84	0.86
29.258	0.82	0.80	0.82	0.86	0.90	0.91	0.90	0.88	0.85	0.81	0.79	0.83
28.175	0.80	0.76	0.80	0.85	0.89	0.90	0.88	0.85	0.82	0.79	0.75	0.80
27.092	0.77	0.74	0.77	0.84	0.88	0.91	0.88	0.84	0.80	0.75	0.72	0.76
26.008	0.74	0.73	0.76	0.82	0.87	0.91	0.90	0.84	0.80	0.72	0.70	0.73
24.925	0.73	0.71	0.75	0.80	0.87	0.93	0.92	0.84	0.80	0.72	0.67	0.71
23.842	0.72	0.71	0.75	0.81	0.89	0.94	0.93	0.86	0.79	0.72	0.67	0.68

Observer 4: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 4: Maintenance value, luminance with dry roadway	1.01 cd/m²	0.67 cd/m²	1.88 cd/m²	0.67	0.36

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g.

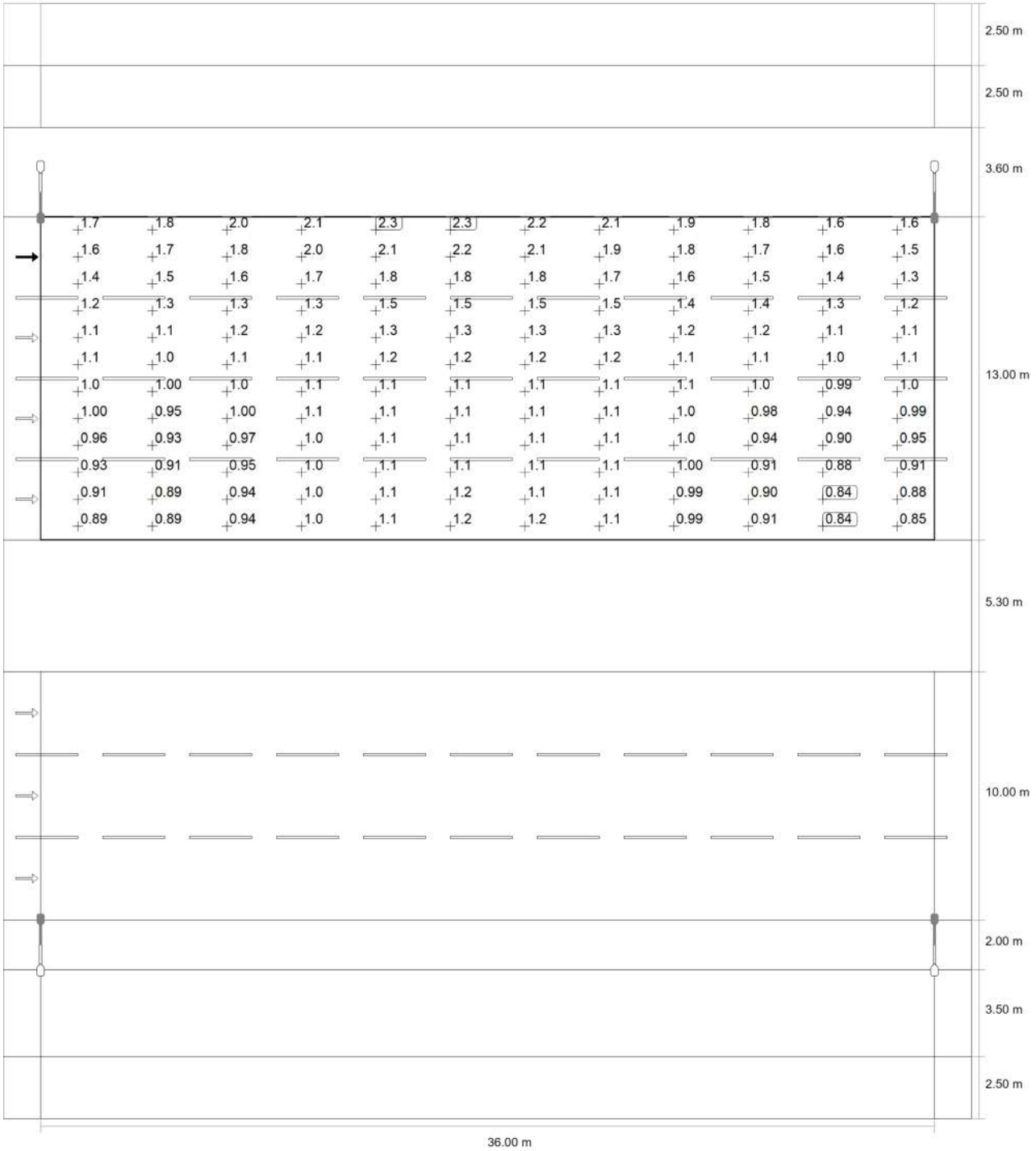
Taikos pr. atkarpa nuo Kauno g. iki Dubysos g. (M3)



Observer 4: Luminance with new installation [cd/m²] (Iso-illuminance curves)

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g.

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g. (M3)



Observer 4: Luminance with new installation [cd/m²] (Value grid)

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g.

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g. (M3)

m	1.500	4.500	7.500	10.500	13.500	16.500	19.500	22.500	25.500	28.500	31.500	34.500
35.758	1.66	1.81	1.96	2.12	2.29	2.35	2.23	2.07	1.94	1.77	1.64	1.60
34.675	1.57	1.70	1.82	1.96	2.11	2.17	2.08	1.94	1.82	1.70	1.55	1.50
33.592	1.36	1.48	1.56	1.66	1.77	1.81	1.79	1.69	1.56	1.54	1.41	1.32
32.508	1.23	1.29	1.31	1.35	1.47	1.53	1.54	1.49	1.39	1.38	1.26	1.22
31.425	1.12	1.15	1.16	1.22	1.29	1.33	1.33	1.33	1.24	1.21	1.14	1.13
30.342	1.07	1.04	1.05	1.11	1.19	1.18	1.19	1.20	1.12	1.07	1.05	1.08
29.258	1.03	1.00	1.02	1.07	1.13	1.14	1.13	1.10	1.06	1.01	0.99	1.03
28.175	1.00	0.95	1.00	1.07	1.11	1.13	1.10	1.06	1.02	0.98	0.94	0.99
27.092	0.96	0.93	0.97	1.05	1.11	1.13	1.09	1.06	1.00	0.94	0.90	0.95
26.008	0.93	0.91	0.95	1.02	1.09	1.14	1.12	1.05	1.00	0.91	0.88	0.91
24.925	0.91	0.89	0.94	1.00	1.09	1.16	1.15	1.05	0.99	0.90	0.84	0.88
23.842	0.89	0.89	0.94	1.01	1.12	1.18	1.16	1.07	0.99	0.91	0.84	0.85

Observer 4: Luminance with new installation [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 4: Luminance with new installation	1.26 cd/m²	0.84 cd/m²	2.35 cd/m²	0.67	0.36

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g.

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g. (M3)

Results for valuation field

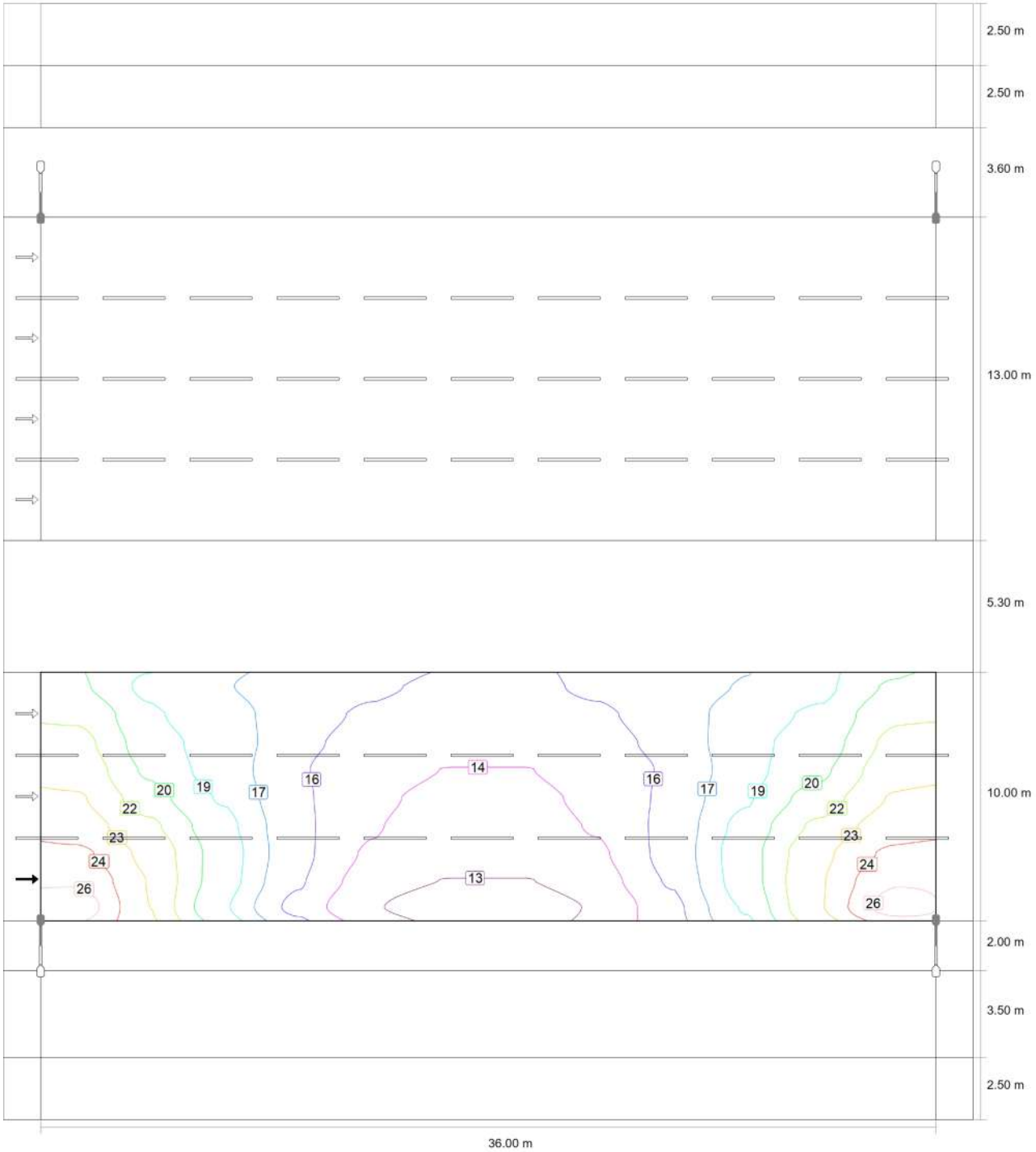
	Symbol	Calculated	Target	Check
Taikos pr. atkarpa nuo Kauno g. iki Dubysos g. (M3)	L_{av}	1.07 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.61	≥ 0.40	✓
	U_l	0.69	≥ 0.60	✓
	TI	10 %	≤ 15 %	✓
	R_{EI}	0.91	≥ 0.30	✓

Results for observer

	Symbol	Calculated	Target	Check
Observer 1 Position: -60.000 m, 9.667 m, 1.500 m	L_{av}	1.07 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.67	≥ 0.40	✓
	U_l	0.69	≥ 0.60	✓
	TI	10 %	≤ 15 %	✓
Observer 2 Position: -60.000 m, 13.000 m, 1.500 m	L_{av}	1.14 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.63	≥ 0.40	✓
	U_l	0.82	≥ 0.60	✓
	TI	9 %	≤ 15 %	✓
Observer 3 Position: -60.000 m, 16.333 m, 1.500 m	L_{av}	1.19 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.61	≥ 0.40	✓
	U_l	0.82	≥ 0.60	✓
	TI	7 %	≤ 15 %	✓

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g.

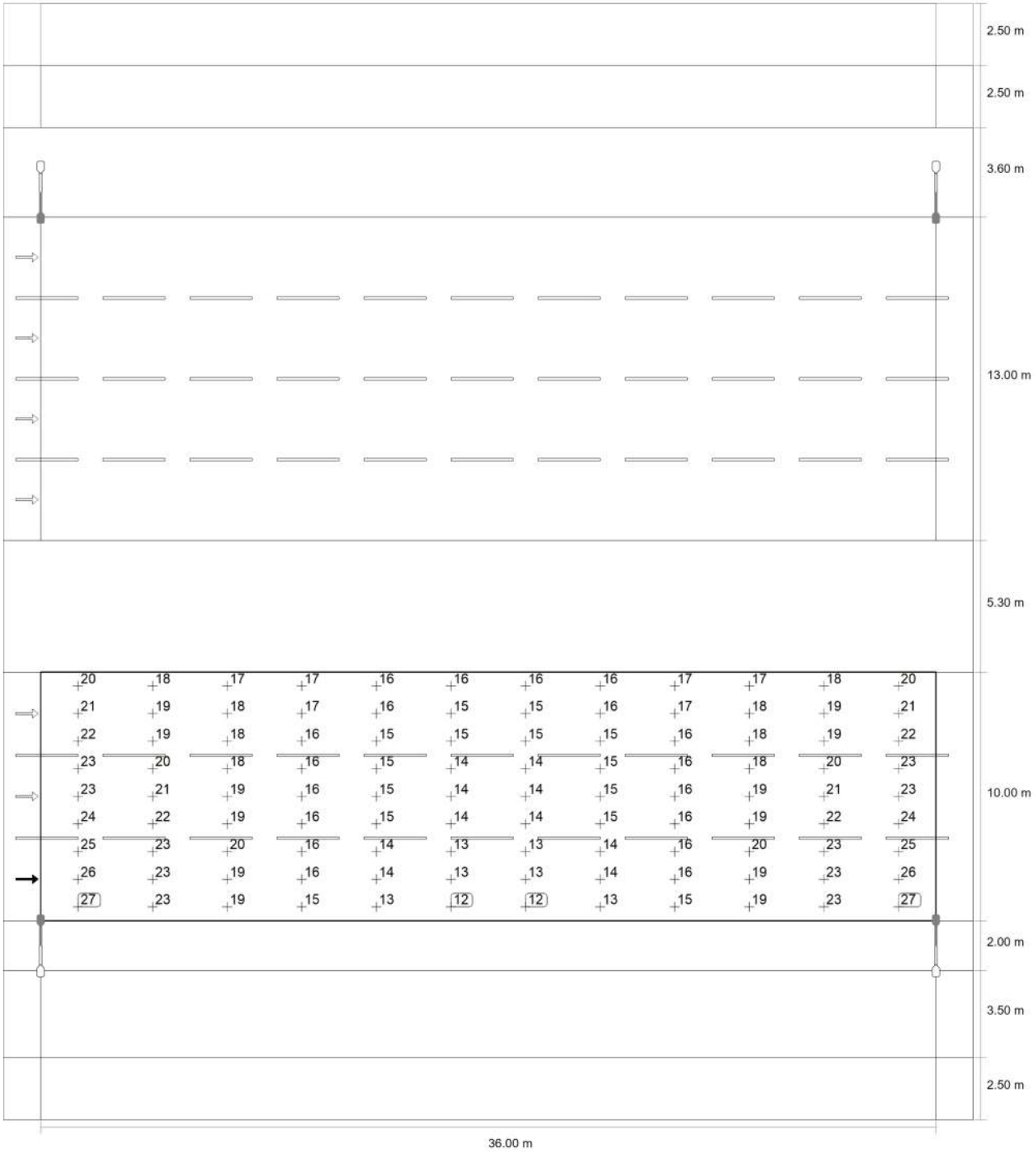
Taikos pr. atkarpa nuo Kauno g. iki Dubysos g. (M3)



Maintenance value, horizontal illuminance [lx] (Iso-illuminance curves)

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g.

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g. (M3)



Maintenance value, horizontal illuminance [lx] (Value grid)

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g.

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g. (M3)

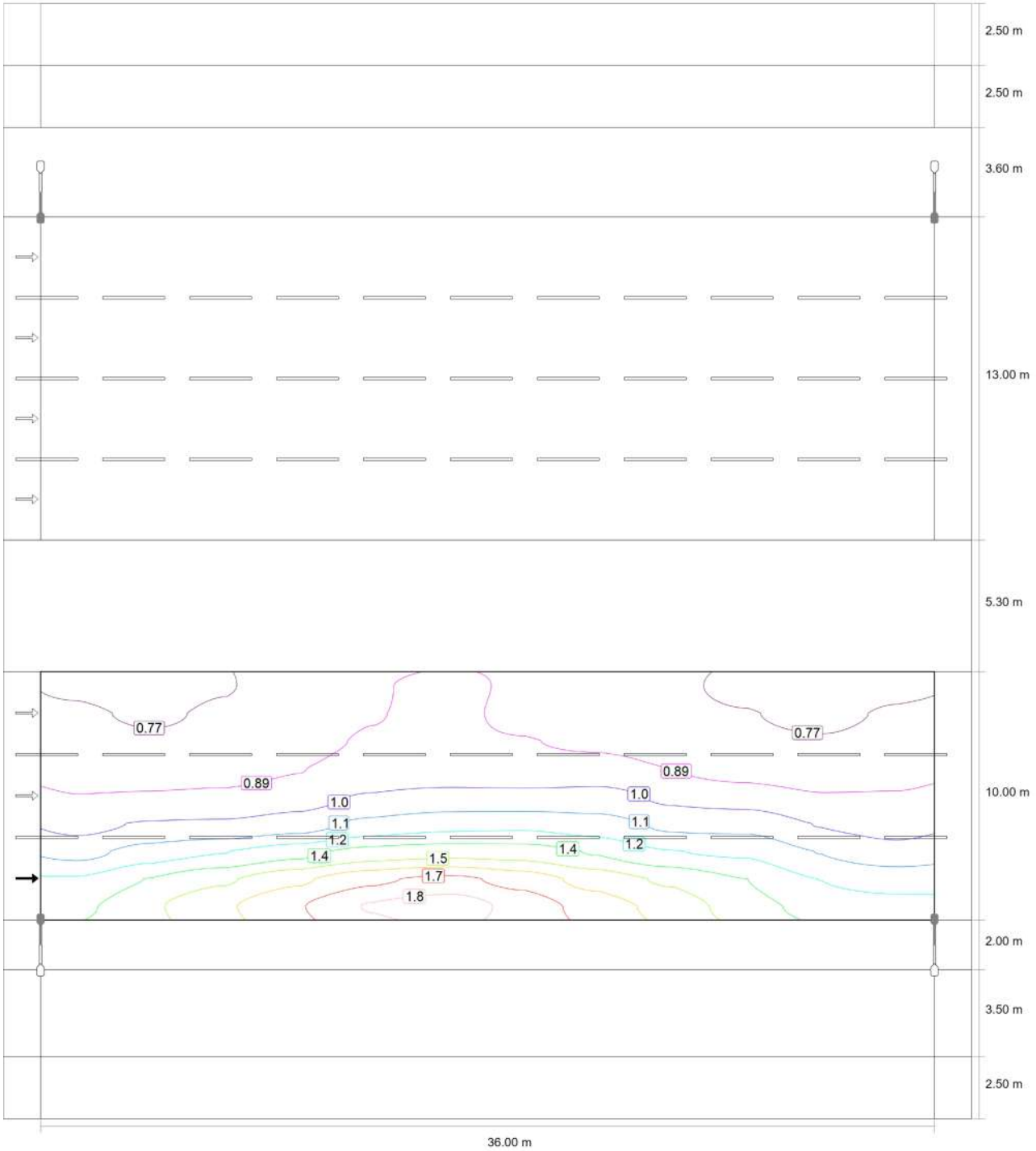
m	1.500	4.500	7.500	10.500	13.500	16.500	19.500	22.500	25.500	28.500	31.500	34.500
17.444	20.43	18.41	17.40	16.60	16.08	15.68	15.68	16.08	16.60	17.40	18.41	20.43
16.333	21.40	18.99	17.91	16.59	15.67	15.26	15.26	15.67	16.59	17.91	18.99	21.40
15.222	21.98	19.44	18.19	16.36	15.26	14.81	14.81	15.26	16.36	18.19	19.44	21.98
14.111	22.54	19.91	18.18	16.07	14.95	14.46	14.46	14.95	16.07	18.18	19.91	22.54
13.000	23.12	20.80	18.58	16.20	14.72	14.22	14.22	14.72	16.20	18.58	20.80	23.12
11.889	23.75	21.86	19.18	16.32	14.58	13.91	13.91	14.58	16.32	19.18	21.86	23.75
10.778	24.70	22.63	19.53	16.35	14.27	13.49	13.49	14.27	16.35	19.53	22.63	24.70
9.667	25.67	22.92	19.46	16.05	13.83	13.03	13.03	13.83	16.05	19.46	22.92	25.67
8.556	26.54	22.97	18.89	15.48	13.18	12.34	12.34	13.18	15.48	18.89	22.97	26.54

Maintenance value, horizontal illuminance [lx] (Value chart)

	E_{av}	E_{min}	E_{max}	U_o (g_1)	g_2
Maintenance value, horizontal illuminance	18.0 lx	12.3 lx	26.5 lx	0.69	0.47

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g.

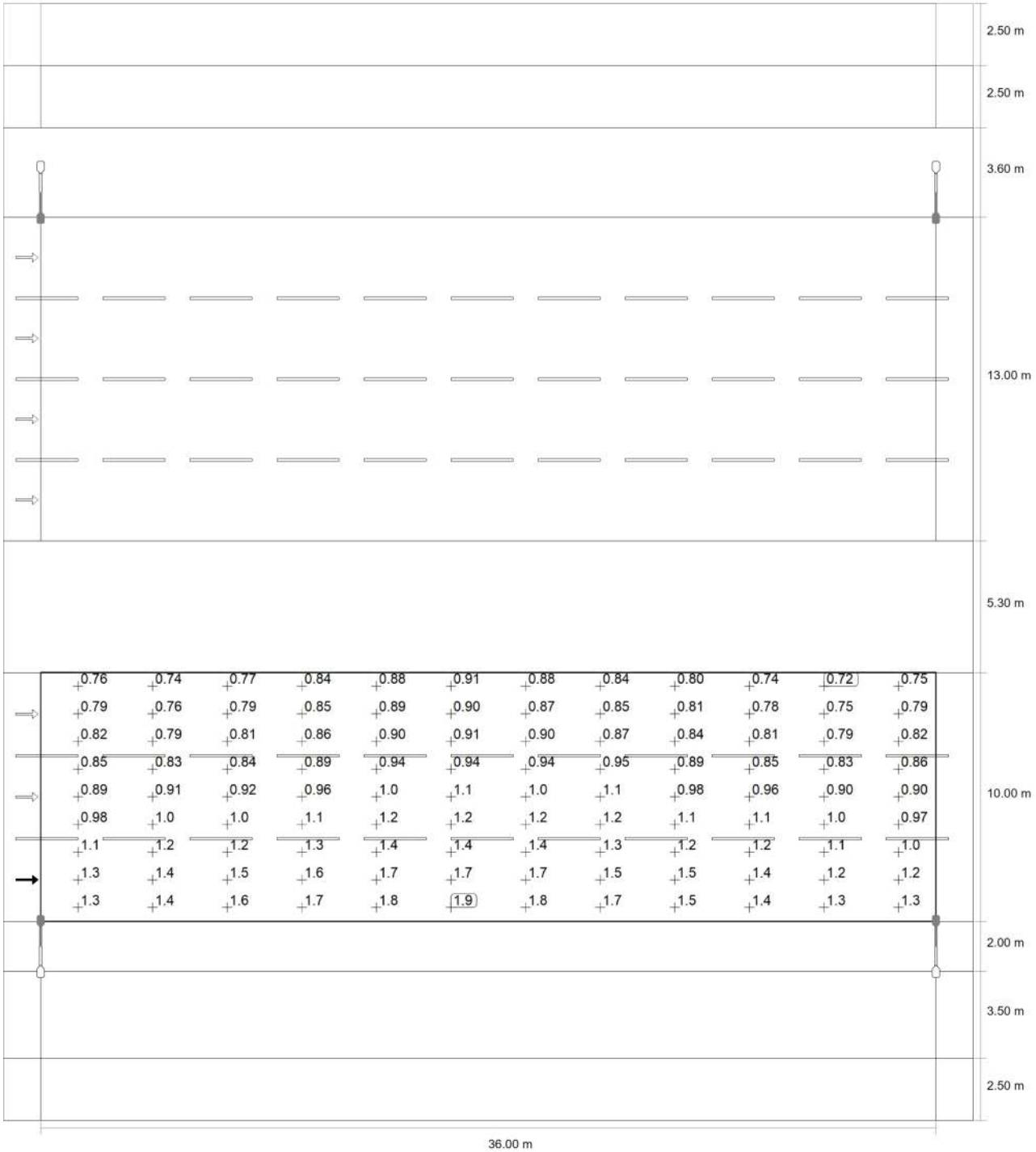
Taikos pr. atkarpa nuo Kauno g. iki Dubysos g. (M3)



Observer 1: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g.

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g. (M3)



Observer 1: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g.

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g. (M3)

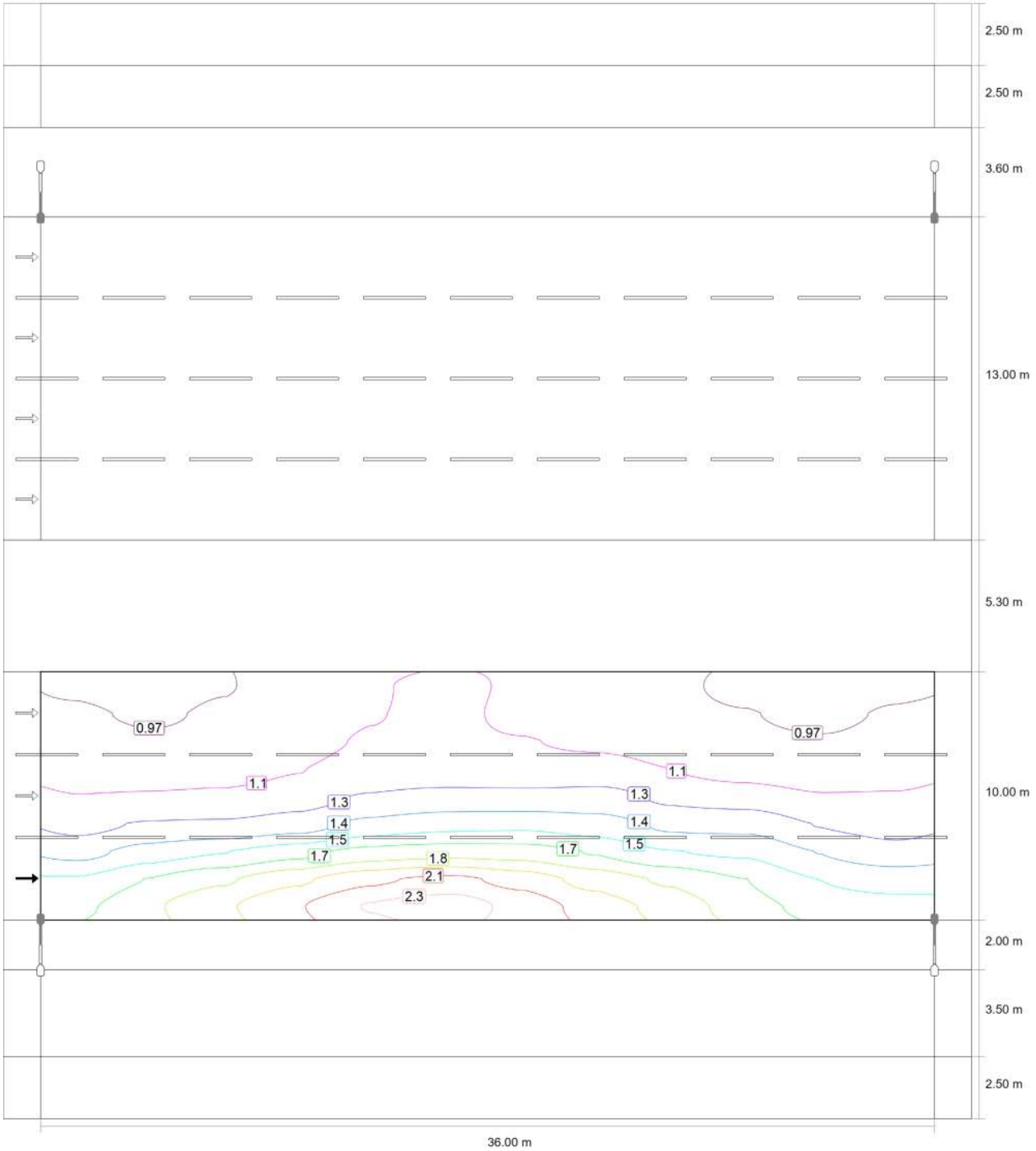
m	1.500	4.500	7.500	10.500	13.500	16.500	19.500	22.500	25.500	28.500	31.500	34.500
17.444	0.76	0.74	0.77	0.84	0.88	0.91	0.88	0.84	0.80	0.74	0.72	0.75
16.333	0.79	0.76	0.79	0.85	0.89	0.90	0.87	0.85	0.81	0.78	0.75	0.79
15.222	0.82	0.79	0.81	0.86	0.90	0.91	0.90	0.87	0.84	0.81	0.79	0.82
14.111	0.85	0.83	0.84	0.89	0.94	0.94	0.94	0.95	0.89	0.85	0.83	0.86
13.000	0.89	0.91	0.92	0.96	1.02	1.05	1.05	1.05	0.98	0.96	0.90	0.90
11.889	0.98	1.02	1.03	1.07	1.17	1.21	1.22	1.18	1.10	1.09	1.00	0.97
10.778	1.09	1.18	1.24	1.31	1.40	1.43	1.42	1.35	1.24	1.22	1.12	1.05
9.667	1.25	1.36	1.45	1.56	1.68	1.73	1.66	1.54	1.45	1.36	1.24	1.20
8.556	1.33	1.45	1.57	1.70	1.83	1.88	1.78	1.66	1.55	1.42	1.31	1.28

Observer 1: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 1: Maintenance value, luminance with dry roadway	1.07 cd/m²	0.72 cd/m²	1.88 cd/m²	0.67	0.38

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g.

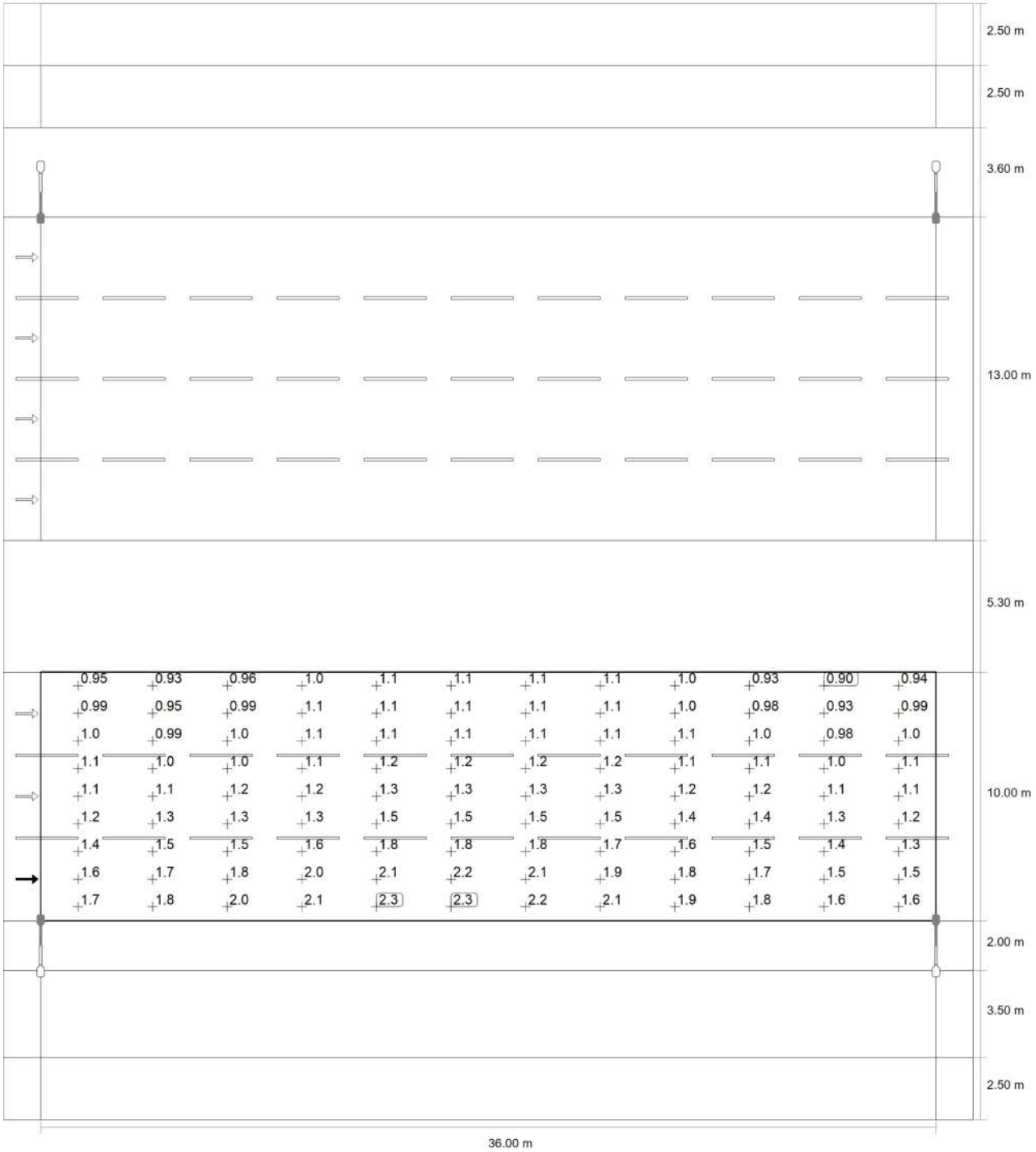
Taikos pr. atkarpa nuo Kauno g. iki Dubysos g. (M3)



Observer 1: Luminance with new installation [cd/m²] (Iso-illuminance curves)

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g.

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g. (M3)



Observer 1: Luminance with new installation [cd/m²] (Value grid)

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g.

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g. (M3)

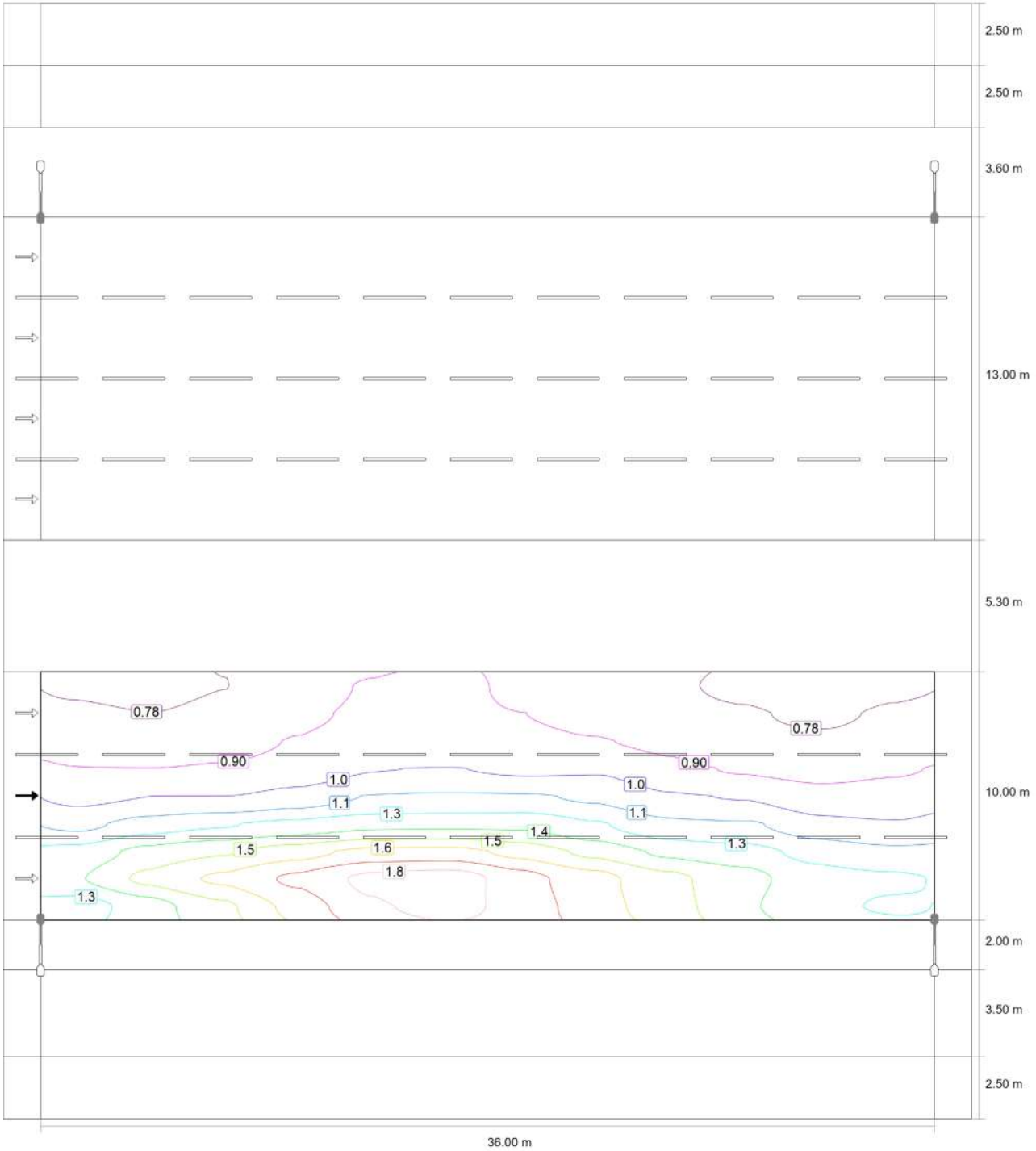
m	1.500	4.500	7.500	10.500	13.500	16.500	19.500	22.500	25.500	28.500	31.500	34.500
17.444	0.95	0.93	0.96	1.04	1.10	1.14	1.10	1.06	1.00	0.93	0.90	0.94
16.333	0.99	0.95	0.99	1.07	1.11	1.13	1.09	1.06	1.02	0.98	0.93	0.99
15.222	1.02	0.99	1.02	1.07	1.13	1.13	1.12	1.09	1.05	1.01	0.98	1.02
14.111	1.06	1.03	1.05	1.11	1.18	1.18	1.18	1.18	1.11	1.06	1.04	1.07
13.000	1.12	1.13	1.15	1.20	1.27	1.31	1.31	1.31	1.23	1.20	1.13	1.13
11.889	1.22	1.27	1.29	1.34	1.46	1.51	1.52	1.48	1.38	1.37	1.25	1.21
10.778	1.36	1.47	1.54	1.64	1.75	1.79	1.77	1.68	1.56	1.53	1.40	1.31
9.667	1.56	1.70	1.82	1.96	2.10	2.17	2.07	1.93	1.82	1.69	1.55	1.50
8.556	1.66	1.81	1.96	2.12	2.29	2.35	2.23	2.07	1.94	1.77	1.64	1.60

Observer 1: Luminance with new installation [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 1: Luminance with new installation	1.34 cd/m²	0.90 cd/m²	2.35 cd/m²	0.67	0.38

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g.

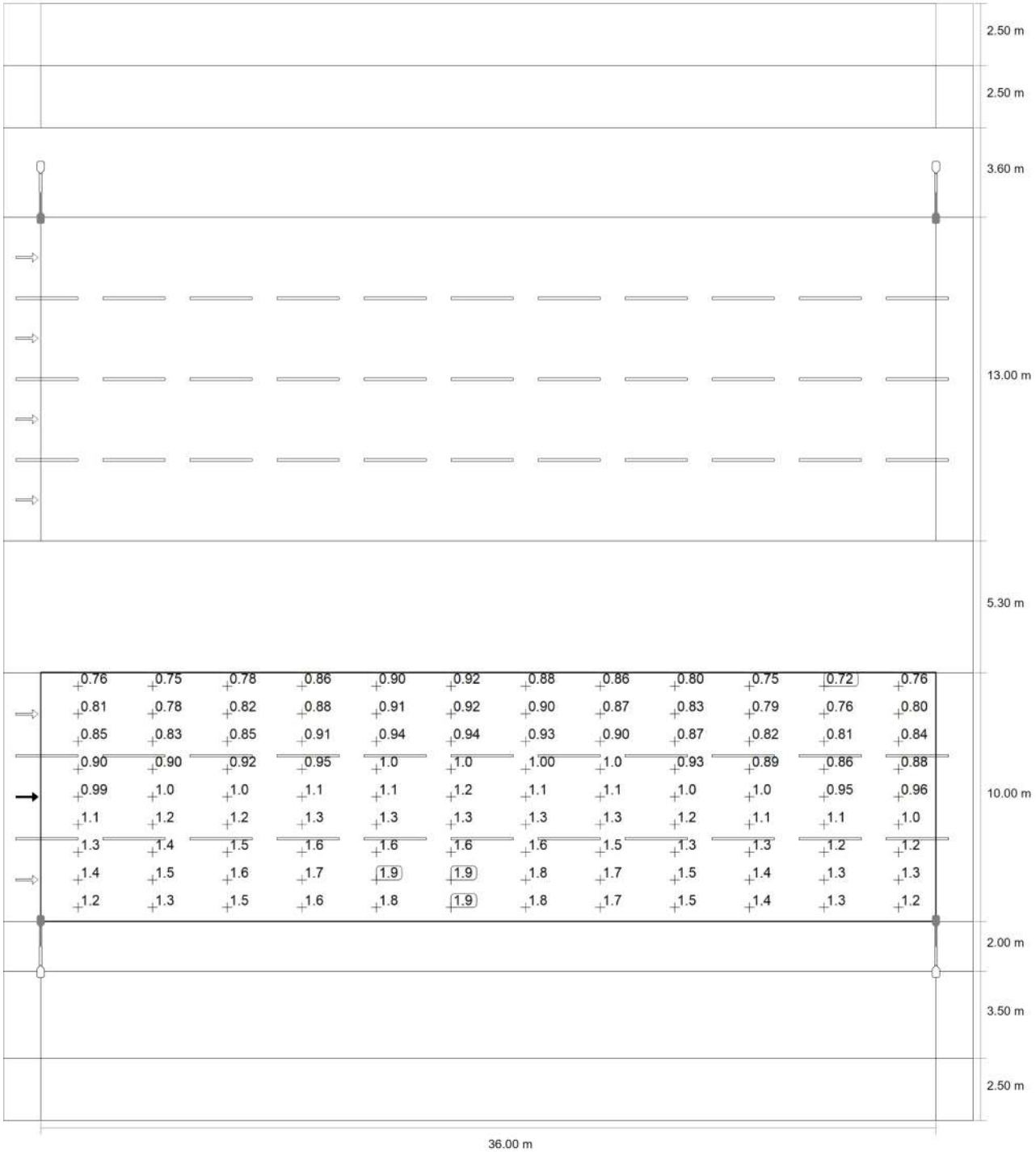
Taikos pr. atkarpa nuo Kauno g. iki Dubysos g. (M3)



Observer 2: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g.

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g. (M3)



Observer 2: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g.

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g. (M3)

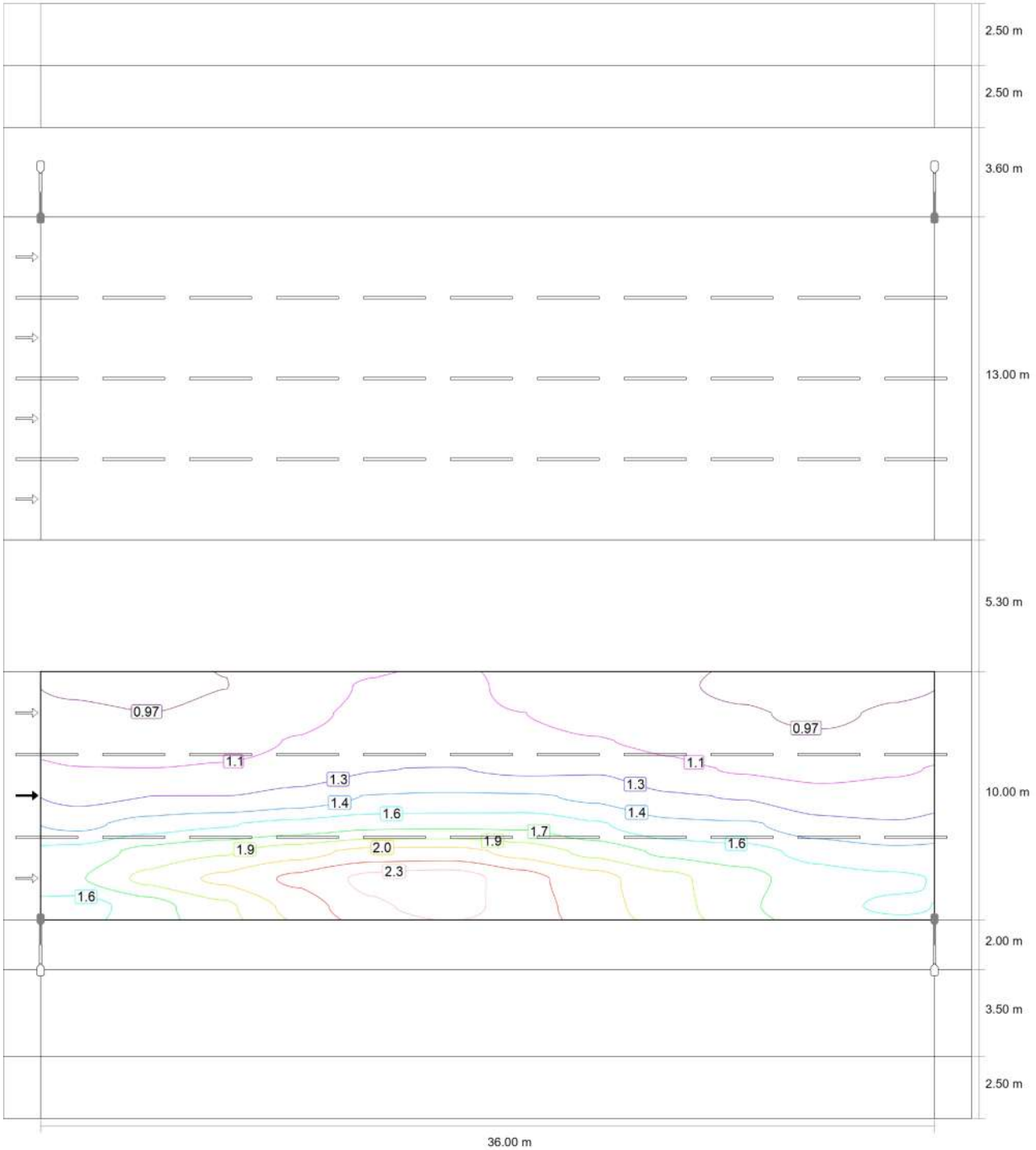
m	1.500	4.500	7.500	10.500	13.500	16.500	19.500	22.500	25.500	28.500	31.500	34.500
17.444	0.76	0.75	0.78	0.86	0.90	0.92	0.88	0.86	0.80	0.75	0.72	0.76
16.333	0.81	0.78	0.82	0.88	0.91	0.92	0.90	0.87	0.83	0.79	0.76	0.80
15.222	0.85	0.83	0.85	0.91	0.94	0.94	0.93	0.90	0.87	0.82	0.81	0.84
14.111	0.90	0.90	0.92	0.95	1.01	1.02	1.00	1.01	0.93	0.89	0.86	0.88
13.000	0.99	1.02	1.02	1.07	1.14	1.15	1.15	1.11	1.03	1.01	0.95	0.96
11.889	1.10	1.19	1.24	1.29	1.34	1.35	1.35	1.27	1.16	1.15	1.06	1.03
10.778	1.29	1.41	1.48	1.56	1.64	1.65	1.57	1.46	1.34	1.30	1.21	1.16
9.667	1.36	1.52	1.63	1.75	1.87	1.90	1.78	1.65	1.52	1.41	1.30	1.27
8.556	1.20	1.32	1.46	1.64	1.82	1.88	1.79	1.66	1.54	1.39	1.28	1.24

Observer 2: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 2: Maintenance value, luminance with dry roadway	1.14 cd/m²	0.72 cd/m²	1.90 cd/m²	0.63	0.38

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g.

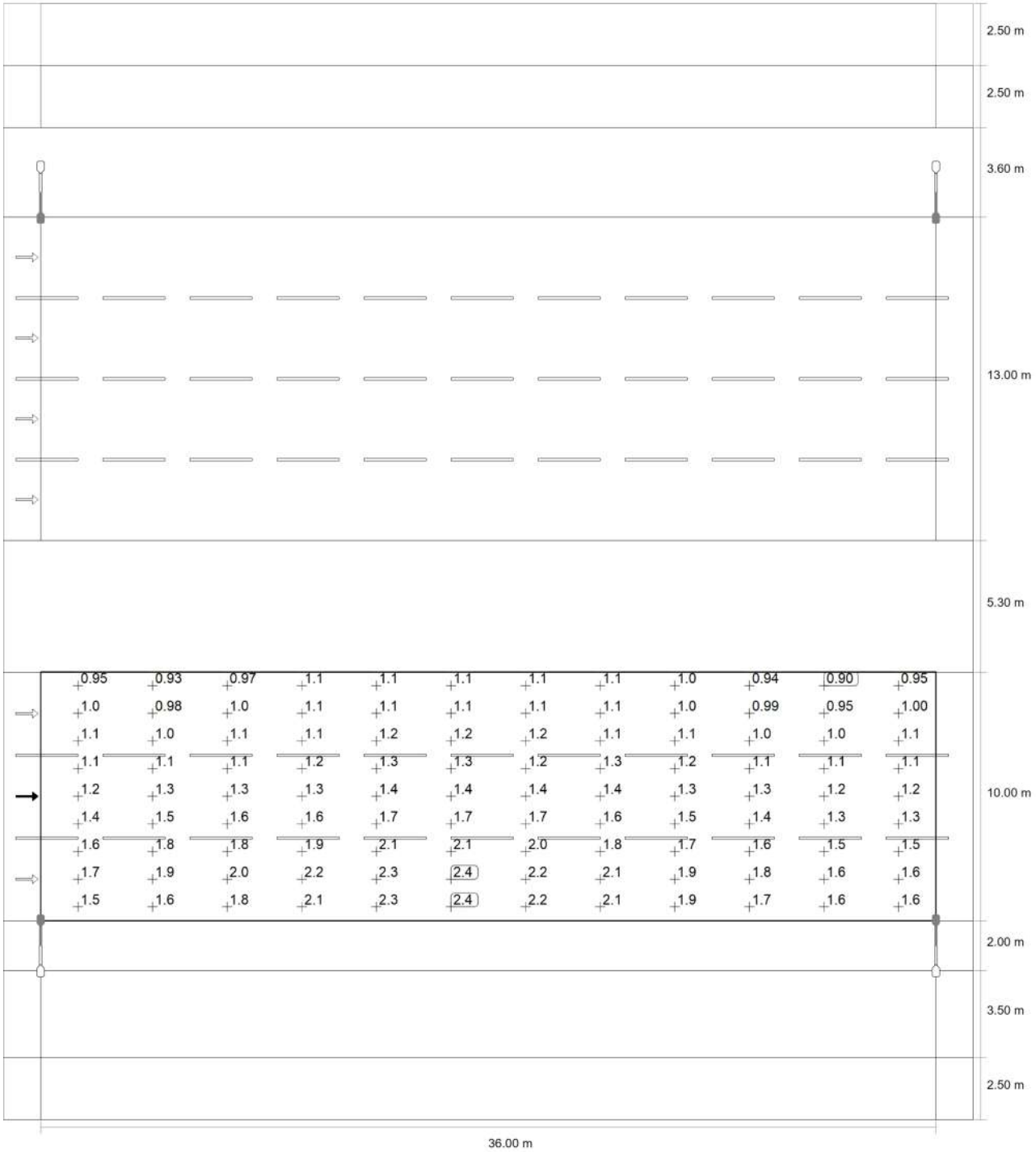
Taikos pr. atkarpa nuo Kauno g. iki Dubysos g. (M3)



Observer 2: Luminance with new installation [cd/m²] (Iso-illuminance curves)

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g.

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g. (M3)



Observer 2: Luminance with new installation [cd/m²] (Value grid)

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g.

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g. (M3)

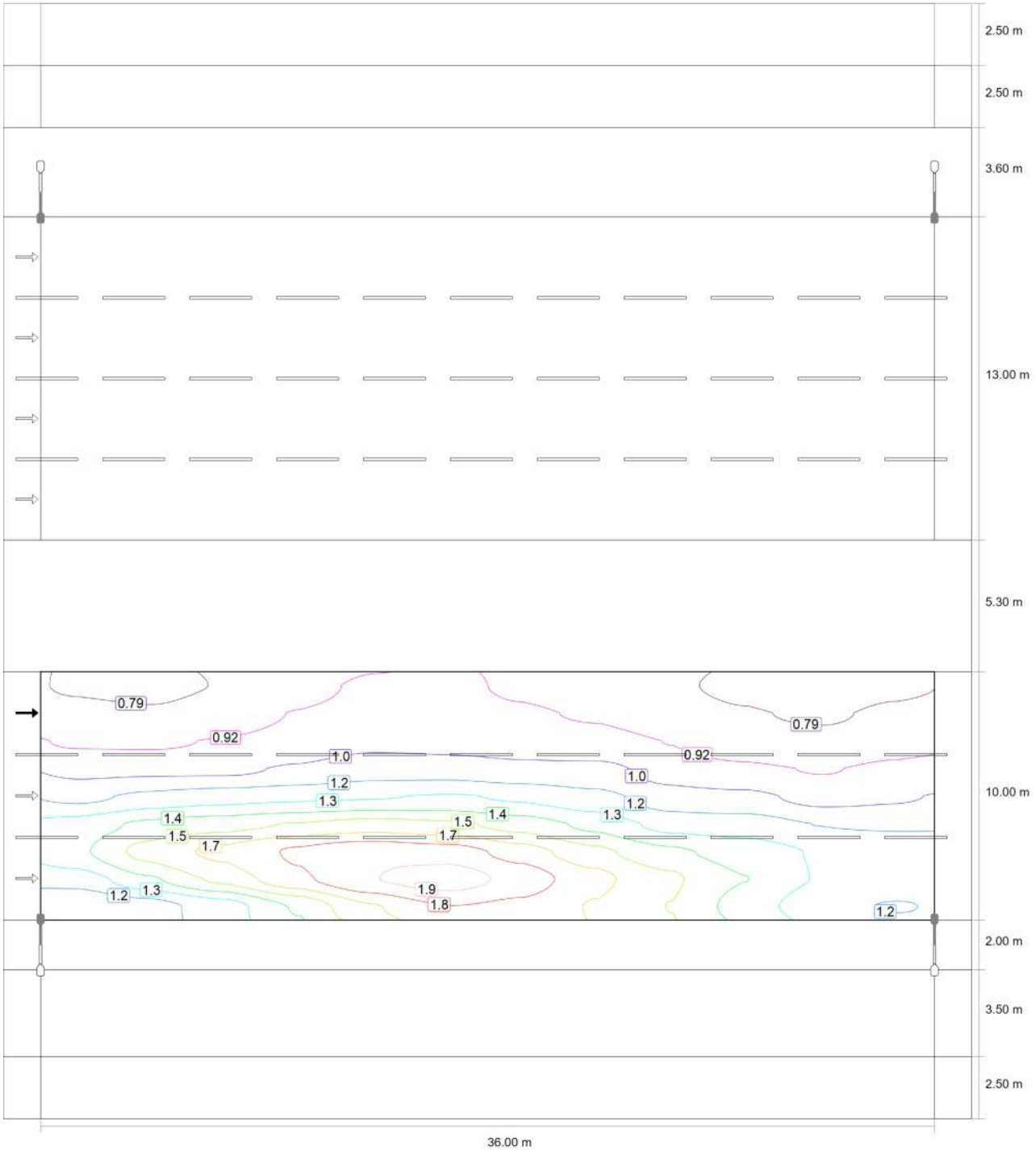
m	1.500	4.500	7.500	10.500	13.500	16.500	19.500	22.500	25.500	28.500	31.500	34.500
17.444	0.95	0.93	0.97	1.07	1.13	1.15	1.10	1.08	1.00	0.94	0.90	0.95
16.333	1.01	0.98	1.02	1.09	1.14	1.15	1.12	1.09	1.04	0.99	0.95	1.00
15.222	1.06	1.03	1.06	1.13	1.17	1.18	1.16	1.13	1.09	1.02	1.01	1.05
14.111	1.13	1.12	1.14	1.19	1.26	1.27	1.24	1.26	1.16	1.11	1.08	1.10
13.000	1.24	1.27	1.27	1.33	1.43	1.44	1.44	1.39	1.29	1.26	1.18	1.20
11.889	1.38	1.49	1.55	1.61	1.68	1.68	1.68	1.58	1.46	1.43	1.32	1.28
10.778	1.61	1.76	1.85	1.95	2.05	2.06	1.96	1.82	1.68	1.62	1.51	1.45
9.667	1.70	1.90	2.03	2.18	2.34	2.38	2.22	2.06	1.90	1.77	1.62	1.58
8.556	1.50	1.65	1.83	2.06	2.27	2.35	2.24	2.08	1.93	1.74	1.60	1.55

Observer 2: Luminance with new installation [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 2: Luminance with new installation	1.42 cd/m²	0.90 cd/m²	2.38 cd/m²	0.63	0.38

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g.

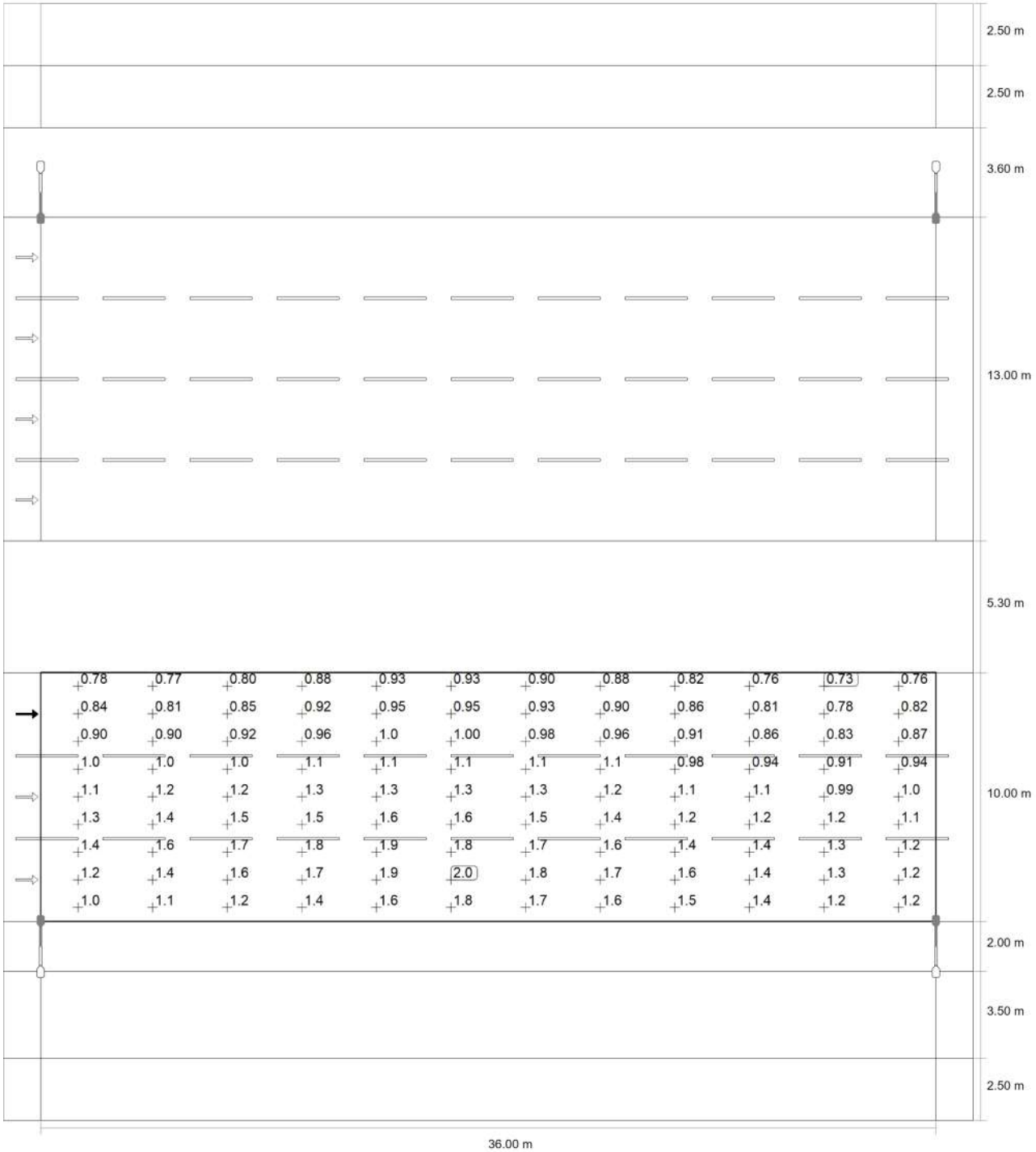
Taikos pr. atkarpa nuo Kauno g. iki Dubysos g. (M3)



Observer 3: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g.

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g. (M3)



Observer 3: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g.

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g. (M3)

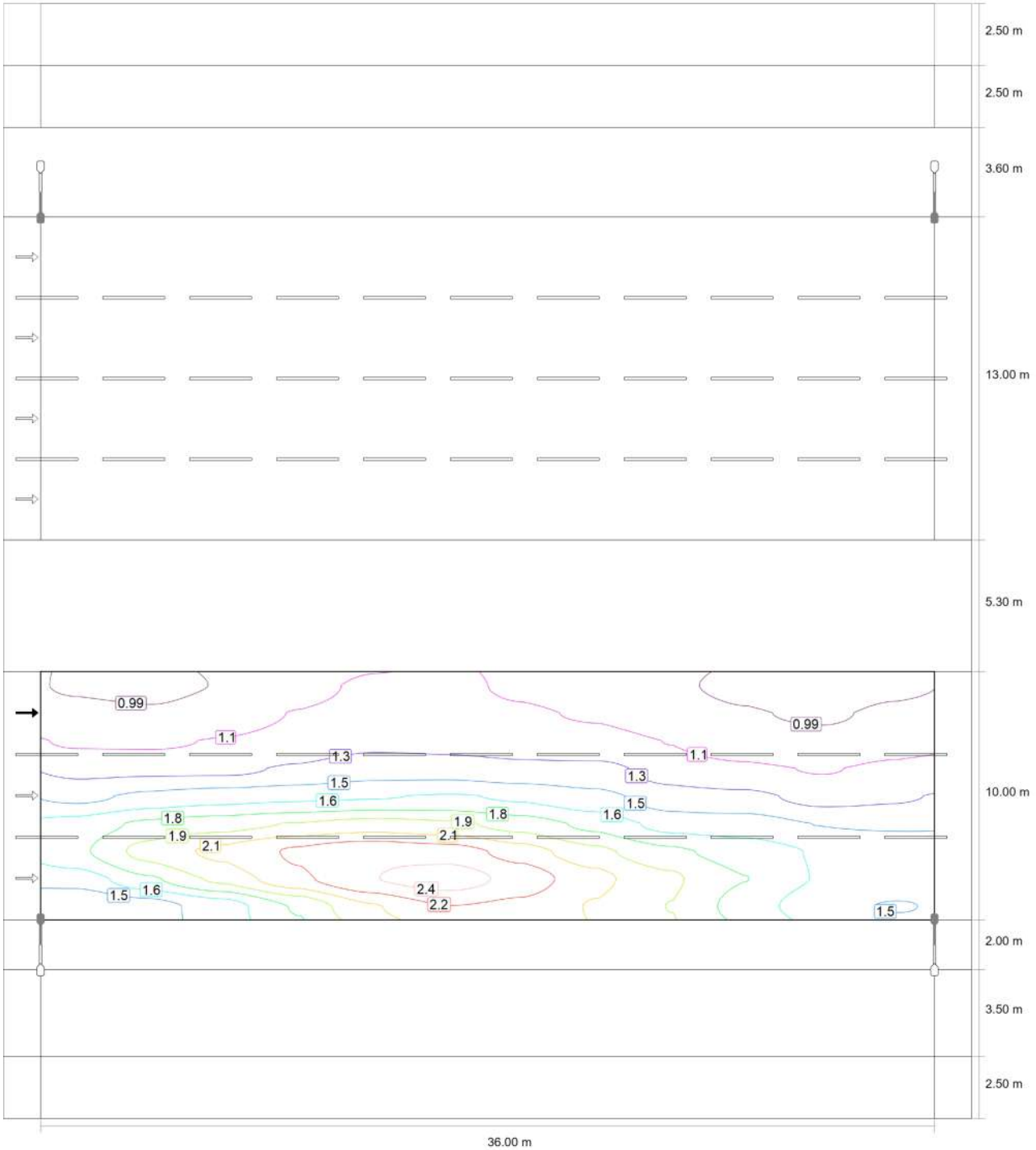
m	1.500	4.500	7.500	10.500	13.500	16.500	19.500	22.500	25.500	28.500	31.500	34.500
17.444	0.78	0.77	0.80	0.88	0.93	0.93	0.90	0.88	0.82	0.76	0.73	0.76
16.333	0.84	0.81	0.85	0.92	0.95	0.95	0.93	0.90	0.86	0.81	0.78	0.82
15.222	0.90	0.90	0.92	0.96	1.01	1.00	0.98	0.96	0.91	0.86	0.83	0.87
14.111	1.01	1.01	1.01	1.06	1.12	1.11	1.08	1.07	0.98	0.94	0.91	0.94
13.000	1.13	1.20	1.24	1.26	1.27	1.30	1.26	1.20	1.10	1.07	0.99	1.02
11.889	1.33	1.43	1.48	1.54	1.59	1.56	1.48	1.37	1.24	1.22	1.16	1.14
10.778	1.38	1.57	1.68	1.79	1.86	1.84	1.72	1.56	1.44	1.35	1.27	1.24
9.667	1.21	1.38	1.56	1.74	1.89	1.96	1.85	1.69	1.55	1.41	1.28	1.24
8.556	1.05	1.11	1.22	1.42	1.64	1.77	1.74	1.64	1.53	1.36	1.22	1.15

Observer 3: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 3: Maintenance value, luminance with dry roadway	1.19 cd/m²	0.73 cd/m²	1.96 cd/m²	0.61	0.37

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g.

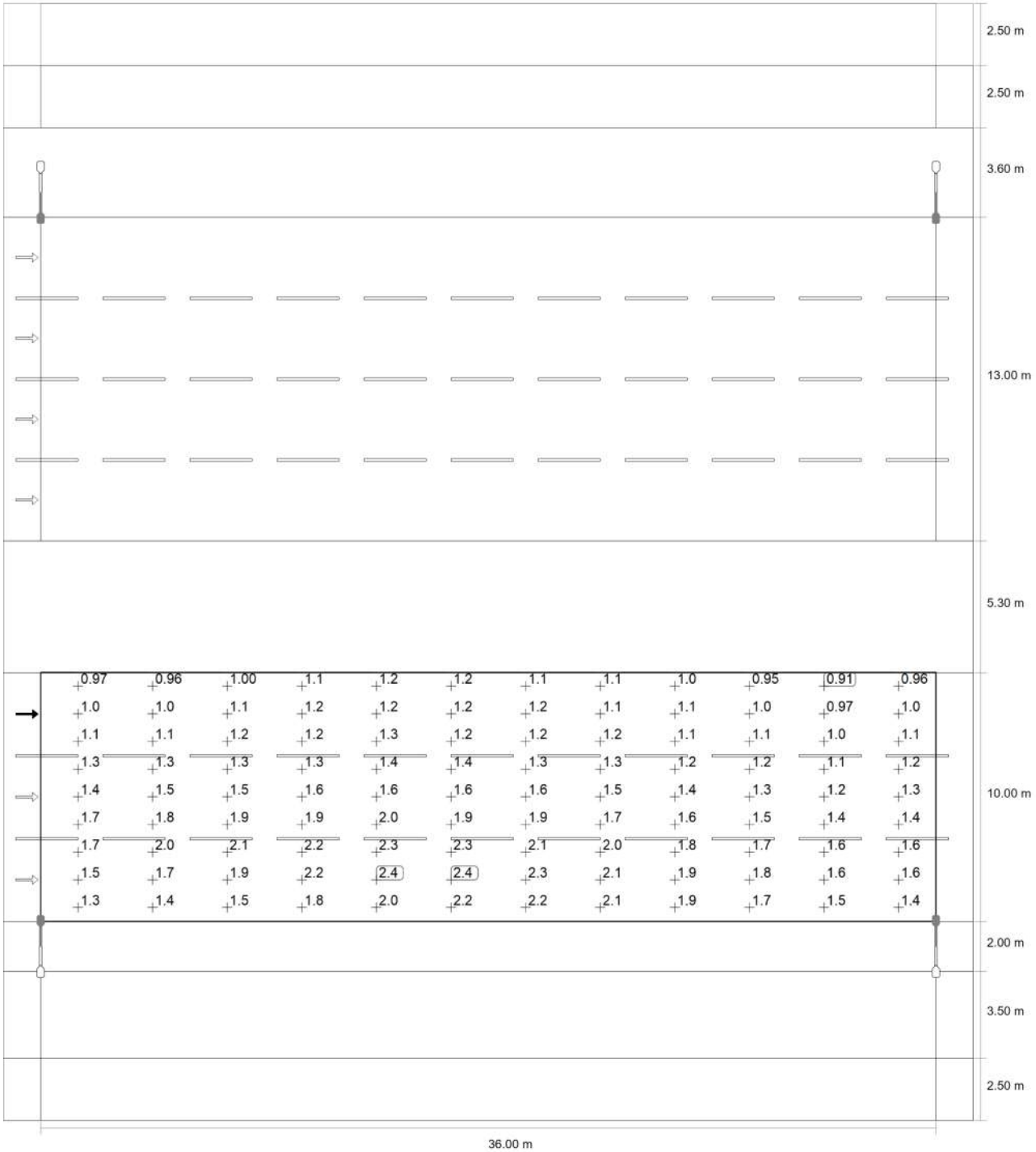
Taikos pr. atkarpa nuo Kauno g. iki Dubysos g. (M3)



Observer 3: Luminance with new installation [cd/m²] (Iso-illuminance curves)

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g.

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g. (M3)



Observer 3: Luminance with new installation [cd/m²] (Value grid)

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g.

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g. (M3)

m	1.500	4.500	7.500	10.500	13.500	16.500	19.500	22.500	25.500	28.500	31.500	34.500
17.444	0.97	0.96	1.00	1.10	1.16	1.16	1.13	1.10	1.02	0.95	0.91	0.96
16.333	1.05	1.01	1.07	1.15	1.18	1.19	1.16	1.13	1.07	1.01	0.97	1.03
15.222	1.12	1.12	1.16	1.20	1.26	1.25	1.23	1.20	1.14	1.07	1.04	1.08
14.111	1.27	1.26	1.26	1.33	1.40	1.39	1.35	1.34	1.22	1.18	1.14	1.18
13.000	1.41	1.50	1.55	1.58	1.59	1.62	1.58	1.50	1.37	1.34	1.24	1.28
11.889	1.66	1.79	1.85	1.92	1.99	1.95	1.85	1.72	1.55	1.53	1.45	1.42
10.778	1.72	1.97	2.10	2.24	2.33	2.30	2.15	1.95	1.80	1.69	1.59	1.56
9.667	1.51	1.73	1.95	2.18	2.37	2.45	2.31	2.11	1.94	1.76	1.60	1.56
8.556	1.31	1.39	1.53	1.77	2.05	2.21	2.17	2.05	1.91	1.70	1.52	1.44

Observer 3: Luminance with new installation [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 3: Luminance with new installation	1.49 cd/m²	0.91 cd/m²	2.45 cd/m²	0.61	0.37

Bicycle lane (P3)

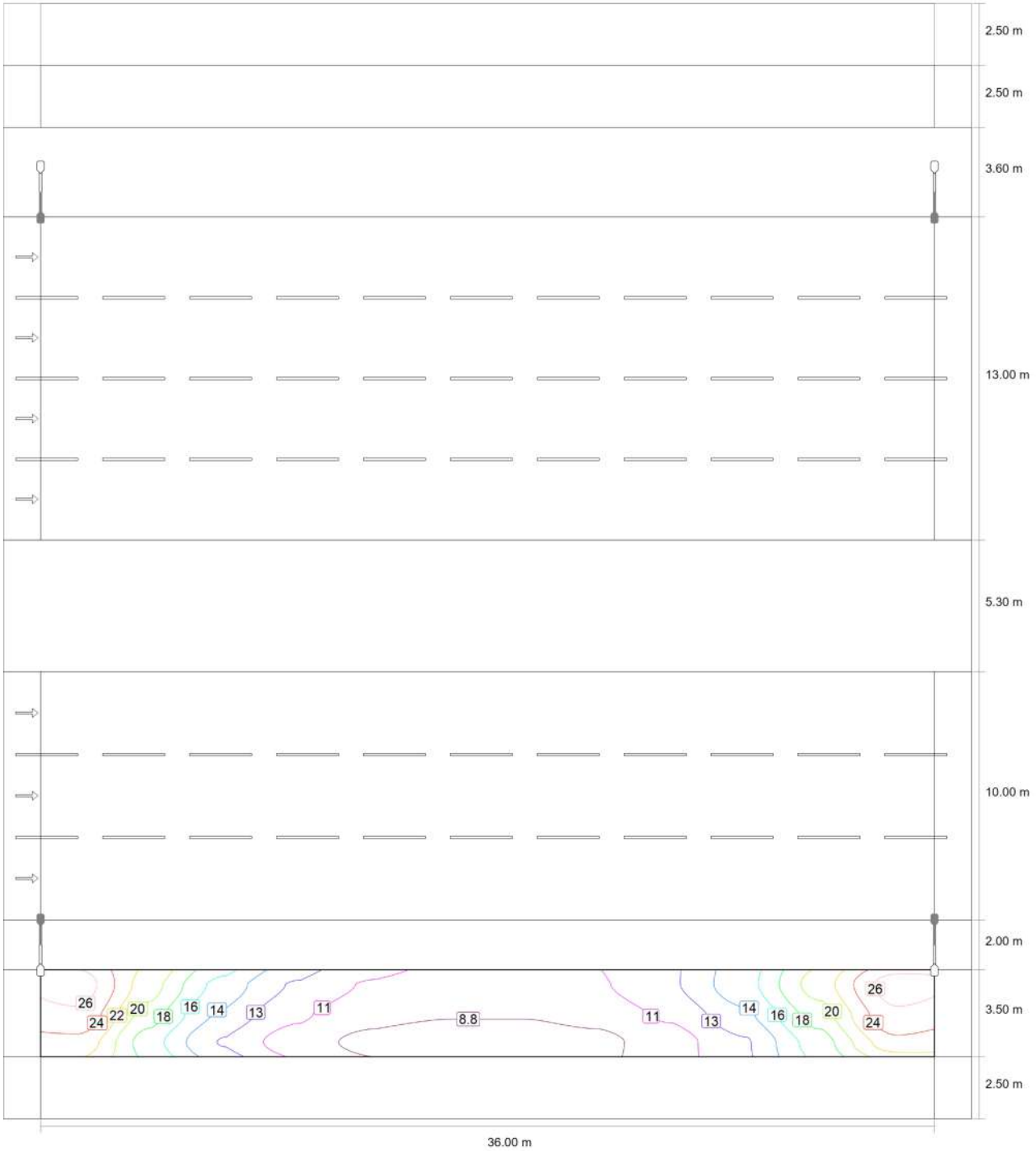
Results for valuation field

	Symbol	Calculated	Target	Check
Bicycle lane (P3)	E_{av}	14.63 lx	[7.50 - 11.25] lx	✓
	E_{min}	7.86 lx	≥ 1.50 lx	✓

DIALux

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g.

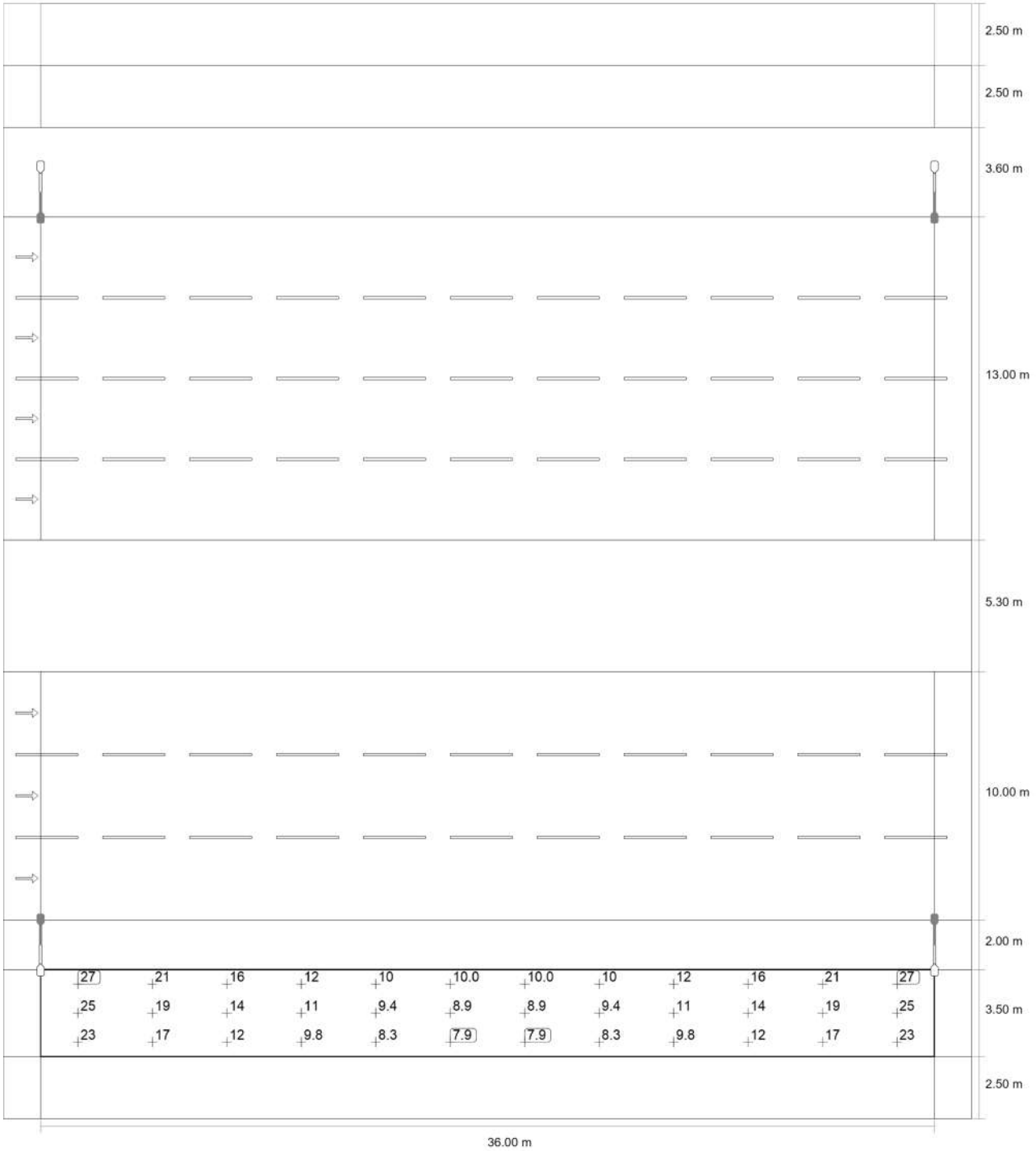
Bicycle lane (P3)



Maintenance value, horizontal illuminance [lx] (Iso-illuminance curves)

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g.

Bicycle lane (P3)



Maintenance value, horizontal illuminance [lx] (Value grid)

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g.

Bicycle lane (P3)

m	1.500	4.500	7.500	10.500	13.500	16.500	19.500	22.500	25.500	28.500	31.500	34.500
5.417	26.77	21.01	15.69	12.34	10.49	9.97	9.97	10.49	12.34	15.69	21.01	26.77
4.250	25.39	19.23	14.12	11.06	9.43	8.93	8.93	9.43	11.06	14.12	19.23	25.39
3.083	23.20	17.28	12.44	9.75	8.33	7.86	7.86	8.33	9.75	12.44	17.28	23.20

Maintenance value, horizontal illuminance [lx] (Value chart)

	E_{av}	E_{min}	E_{max}	U_o (g_1)	g_2
Maintenance value, horizontal illuminance	14.6 lx	7.86 lx	26.8 lx	0.54	0.29

Sidewalk (P3)

Results for valuation field

	Symbol	Calculated	Target	Check
Sidewalk (P3)	E_{av}	10.63 lx	[7.50 - 11.25] lx	✓
	E_{min}	5.62 lx	≥ 1.50 lx	✓

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g.

Sidewalk (P3)

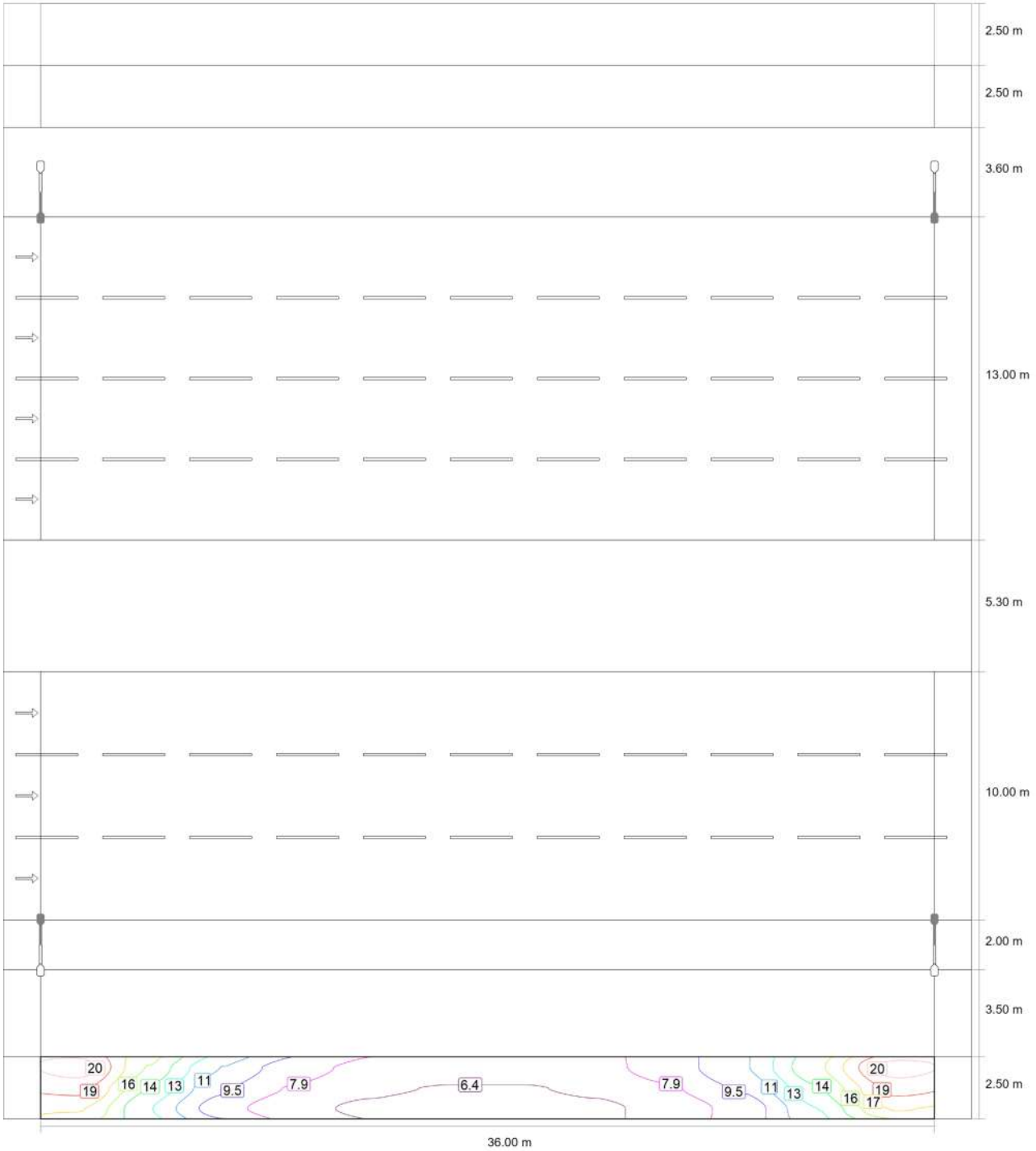
m	1.500	4.500	7.500	10.500	13.500	16.500	19.500	22.500	25.500	28.500	31.500	34.500
2.083	21.04	15.48	10.95	8.64	7.45	6.97	6.97	7.45	8.64	10.95	15.48	21.04
1.250	19.17	13.99	9.74	7.75	6.75	6.29	6.29	6.75	7.75	9.74	13.99	19.17
0.417	17.32	12.60	8.59	6.92	6.07	5.62	5.62	6.07	6.92	8.59	12.60	17.32

Maintenance value, horizontal illuminance [lx] (Value chart)

	E_{av}	E_{min}	E_{max}	U_o (g_1)	g_2
Maintenance value, horizontal illuminance	10.6 lx	5.62 lx	21.0 lx	0.53	0.27

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g.

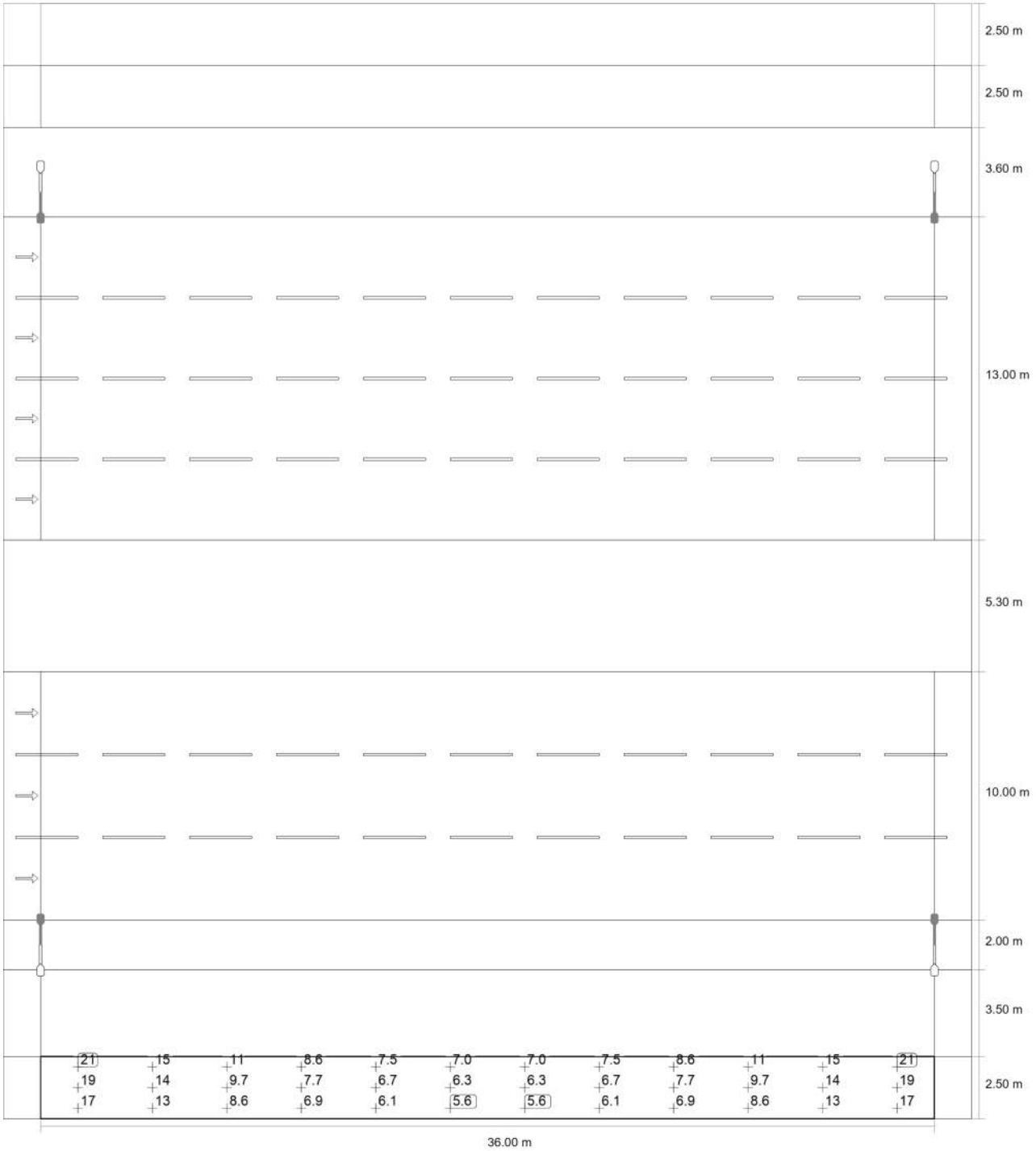
Sidewalk (P3)



Maintenance value, horizontal illuminance [lx] (Iso-illuminance curves)

Taikos pr. atkarpa nuo Kauno g. iki Dubysos g.

Sidewalk (P3)



Maintenance value, horizontal illuminance [lx] (Value grid)

Date 2024-06-13

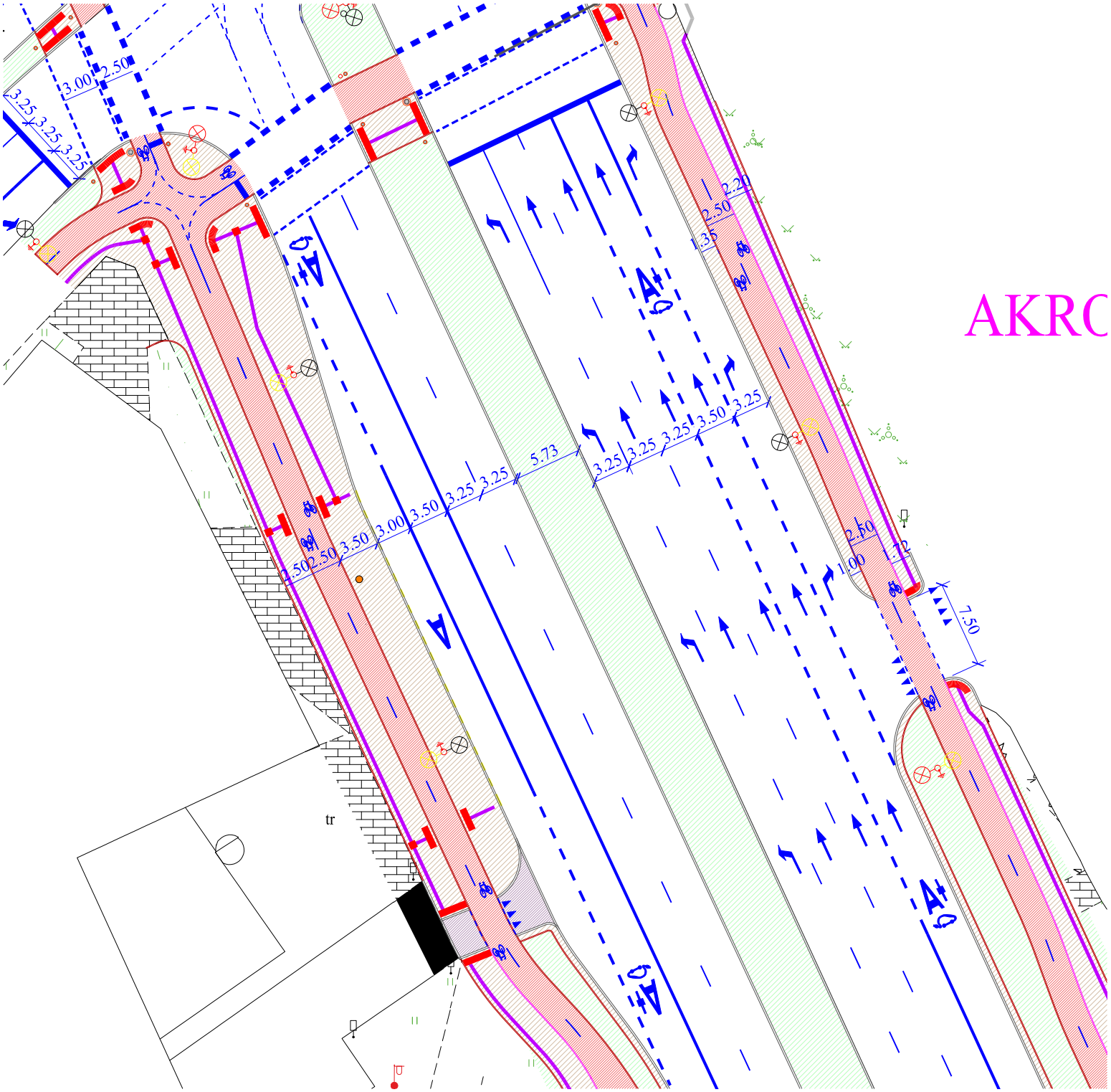
DIALux

Taikos pr. praplatėjimas prie Akropolio



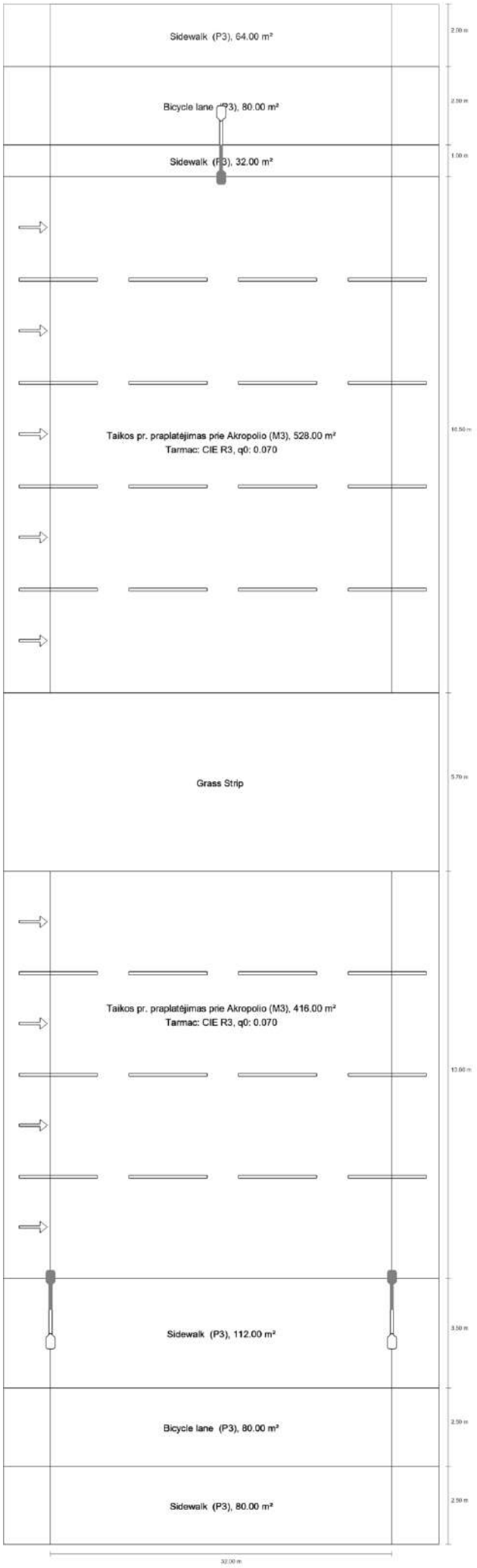
Created with DIALux




3.00
2.50
3.25
3.25
3.25
3.25
2.20
2.50
1.35
3.25
3.50
3.25
3.25
5.73
3.25
3.25
3.25
3.50
3.25
3.00
3.50
3.25
3.25
2.50
3.50
2.50
2.50
1.72
1.00
7.50
tr

Summary (according to EN 13201:2015)

DIALux

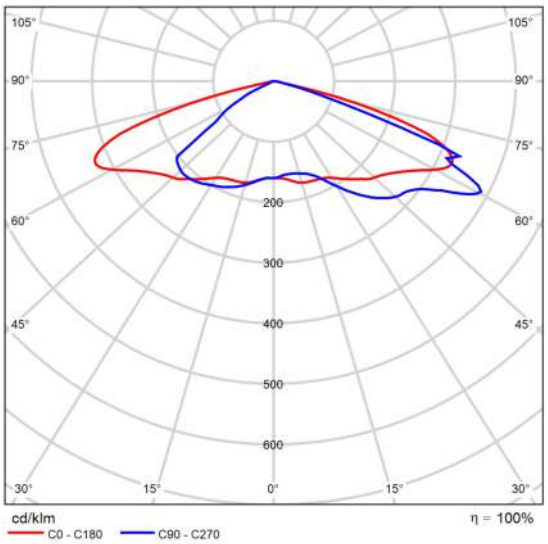


Product data sheet

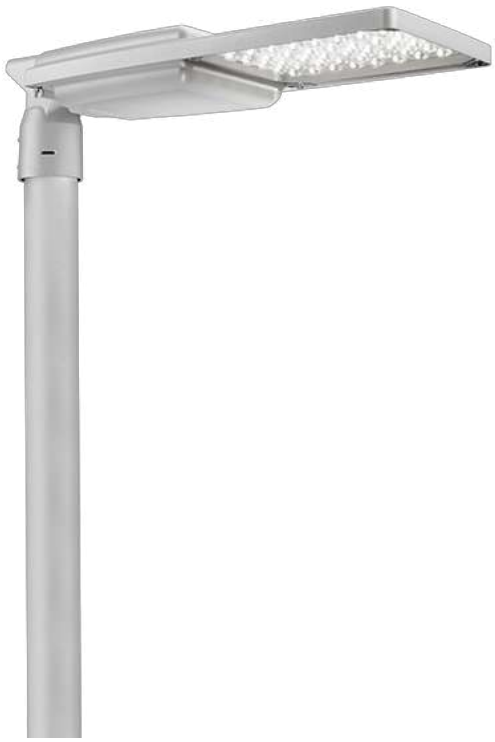
CARIBONI GROUP - KOINE'-M R4-4K 131W 660mA PB-01

Article No.	01KO3E866016AHM4

P	131.0 W
Φ_{Lamp}	19990 lm
$\Phi_{Luminaire}$	19990 lm
η	100.00 %
Luminous efficacy	152.6 lm/W
CCT	4000 K
CRI	70



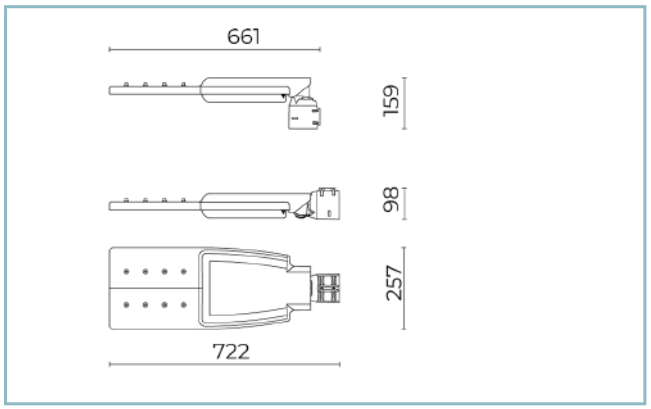
Polar LDC

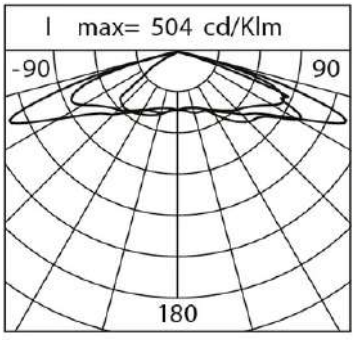


Koinè Pole System
Size: medium
Color Temperature: 4000 K
Type of optics: PB-01 Low pole

01KO3E866016AHM4
Colour: Grey RAL9006







General Features

Description: LED street fixture
Insulation class: class II
Rated voltage: 220-240 V 50/60 Hz
Protection Grade: IP66
Impact protection: IK09
Surge protection device: integrated 10kV-10kA
Power Factor: > 0.9
Ambient temperature Ta: -30°C +50°C
Weight: 6.2 kg
Max exposed surface: 0.155 m^2
Lateral exposed surface: 0.039 m^2
Common mode surge protection: 10 kV
Overvoltage protection differential mode: 10 kV
Drivers: included
Lifetime driver: >100.000h @Ta25°C
Marks and Certifications: ENEC / CE

Source flow:	23245 lm
Source power:	121.5 W
Source efficiency:	191 lm/W
Device flow:	19990 lm
Device power:	131 W
Appliance efficiency:	152 lm/W
Glare Index Category:	D3

Source: LED R4
Color Temperature: 4000 K
Color Rendering Index (CRI): ≥ 70
Color Consistency (SDCM): ≤ 3
Type of optics: PB-01 Low pole
Optical group life: >100.000h @Ta25°C L90B10
Photobiological safety class: EXEMPT GROUP
ULOR: 0%
DLOR: 100%
Light intensity category: G*4
BUG rating: B3-U0-G3

Normative References

EN60598-1, EN60598-2-3, EN61547; EN62471, EN55015, EN61000-3-2, EN61000-3-3

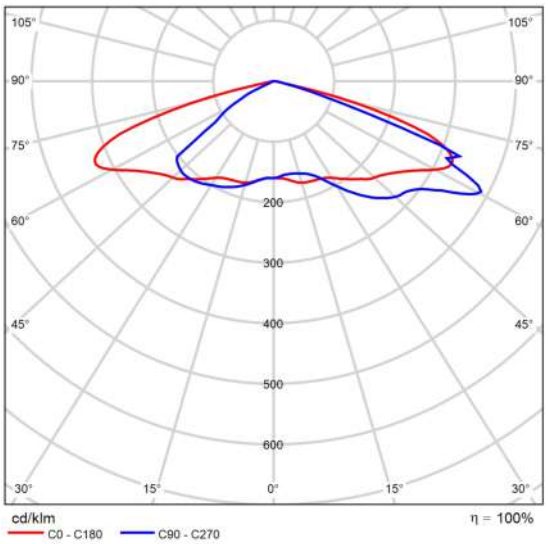
Installation and maintenance

Installation: side pole / arm
Pole diameter: Ø 46 - 60 - 76 mm
Tilt: post top 0 +90° (step 5°); arm 0 -90° (step 5°)
Ø power cable: 10 ÷ 14 mm
Cable Gland: PG16
Power supply compartment: independent from the optical group

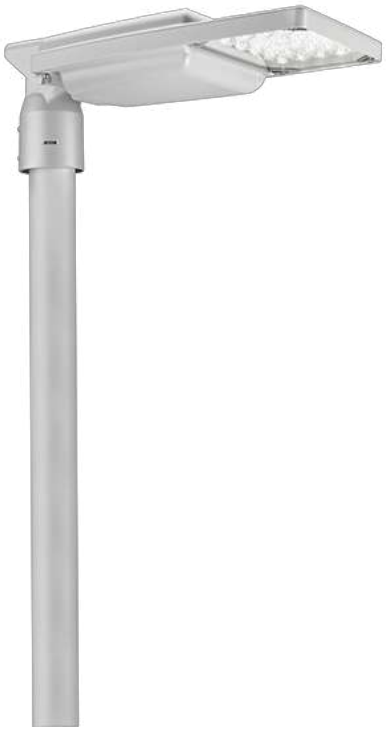
Product data sheet

CARIBONI GROUP - KOINE'-S R1-3K 12W 210mA PB-01

Article No.	01KO1B221916AHM4
P	12.0 W
Φ_{Lamp}	1670 lm
$\Phi_{Luminaire}$	1670 lm
η	100.00 %
Luminous efficacy	139.2 lm/W
CCT	3000 K
CRI	70



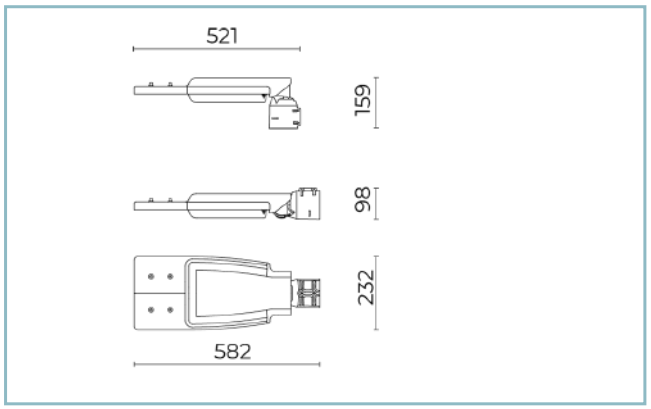
Polar LDC

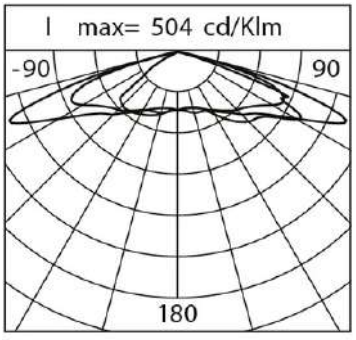


Koinè Pole System
Size: small
Color Temperature: 3000 K
Type of optics: PB-01 Low pole

01KO1B221916AHM4
Colour: Grey RAL9006







General Features

Description: LED street fixture

Insulation class: class II

Rated voltage: 220-240 V 50/60 Hz

Protection Grade: IP66

Impact protection: IK09

Surge protection device: integrated 10kV-10kA

Power Factor: > 0.9

Ambient temperature Ta: -30°C +50°C

Weight: 4.2 kg

Max exposed surface: 0.11 m^2

Lateral exposed surface: 0.035 m^2

Common mode surge protection: 10 kV

Overvoltage protection differential mode: 10 kV

Drivers: included

Lifetime driver: >100.000h @Ta25°C

Marks and Certifications: ENEC / CE

Source flow:	1940 lm
Source power:	9 W
Source efficiency:	215 lm/W
Device flow:	1670 lm
Device power:	12 W
Appliance efficiency:	139 lm/W
Glare Index Category:	D6

Source: LED R1

Color Temperature: 3000 K

Color Rendering Index (CRI): ≥ 70

Color Consistency (SDCM): ≤ 3

Type of optics: PB-01 Low pole

Optical group life: >100.000h @Ta25°C L90B10

Photobiological safety class: EXEMPT GROUP

ULOR: 0%

DLOR: 100%

Light intensity category: G*4

BUG rating: B1-U0-G0

Normative References

EN60598-1, EN60598-2-3, EN61547; EN62471, EN55015, EN61000-3-2, EN61000-3-3

Installation and maintenance

Installation: side pole / arm

Pole diameter: Ø 46 - 60 - 76 mm

Tilt: post top 0 +90° (step 5°); arm 0 -90° (step 5°)

Ø power cable: 10 ÷ 14 mm

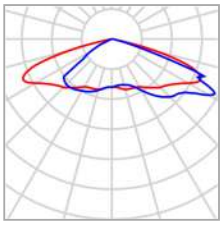
Cable Gland: PG16

Power supply compartment: independent from the optical group

DIALux

Taikos pr. praplatėjimas prie Akropolio

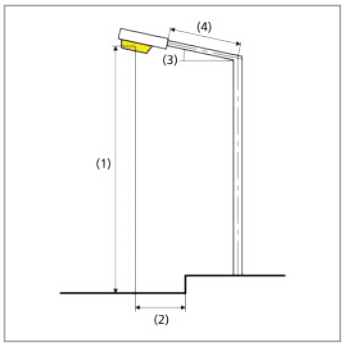
Summary (according to EN 13201:2015)





Manufacturer	CARIBONI GROUP	P	131.0 W
Article No.	01KO3E866016AHM4	Φ_{Lamp}	19990 lm
Article name	KOINE'-M R4-4K 131W 660mA PB-01	$\Phi_{Luminaire}$	19990 lm
		η	100.00 %
Fitting	1x LED R4 4K D540		

KOINE'-M R4-4K 131W 660mA PB-01 (both sides offset)

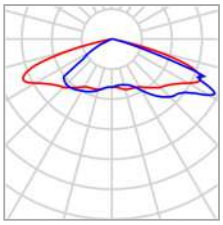


Pole distance	32.000 m
(1) Light spot height	10.000 m
(2) Light point overhang	0.000 m
(3) Boom inclination	0.0°
(4) Boom length	1.000 m
Annual operating hours	4000 h: 100.0 %, 131.0 W
Wattage / route	8122.0 W/km
ULR / ULOR	0.00 / 0.00
Max. luminous intensities Any direction forming the specified angle from the downward vertical, with the luminaire installed for use.	≥ 70°: 462 cd/klm ≥ 80°: 42.0 cd/klm ≥ 90°: 0.00 cd/klm
Luminous intensity class The luminous intensity values in [cd/klm] for calculation of the luminous intensity class refer to the luminaire luminous flux according to EN 13201:2015.	G*4
Glare index class	D.3
MF	0.80

DIALux

Taikos pr. praplatėjimas prie Akropolio

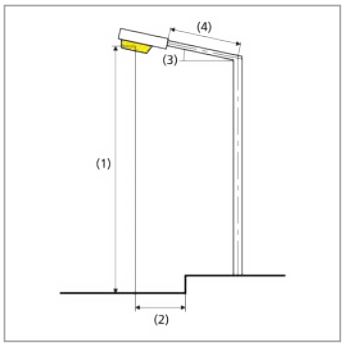
Summary (according to EN 13201:2015)





Manufacturer	CARIBONI GROUP	P	12.0 W
Article No.	01KO1B221916AHM4	Φ_{Lamp}	1670 lm
Article name	KOINE'-S R1-3K 12W 210mA PB-01	$\Phi_{Luminaire}$	1670 lm
Fitting	1x LED R1 3K D210	η	100.00 %

KOINE'-S R1-3K 12W 210mA PB-01 (both sides offset)



Pole distance	32.000 m
(1) Light spot height	8.000 m
(2) Light point overhang	0.000 m
(3) Boom inclination	0.0°
(4) Boom length	1.000 m
Annual operating hours	4000 h: 100.0 %, 12.0 W
Wattage / route	744.0 W/km
ULR / ULOR	0.00 / 0.00
Max. luminous intensities Any direction forming the specified angle from the downward vertical, with the luminaire installed for use.	≥ 70°: 462 cd/klm ≥ 80°: 42.0 cd/klm ≥ 90°: 0.00 cd/klm
Luminous intensity class The luminous intensity values in [cd/klm] for calculation of the luminous intensity class refer to the luminaire luminous flux according to EN 13201:2015.	G*4
Glare index class	D.6
MF	0.80

Taikos pr. praplatėjimas prie Akropolio

Summary (according to EN 13201:2015)

Results for valuation fields

A maintenance factor of 0.80 was used for calculating for the installation.

	Symbol	Calculated	Target	Check
Sidewalk (P3)	E_{av}	17.41 lx	[7.50 - 11.25] lx	✓
	E_{min}	10.18 lx	≥ 1.50 lx	✓
Bicycle lane (P3)	E_{av}	20.56 lx	[7.50 - 11.25] lx	✓
	E_{min}	12.41 lx	≥ 1.50 lx	✓
Sidewalk (P3)	E_{av}	22.06 lx	[7.50 - 11.25] lx	✓
	E_{min}	14.51 lx	≥ 1.50 lx	✓
Taikos pr. praplatėjimas prie Akropolio (M3)	L_{av}	1.08 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.60	≥ 0.40	✓
	U_l	0.80	≥ 0.60	✓
	TI	11 %	≤ 15 %	✓
	R_{EI}	1.04	≥ 0.30	✓
Taikos pr. praplatėjimas prie Akropolio (M3)	L_{av}	1.15 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.56	≥ 0.40	✓
	U_l	0.80	≥ 0.60	✓
	TI	11 %	≤ 15 %	✓
	R_{EI}	0.99	≥ 0.30	✓
Sidewalk (P3)	E_{av}	20.99 lx	[7.50 - 11.25] lx	✓
	E_{min}	12.45 lx	≥ 1.50 lx	✓
Bicycle lane (P3)	E_{av}	16.97 lx	[7.50 - 11.25] lx	✓
	E_{min}	9.62 lx	≥ 1.50 lx	✓
Sidewalk (P3)	E_{av}	12.69 lx	[7.50 - 11.25] lx	✓

Taikos pr. praplatėjimas prie Akropolio

Summary (according to EN 13201:2015)

	Symbol	Calculated	Target	Check
	E_{min}	7.28 lx	≥ 1.50 lx	✓

Results for energy efficiency indicators

	Symbol	Calculated	Energy Consumption
Taikos pr. praplatėjimas prie Akropolio	D_p	0.000 W/lx*m²	
KOINE'-M R4-4K 131W 660mA PB-01 (both sides offset)	D_e	0.8 kWh/m² yr	1048.0 kWh/yr
KOINE'-S R1-3K 12W 210mA PB-01 (both sides offset)	D_e	0.1 kWh/m² yr	96.0 kWh/yr

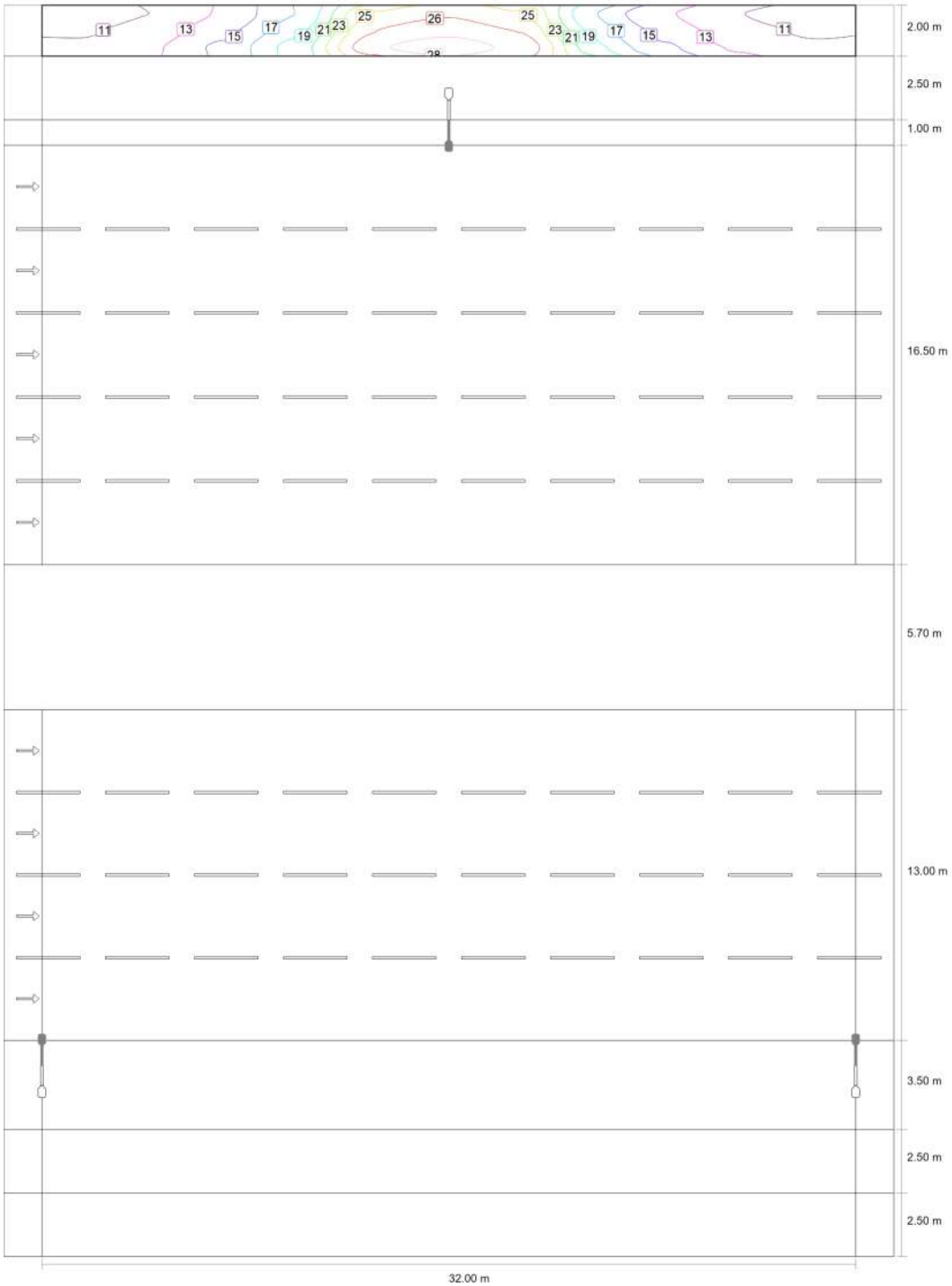
Sidewalk (P3)

Results for valuation field

	Symbol	Calculated	Target	Check
Sidewalk (P3)	E_{av}	17.41 lx	[7.50 - 11.25] lx	✓
	E_{min}	10.18 lx	≥ 1.50 lx	✓

Taikos pr. praplatėjimas prie Akropolio

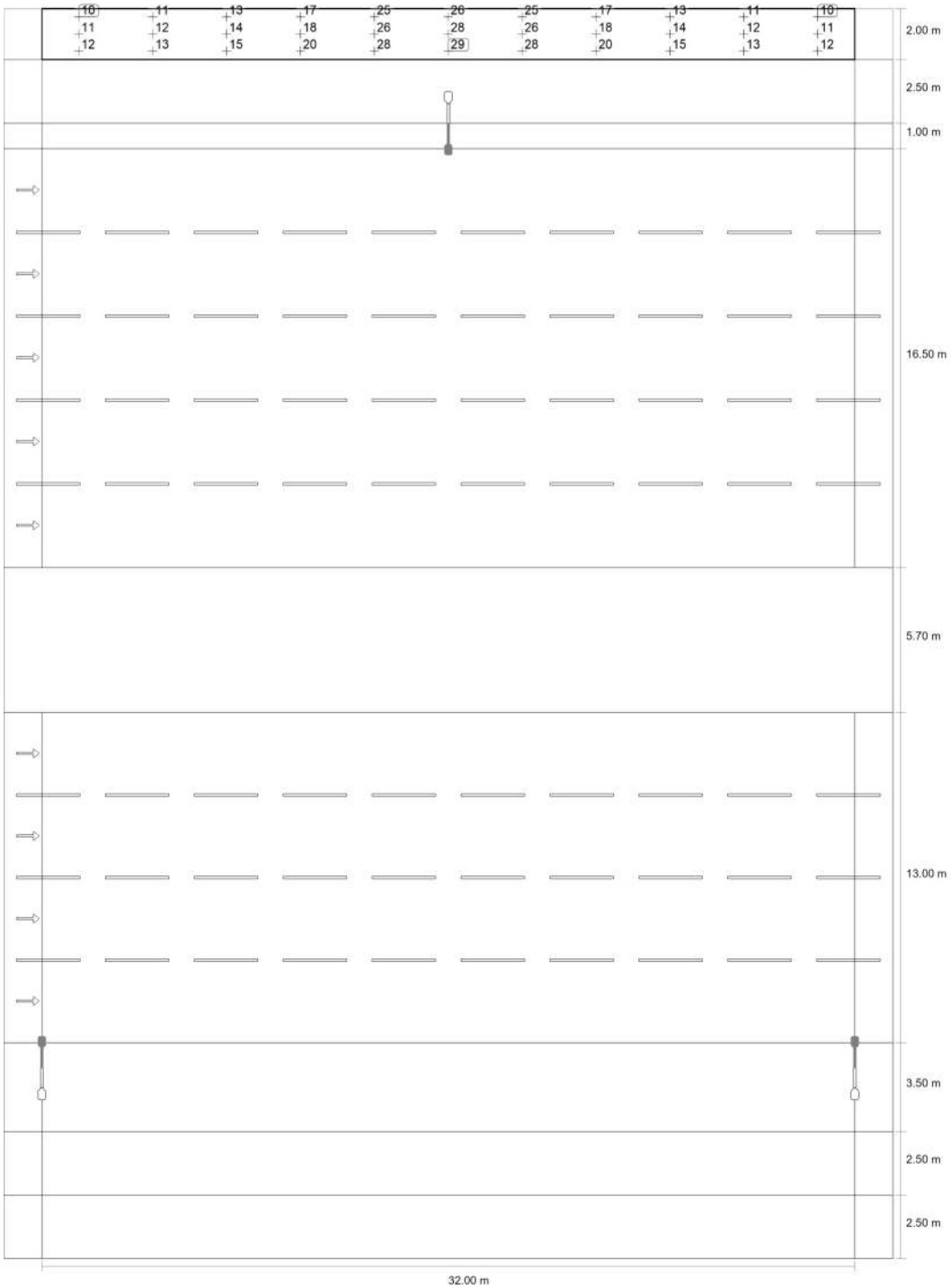
Sidewalk (P3)



Maintenance value, horizontal illuminance [lx] (Iso-illuminance curves)

Taikos pr. praplatėjimas prie Akropolio

Sidewalk (P3)



Maintenance value, horizontal illuminance [lx] (Value grid)

Taikos pr. praplatėjimas prie Akropolio

Sidewalk (P3)

m	1.455	4.364	7.273	10.182	13.091	16.000	18.909	21.818	24.727	27.636	30.545
48.867	10.18	11.14	13.26	16.95	24.81	26.30	24.81	16.95	13.26	11.14	10.18
48.200	10.90	11.94	14.34	18.31	26.41	27.93	26.41	18.31	14.34	11.94	10.90
47.533	11.62	12.74	15.39	19.58	27.91	29.35	27.91	19.58	15.39	12.74	11.62

Maintenance value, horizontal illuminance [lx] (Value chart)

	E_{av}	E_{min}	E_{max}	U_o (g_1)	g_2
Maintenance value, horizontal illuminance	17.4 lx	10.2 lx	29.3 lx	0.58	0.35

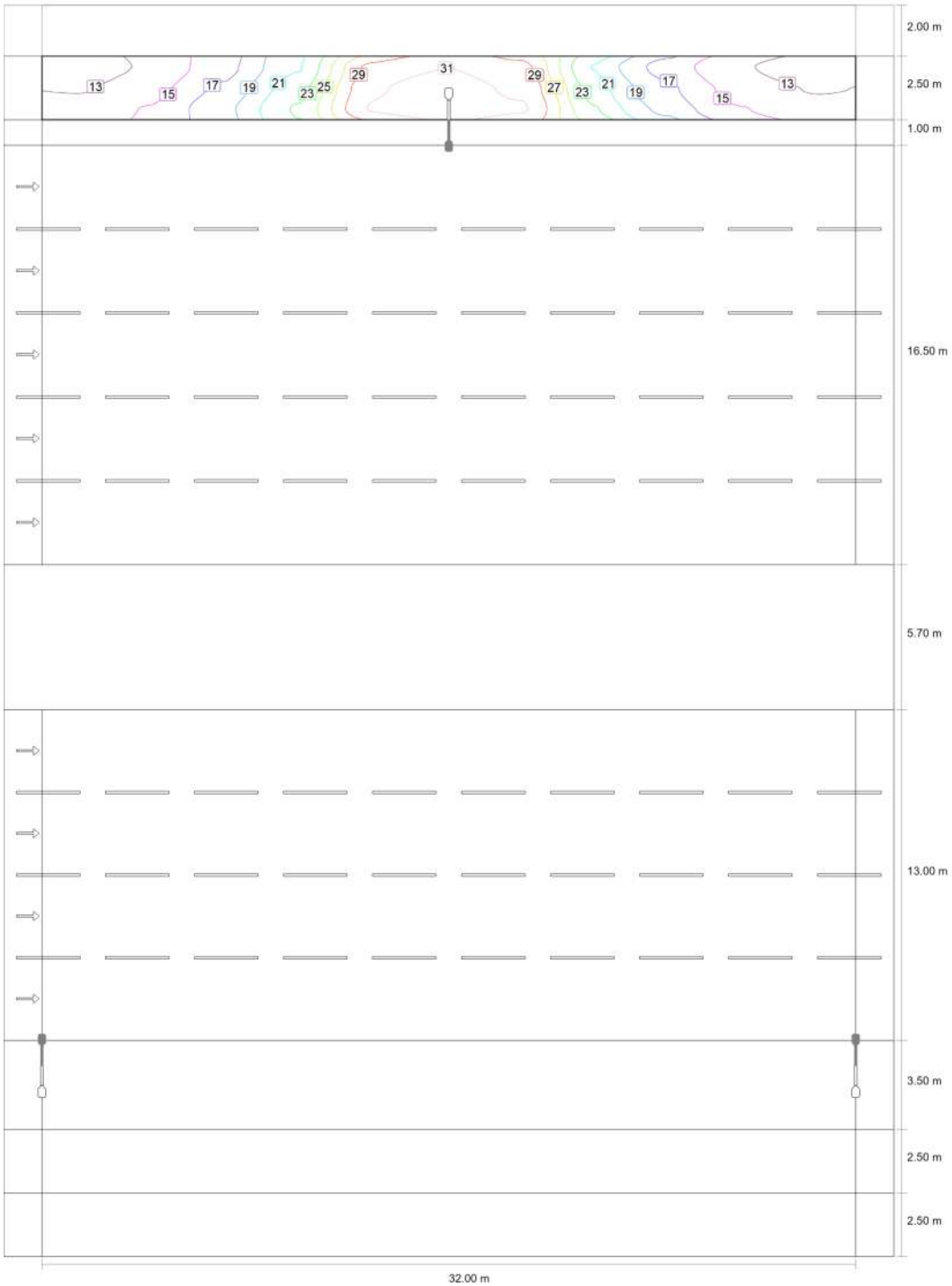
Bicycle lane (P3)

Results for valuation field

	Symbol	Calculated	Target	Check
Bicycle lane (P3)	E_{av}	20.56 lx	[7.50 - 11.25] lx	✓
	E_{min}	12.41 lx	≥ 1.50 lx	✓

Taikos pr. praplatėjimas prie Akropolio

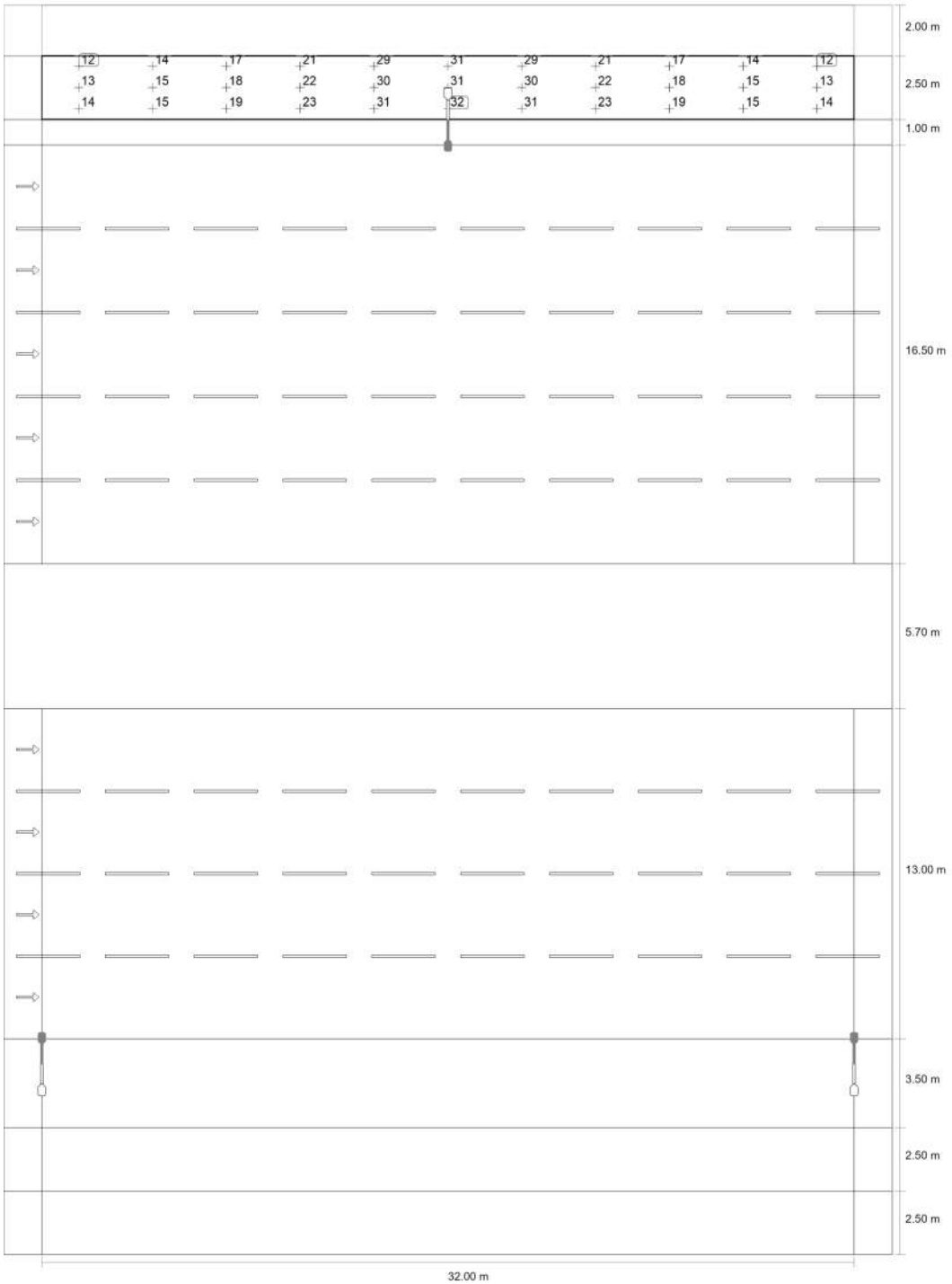
Bicycle lane (P3)



Maintenance value, horizontal illuminance [lx] (Iso-illuminance curves)

Taikos pr. praplatėjimas prie Akropolio

Bicycle lane (P3)



Maintenance value, horizontal illuminance [lx] (Value grid)

Taikos pr. praplatėjimas prie Akropolio

Bicycle lane (P3)

m	1.455	4.364	7.273	10.182	13.091	16.000	18.909	21.818	24.727	27.636	30.545
46.783	12.41	13.61	16.50	20.91	29.25	30.59	29.25	20.91	16.50	13.61	12.41
45.950	13.25	14.54	17.62	22.16	30.24	31.42	30.24	22.16	17.62	14.54	13.25
45.117	14.08	15.42	18.59	23.14	30.80	31.56	30.80	23.14	18.59	15.42	14.08

Maintenance value, horizontal illuminance [lx] (Value chart)

	E_{av}	E_{min}	E_{max}	U_o (g_1)	g_2
Maintenance value, horizontal illuminance	20.6 lx	12.4 lx	31.6 lx	0.60	0.39

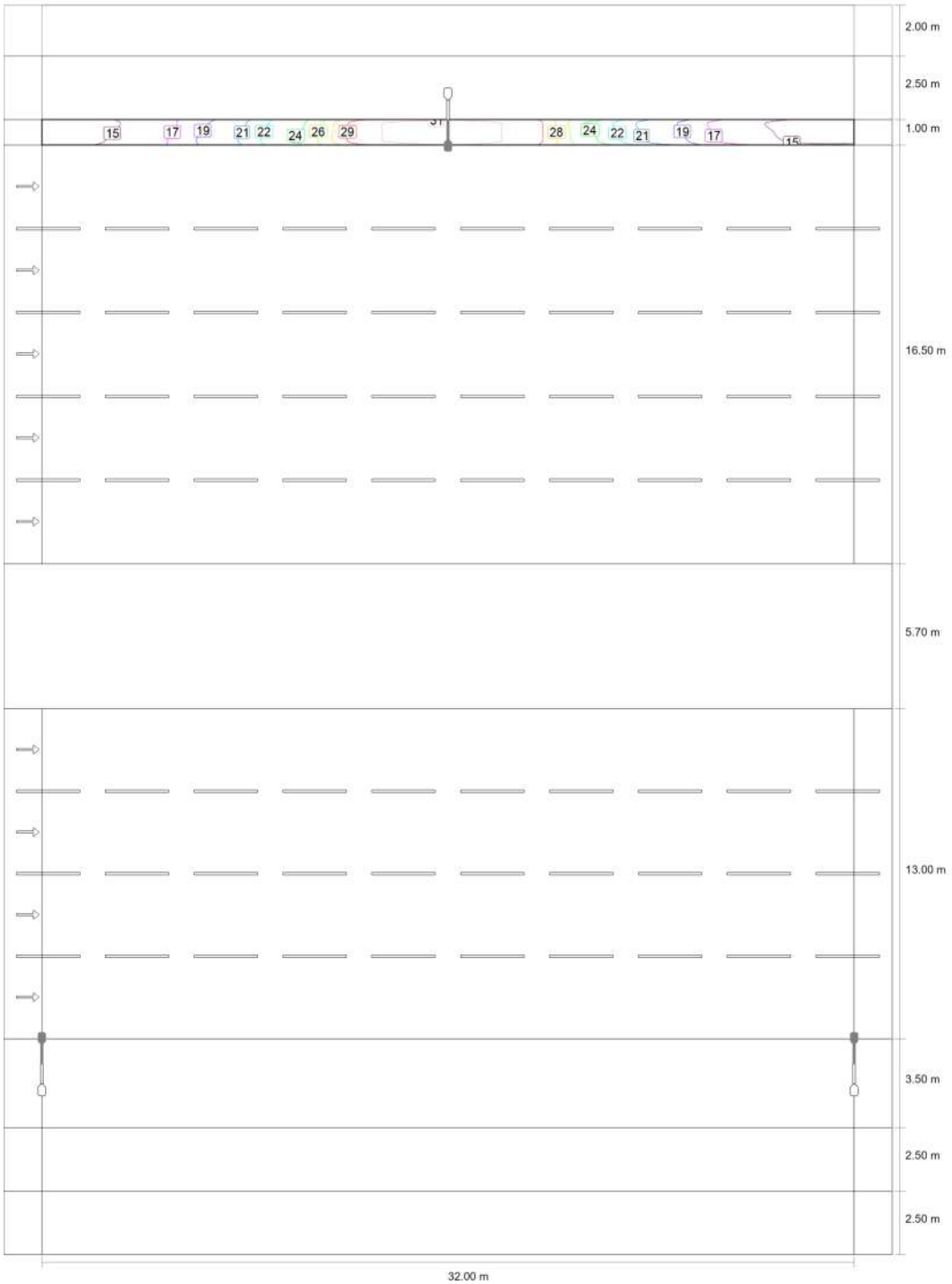
Sidewalk (P3)

Results for valuation field

	Symbol	Calculated	Target	Check
Sidewalk (P3)	E_{av}	22.06 lx	[7.50 - 11.25] lx	✓
	E_{min}	14.51 lx	≥ 1.50 lx	✓

Taikos pr. praplatėjimas prie Akropolio

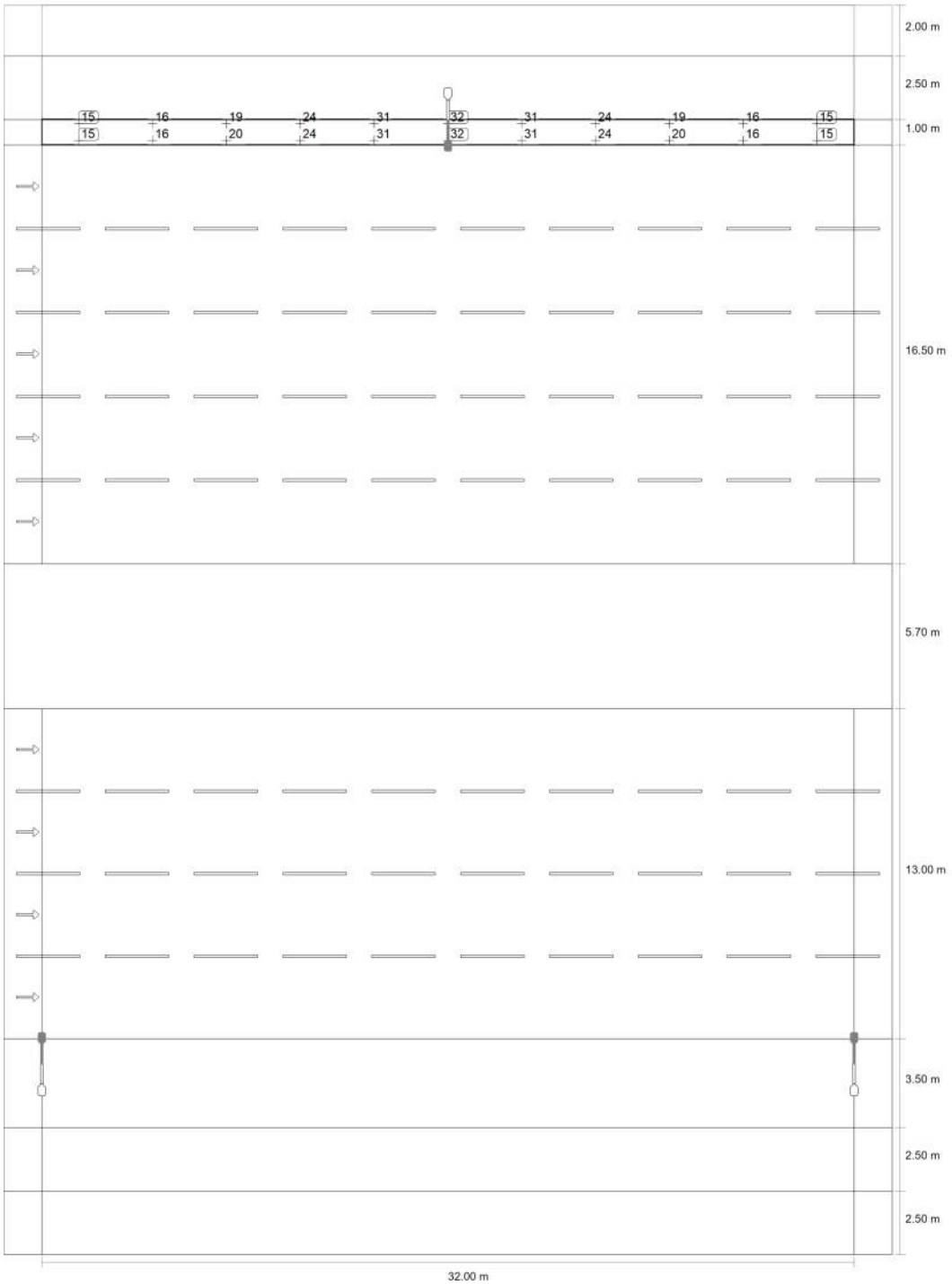
Sidewalk (P3)



Maintenance value, horizontal illuminance [lx] (Iso-illuminance curves)

Taikos pr. praplatėjimas prie Akropolio

Sidewalk (P3)



Maintenance value, horizontal illuminance [lx] (Value grid)

Taikos pr. praplatėjimas prie Akropolio

Sidewalk (P3)

m	1.455	4.364	7.273	10.182	13.091	16.000	18.909	21.818	24.727	27.636	30.545
44.533	14.51	15.97	19.27	23.72	30.94	31.60	30.94	23.72	19.27	15.97	14.51
44.200	14.72	16.24	19.60	24.05	30.90	31.74	30.90	24.05	19.60	16.24	14.72
43.867	14.92	16.50	19.90	24.26	30.87	31.93	30.87	24.26	19.90	16.50	14.92

Maintenance value, horizontal illuminance [lx] (Value chart)

	E_{av}	E_{min}	E_{max}	U_o (g_1)	g_2
Maintenance value, horizontal illuminance	22.1 lx	14.5 lx	31.9 lx	0.66	0.45

Taikos pr. praplatėjimas prie Akropolio

Taikos pr. praplatėjimas prie Akropolio (M3)

Results for valuation field

	Symbol	Calculated	Target	Check
Taikos pr. praplatėjimas prie Akropolio (M3)	L_{av}	1.08 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.60	≥ 0.40	✓
	U_l	0.80	≥ 0.60	✓
	TI	11 %	≤ 15 %	✓
	R_{EI}	1.04	≥ 0.30	✓

Results for observer

	Symbol	Calculated	Target	Check
Observer 1 Position: -60.000 m, 28.850 m, 1.500 m	L_{av}	1.26 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.60	≥ 0.40	✓
	U_l	0.91	≥ 0.60	✓
	TI	3 %	≤ 15 %	✓
Observer 2 Position: -60.000 m, 32.150 m, 1.500 m	L_{av}	1.23 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.61	≥ 0.40	✓
	U_l	0.85	≥ 0.60	✓
	TI	4 %	≤ 15 %	✓
Observer 3 Position: -60.000 m, 35.450 m, 1.500 m	L_{av}	1.18 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.63	≥ 0.40	✓
	U_l	0.88	≥ 0.60	✓
	TI	7 %	≤ 15 %	✓

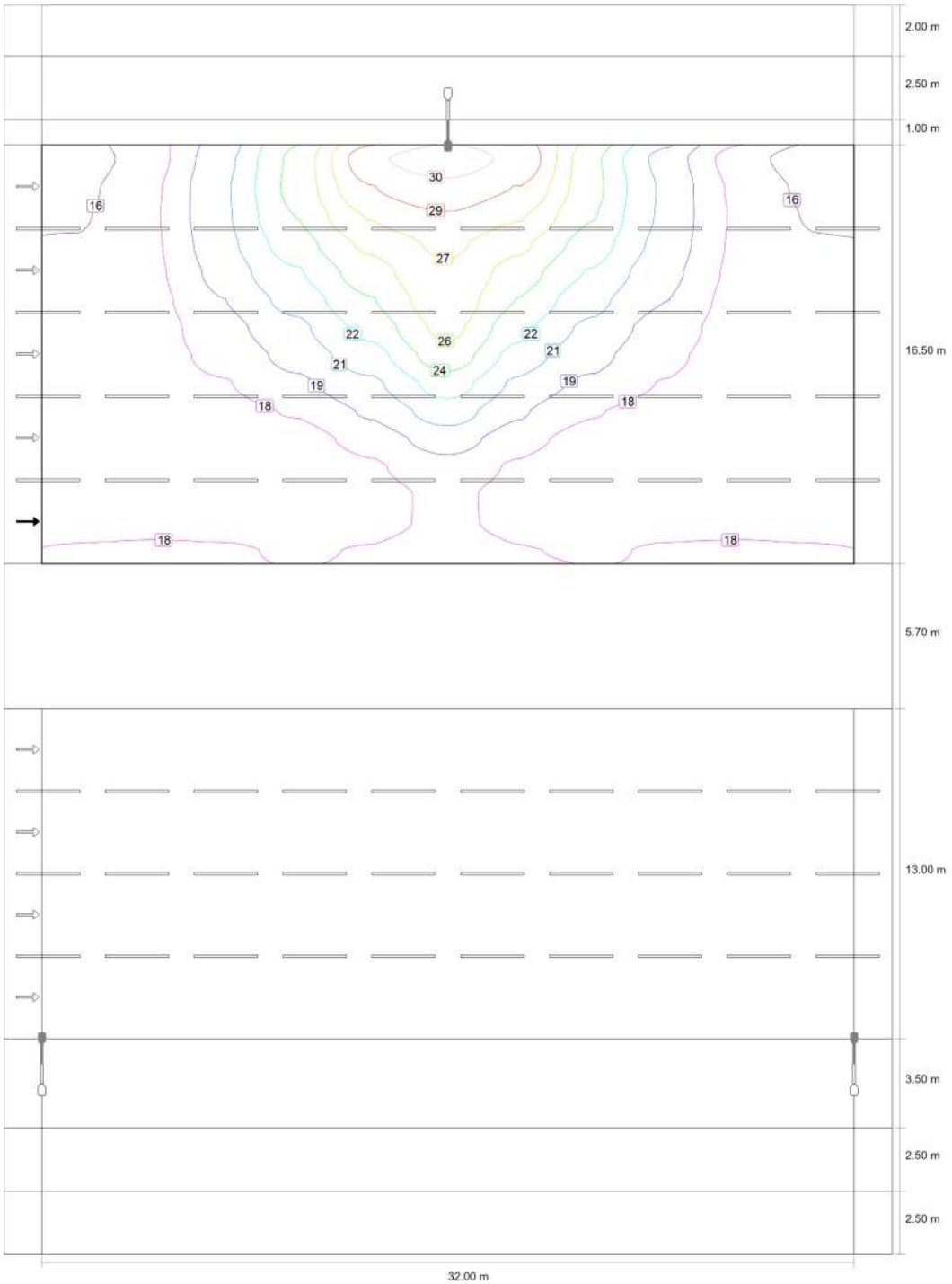
Taikos pr. praplatėjimas prie Akropolio

Taikos pr. praplatėjimas prie Akropolio (M3)

	Symbol	Calculated	Target	Check
Observer 4 Position: -60.000 m, 38.750 m, 1.500 m	L_{av}	1.14 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.65	≥ 0.40	✓
	U_l	0.91	≥ 0.60	✓
	TI	9 %	≤ 15 %	✓
Observer 5 Position: -60.000 m, 42.050 m, 1.500 m	L_{av}	1.08 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.68	≥ 0.40	✓
	U_l	0.80	≥ 0.60	✓
	TI	11 %	≤ 15 %	✓

Taikos pr. praplatėjimas prie Akropolio

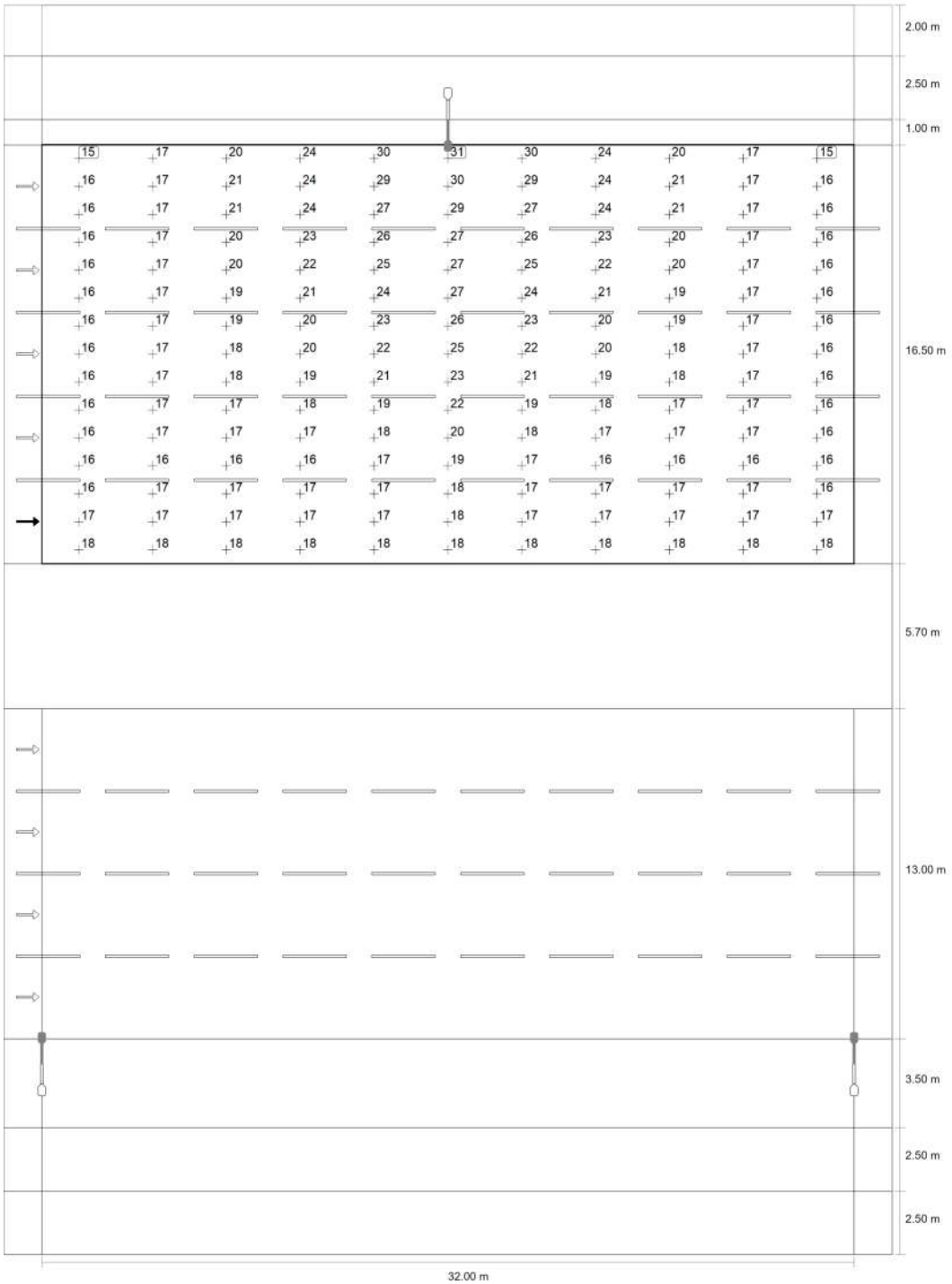
Taikos pr. praplatėjimas prie Akropolio (M3)



Maintenance value, horizontal illuminance [lx] (Iso-illuminance curves)

Taikos pr. praplatėjimas prie Akropolio

Taikos pr. praplatėjimas prie Akropolio (M3)



Maintenance value, horizontal illuminance [lx] (Value grid)

Taikos pr. praplatėjimas prie Akropolio

Taikos pr. praplatėjimas prie Akropolio (M3)

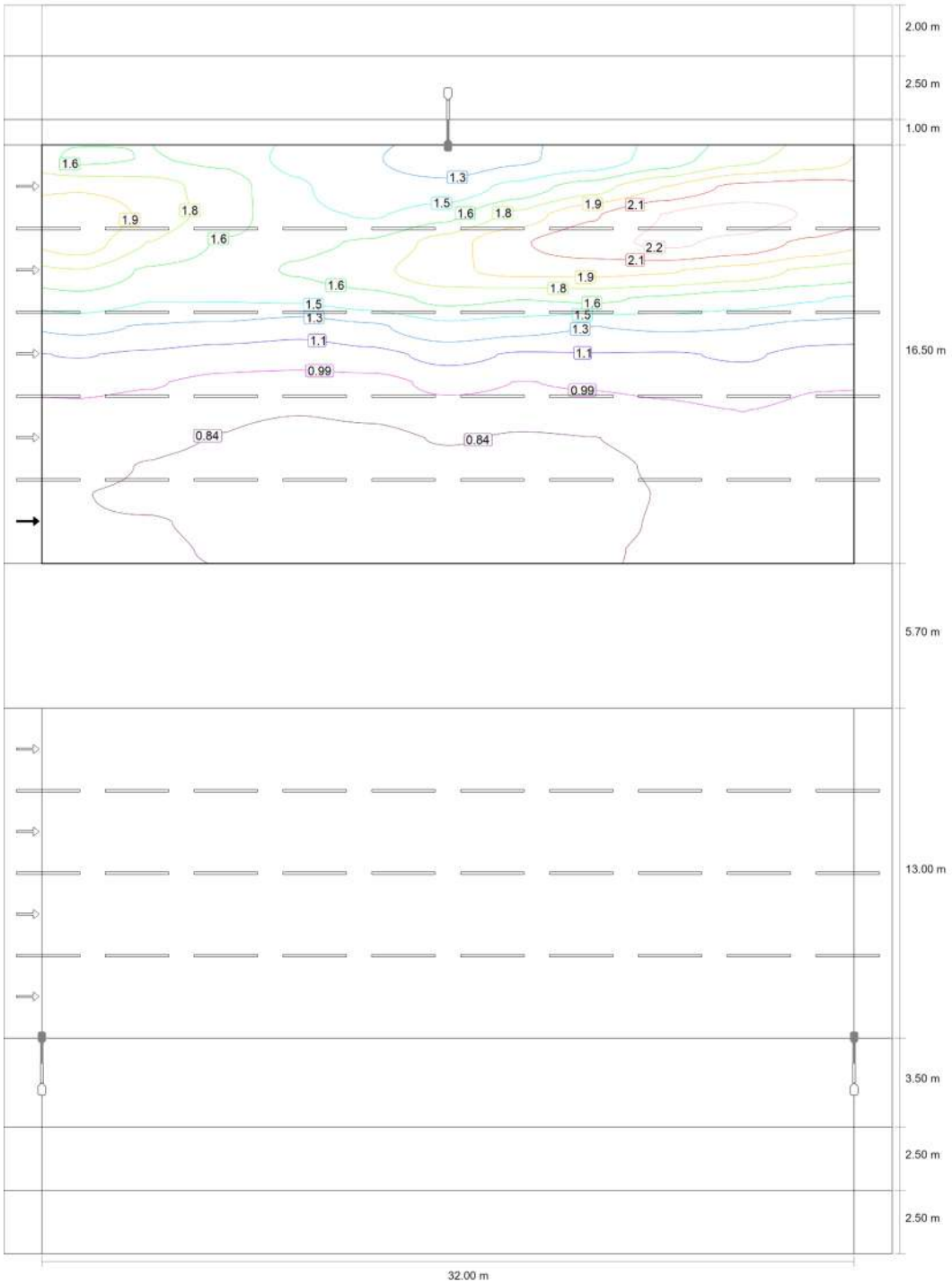
m	1.455	4.364	7.273	10.182	13.091	16.000	18.909	21.818	24.727	27.636	30.545
43.150	15.30	16.91	20.31	24.41	29.97	31.14	29.97	24.41	20.31	16.91	15.30
42.050	15.77	17.31	20.61	24.50	28.71	29.86	28.71	24.50	20.61	17.31	15.77
40.950	15.97	17.41	20.57	24.07	27.33	28.63	27.33	24.07	20.57	17.41	15.97
39.850	16.14	17.36	20.31	23.27	25.95	27.47	25.95	23.27	20.31	17.36	16.14
38.750	16.14	17.25	19.82	22.30	24.88	26.93	24.88	22.30	19.82	17.25	16.14
37.650	16.12	17.08	19.27	21.40	23.96	26.64	23.96	21.40	19.27	17.08	16.12
36.550	16.14	16.94	18.60	20.50	22.93	26.02	22.93	20.50	18.60	16.94	16.14
35.450	16.18	17.00	18.06	19.81	21.78	24.94	21.78	19.81	18.06	17.00	16.18
34.350	16.32	16.96	17.60	18.90	20.54	23.17	20.54	18.90	17.60	16.96	16.32
33.250	16.44	16.83	17.12	17.81	19.49	21.62	19.49	17.81	17.12	16.83	16.44
32.150	16.33	16.58	16.65	16.99	18.34	19.97	18.34	16.99	16.65	16.58	16.33
31.050	16.20	16.38	16.38	16.40	17.45	18.64	17.45	16.40	16.38	16.38	16.20
29.950	16.40	16.61	16.71	16.53	17.18	17.96	17.18	16.53	16.71	16.61	16.40
28.850	17.07	17.28	17.31	17.08	17.37	17.88	17.37	17.08	17.31	17.28	17.07
27.750	17.79	17.85	17.76	17.60	17.73	18.12	17.73	17.60	17.76	17.85	17.79

Maintenance value, horizontal illuminance [lx] (Value chart)

	E_{av}	E_{min}	E_{max}	U_o (g_1)	g_2
Maintenance value, horizontal illuminance	19.3 lx	15.3 lx	31.1 lx	0.79	0.49

Taikos pr. praplatėjimas prie Akropolio

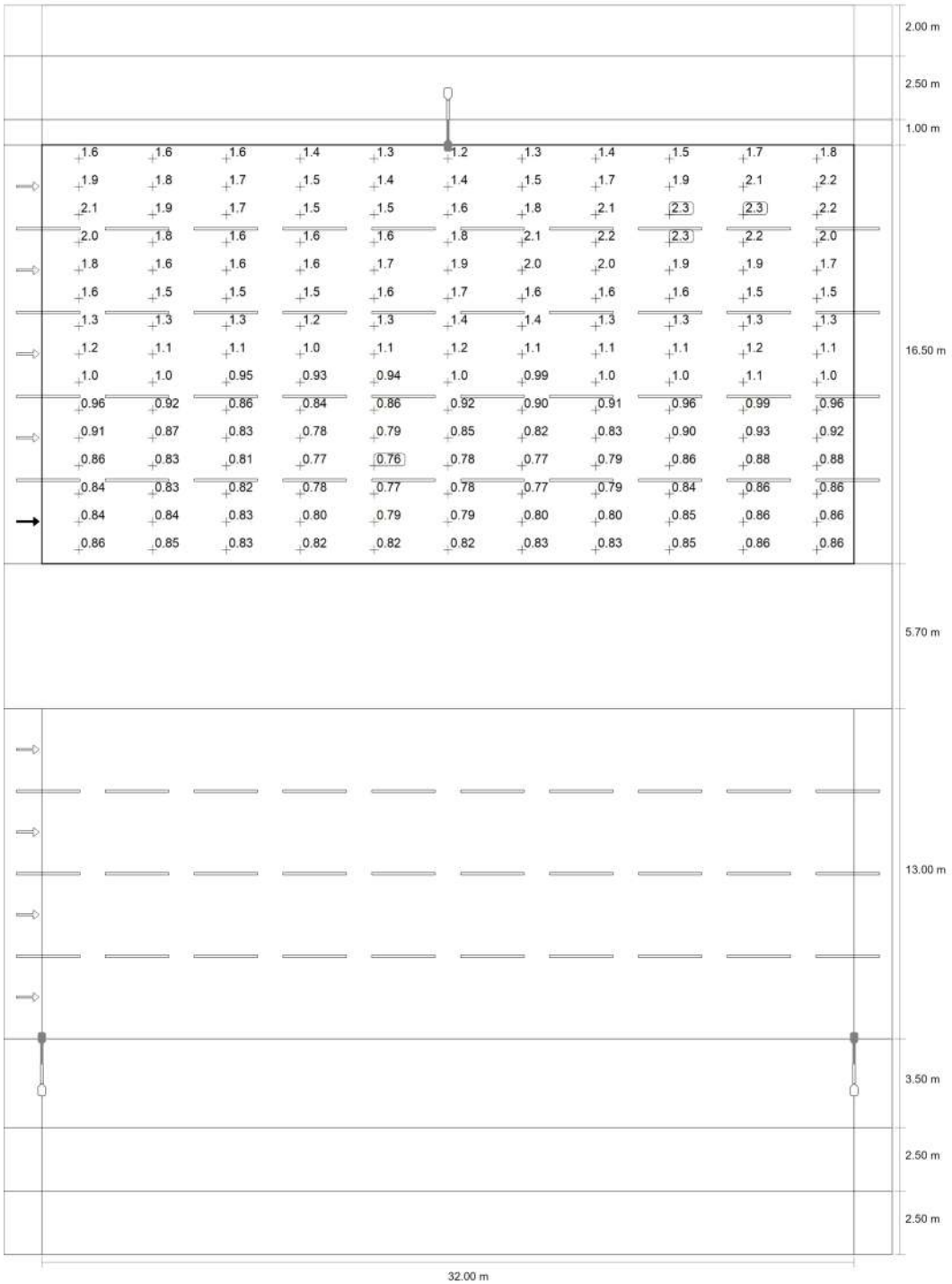
Taikos pr. praplatėjimas prie Akropolio (M3)



Observer 1: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas prie Akropolio

Taikos pr. praplatėjimas prie Akropolio (M3)



Observer 1: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

Taikos pr. praplatėjimas prie Akropolio

Taikos pr. praplatėjimas prie Akropolio (M3)

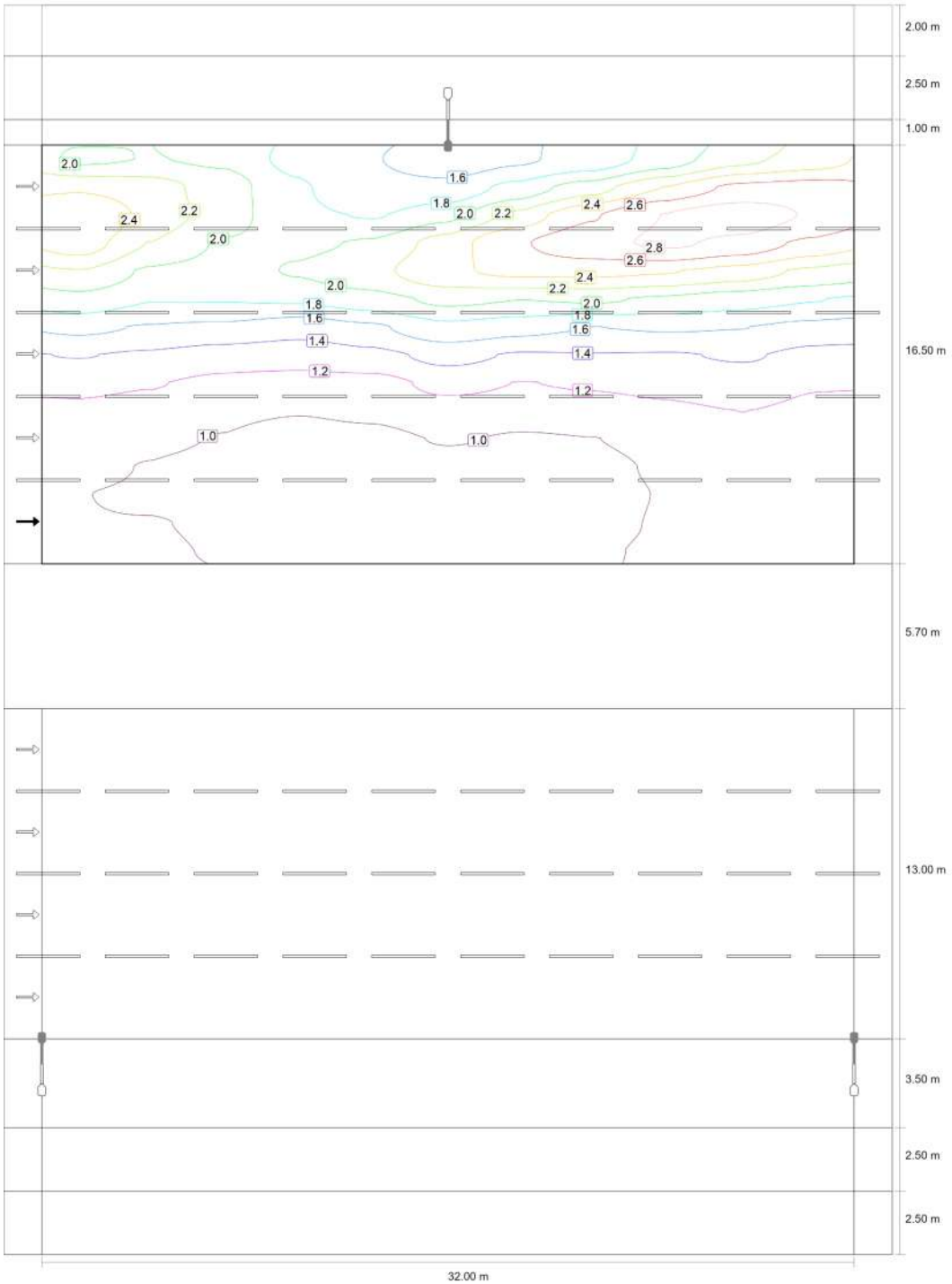
m	1.455	4.364	7.273	10.182	13.091	16.000	18.909	21.818	24.727	27.636	30.545
43.150	1.59	1.62	1.58	1.40	1.32	1.22	1.28	1.36	1.54	1.73	1.83
42.050	1.91	1.85	1.70	1.49	1.37	1.36	1.52	1.71	1.94	2.13	2.15
40.950	2.08	1.90	1.70	1.51	1.45	1.57	1.82	2.07	2.25	2.32	2.23
39.850	2.01	1.77	1.60	1.58	1.64	1.84	2.07	2.19	2.27	2.19	2.04
38.750	1.77	1.59	1.57	1.63	1.72	1.89	1.97	1.97	1.94	1.87	1.74
37.650	1.55	1.47	1.47	1.48	1.55	1.65	1.62	1.64	1.59	1.53	1.47
36.550	1.34	1.29	1.27	1.21	1.28	1.41	1.36	1.31	1.32	1.31	1.25
35.450	1.16	1.12	1.07	1.05	1.10	1.19	1.13	1.14	1.14	1.17	1.10
34.350	1.03	1.00	0.95	0.93	0.94	1.04	0.99	1.01	1.04	1.06	1.00
33.250	0.96	0.92	0.86	0.84	0.86	0.92	0.90	0.91	0.96	0.99	0.96
32.150	0.91	0.87	0.83	0.78	0.79	0.85	0.82	0.83	0.90	0.93	0.92
31.050	0.86	0.83	0.81	0.77	0.76	0.78	0.77	0.79	0.86	0.88	0.88
29.950	0.84	0.83	0.82	0.78	0.77	0.78	0.77	0.79	0.84	0.86	0.86
28.850	0.84	0.84	0.83	0.80	0.79	0.79	0.80	0.80	0.85	0.86	0.86
27.750	0.86	0.85	0.83	0.82	0.82	0.82	0.83	0.83	0.85	0.86	0.86

Observer 1: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 1: Maintenance value, luminance with dry roadway	1.26 cd/m²	0.76 cd/m²	2.32 cd/m²	0.60	0.33

Taikos pr. praplatėjimas prie Akropolio

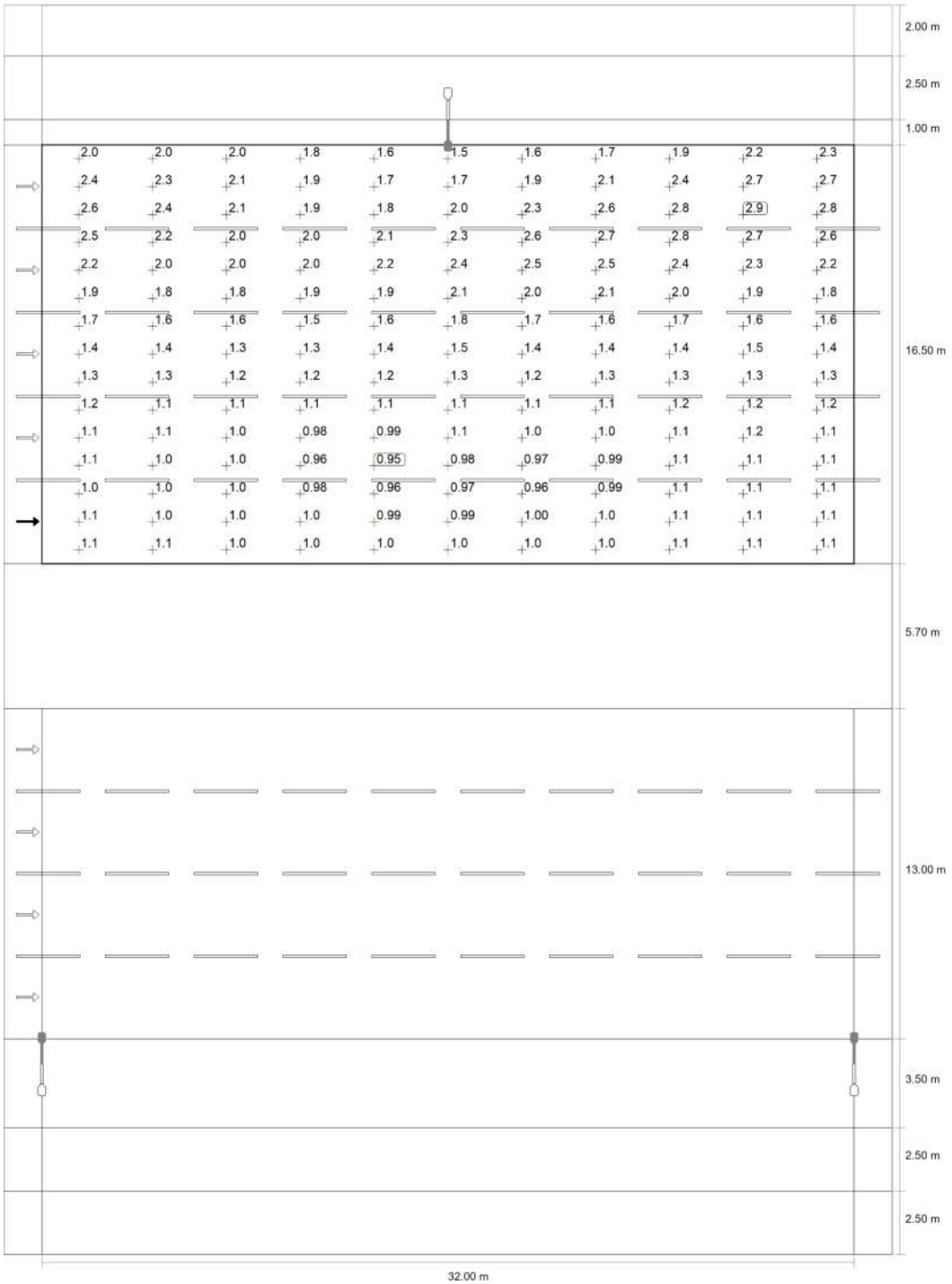
Taikos pr. praplatėjimas prie Akropolio (M3)



Observer 1: Luminance with new installation [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas prie Akropolio

Taikos pr. praplatėjimas prie Akropolio (M3)



Observer 1: Luminance with new installation [cd/m²] (Value grid)

Taikos pr. praplatėjimas prie Akropolio

Taikos pr. praplatėjimas prie Akropolio (M3)

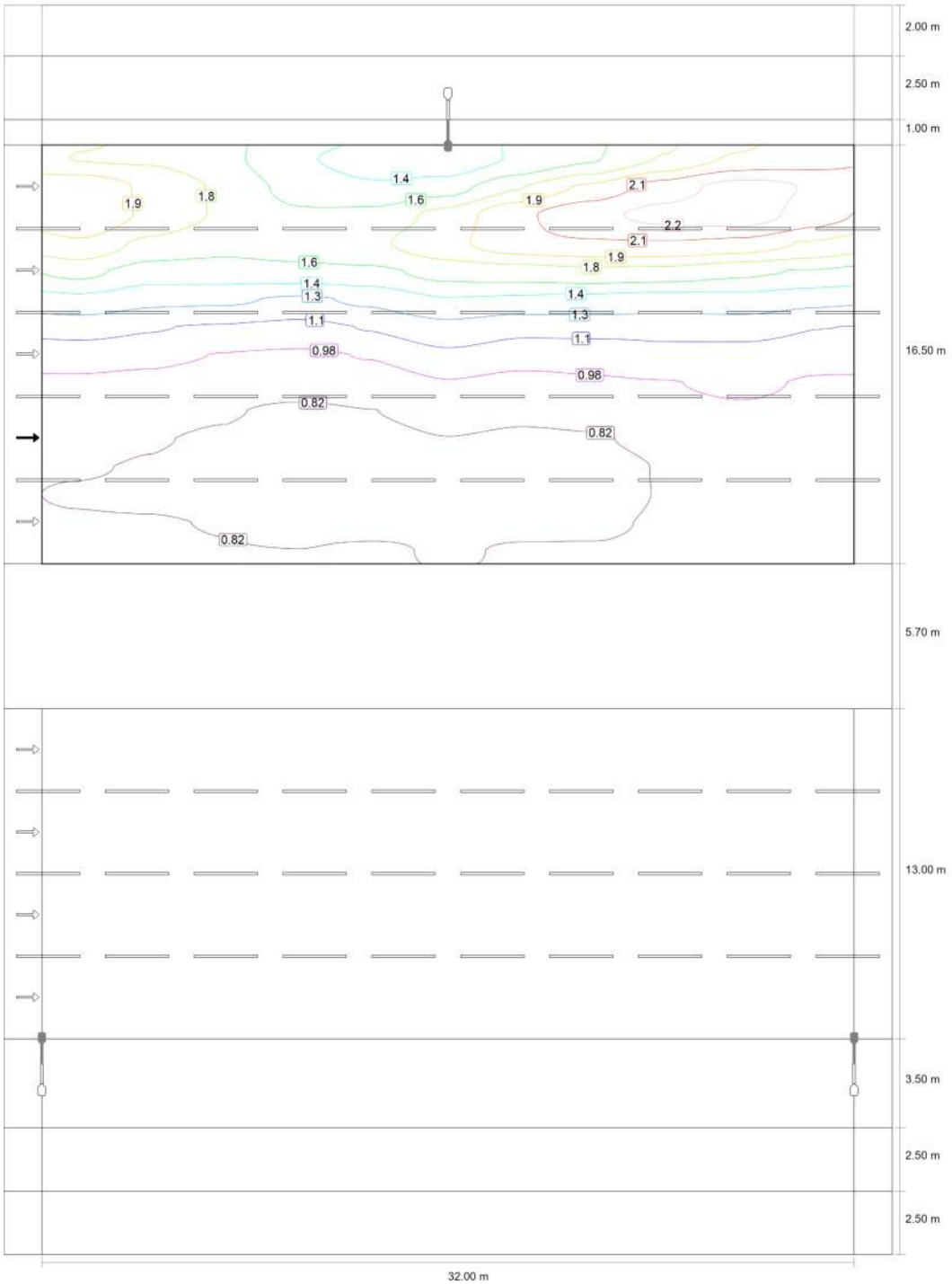
m	1.455	4.364	7.273	10.182	13.091	16.000	18.909	21.818	24.727	27.636	30.545
43.150	1.98	2.03	1.98	1.75	1.65	1.52	1.60	1.71	1.92	2.16	2.29
42.050	2.39	2.31	2.13	1.86	1.71	1.70	1.90	2.13	2.42	2.66	2.69
40.950	2.60	2.37	2.13	1.89	1.82	1.97	2.28	2.59	2.81	2.90	2.78
39.850	2.52	2.21	2.01	1.98	2.05	2.30	2.58	2.74	2.84	2.74	2.55
38.750	2.21	1.99	1.96	2.04	2.16	2.37	2.46	2.46	2.43	2.33	2.17
37.650	1.94	1.83	1.84	1.85	1.94	2.07	2.03	2.05	1.98	1.91	1.84
36.550	1.67	1.62	1.58	1.51	1.60	1.76	1.70	1.63	1.65	1.64	1.57
35.450	1.44	1.40	1.34	1.31	1.37	1.49	1.42	1.43	1.42	1.46	1.37
34.350	1.28	1.26	1.18	1.17	1.17	1.30	1.24	1.26	1.29	1.33	1.25
33.250	1.20	1.15	1.08	1.05	1.08	1.15	1.12	1.14	1.20	1.24	1.19
32.150	1.13	1.08	1.04	0.98	0.99	1.06	1.02	1.04	1.13	1.17	1.14
31.050	1.08	1.04	1.01	0.96	0.95	0.98	0.97	0.99	1.08	1.10	1.10
29.950	1.05	1.03	1.03	0.98	0.96	0.97	0.96	0.99	1.06	1.08	1.08
28.850	1.05	1.05	1.03	1.00	0.99	0.99	1.00	1.00	1.06	1.07	1.08
27.750	1.08	1.06	1.04	1.03	1.02	1.02	1.04	1.04	1.06	1.07	1.08

Observer 1: Luminance with new installation [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 1: Luminance with new installation	1.57 cd/m²	0.95 cd/m²	2.90 cd/m²	0.60	0.33

Taikos pr. praplatėjimas prie Akropolio

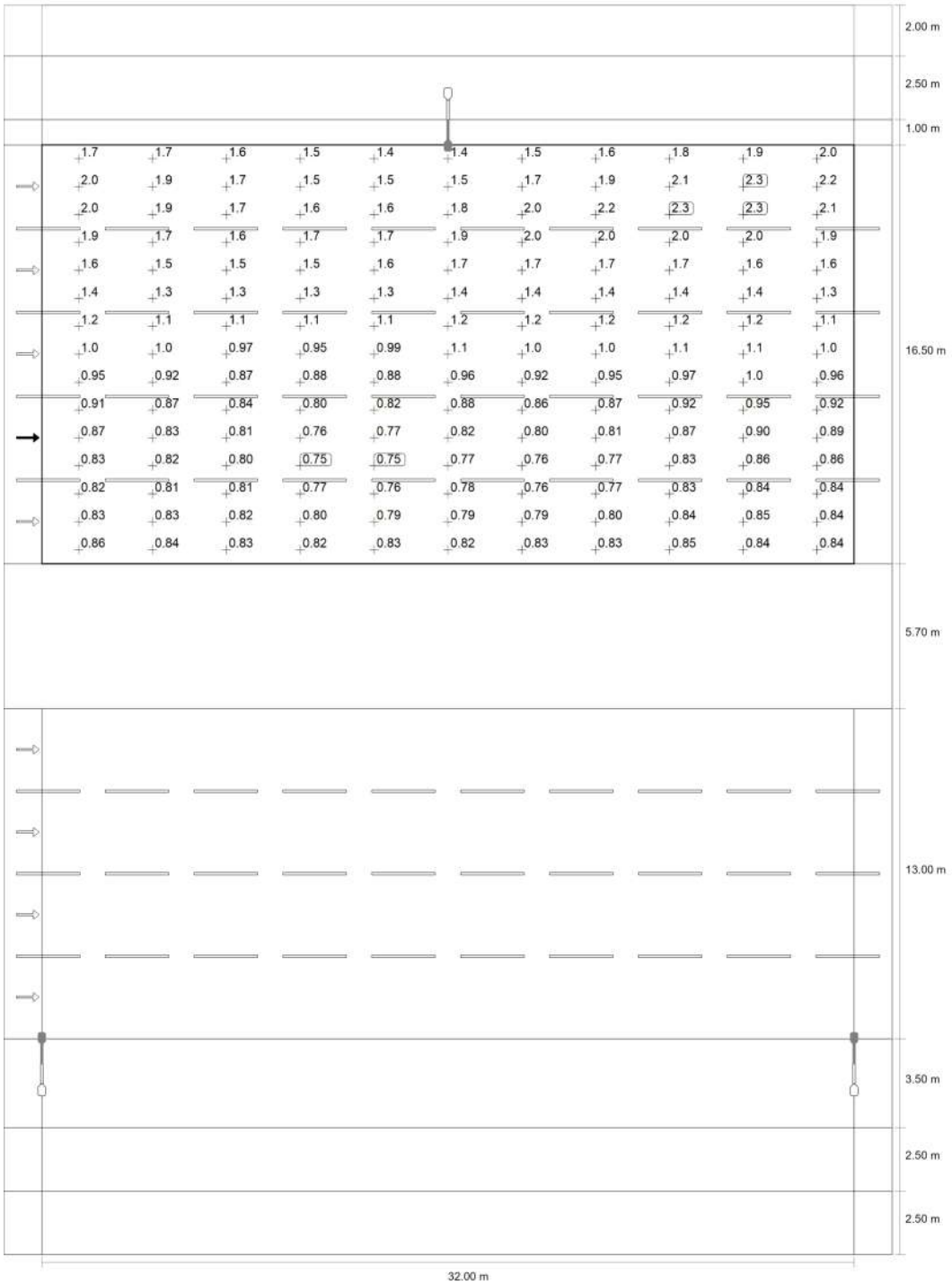
Taikos pr. praplatėjimas prie Akropolio (M3)



Observer 2: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas prie Akropolio

Taikos pr. praplatėjimas prie Akropolio (M3)



Observer 2: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

Taikos pr. praplatėjimas prie Akropolio

Taikos pr. praplatėjimas prie Akropolio (M3)

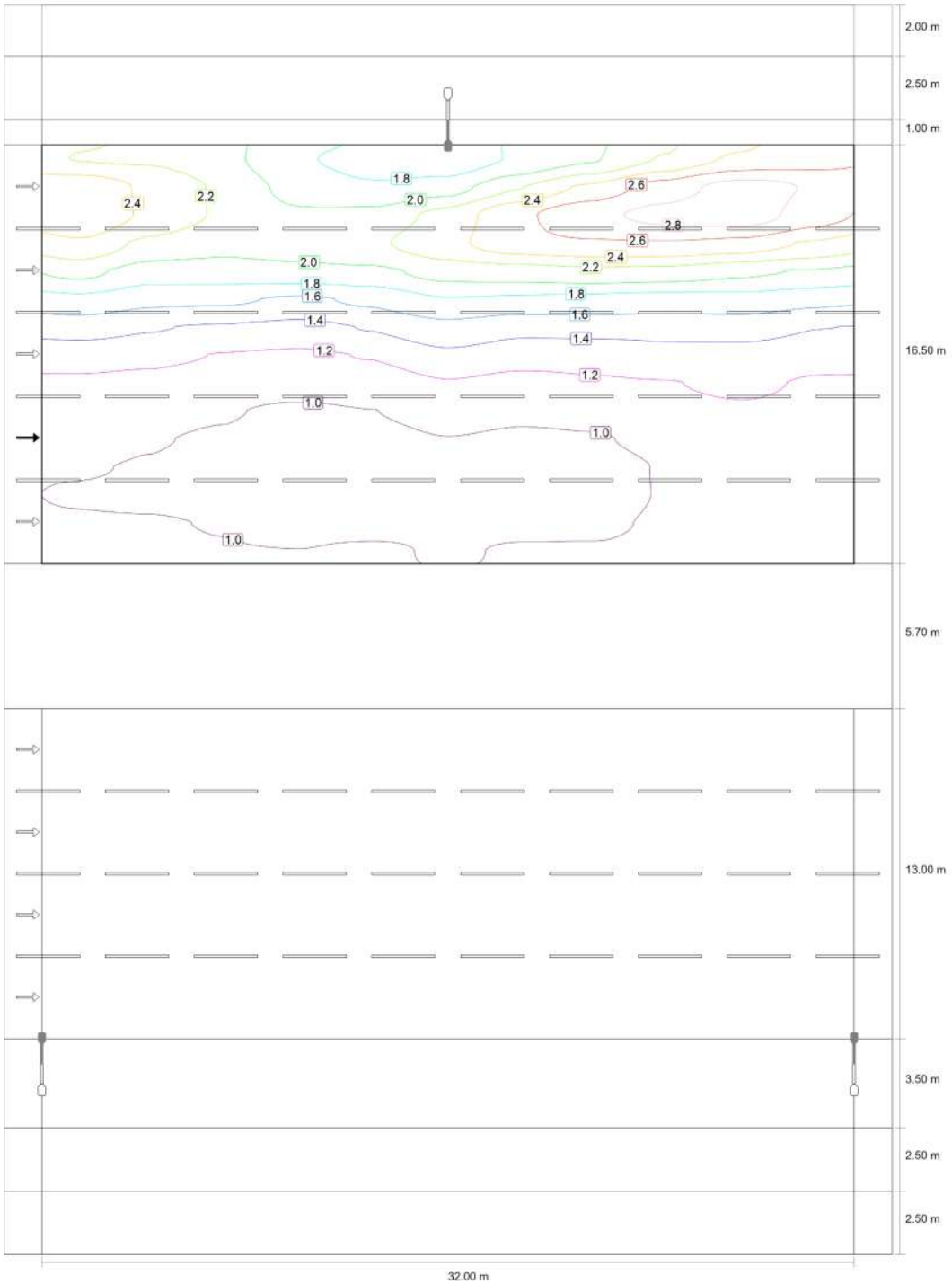
m	1.455	4.364	7.273	10.182	13.091	16.000	18.909	21.818	24.727	27.636	30.545
43.150	1.74	1.73	1.64	1.46	1.41	1.35	1.46	1.58	1.77	1.94	1.98
42.050	2.01	1.88	1.73	1.54	1.46	1.52	1.74	1.94	2.14	2.27	2.20
40.950	2.04	1.88	1.73	1.62	1.65	1.80	2.02	2.17	2.26	2.29	2.14
39.850	1.87	1.71	1.64	1.68	1.72	1.85	2.00	2.04	2.04	2.00	1.88
38.750	1.64	1.52	1.52	1.54	1.56	1.65	1.67	1.71	1.69	1.63	1.59
37.650	1.40	1.32	1.31	1.26	1.32	1.43	1.41	1.39	1.37	1.38	1.33
36.550	1.19	1.14	1.12	1.09	1.14	1.23	1.17	1.19	1.19	1.19	1.14
35.450	1.04	1.03	0.97	0.95	0.99	1.10	1.04	1.03	1.07	1.07	1.03
34.350	0.95	0.92	0.87	0.88	0.88	0.96	0.92	0.95	0.97	1.01	0.96
33.250	0.91	0.87	0.84	0.80	0.82	0.88	0.86	0.87	0.92	0.95	0.92
32.150	0.87	0.83	0.81	0.76	0.77	0.82	0.80	0.81	0.87	0.90	0.89
31.050	0.83	0.82	0.80	0.75	0.75	0.77	0.76	0.77	0.83	0.86	0.86
29.950	0.82	0.81	0.81	0.77	0.76	0.78	0.76	0.77	0.83	0.84	0.84
28.850	0.83	0.83	0.82	0.80	0.79	0.79	0.79	0.80	0.84	0.85	0.84
27.750	0.86	0.84	0.83	0.82	0.83	0.82	0.83	0.83	0.85	0.84	0.84

Observer 2: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 2: Maintenance value, luminance with dry roadway	1.23 cd/m²	0.75 cd/m²	2.29 cd/m²	0.61	0.33

Taikos pr. praplatėjimas prie Akropolio

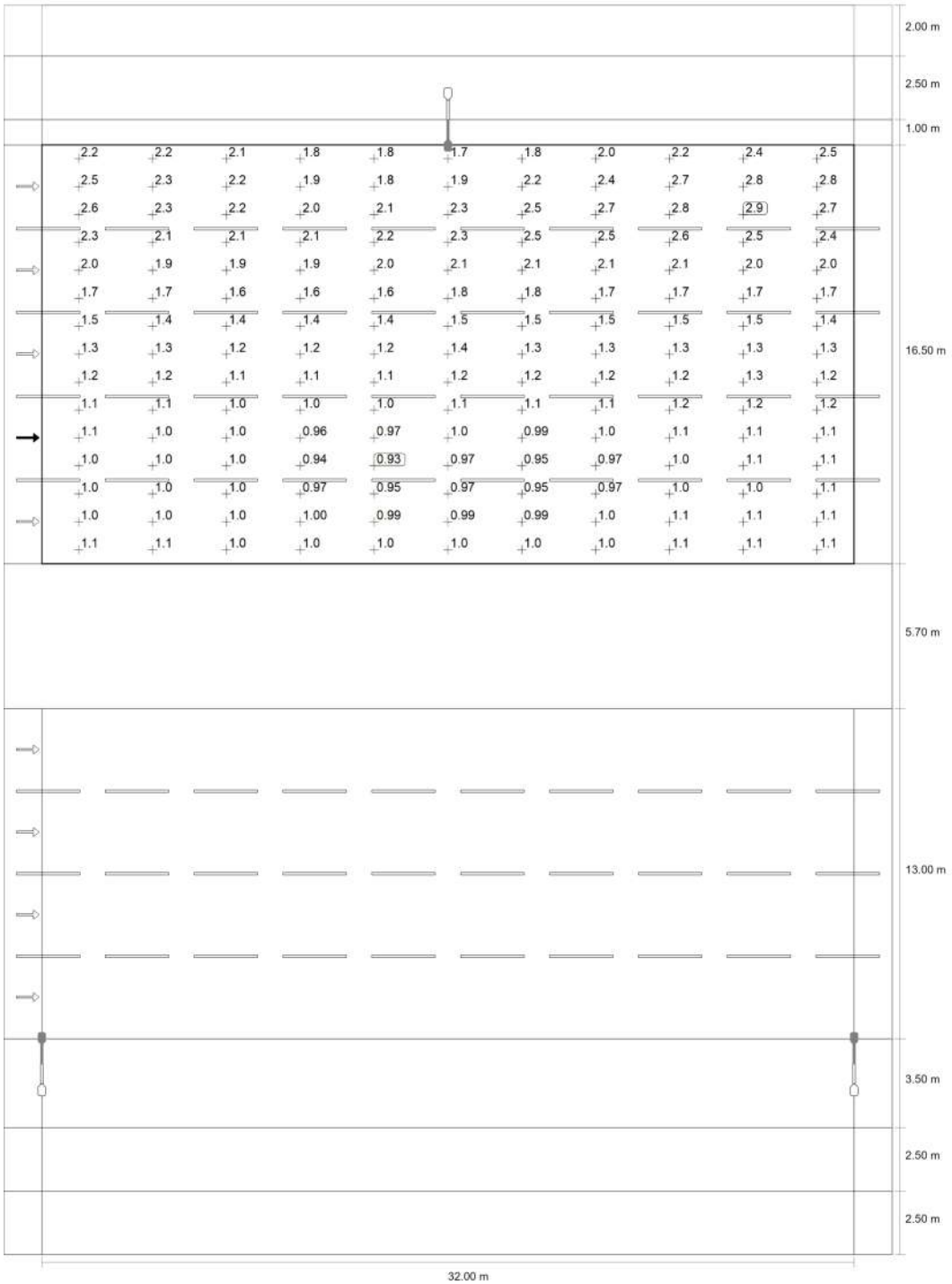
Taikos pr. praplatėjimas prie Akropolio (M3)



Observer 2: Luminance with new installation [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas prie Akropolio

Taikos pr. praplatėjimas prie Akropolio (M3)



Observer 2: Luminance with new installation [cd/m²] (Value grid)

Taikos pr. praplatėjimas prie Akropolio

Taikos pr. praplatėjimas prie Akropolio (M3)

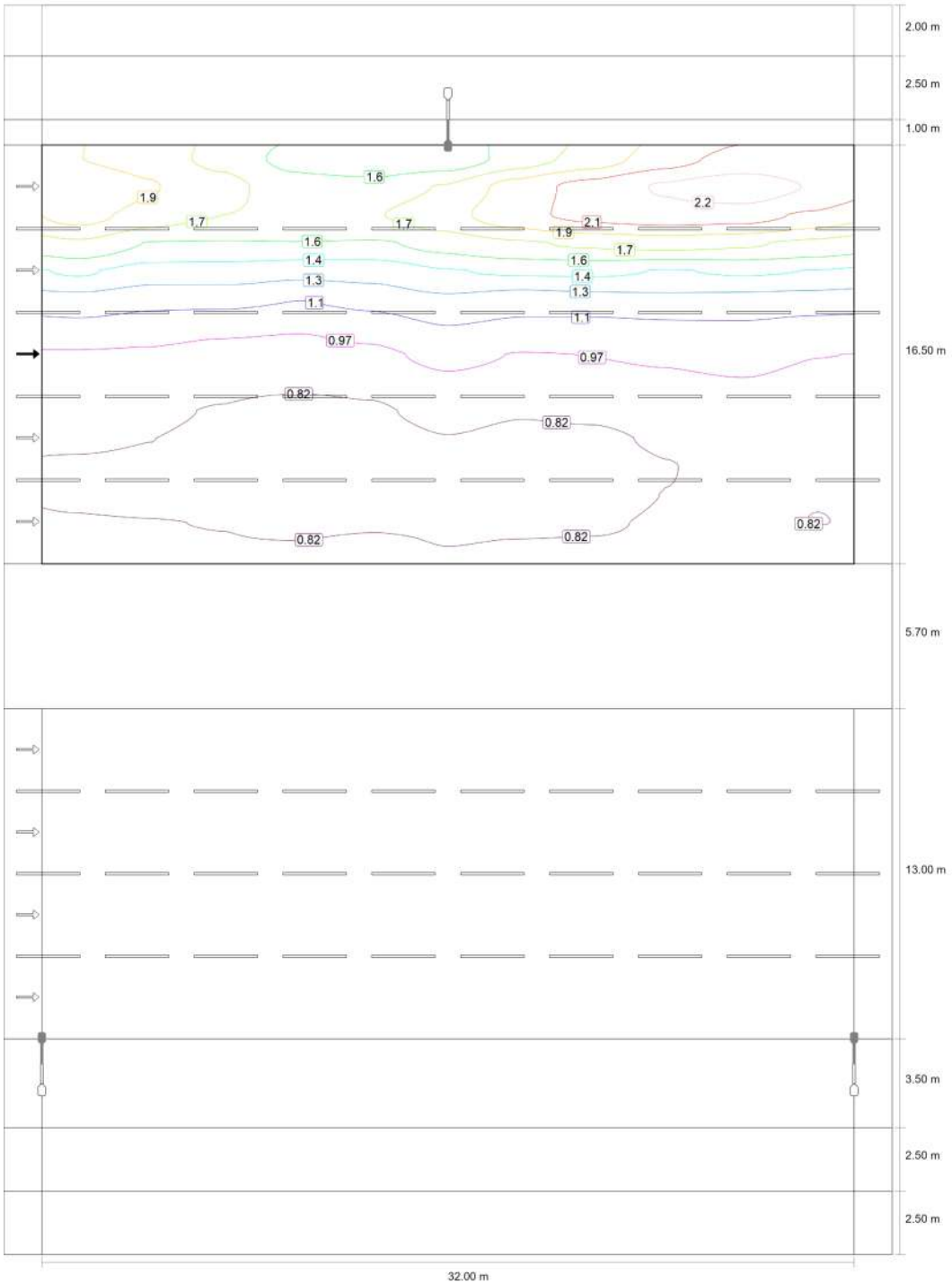
m	1.455	4.364	7.273	10.182	13.091	16.000	18.909	21.818	24.727	27.636	30.545
43.150	2.18	2.16	2.05	1.83	1.76	1.69	1.83	1.98	2.21	2.42	2.48
42.050	2.52	2.35	2.16	1.93	1.83	1.90	2.18	2.43	2.68	2.84	2.75
40.950	2.55	2.35	2.17	2.03	2.06	2.25	2.52	2.71	2.82	2.87	2.67
39.850	2.34	2.13	2.05	2.09	2.16	2.32	2.50	2.54	2.55	2.50	2.35
38.750	2.05	1.90	1.90	1.92	1.95	2.07	2.09	2.14	2.11	2.04	1.98
37.650	1.75	1.65	1.64	1.58	1.65	1.79	1.76	1.74	1.72	1.73	1.66
36.550	1.49	1.43	1.40	1.36	1.43	1.54	1.46	1.48	1.49	1.49	1.42
35.450	1.31	1.28	1.21	1.19	1.23	1.37	1.30	1.29	1.33	1.34	1.29
34.350	1.19	1.15	1.09	1.10	1.11	1.21	1.15	1.19	1.21	1.26	1.20
33.250	1.13	1.09	1.04	1.00	1.03	1.10	1.07	1.08	1.15	1.19	1.15
32.150	1.09	1.04	1.01	0.96	0.97	1.02	0.99	1.01	1.09	1.12	1.11
31.050	1.04	1.02	1.00	0.94	0.93	0.97	0.95	0.97	1.04	1.07	1.07
29.950	1.02	1.02	1.01	0.97	0.95	0.97	0.95	0.97	1.04	1.05	1.05
28.850	1.04	1.04	1.03	1.00	0.99	0.99	0.99	1.00	1.05	1.06	1.05
27.750	1.07	1.05	1.03	1.03	1.04	1.02	1.04	1.04	1.06	1.06	1.05

Observer 2: Luminance with new installation [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 2: Luminance with new installation	1.53 cd/m²	0.93 cd/m²	2.87 cd/m²	0.61	0.33

Taikos pr. praplatėjimas prie Akropolio

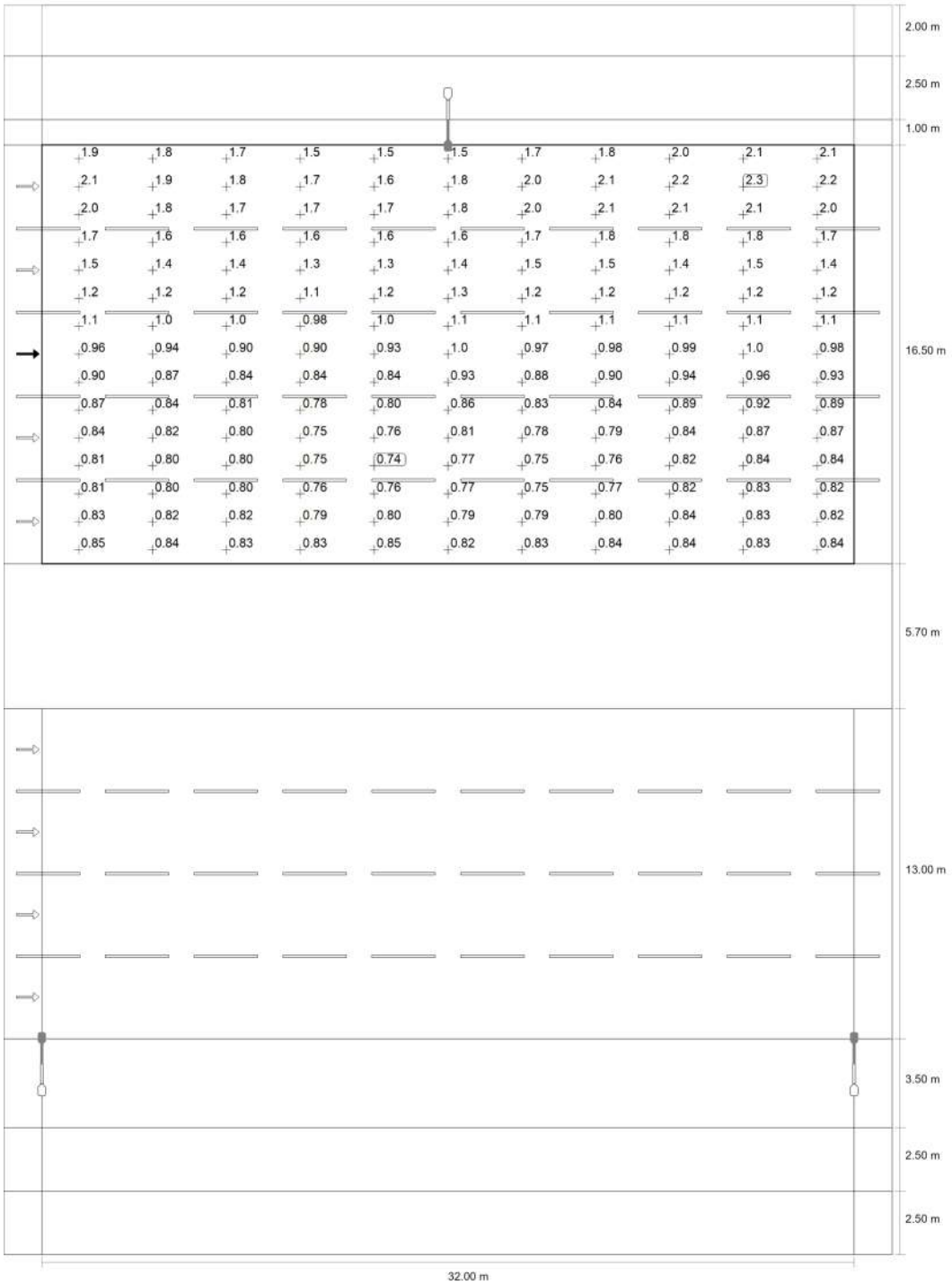
Taikos pr. praplatėjimas prie Akropolio (M3)



Observer 3: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas prie Akropolio

Taikos pr. praplatėjimas prie Akropolio (M3)



Observer 3: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

Taikos pr. praplatėjimas prie Akropolio

Taikos pr. praplatėjimas prie Akropolio (M3)

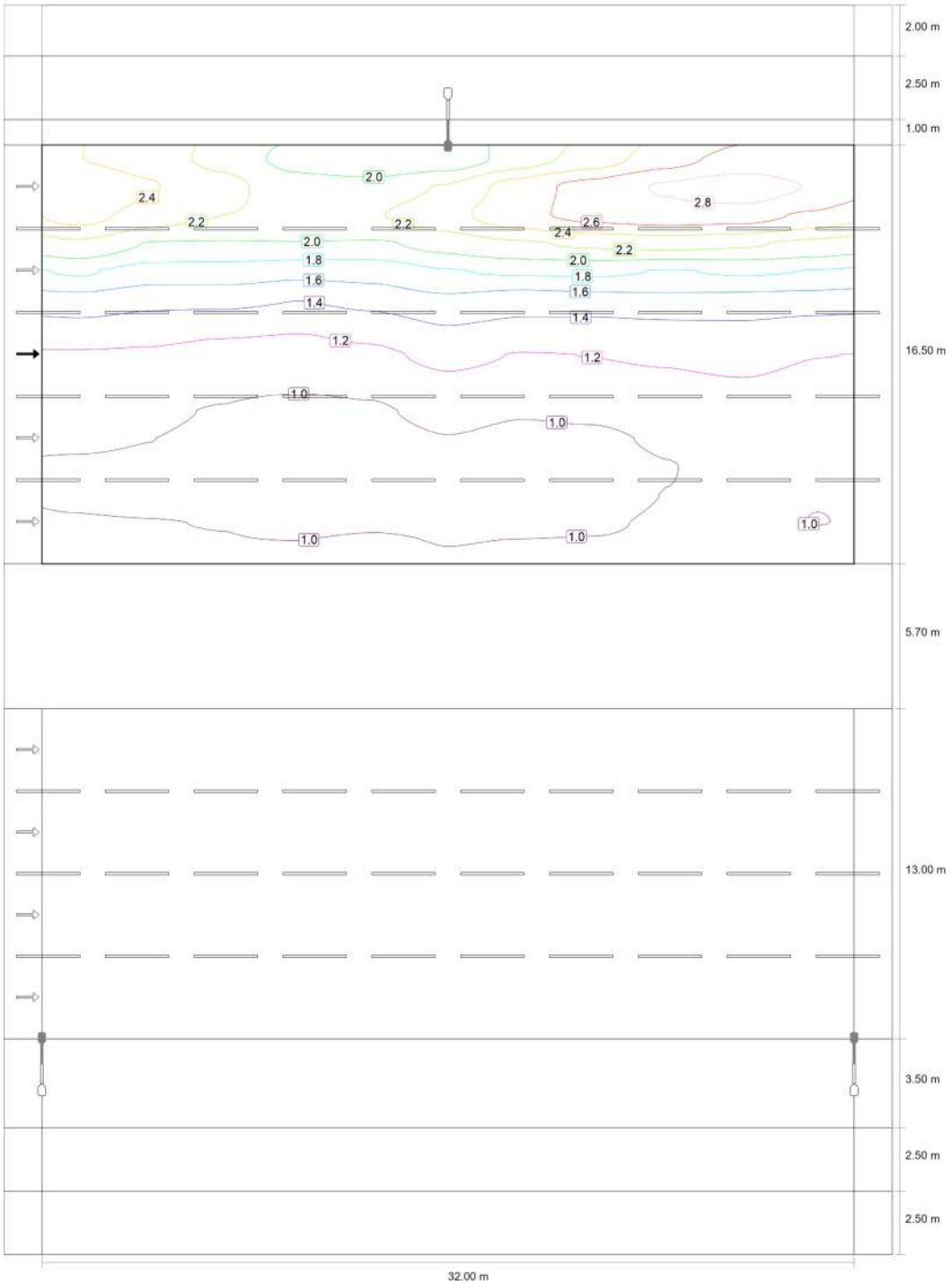
m	1.455	4.364	7.273	10.182	13.091	16.000	18.909	21.818	24.727	27.636	30.545
43.150	1.90	1.82	1.70	1.53	1.49	1.50	1.66	1.81	1.98	2.11	2.09
42.050	2.05	1.91	1.79	1.67	1.65	1.76	1.97	2.10	2.22	2.28	2.20
40.950	1.96	1.83	1.74	1.71	1.73	1.84	2.00	2.10	2.13	2.12	2.02
39.850	1.71	1.58	1.58	1.58	1.57	1.64	1.72	1.77	1.80	1.77	1.70
38.750	1.45	1.36	1.36	1.32	1.33	1.42	1.45	1.46	1.43	1.45	1.43
37.650	1.23	1.17	1.17	1.13	1.18	1.25	1.20	1.22	1.24	1.23	1.21
36.550	1.07	1.04	1.01	0.98	1.03	1.12	1.08	1.07	1.09	1.10	1.06
35.450	0.96	0.94	0.90	0.90	0.93	1.02	0.97	0.98	0.99	1.02	0.98
34.350	0.90	0.87	0.84	0.84	0.84	0.93	0.88	0.90	0.94	0.96	0.93
33.250	0.87	0.84	0.81	0.78	0.80	0.86	0.83	0.84	0.89	0.92	0.89
32.150	0.84	0.82	0.80	0.75	0.76	0.81	0.78	0.79	0.84	0.87	0.87
31.050	0.81	0.80	0.80	0.75	0.74	0.77	0.75	0.76	0.82	0.84	0.84
29.950	0.81	0.80	0.80	0.76	0.76	0.77	0.75	0.77	0.82	0.83	0.82
28.850	0.83	0.82	0.82	0.79	0.80	0.79	0.79	0.80	0.84	0.83	0.82
27.750	0.85	0.84	0.83	0.83	0.85	0.82	0.83	0.84	0.84	0.83	0.84

Observer 3: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 3: Maintenance value, luminance with dry roadway	1.18 cd/m²	0.74 cd/m²	2.28 cd/m²	0.63	0.32

Taikos pr. praplatėjimas prie Akropolio

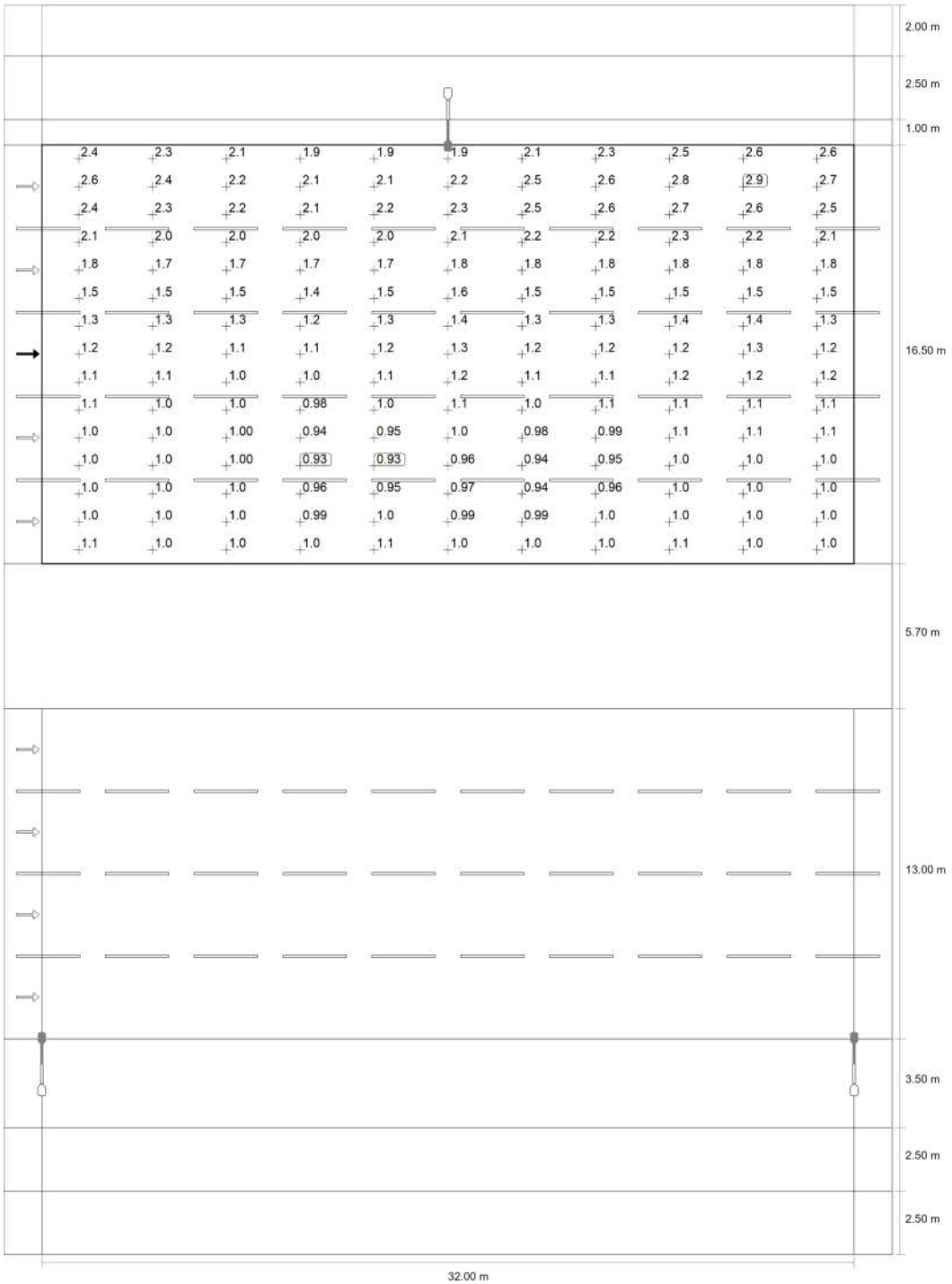
Taikos pr. praplatėjimas prie Akropolio (M3)



Observer 3: Luminance with new installation [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas prie Akropolio

Taikos pr. praplatėjimas prie Akropolio (M3)



Observer 3: Luminance with new installation [cd/m²] (Value grid)

Taikos pr. praplatėjimas prie Akropolio

Taikos pr. praplatėjimas prie Akropolio (M3)

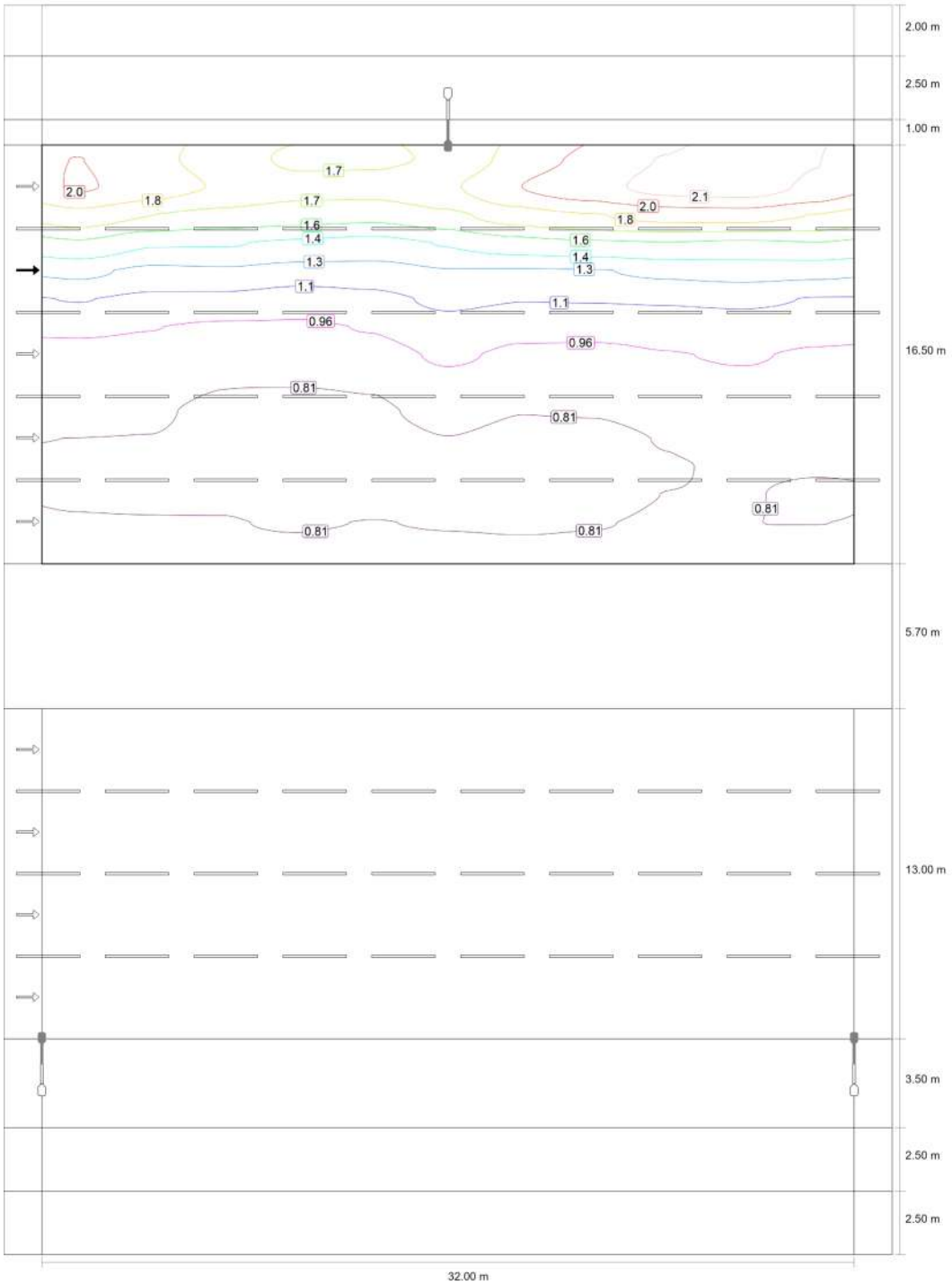
m	1.455	4.364	7.273	10.182	13.091	16.000	18.909	21.818	24.727	27.636	30.545
43.150	2.38	2.28	2.13	1.91	1.86	1.87	2.07	2.26	2.48	2.63	2.61
42.050	2.56	2.39	2.24	2.08	2.06	2.20	2.46	2.63	2.78	2.85	2.74
40.950	2.45	2.28	2.18	2.14	2.17	2.30	2.50	2.62	2.66	2.65	2.52
39.850	2.14	1.98	1.97	1.98	1.97	2.06	2.15	2.21	2.25	2.21	2.13
38.750	1.82	1.70	1.70	1.65	1.66	1.78	1.82	1.82	1.79	1.82	1.79
37.650	1.53	1.46	1.46	1.41	1.47	1.56	1.50	1.53	1.55	1.54	1.51
36.550	1.34	1.30	1.26	1.23	1.29	1.41	1.35	1.34	1.36	1.37	1.33
35.450	1.20	1.18	1.12	1.12	1.16	1.28	1.21	1.22	1.24	1.27	1.22
34.350	1.13	1.09	1.05	1.05	1.05	1.16	1.10	1.13	1.17	1.20	1.16
33.250	1.09	1.05	1.02	0.98	1.00	1.07	1.04	1.05	1.11	1.15	1.12
32.150	1.05	1.03	1.00	0.94	0.95	1.02	0.98	0.99	1.05	1.09	1.08
31.050	1.01	1.00	1.00	0.93	0.93	0.96	0.94	0.95	1.02	1.04	1.05
29.950	1.01	1.00	1.01	0.96	0.95	0.97	0.94	0.96	1.03	1.03	1.03
28.850	1.03	1.03	1.02	0.99	1.00	0.99	0.99	1.00	1.05	1.04	1.02
27.750	1.07	1.05	1.03	1.04	1.07	1.03	1.04	1.04	1.05	1.03	1.05

Observer 3: Luminance with new installation [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 3: Luminance with new installation	1.48 cd/m²	0.93 cd/m²	2.85 cd/m²	0.63	0.32

Taikos pr. praplatėjimas prie Akropolio

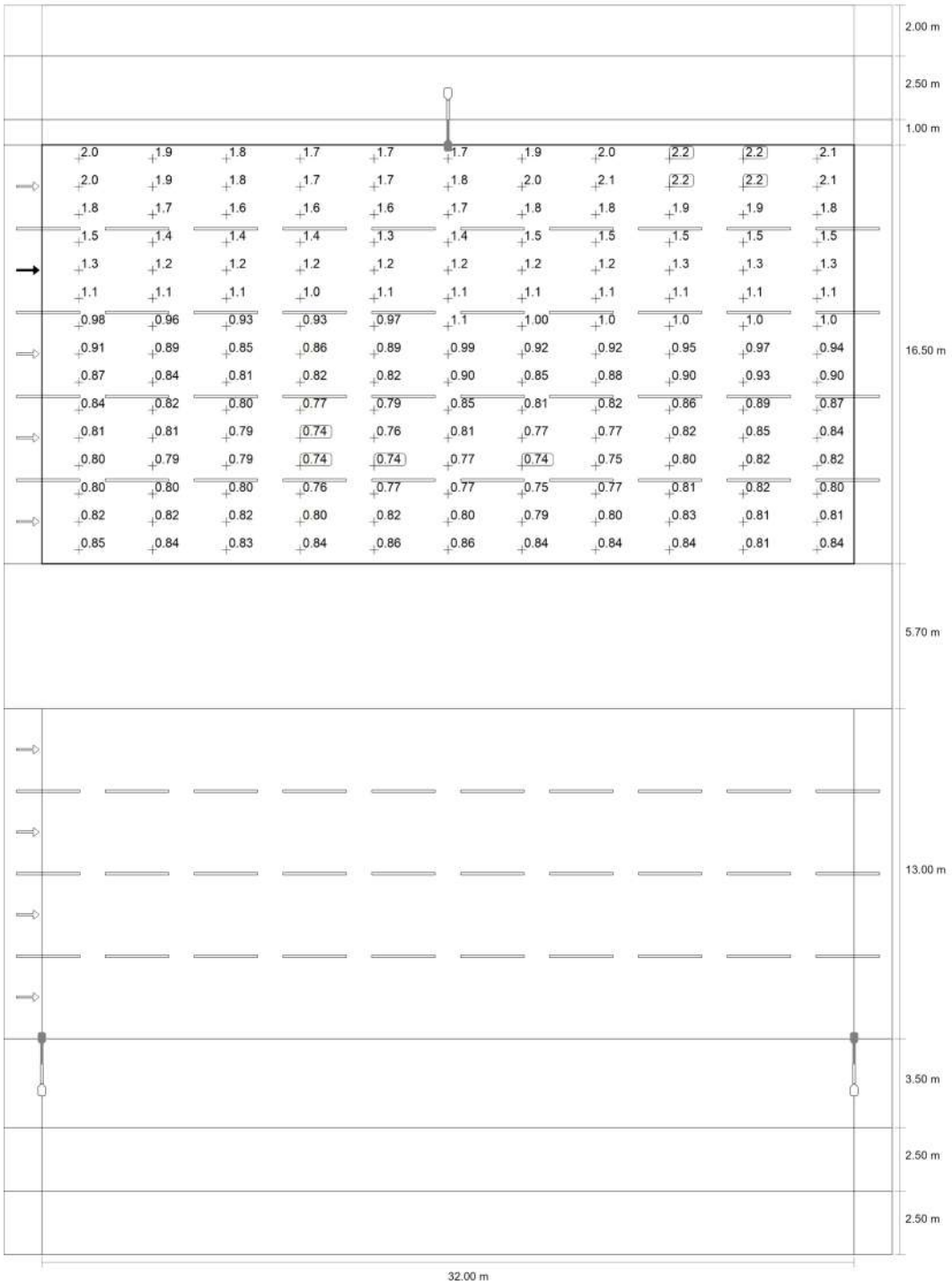
Taikos pr. praplatėjimas prie Akropolio (M3)



Observer 4: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas prie Akropolio

Taikos pr. praplatėjimas prie Akropolio (M3)



Observer 4: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

Taikos pr. praplatėjimas prie Akropolio

Taikos pr. praplatėjimas prie Akropolio (M3)

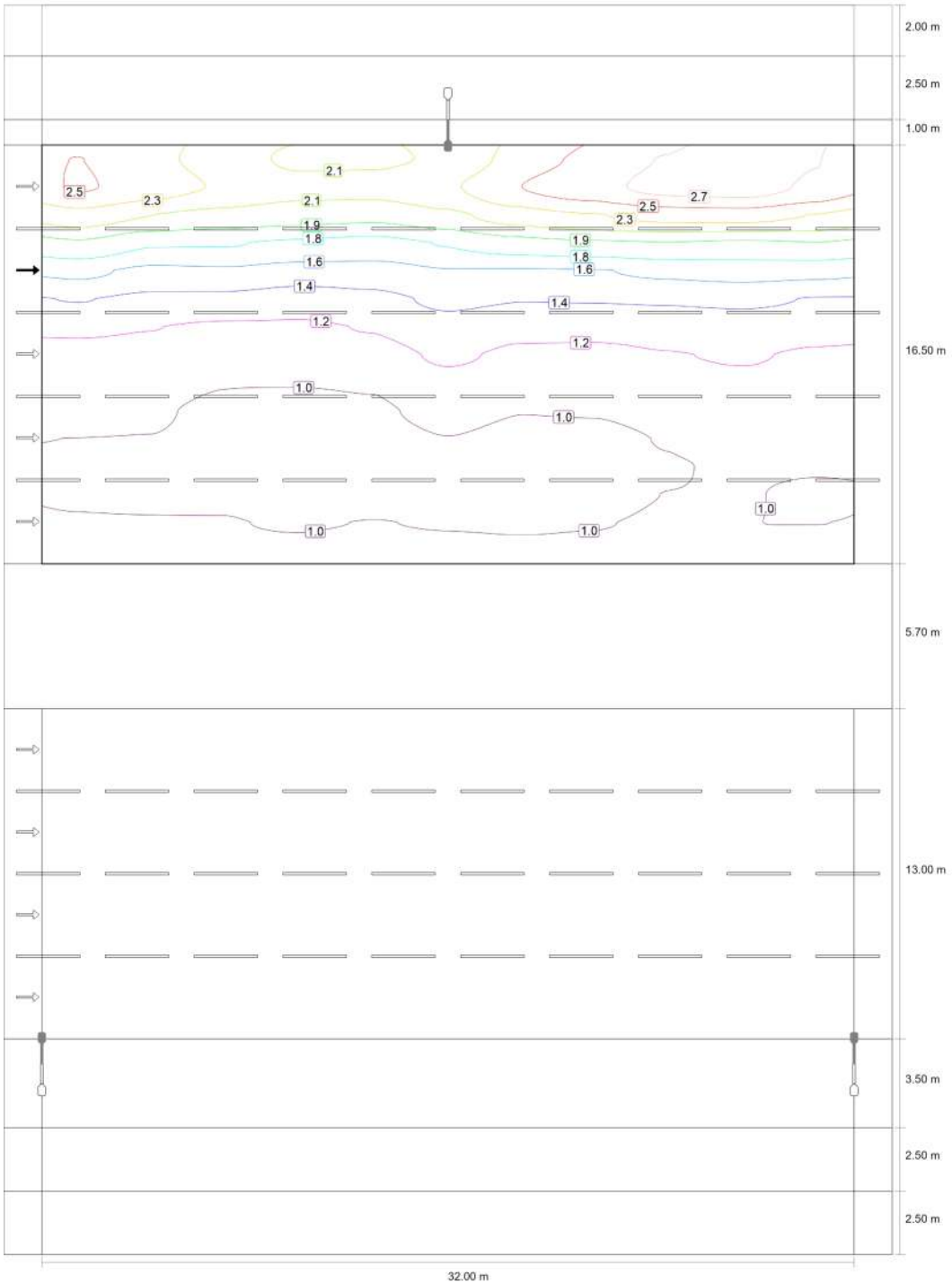
m	1.455	4.364	7.273	10.182	13.091	16.000	18.909	21.818	24.727	27.636	30.545
43.150	2.00	1.89	1.80	1.66	1.67	1.72	1.90	2.03	2.15	2.22	2.15
42.050	2.01	1.92	1.83	1.75	1.75	1.82	1.99	2.09	2.19	2.22	2.11
40.950	1.79	1.70	1.64	1.61	1.59	1.66	1.77	1.84	1.90	1.91	1.84
39.850	1.52	1.42	1.41	1.38	1.35	1.41	1.49	1.53	1.54	1.53	1.55
38.750	1.29	1.22	1.23	1.19	1.19	1.24	1.24	1.25	1.29	1.31	1.30
37.650	1.11	1.07	1.06	1.03	1.06	1.13	1.11	1.11	1.12	1.14	1.10
36.550	0.98	0.96	0.93	0.93	0.97	1.05	1.00	1.00	1.02	1.02	1.00
35.450	0.91	0.89	0.85	0.86	0.89	0.99	0.92	0.92	0.95	0.97	0.94
34.350	0.87	0.84	0.81	0.82	0.82	0.90	0.85	0.88	0.90	0.93	0.90
33.250	0.84	0.82	0.80	0.77	0.79	0.85	0.81	0.82	0.86	0.89	0.87
32.150	0.81	0.81	0.79	0.74	0.76	0.81	0.77	0.77	0.82	0.85	0.84
31.050	0.80	0.79	0.79	0.74	0.74	0.77	0.74	0.75	0.80	0.82	0.82
29.950	0.80	0.80	0.80	0.76	0.77	0.77	0.75	0.77	0.81	0.82	0.80
28.850	0.82	0.82	0.82	0.80	0.82	0.80	0.79	0.80	0.83	0.81	0.81
27.750	0.85	0.84	0.83	0.84	0.86	0.86	0.84	0.84	0.84	0.81	0.84

Observer 4: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 4: Maintenance value, luminance with dry roadway	1.14 cd/m²	0.74 cd/m²	2.22 cd/m²	0.65	0.33

Taikos pr. praplatėjimas prie Akropolio

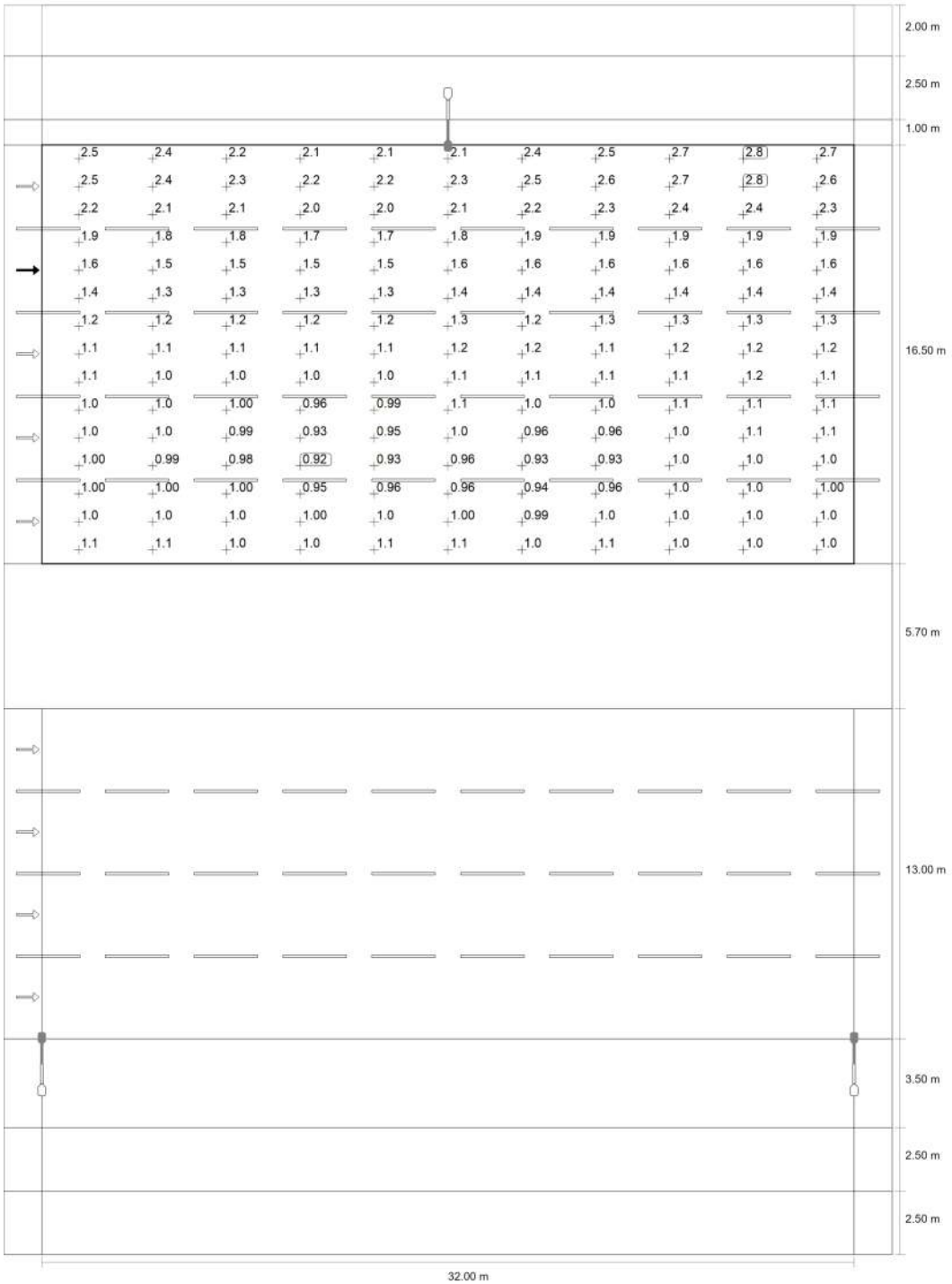
Taikos pr. praplatėjimas prie Akropolio (M3)



Observer 4: Luminance with new installation [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas prie Akropolio

Taikos pr. praplatėjimas prie Akropolio (M3)



Observer 4: Luminance with new installation [cd/m²] (Value grid)

Taikos pr. praplatėjimas prie Akropolio

Taikos pr. praplatėjimas prie Akropolio (M3)

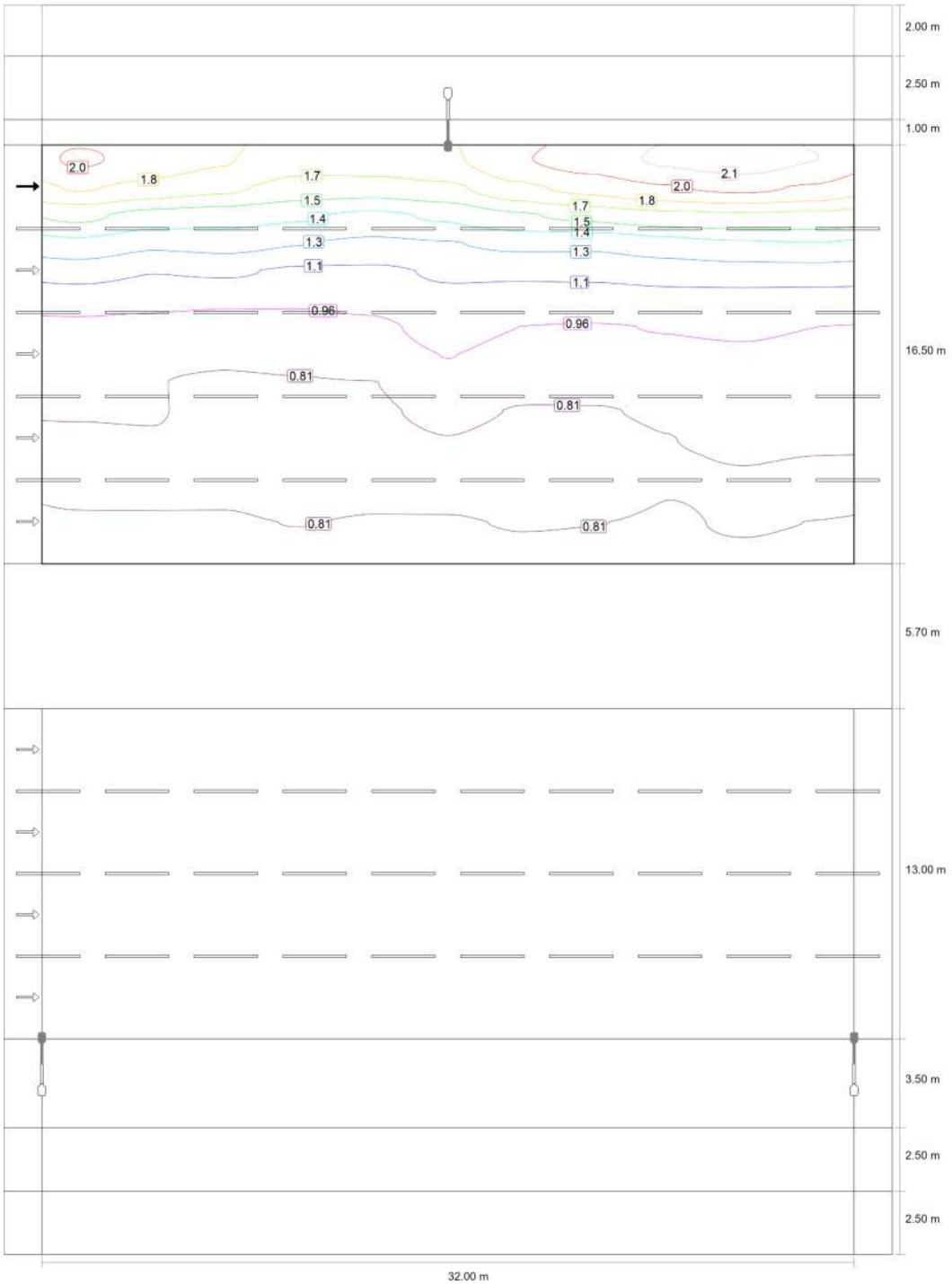
m	1.455	4.364	7.273	10.182	13.091	16.000	18.909	21.818	24.727	27.636	30.545
43.150	2.50	2.36	2.24	2.08	2.09	2.15	2.38	2.54	2.69	2.77	2.68
42.050	2.51	2.41	2.29	2.18	2.19	2.27	2.49	2.61	2.74	2.77	2.64
40.950	2.23	2.13	2.05	2.02	1.99	2.07	2.21	2.30	2.37	2.39	2.30
39.850	1.90	1.77	1.77	1.72	1.69	1.76	1.86	1.91	1.93	1.91	1.93
38.750	1.61	1.52	1.53	1.49	1.49	1.56	1.55	1.56	1.61	1.63	1.62
37.650	1.39	1.34	1.33	1.28	1.33	1.42	1.39	1.39	1.40	1.42	1.38
36.550	1.23	1.20	1.17	1.17	1.21	1.32	1.25	1.25	1.28	1.28	1.25
35.450	1.13	1.11	1.07	1.07	1.11	1.23	1.15	1.15	1.19	1.21	1.18
34.350	1.08	1.05	1.02	1.02	1.03	1.13	1.06	1.10	1.13	1.16	1.12
33.250	1.05	1.03	1.00	0.96	0.99	1.06	1.02	1.02	1.08	1.11	1.09
32.150	1.01	1.01	0.99	0.93	0.95	1.01	0.96	0.96	1.02	1.06	1.06
31.050	1.00	0.99	0.98	0.92	0.93	0.96	0.93	0.93	1.00	1.03	1.02
29.950	1.00	1.00	1.00	0.95	0.96	0.96	0.94	0.96	1.02	1.02	1.00
28.850	1.03	1.02	1.02	1.00	1.02	1.00	0.99	1.00	1.04	1.02	1.01
27.750	1.07	1.05	1.04	1.05	1.08	1.07	1.05	1.05	1.05	1.02	1.05

Observer 4: Luminance with new installation [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 4: Luminance with new installation	1.42 cd/m²	0.92 cd/m²	2.77 cd/m²	0.65	0.33

Taikos pr. praplatėjimas prie Akropolio

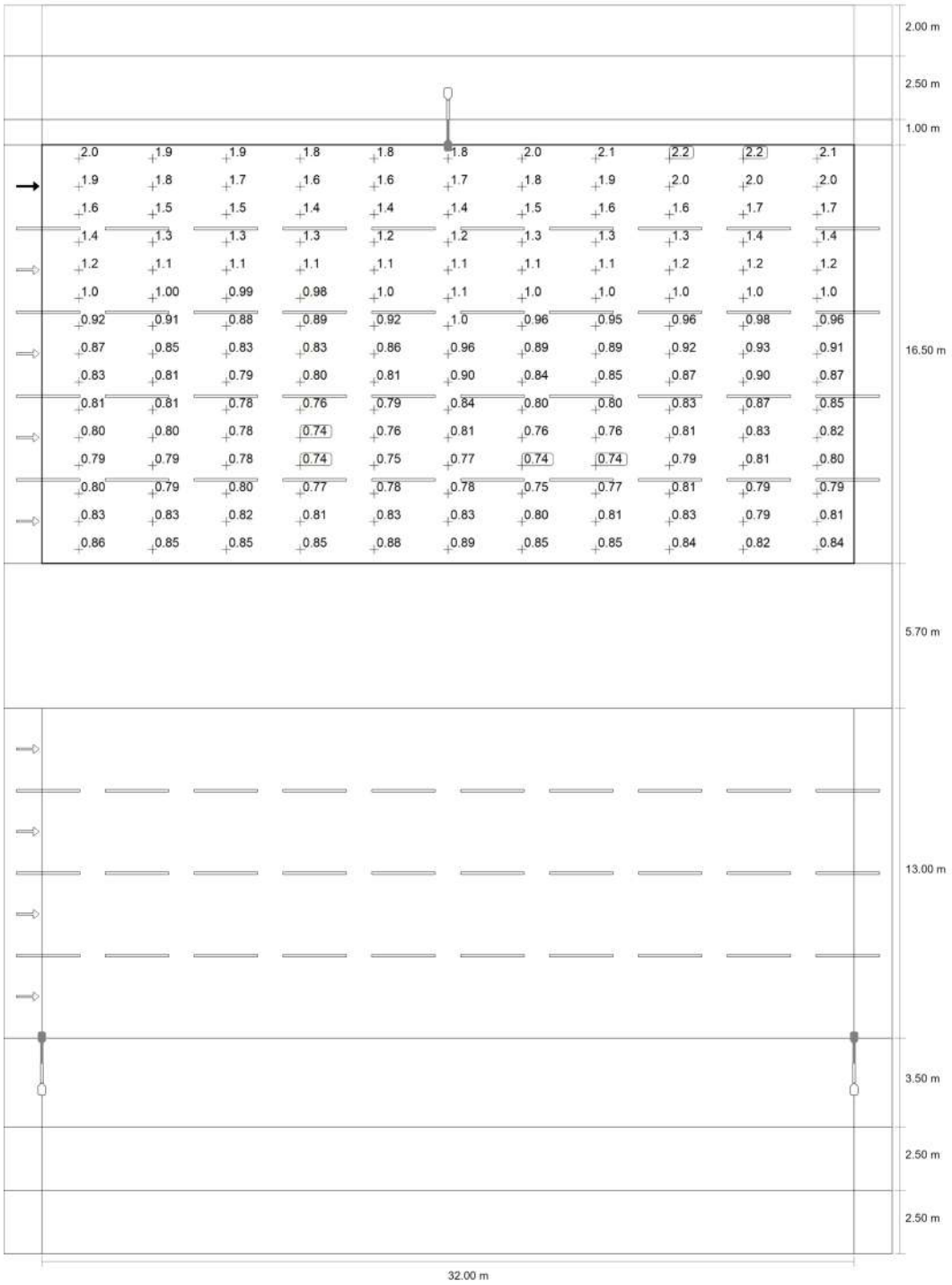
Taikos pr. praplatėjimas prie Akropolio (M3)



Observer 5: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas prie Akropolio

Taikos pr. praplatėjimas prie Akropolio (M3)



Observer 5: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

Taikos pr. praplatėjimas prie Akropolio

Taikos pr. praplatėjimas prie Akropolio (M3)

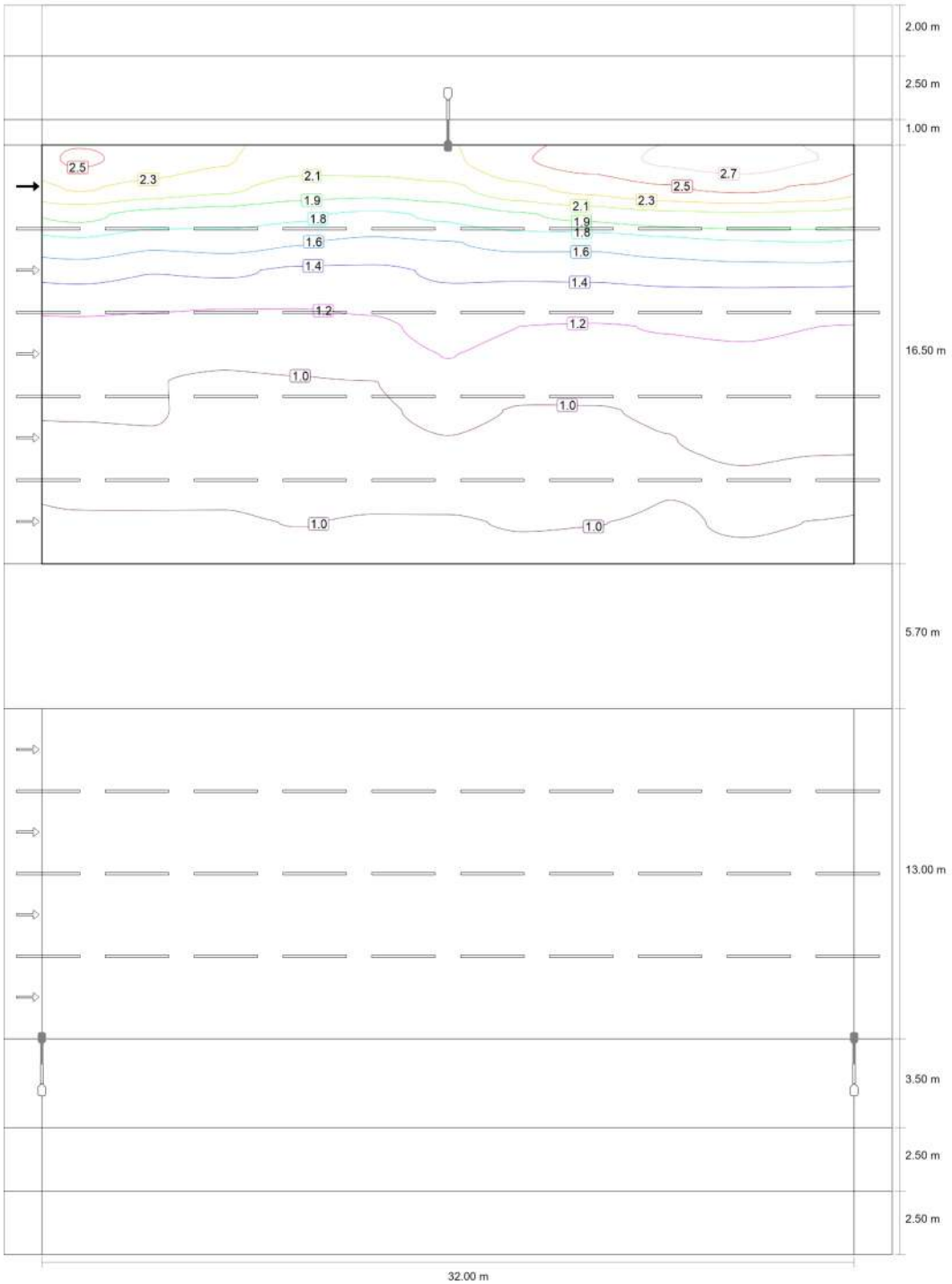
m	1.455	4.364	7.273	10.182	13.091	16.000	18.909	21.818	24.727	27.636	30.545
43.150	2.01	1.93	1.86	1.75	1.78	1.82	1.97	2.06	2.16	2.21	2.14
42.050	1.86	1.79	1.73	1.64	1.62	1.66	1.81	1.89	1.98	2.03	1.97
40.950	1.58	1.49	1.47	1.42	1.37	1.43	1.53	1.59	1.65	1.67	1.66
39.850	1.36	1.28	1.30	1.26	1.22	1.24	1.28	1.28	1.34	1.38	1.40
38.750	1.16	1.11	1.12	1.08	1.08	1.12	1.13	1.14	1.16	1.18	1.19
37.650	1.02	1.00	0.99	0.98	1.00	1.06	1.02	1.03	1.05	1.05	1.04
36.550	0.92	0.91	0.88	0.89	0.92	1.01	0.96	0.95	0.96	0.98	0.96
35.450	0.87	0.85	0.83	0.83	0.86	0.96	0.89	0.89	0.92	0.93	0.91
34.350	0.83	0.81	0.79	0.80	0.81	0.90	0.84	0.85	0.87	0.90	0.87
33.250	0.81	0.81	0.78	0.76	0.79	0.84	0.80	0.80	0.83	0.87	0.85
32.150	0.80	0.80	0.78	0.74	0.76	0.81	0.76	0.76	0.81	0.83	0.82
31.050	0.79	0.79	0.78	0.74	0.75	0.77	0.74	0.74	0.79	0.81	0.80
29.950	0.80	0.79	0.80	0.77	0.78	0.78	0.75	0.77	0.81	0.79	0.79
28.850	0.83	0.83	0.82	0.81	0.83	0.83	0.80	0.81	0.83	0.79	0.81
27.750	0.86	0.85	0.85	0.85	0.88	0.89	0.85	0.85	0.84	0.82	0.84

Observer 5: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 5: Maintenance value, luminance with dry roadway	1.08 cd/m²	0.74 cd/m²	2.21 cd/m²	0.68	0.33

Taikos pr. praplatėjimas prie Akropolio

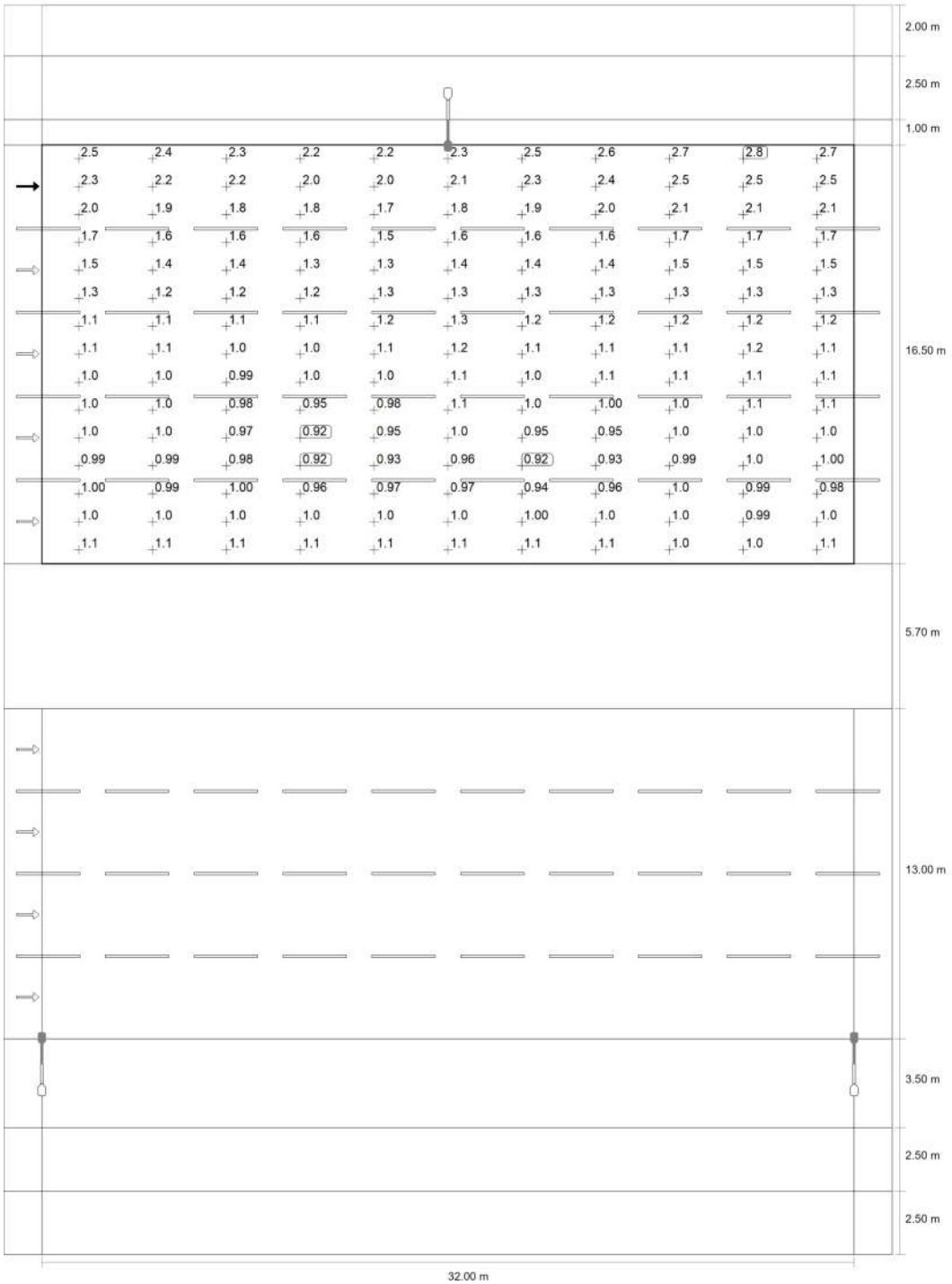
Taikos pr. praplatėjimas prie Akropolio (M3)



Observer 5: Luminance with new installation [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas prie Akropolio

Taikos pr. praplatėjimas prie Akropolio (M3)



Observer 5: Luminance with new installation [cd/m²] (Value grid)

Taikos pr. praplatėjimas prie Akropolio

Taikos pr. praplatėjimas prie Akropolio (M3)

m	1.455	4.364	7.273	10.182	13.091	16.000	18.909	21.818	24.727	27.636	30.545
43.150	2.52	2.42	2.32	2.19	2.22	2.27	2.47	2.58	2.70	2.77	2.68
42.050	2.33	2.24	2.17	2.05	2.02	2.08	2.26	2.36	2.47	2.53	2.46
40.950	1.98	1.86	1.83	1.78	1.72	1.78	1.91	1.99	2.06	2.09	2.07
39.850	1.70	1.60	1.62	1.57	1.52	1.56	1.60	1.60	1.67	1.73	1.75
38.750	1.45	1.39	1.41	1.35	1.35	1.41	1.42	1.42	1.45	1.48	1.48
37.650	1.27	1.24	1.23	1.22	1.25	1.33	1.28	1.29	1.31	1.31	1.30
36.550	1.15	1.13	1.10	1.11	1.15	1.27	1.20	1.19	1.20	1.22	1.20
35.450	1.08	1.06	1.03	1.04	1.08	1.20	1.11	1.11	1.15	1.17	1.14
34.350	1.04	1.02	0.99	1.00	1.01	1.12	1.04	1.07	1.09	1.12	1.09
33.250	1.02	1.02	0.98	0.95	0.98	1.06	1.00	1.00	1.04	1.08	1.06
32.150	1.00	1.00	0.97	0.92	0.95	1.01	0.95	0.95	1.01	1.04	1.03
31.050	0.99	0.99	0.98	0.92	0.93	0.96	0.92	0.93	0.99	1.01	1.00
29.950	1.00	0.99	1.00	0.96	0.97	0.97	0.94	0.96	1.01	0.99	0.98
28.850	1.03	1.03	1.03	1.01	1.03	1.03	1.00	1.01	1.03	0.99	1.01
27.750	1.08	1.07	1.06	1.06	1.10	1.11	1.06	1.06	1.05	1.03	1.05

Observer 5: Luminance with new installation [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 5: Luminance with new installation	1.36 cd/m²	0.92 cd/m²	2.77 cd/m²	0.68	0.33

Taikos pr. praplatėjimas prie Akropolio

Taikos pr. praplatėjimas prie Akropolio (M3)

Results for valuation field

	Symbol	Calculated	Target	Check
Taikos pr. praplatėjimas prie Akropolio (M3)	L_{av}	1.15 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.56	≥ 0.40	✓
	U_l	0.80	≥ 0.60	✓
	TI	11 %	≤ 15 %	✓
	R_{EI}	0.99	≥ 0.30	✓

Results for observer

	Symbol	Calculated	Target	Check
Observer 1 Position: -60.000 m, 10.125 m, 1.500 m	L_{av}	1.15 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.63	≥ 0.40	✓
	U_l	0.80	≥ 0.60	✓
	TI	11 %	≤ 15 %	✓
Observer 2 Position: -60.000 m, 13.375 m, 1.500 m	L_{av}	1.22 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.60	≥ 0.40	✓
	U_l	0.90	≥ 0.60	✓
	TI	9 %	≤ 15 %	✓
Observer 3 Position: -60.000 m, 16.625 m, 1.500 m	L_{av}	1.28 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.57	≥ 0.40	✓
	U_l	0.89	≥ 0.60	✓
	TI	7 %	≤ 15 %	✓

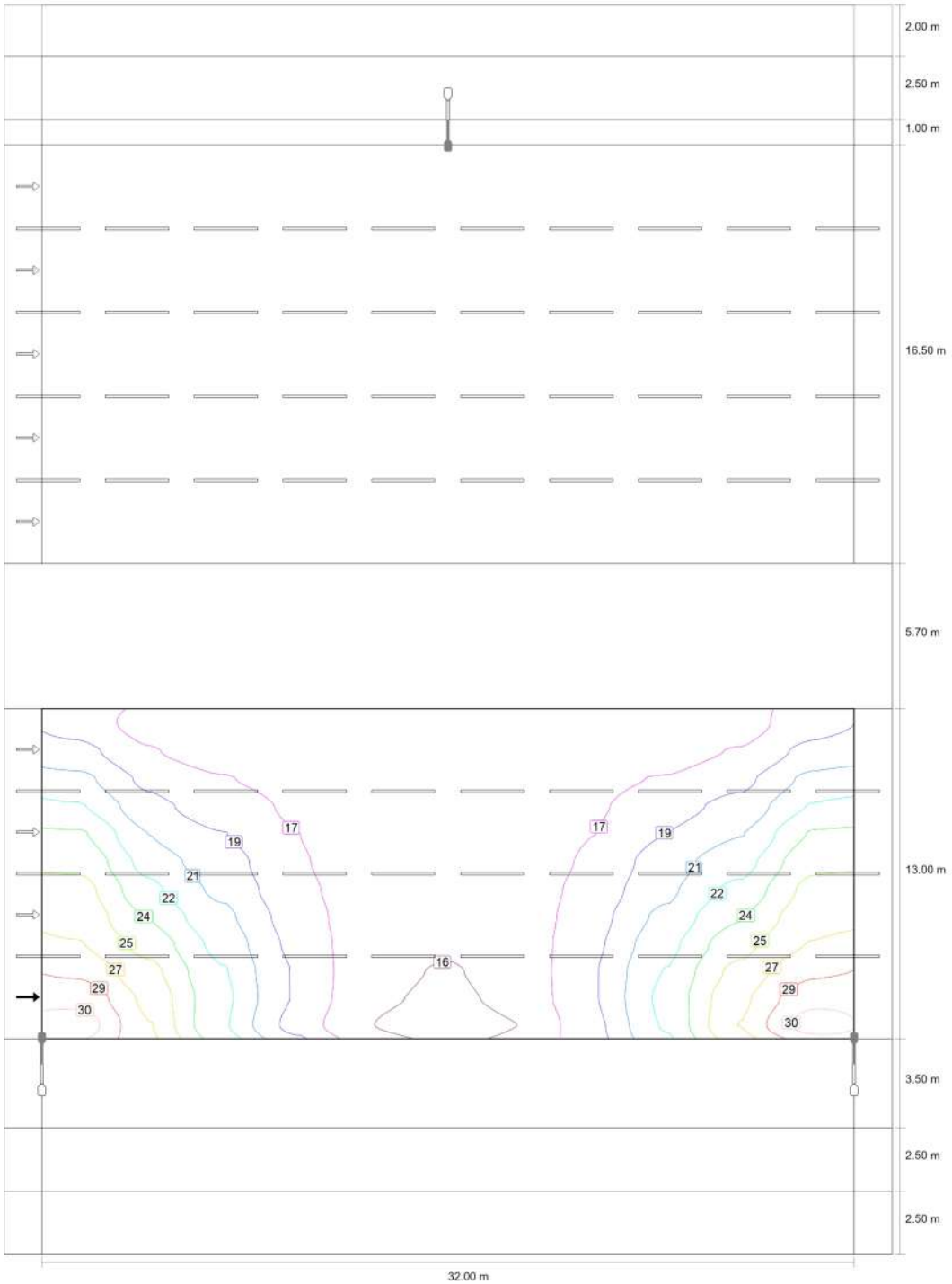
Taikos pr. praplatėjimas prie Akropolio

Taikos pr. praplatėjimas prie Akropolio (M3)

	Symbol	Calculated	Target	Check
Observer 4 Position: -60.000 m, 19.875 m, 1.500 m	L_{av}	1.33 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.56	≥ 0.40	✓
	U_l	0.85	≥ 0.60	✓
	TI	4 %	≤ 15 %	✓

Taikos pr. praplatėjimas prie Akropolio

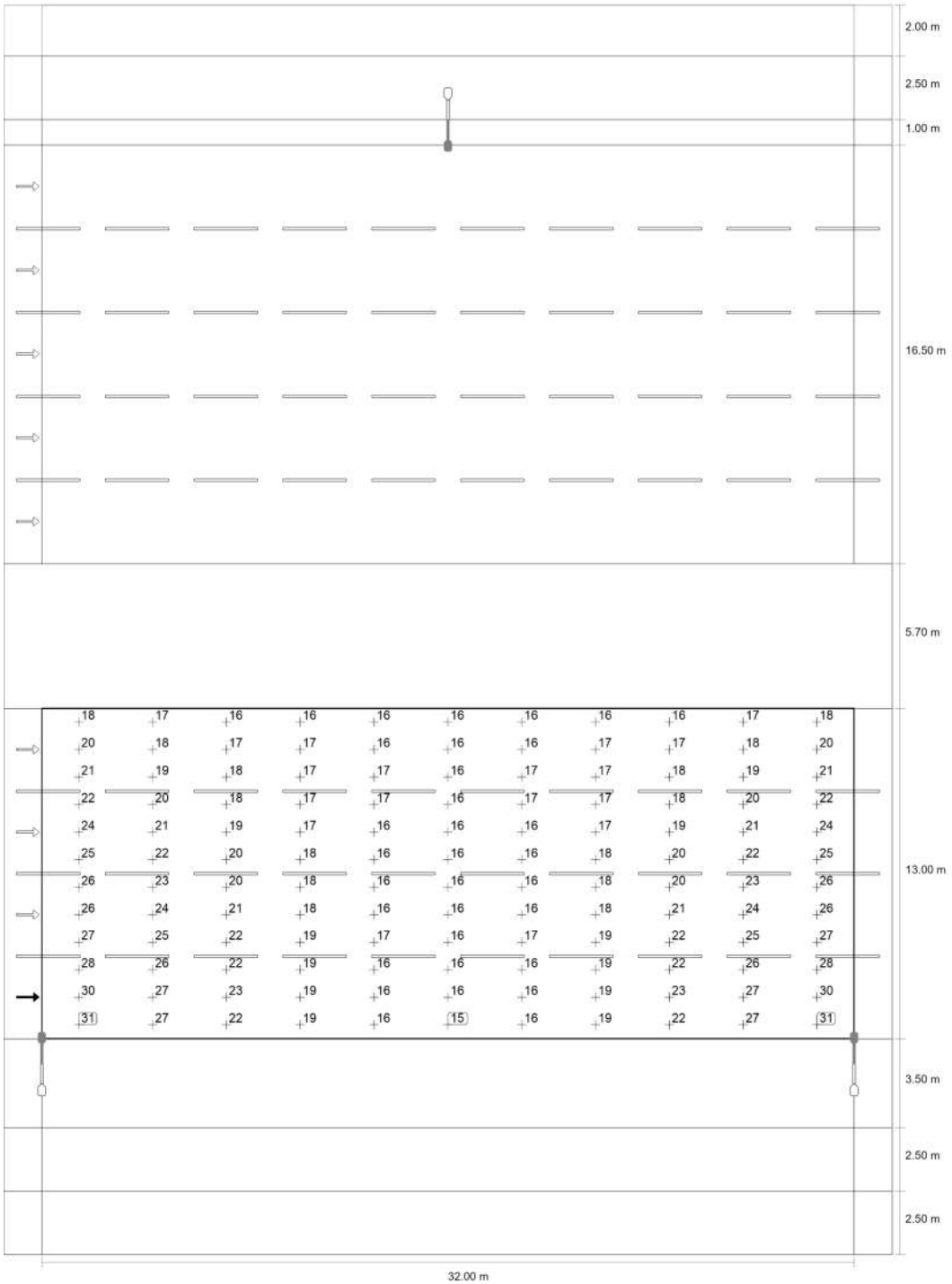
Taikos pr. praplatėjimas prie Akropolio (M3)



Maintenance value, horizontal illuminance [lx] (Iso-illuminance curves)

Taikos pr. praplatėjimas prie Akropolio

Taikos pr. praplatėjimas prie Akropolio (M3)



Maintenance value, horizontal illuminance [lx] (Value grid)

Taikos pr. praplatėjimas prie Akropolio

Taikos pr. praplatėjimas prie Akropolio (M3)

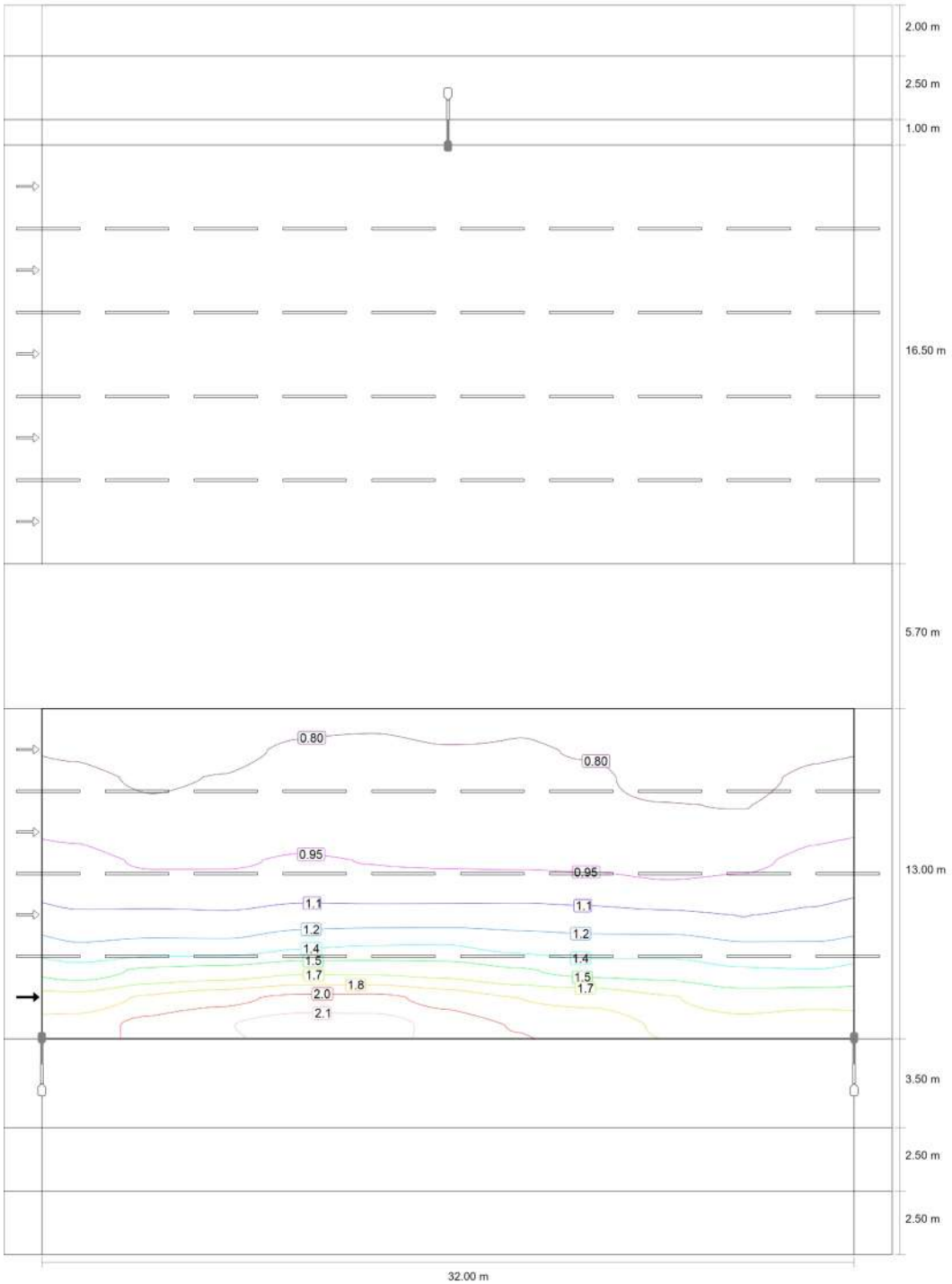
m	1.455	4.364	7.273	10.182	13.091	16.000	18.909	21.818	24.727	27.636	30.545
20.958	18.41	16.87	16.31	16.29	16.34	16.13	16.34	16.29	16.31	16.87	18.41
19.875	19.59	17.58	16.79	16.67	16.45	16.29	16.45	16.67	16.79	17.58	19.59
18.792	21.04	18.66	17.54	17.08	16.59	16.36	16.59	17.08	17.54	18.66	21.04
17.708	22.35	19.58	18.29	17.25	16.62	16.20	16.62	17.25	18.29	19.58	22.35
16.625	23.96	20.59	19.06	17.46	16.42	16.09	16.42	17.46	19.06	20.59	23.96
15.542	25.00	21.61	19.81	17.70	16.39	16.05	16.39	17.70	19.81	21.61	25.00
14.458	25.87	22.61	20.28	18.01	16.49	15.99	16.49	18.01	20.28	22.61	25.87
13.375	26.43	23.69	21.00	18.39	16.50	16.04	16.50	18.39	21.00	23.69	26.43
12.292	27.06	24.82	21.70	18.68	16.52	16.00	16.52	18.68	21.70	24.82	27.06
11.208	28.31	25.84	22.29	18.92	16.44	15.80	16.44	18.92	22.29	25.84	28.31
10.125	29.69	26.58	22.60	18.91	16.31	15.58	16.31	18.91	22.60	26.58	29.69
9.042	30.94	27.02	22.38	18.54	15.89	15.08	15.89	18.54	22.38	27.02	30.94

Maintenance value, horizontal illuminance [lx] (Value chart)

	E_{av}	E_{min}	E_{max}	U_o (g_1)	g_2
Maintenance value, horizontal illuminance	19.8 lx	15.1 lx	30.9 lx	0.76	0.49

Taikos pr. praplatėjimas prie Akropolio

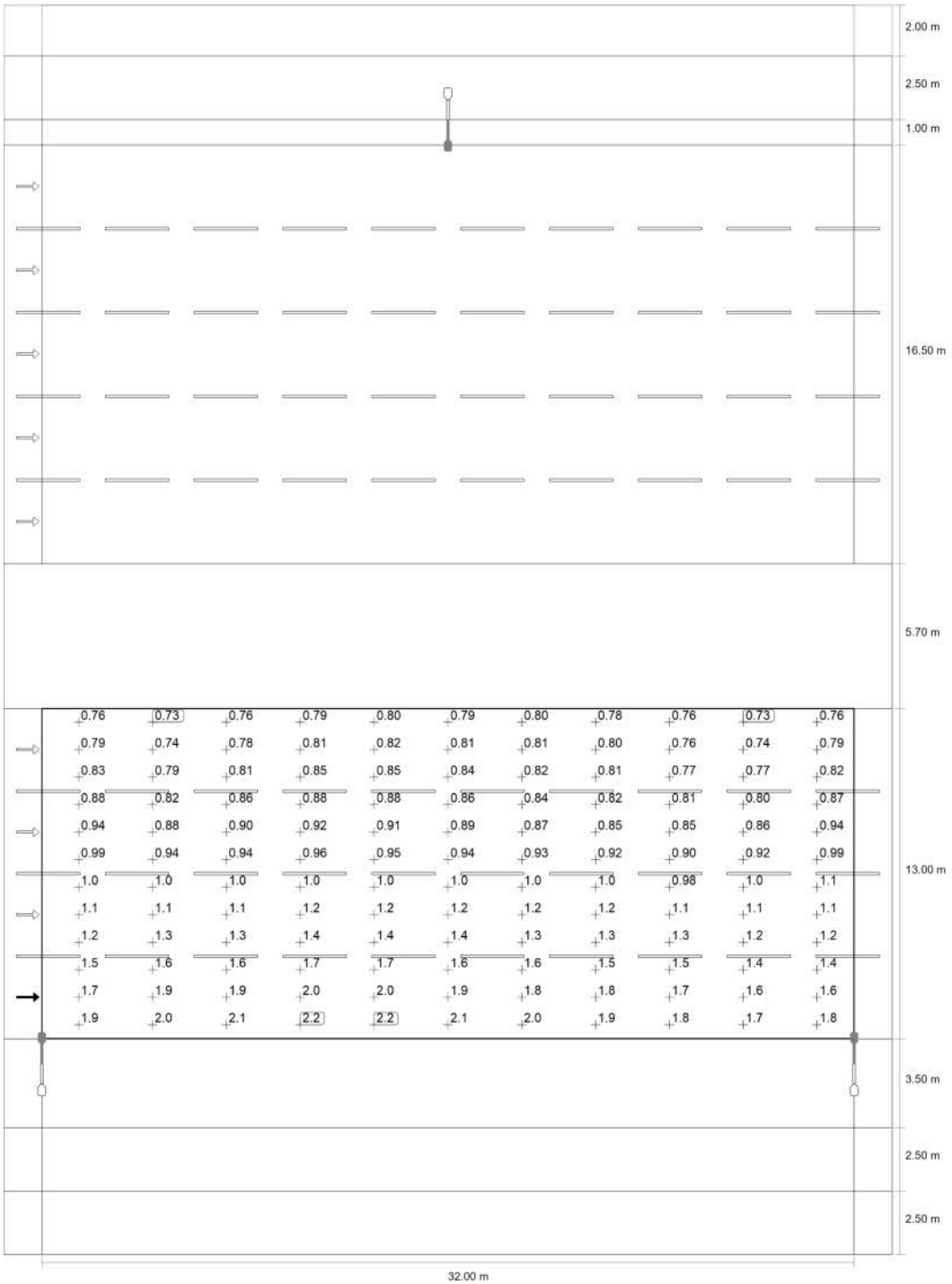
Taikos pr. praplatėjimas prie Akropolio (M3)



Observer 1: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas prie Akropolio

Taikos pr. praplatėjimas prie Akropolio (M3)



Observer 1: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

Taikos pr. praplatėjimas prie Akropolio

Taikos pr. praplatėjimas prie Akropolio (M3)

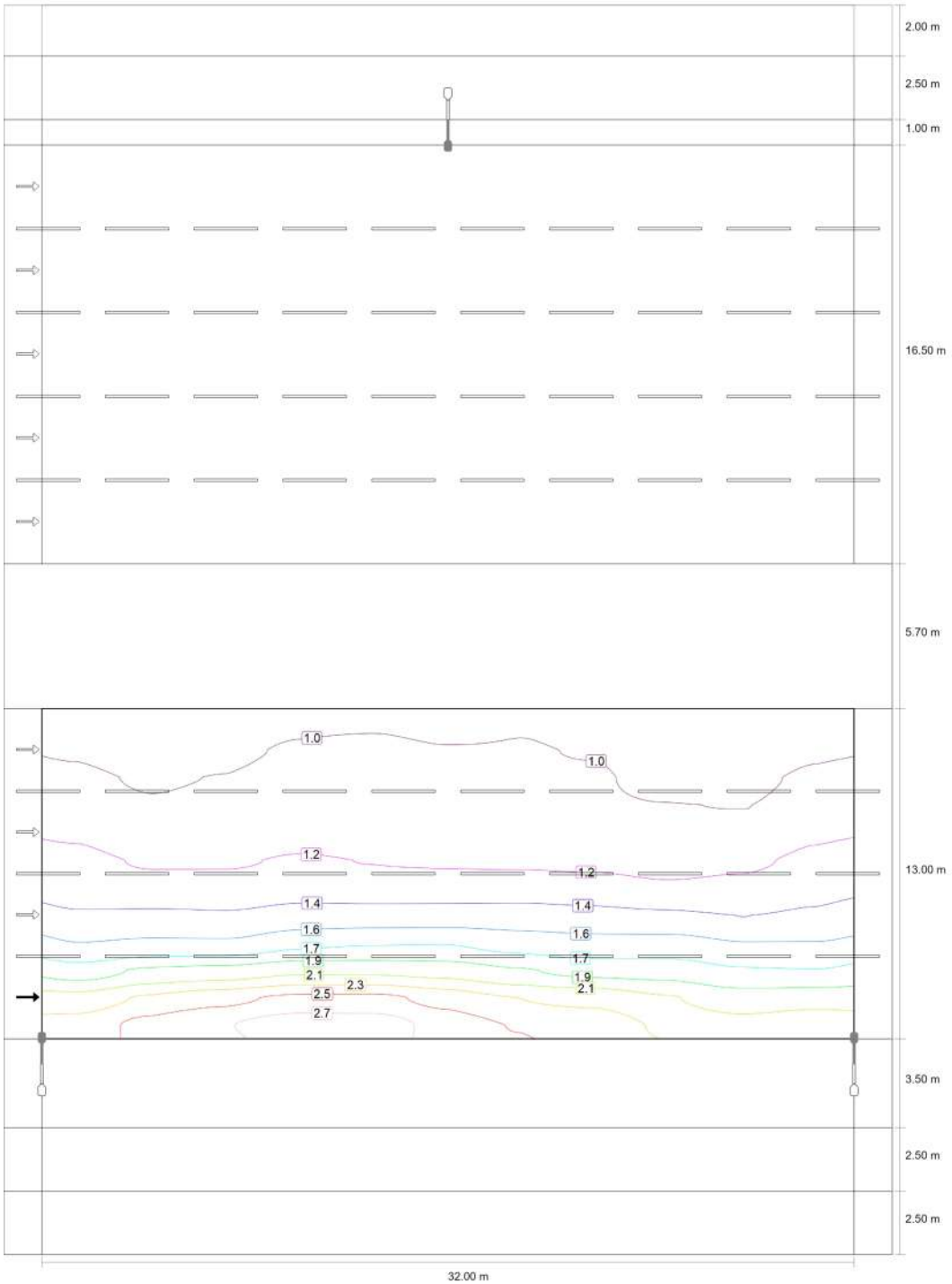
m	1.455	4.364	7.273	10.182	13.091	16.000	18.909	21.818	24.727	27.636	30.545
20.958	0.76	0.73	0.76	0.79	0.80	0.79	0.80	0.78	0.76	0.73	0.76
19.875	0.79	0.74	0.78	0.81	0.82	0.81	0.81	0.80	0.76	0.74	0.79
18.792	0.83	0.79	0.81	0.85	0.85	0.84	0.82	0.81	0.77	0.77	0.82
17.708	0.88	0.82	0.86	0.88	0.88	0.86	0.84	0.82	0.81	0.80	0.87
16.625	0.94	0.88	0.90	0.92	0.91	0.89	0.87	0.85	0.85	0.86	0.94
15.542	0.99	0.94	0.94	0.96	0.95	0.94	0.93	0.92	0.90	0.92	0.99
14.458	1.03	1.01	1.01	1.04	1.03	1.03	1.04	1.02	0.98	1.00	1.06
13.375	1.12	1.13	1.12	1.17	1.18	1.18	1.17	1.15	1.13	1.10	1.12
12.292	1.25	1.28	1.27	1.36	1.38	1.39	1.34	1.31	1.31	1.25	1.25
11.208	1.47	1.57	1.60	1.66	1.66	1.63	1.56	1.49	1.48	1.41	1.40
10.125	1.74	1.86	1.93	2.02	2.02	1.92	1.83	1.79	1.70	1.61	1.63
9.042	1.90	2.02	2.12	2.20	2.19	2.08	1.97	1.92	1.81	1.74	1.77

Observer 1: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 1: Maintenance value, luminance with dry roadway	1.15 cd/m²	0.73 cd/m²	2.20 cd/m²	0.63	0.33

Taikos pr. praplatėjimas prie Akropolio

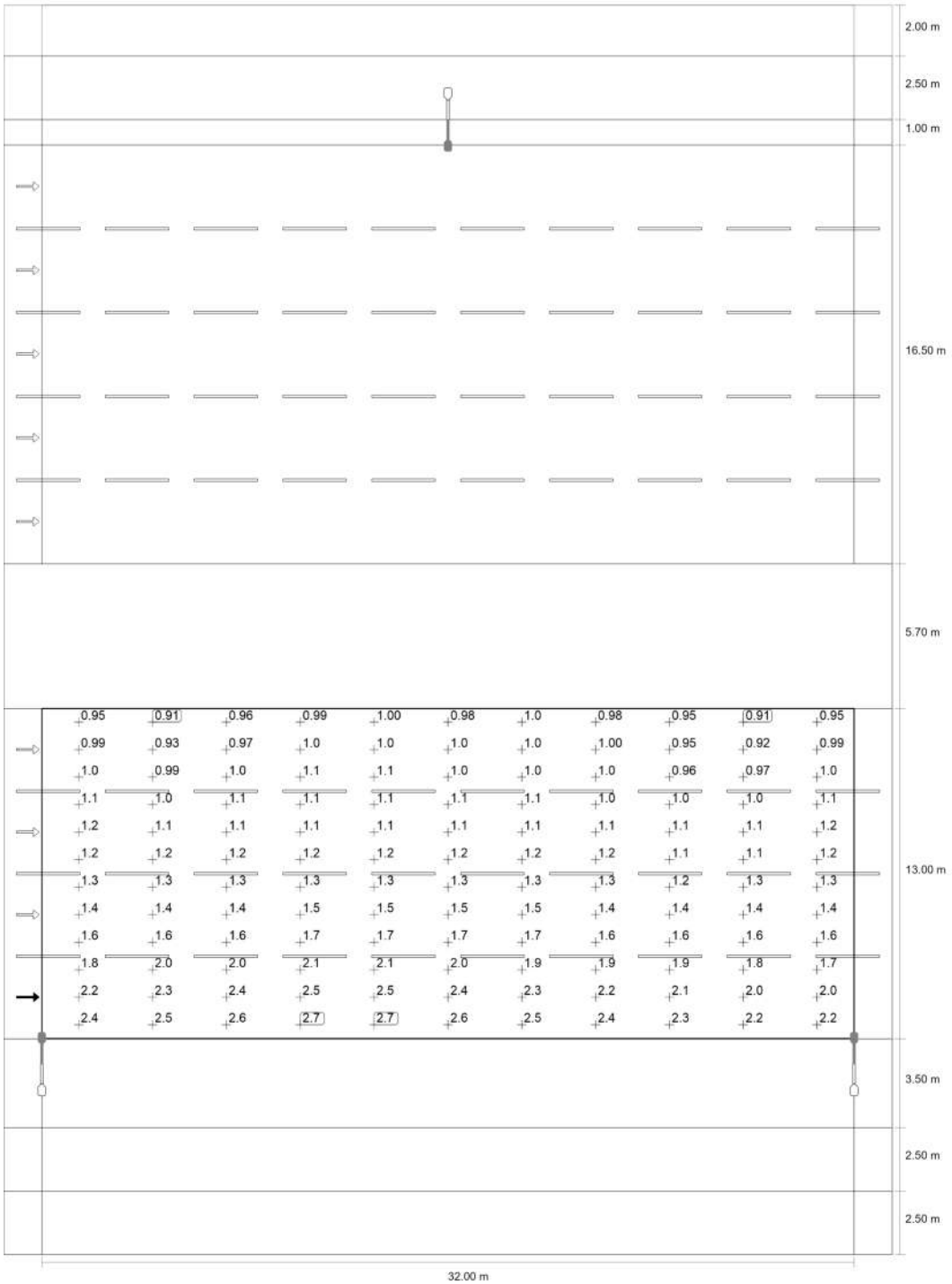
Taikos pr. praplatėjimas prie Akropolio (M3)



Observer 1: Luminance with new installation [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas prie Akropolio

Taikos pr. praplatėjimas prie Akropolio (M3)



Observer 1: Luminance with new installation [cd/m²] (Value grid)

Taikos pr. praplatėjimas prie Akropolio

Taikos pr. praplatėjimas prie Akropolio (M3)

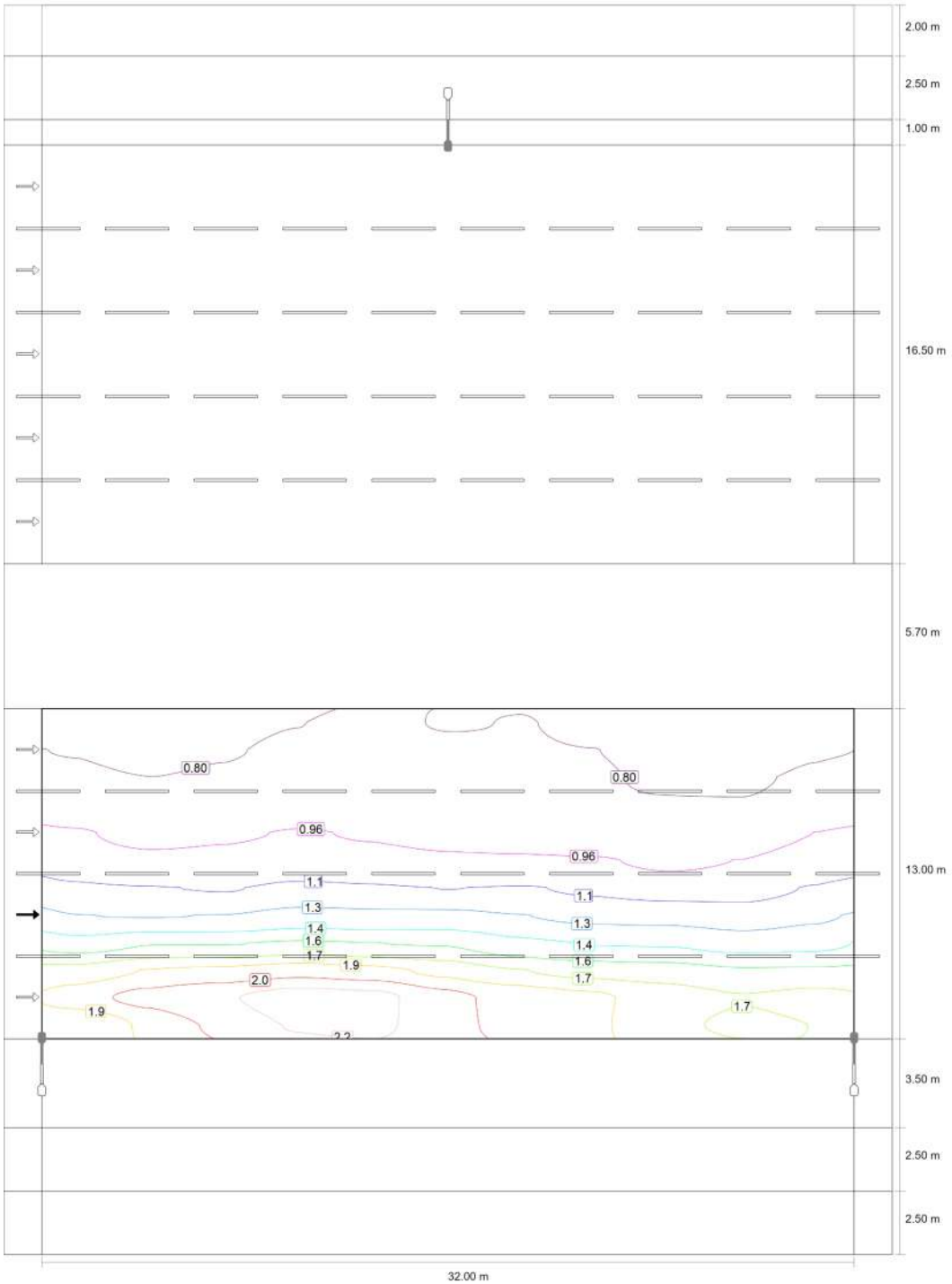
m	1.455	4.364	7.273	10.182	13.091	16.000	18.909	21.818	24.727	27.636	30.545
20.958	0.95	0.91	0.96	0.99	1.00	0.98	1.00	0.98	0.95	0.91	0.95
19.875	0.99	0.93	0.97	1.02	1.03	1.01	1.01	1.00	0.95	0.92	0.99
18.792	1.04	0.99	1.01	1.06	1.06	1.04	1.02	1.02	0.96	0.97	1.03
17.708	1.10	1.03	1.07	1.10	1.10	1.08	1.05	1.03	1.01	1.00	1.08
16.625	1.17	1.10	1.13	1.15	1.14	1.11	1.08	1.07	1.06	1.07	1.17
15.542	1.23	1.17	1.17	1.20	1.18	1.17	1.16	1.15	1.12	1.15	1.23
14.458	1.29	1.27	1.27	1.30	1.28	1.29	1.30	1.28	1.23	1.26	1.33
13.375	1.40	1.41	1.40	1.46	1.47	1.47	1.46	1.44	1.41	1.37	1.40
12.292	1.56	1.60	1.59	1.70	1.73	1.73	1.67	1.63	1.64	1.56	1.56
11.208	1.83	1.96	2.00	2.08	2.07	2.04	1.94	1.87	1.85	1.76	1.75
10.125	2.18	2.32	2.42	2.52	2.52	2.40	2.29	2.24	2.12	2.02	2.04
9.042	2.38	2.53	2.64	2.75	2.74	2.60	2.46	2.41	2.26	2.17	2.21

Observer 1: Luminance with new installation [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 1: Luminance with new installation	1.44 cd/m²	0.91 cd/m²	2.75 cd/m²	0.63	0.33

Taikos pr. praplatėjimas prie Akropolio

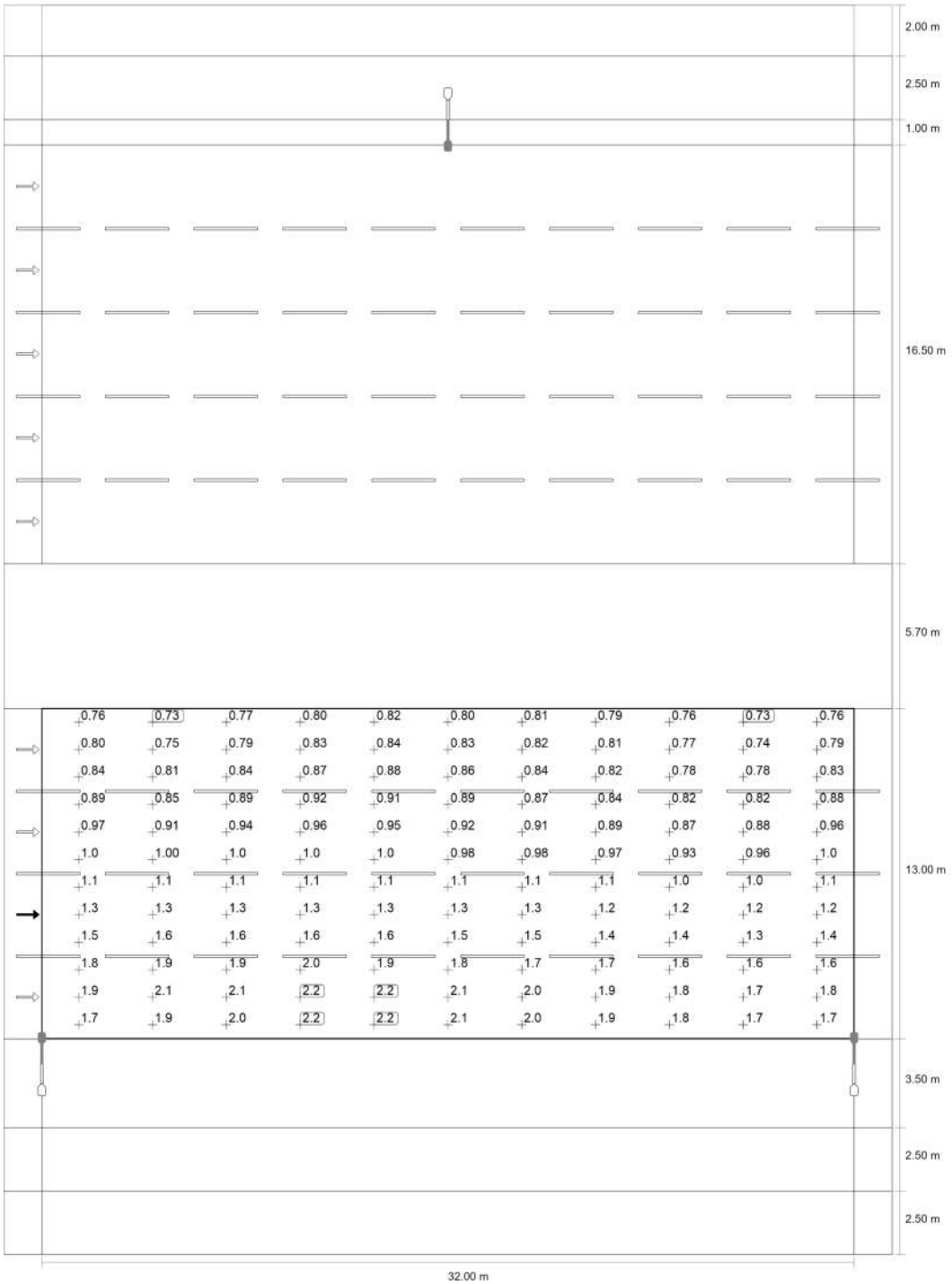
Taikos pr. praplatėjimas prie Akropolio (M3)



Observer 2: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas prie Akropolio

Taikos pr. praplatėjimas prie Akropolio (M3)



Observer 2: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

Taikos pr. praplatėjimas prie Akropolio

Taikos pr. praplatėjimas prie Akropolio (M3)

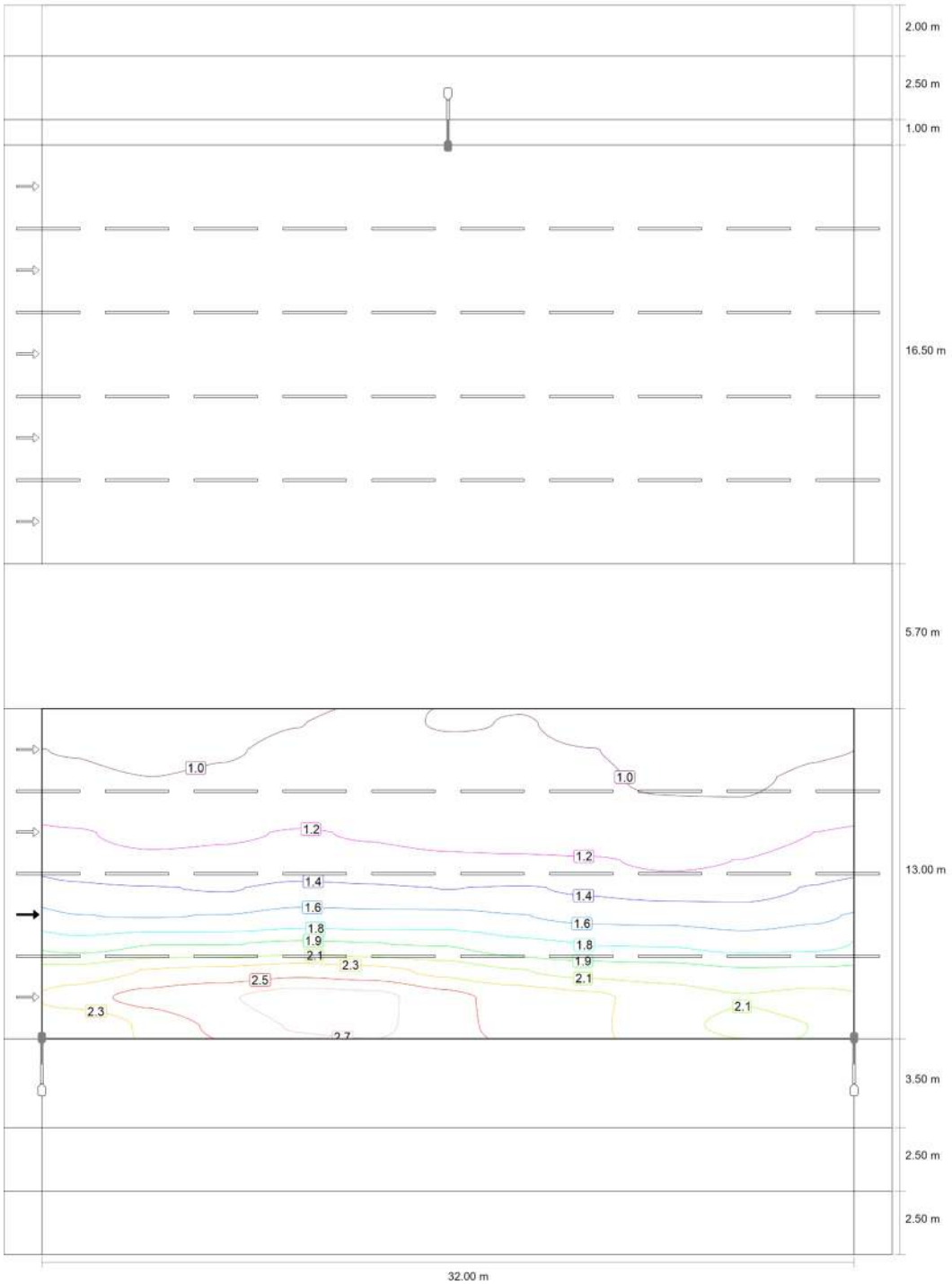
m	1.455	4.364	7.273	10.182	13.091	16.000	18.909	21.818	24.727	27.636	30.545
20.958	0.76	0.73	0.77	0.80	0.82	0.80	0.81	0.79	0.76	0.73	0.76
19.875	0.80	0.75	0.79	0.83	0.84	0.83	0.82	0.81	0.77	0.74	0.79
18.792	0.84	0.81	0.84	0.87	0.88	0.86	0.84	0.82	0.78	0.78	0.83
17.708	0.89	0.85	0.89	0.92	0.91	0.89	0.87	0.84	0.82	0.82	0.88
16.625	0.97	0.91	0.94	0.96	0.95	0.92	0.91	0.89	0.87	0.88	0.96
15.542	1.03	1.00	1.00	1.02	1.00	0.98	0.98	0.97	0.93	0.96	1.03
14.458	1.13	1.11	1.10	1.14	1.12	1.10	1.12	1.08	1.04	1.05	1.12
13.375	1.26	1.25	1.26	1.32	1.31	1.30	1.26	1.23	1.22	1.19	1.24
12.292	1.48	1.55	1.55	1.58	1.56	1.55	1.45	1.40	1.40	1.35	1.37
11.208	1.77	1.87	1.90	1.96	1.92	1.82	1.72	1.66	1.63	1.58	1.58
10.125	1.94	2.07	2.14	2.24	2.21	2.06	1.96	1.89	1.80	1.72	1.76
9.042	1.73	1.89	2.05	2.18	2.19	2.08	1.95	1.89	1.75	1.68	1.71

Observer 2: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 2: Maintenance value, luminance with dry roadway	1.22 cd/m²	0.73 cd/m²	2.24 cd/m²	0.60	0.33

Taikos pr. praplatėjimas prie Akropolio

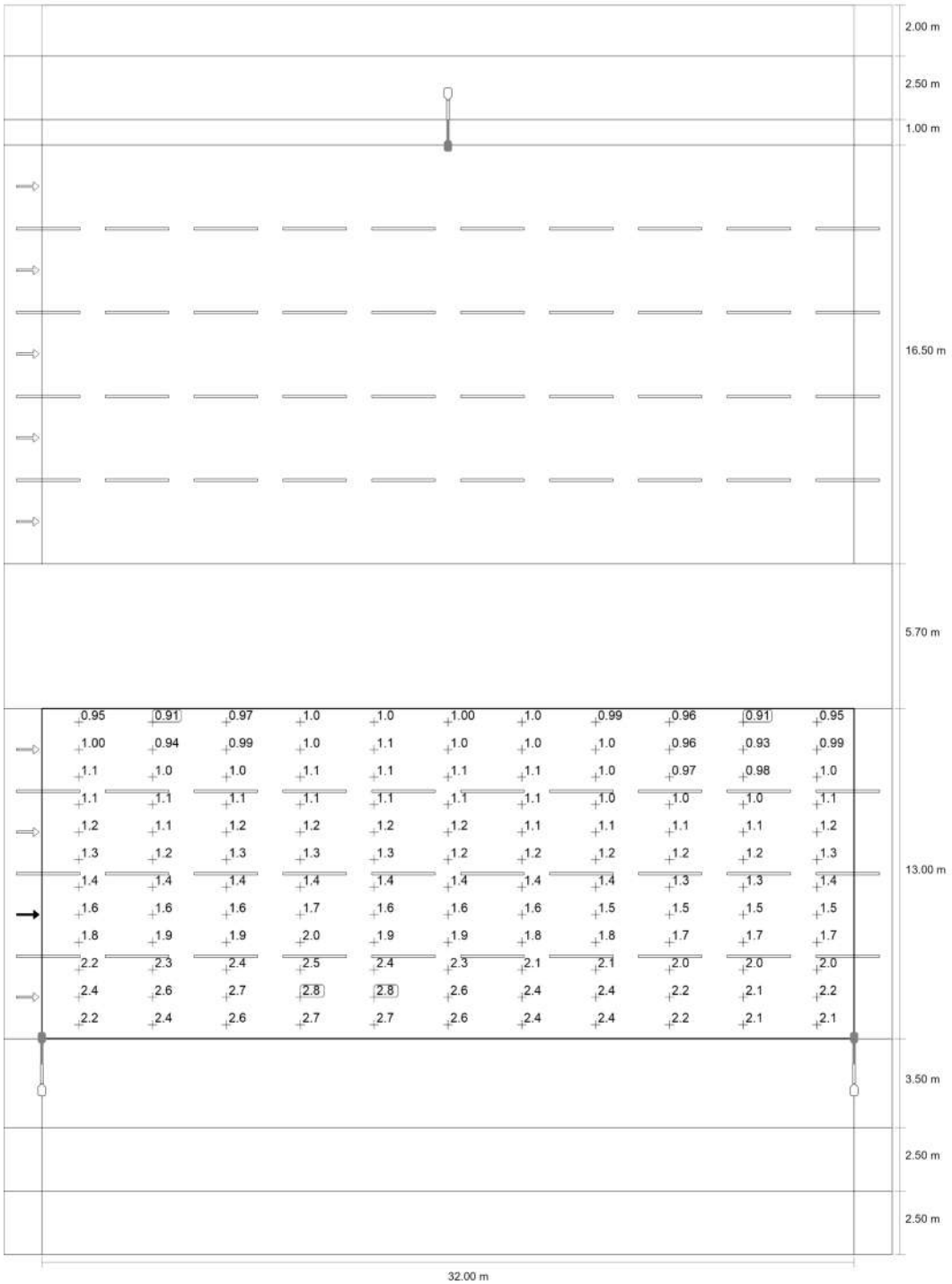
Taikos pr. praplatėjimas prie Akropolio (M3)



Observer 2: Luminance with new installation [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas prie Akropolio

Taikos pr. praplatėjimas prie Akropolio (M3)



Observer 2: Luminance with new installation [cd/m²] (Value grid)

Taikos pr. praplatėjimas prie Akropolio

Taikos pr. praplatėjimas prie Akropolio (M3)

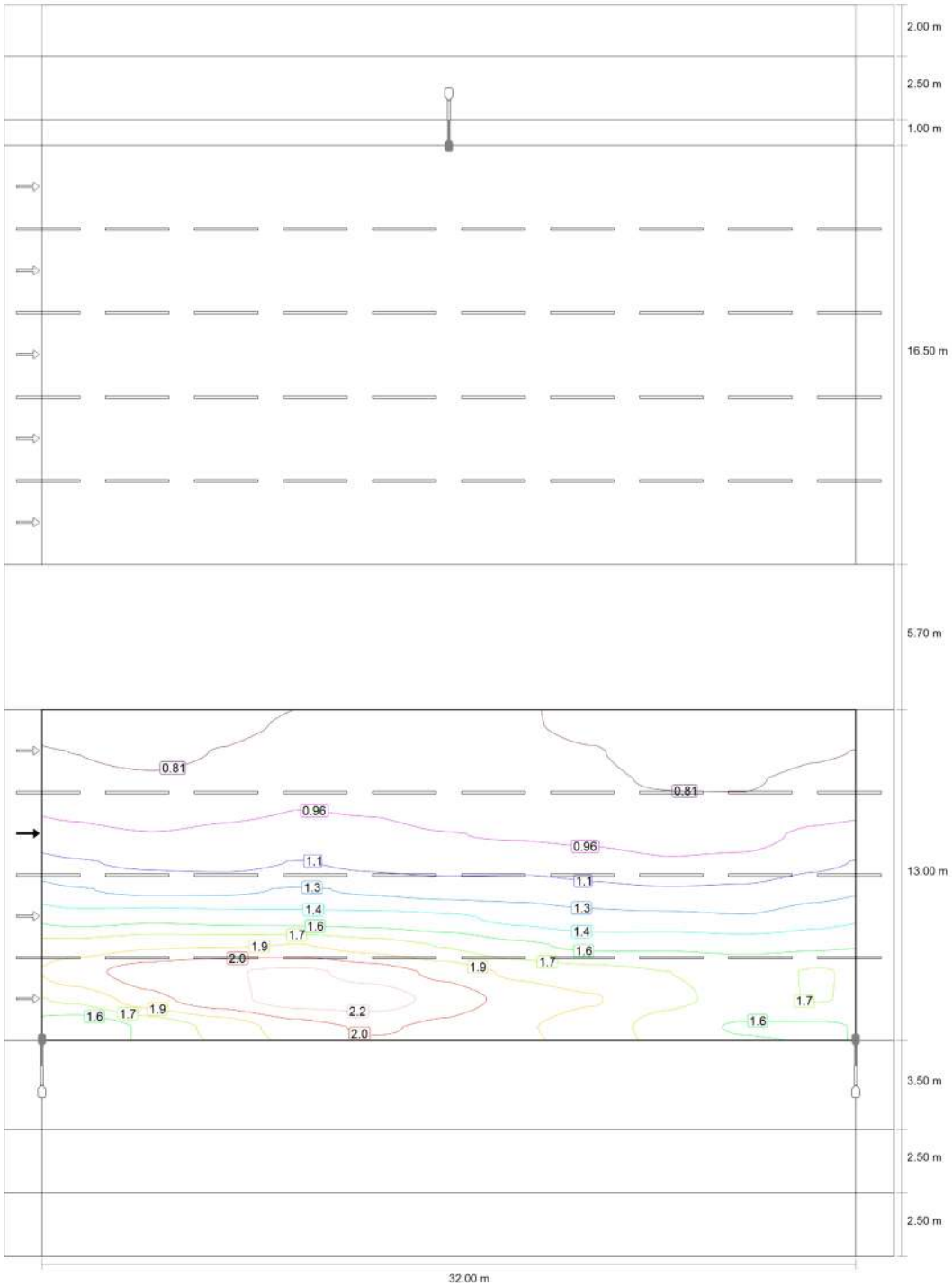
m	1.455	4.364	7.273	10.182	13.091	16.000	18.909	21.818	24.727	27.636	30.545
20.958	0.95	0.91	0.97	1.00	1.03	1.00	1.01	0.99	0.96	0.91	0.95
19.875	1.00	0.94	0.99	1.04	1.05	1.03	1.02	1.01	0.96	0.93	0.99
18.792	1.05	1.01	1.05	1.09	1.10	1.08	1.05	1.03	0.97	0.98	1.04
17.708	1.11	1.06	1.11	1.15	1.14	1.11	1.09	1.04	1.03	1.02	1.10
16.625	1.21	1.14	1.17	1.20	1.18	1.15	1.13	1.11	1.09	1.10	1.20
15.542	1.29	1.25	1.25	1.27	1.26	1.23	1.22	1.21	1.16	1.20	1.29
14.458	1.41	1.39	1.37	1.43	1.41	1.38	1.39	1.35	1.30	1.31	1.39
13.375	1.58	1.56	1.58	1.65	1.64	1.63	1.58	1.53	1.52	1.49	1.54
12.292	1.85	1.94	1.94	1.97	1.95	1.94	1.82	1.75	1.75	1.68	1.71
11.208	2.21	2.34	2.38	2.45	2.40	2.27	2.15	2.07	2.04	1.97	1.98
10.125	2.42	2.58	2.68	2.80	2.76	2.58	2.45	2.36	2.24	2.15	2.19
9.042	2.16	2.37	2.56	2.72	2.74	2.59	2.44	2.36	2.19	2.11	2.14

Observer 2: Luminance with new installation [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 2: Luminance with new installation	1.53 cd/m²	0.91 cd/m²	2.80 cd/m²	0.60	0.33

Taikos pr. praplatėjimas prie Akropolio

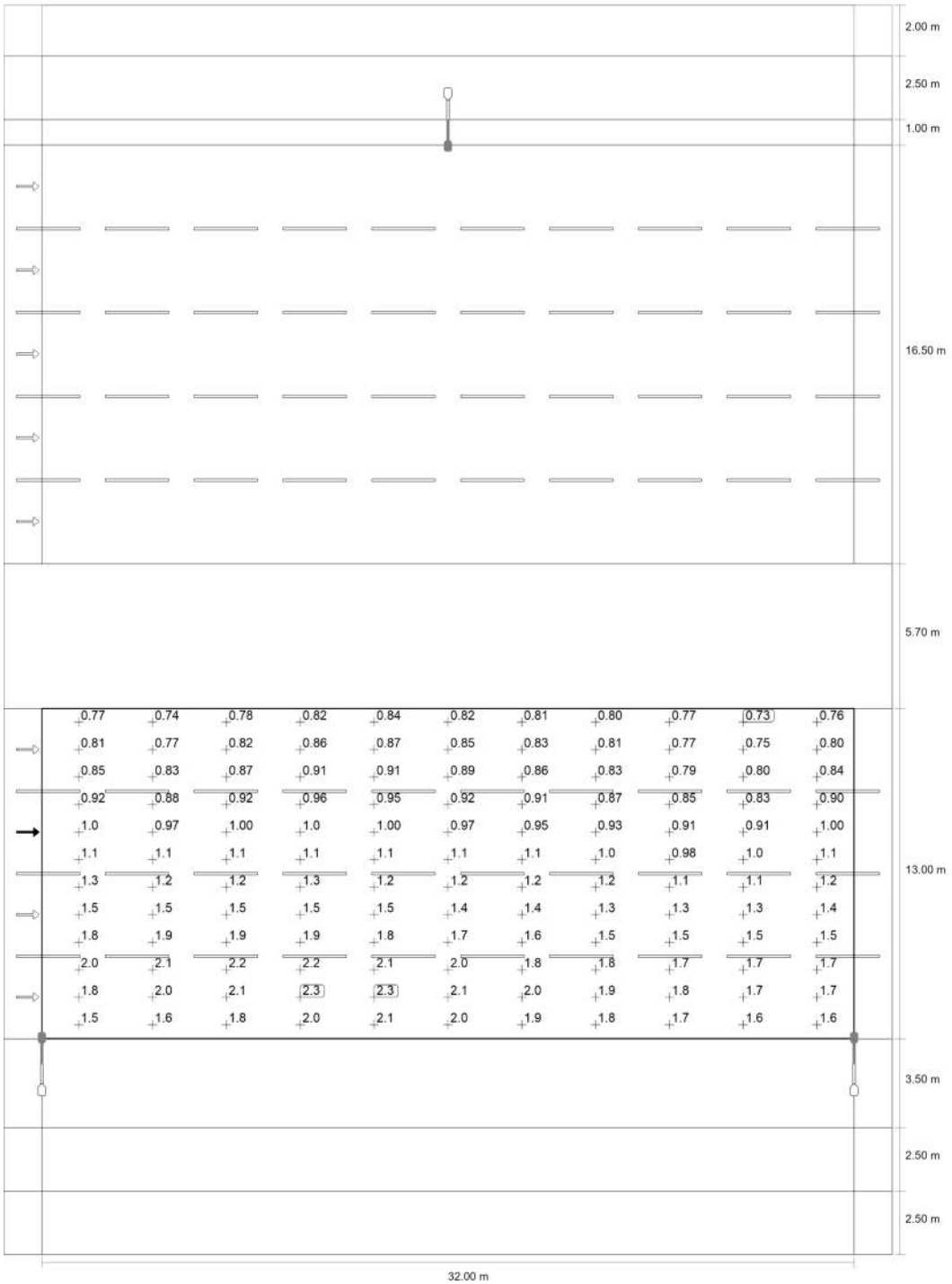
Taikos pr. praplatėjimas prie Akropolio (M3)



Observer 3: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas prie Akropolio

Taikos pr. praplatėjimas prie Akropolio (M3)



Observer 3: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

Taikos pr. praplatėjimas prie Akropolio

Taikos pr. praplatėjimas prie Akropolio (M3)

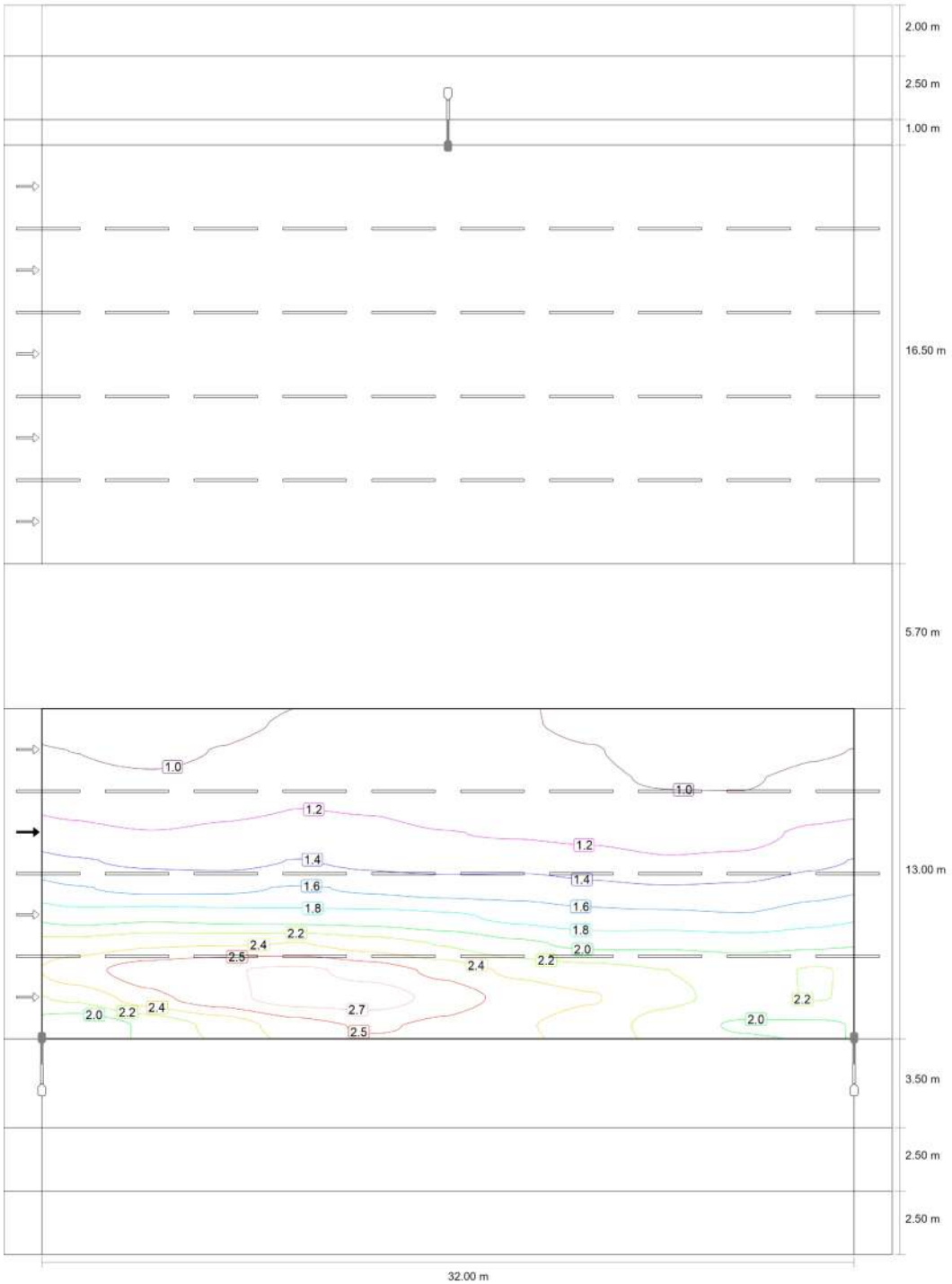
m	1.455	4.364	7.273	10.182	13.091	16.000	18.909	21.818	24.727	27.636	30.545
20.958	0.77	0.74	0.78	0.82	0.84	0.82	0.81	0.80	0.77	0.73	0.76
19.875	0.81	0.77	0.82	0.86	0.87	0.85	0.83	0.81	0.77	0.75	0.80
18.792	0.85	0.83	0.87	0.91	0.91	0.89	0.86	0.83	0.79	0.80	0.84
17.708	0.92	0.88	0.92	0.96	0.95	0.92	0.91	0.87	0.85	0.83	0.90
16.625	1.01	0.97	1.00	1.01	1.00	0.97	0.95	0.93	0.91	0.91	1.00
15.542	1.13	1.09	1.08	1.12	1.08	1.05	1.06	1.03	0.98	1.00	1.09
14.458	1.28	1.24	1.24	1.28	1.25	1.21	1.21	1.16	1.13	1.14	1.22
13.375	1.50	1.54	1.51	1.49	1.49	1.45	1.38	1.33	1.31	1.28	1.36
12.292	1.79	1.86	1.87	1.88	1.81	1.72	1.61	1.54	1.55	1.52	1.55
11.208	1.97	2.10	2.17	2.21	2.13	1.99	1.85	1.79	1.73	1.69	1.74
10.125	1.75	1.98	2.13	2.26	2.26	2.13	1.98	1.89	1.77	1.69	1.73
9.042	1.46	1.61	1.77	1.96	2.05	2.00	1.90	1.82	1.66	1.56	1.56

Observer 3: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 3: Maintenance value, luminance with dry roadway	1.28 cd/m²	0.73 cd/m²	2.26 cd/m²	0.57	0.32

Taikos pr. praplatėjimas prie Akropolio

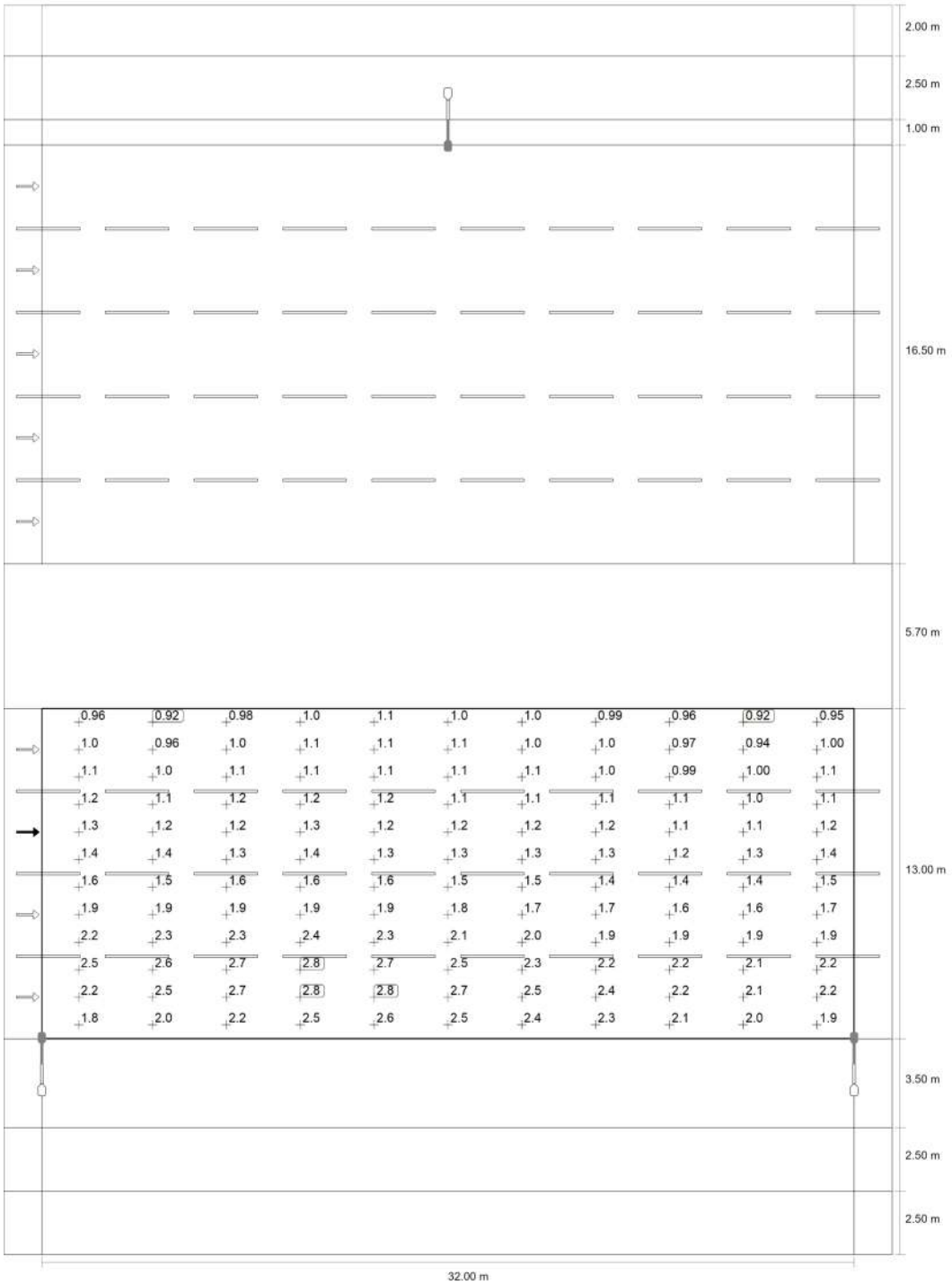
Taikos pr. praplatėjimas prie Akropolio (M3)



Observer 3: Luminance with new installation [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas prie Akropolio

Taikos pr. praplatėjimas prie Akropolio (M3)



Observer 3: Luminance with new installation [cd/m²] (Value grid)

Taikos pr. praplatėjimas prie Akropolio

Taikos pr. praplatėjimas prie Akropolio (M3)

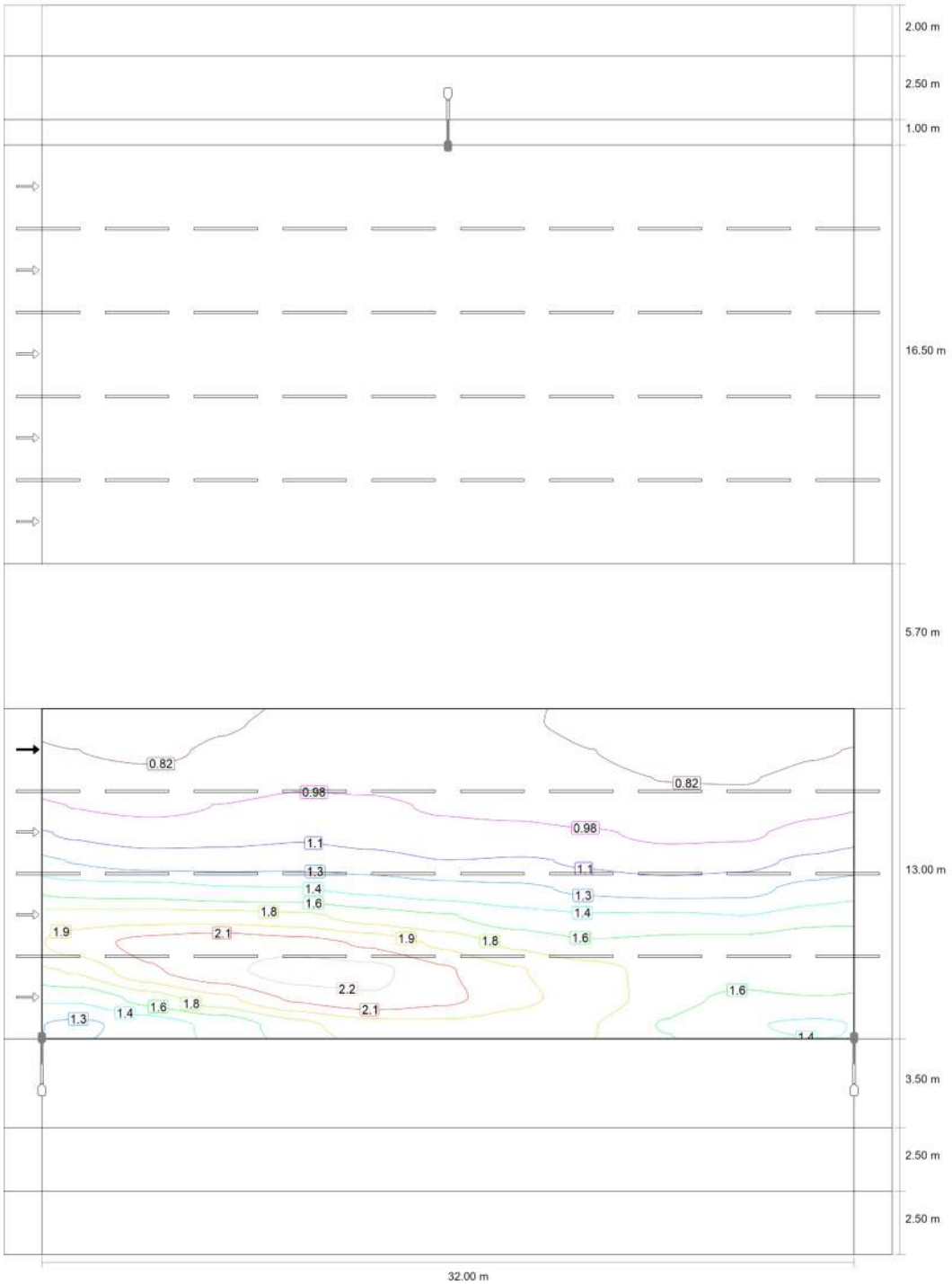
m	1.455	4.364	7.273	10.182	13.091	16.000	18.909	21.818	24.727	27.636	30.545
20.958	0.96	0.92	0.98	1.02	1.05	1.02	1.02	0.99	0.96	0.92	0.95
19.875	1.01	0.96	1.02	1.07	1.09	1.06	1.04	1.02	0.97	0.94	1.00
18.792	1.07	1.04	1.08	1.14	1.14	1.11	1.08	1.04	0.99	1.00	1.05
17.708	1.15	1.10	1.16	1.20	1.19	1.15	1.13	1.08	1.06	1.04	1.13
16.625	1.27	1.21	1.25	1.27	1.25	1.21	1.19	1.16	1.13	1.14	1.24
15.542	1.41	1.37	1.35	1.40	1.35	1.32	1.33	1.29	1.23	1.25	1.36
14.458	1.60	1.55	1.56	1.60	1.56	1.51	1.51	1.45	1.41	1.43	1.52
13.375	1.88	1.92	1.89	1.87	1.86	1.81	1.73	1.66	1.64	1.60	1.70
12.292	2.24	2.32	2.33	2.35	2.26	2.15	2.01	1.92	1.93	1.90	1.93
11.208	2.46	2.63	2.71	2.77	2.66	2.49	2.31	2.24	2.16	2.12	2.17
10.125	2.19	2.47	2.67	2.82	2.83	2.66	2.47	2.36	2.21	2.11	2.17
9.042	1.83	2.01	2.22	2.45	2.57	2.49	2.38	2.28	2.07	1.95	1.95

Observer 3: Luminance with new installation [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 3: Luminance with new installation	1.60 cd/m²	0.92 cd/m²	2.83 cd/m²	0.57	0.32

Taikos pr. praplatėjimas prie Akropolio

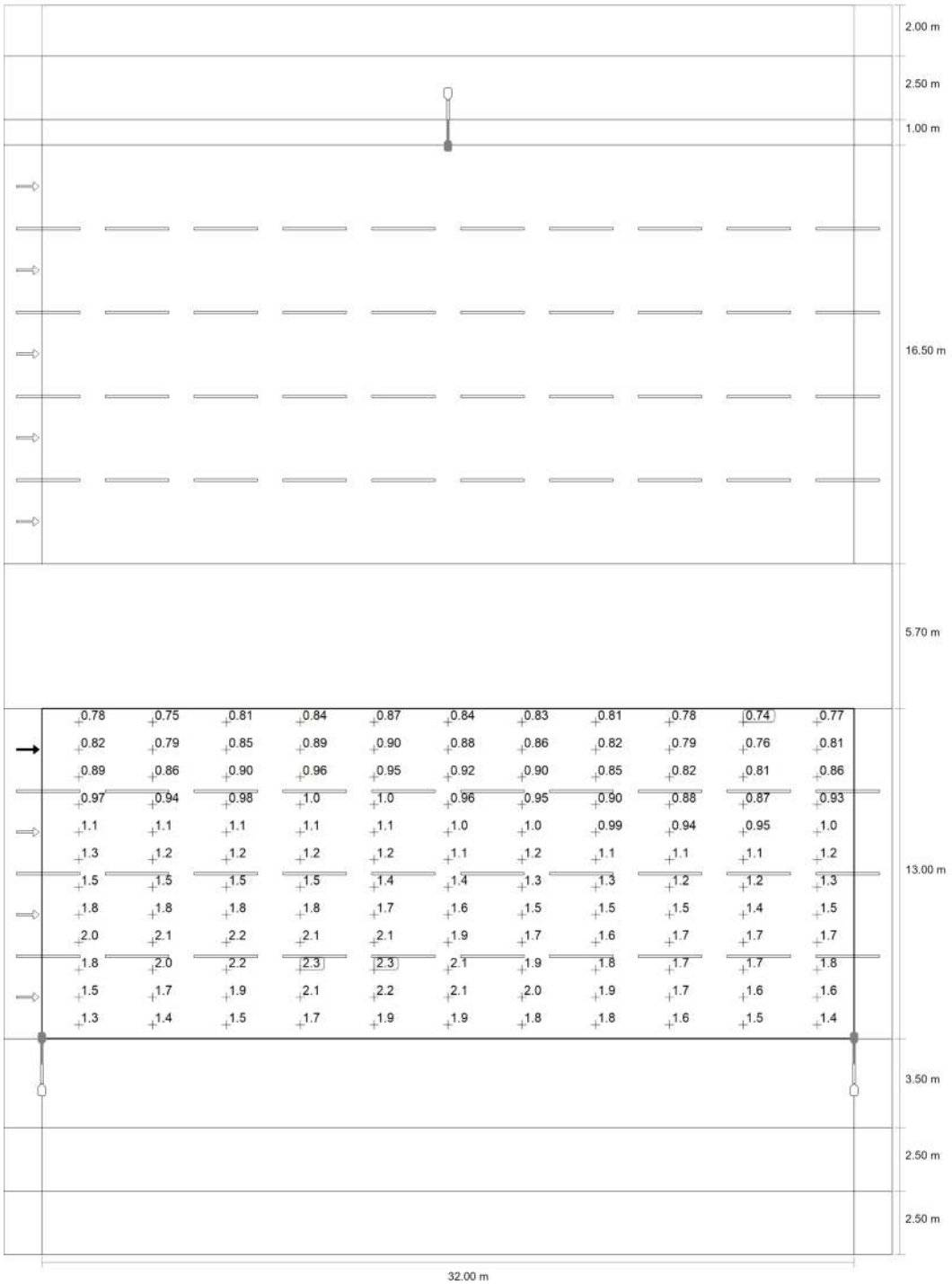
Taikos pr. praplatėjimas prie Akropolio (M3)



Observer 4: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas prie Akropolio

Taikos pr. praplatėjimas prie Akropolio (M3)



Observer 4: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

Taikos pr. praplatėjimas prie Akropolio

Taikos pr. praplatėjimas prie Akropolio (M3)

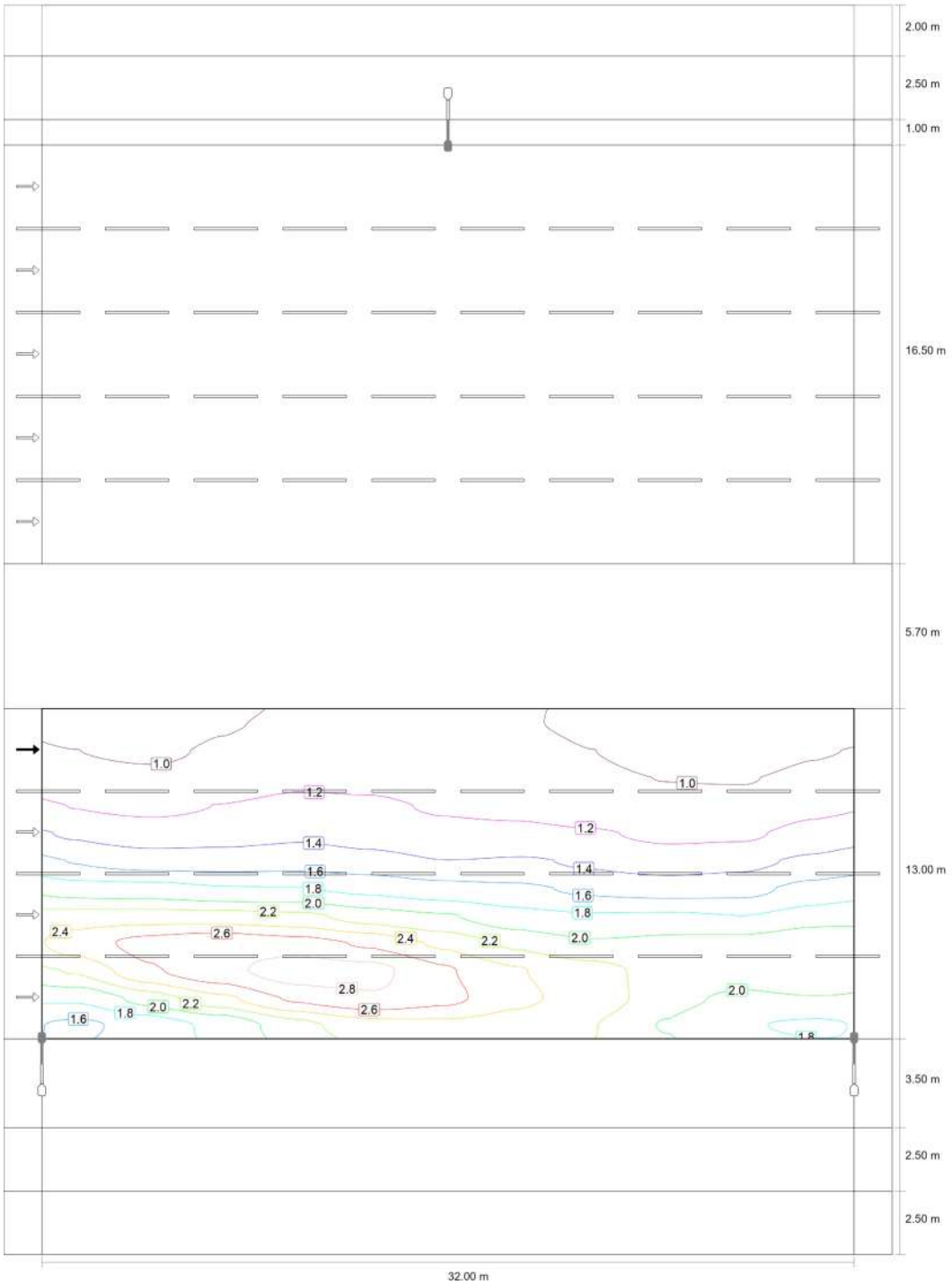
m	1.455	4.364	7.273	10.182	13.091	16.000	18.909	21.818	24.727	27.636	30.545
20.958	0.78	0.75	0.81	0.84	0.87	0.84	0.83	0.81	0.78	0.74	0.77
19.875	0.82	0.79	0.85	0.89	0.90	0.88	0.86	0.82	0.79	0.76	0.81
18.792	0.89	0.86	0.90	0.96	0.95	0.92	0.90	0.85	0.82	0.81	0.86
17.708	0.97	0.94	0.98	1.01	1.00	0.96	0.95	0.90	0.88	0.87	0.93
16.625	1.11	1.07	1.07	1.11	1.07	1.03	1.02	0.99	0.94	0.95	1.05
15.542	1.28	1.22	1.23	1.24	1.20	1.13	1.15	1.11	1.07	1.09	1.17
14.458	1.53	1.52	1.46	1.45	1.41	1.36	1.32	1.26	1.22	1.24	1.35
13.375	1.83	1.84	1.83	1.80	1.69	1.62	1.51	1.46	1.47	1.45	1.53
12.292	2.00	2.12	2.17	2.15	2.05	1.89	1.73	1.63	1.65	1.65	1.73
11.208	1.78	2.05	2.19	2.31	2.28	2.10	1.93	1.82	1.71	1.68	1.75
10.125	1.47	1.67	1.88	2.11	2.21	2.12	1.96	1.85	1.68	1.57	1.59
9.042	1.27	1.36	1.49	1.70	1.85	1.88	1.84	1.77	1.59	1.47	1.43

Observer 4: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 4: Maintenance value, luminance with dry roadway	1.33 cd/m²	0.74 cd/m²	2.31 cd/m²	0.56	0.32

Taikos pr. praplatėjimas prie Akropolio

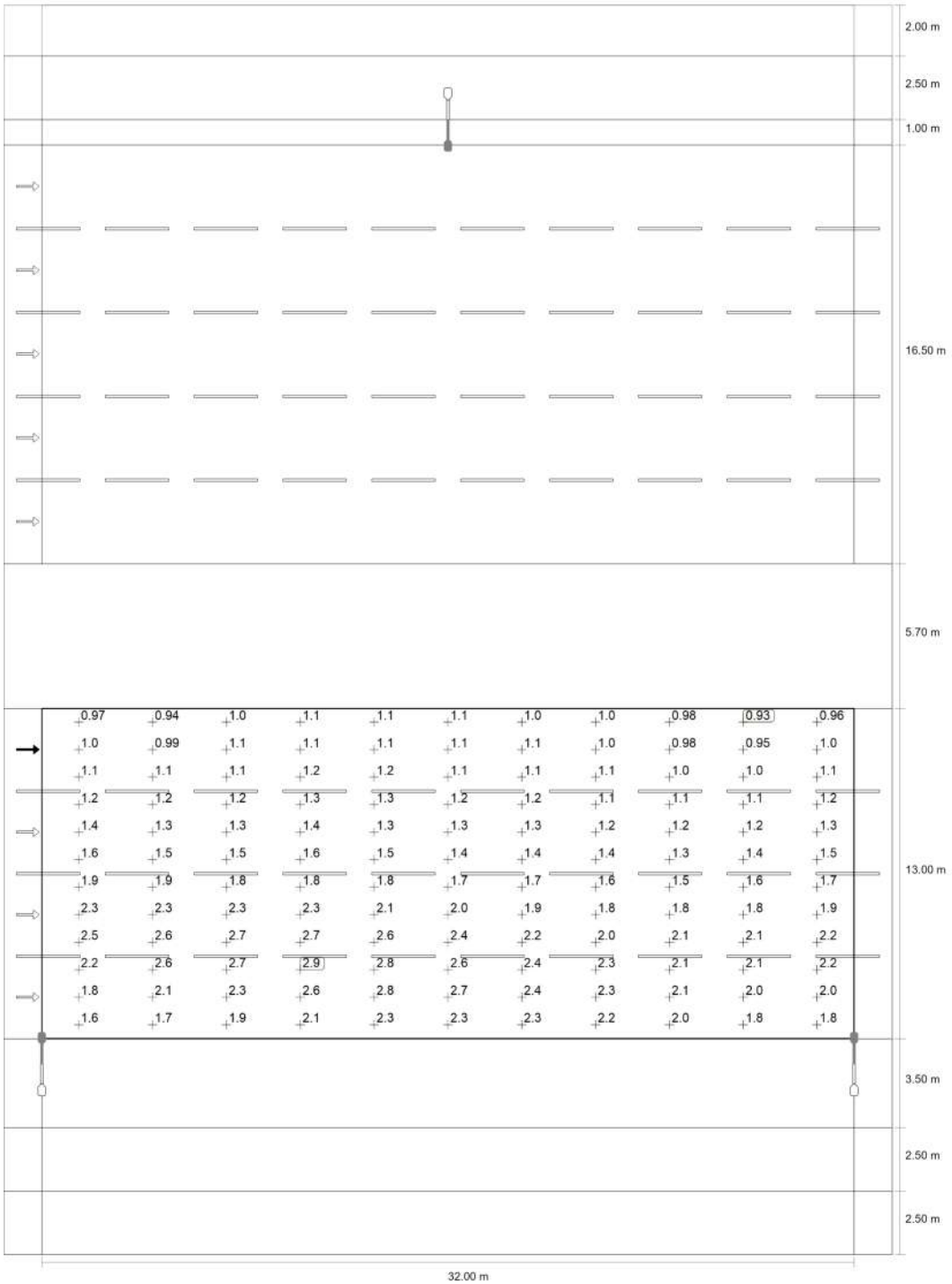
Taikos pr. praplatėjimas prie Akropolio (M3)



Observer 4: Luminance with new installation [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas prie Akropolio

Taikos pr. praplatėjimas prie Akropolio (M3)



Observer 4: Luminance with new installation [cd/m²] (Value grid)

Taikos pr. praplatėjimas prie Akropolio

Taikos pr. praplatėjimas prie Akropolio (M3)

m	1.455	4.364	7.273	10.182	13.091	16.000	18.909	21.818	24.727	27.636	30.545
20.958	0.97	0.94	1.01	1.05	1.08	1.05	1.04	1.01	0.98	0.93	0.96
19.875	1.03	0.99	1.06	1.12	1.12	1.10	1.07	1.03	0.98	0.95	1.01
18.792	1.11	1.08	1.13	1.19	1.18	1.15	1.12	1.06	1.02	1.02	1.08
17.708	1.21	1.18	1.23	1.27	1.25	1.20	1.18	1.13	1.10	1.09	1.17
16.625	1.39	1.33	1.34	1.38	1.33	1.29	1.27	1.24	1.18	1.19	1.31
15.542	1.60	1.53	1.53	1.55	1.50	1.42	1.44	1.38	1.33	1.36	1.46
14.458	1.91	1.89	1.83	1.81	1.77	1.70	1.65	1.57	1.53	1.55	1.69
13.375	2.28	2.30	2.29	2.25	2.11	2.03	1.89	1.83	1.84	1.81	1.91
12.292	2.50	2.65	2.72	2.69	2.56	2.36	2.16	2.04	2.07	2.07	2.16
11.208	2.22	2.56	2.74	2.89	2.85	2.62	2.41	2.27	2.14	2.10	2.19
10.125	1.84	2.09	2.35	2.63	2.76	2.65	2.45	2.32	2.10	1.96	1.99
9.042	1.58	1.70	1.86	2.13	2.32	2.35	2.30	2.21	1.99	1.84	1.78

Observer 4: Luminance with new installation [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 4: Luminance with new installation	1.66 cd/m²	0.93 cd/m²	2.89 cd/m²	0.56	0.32

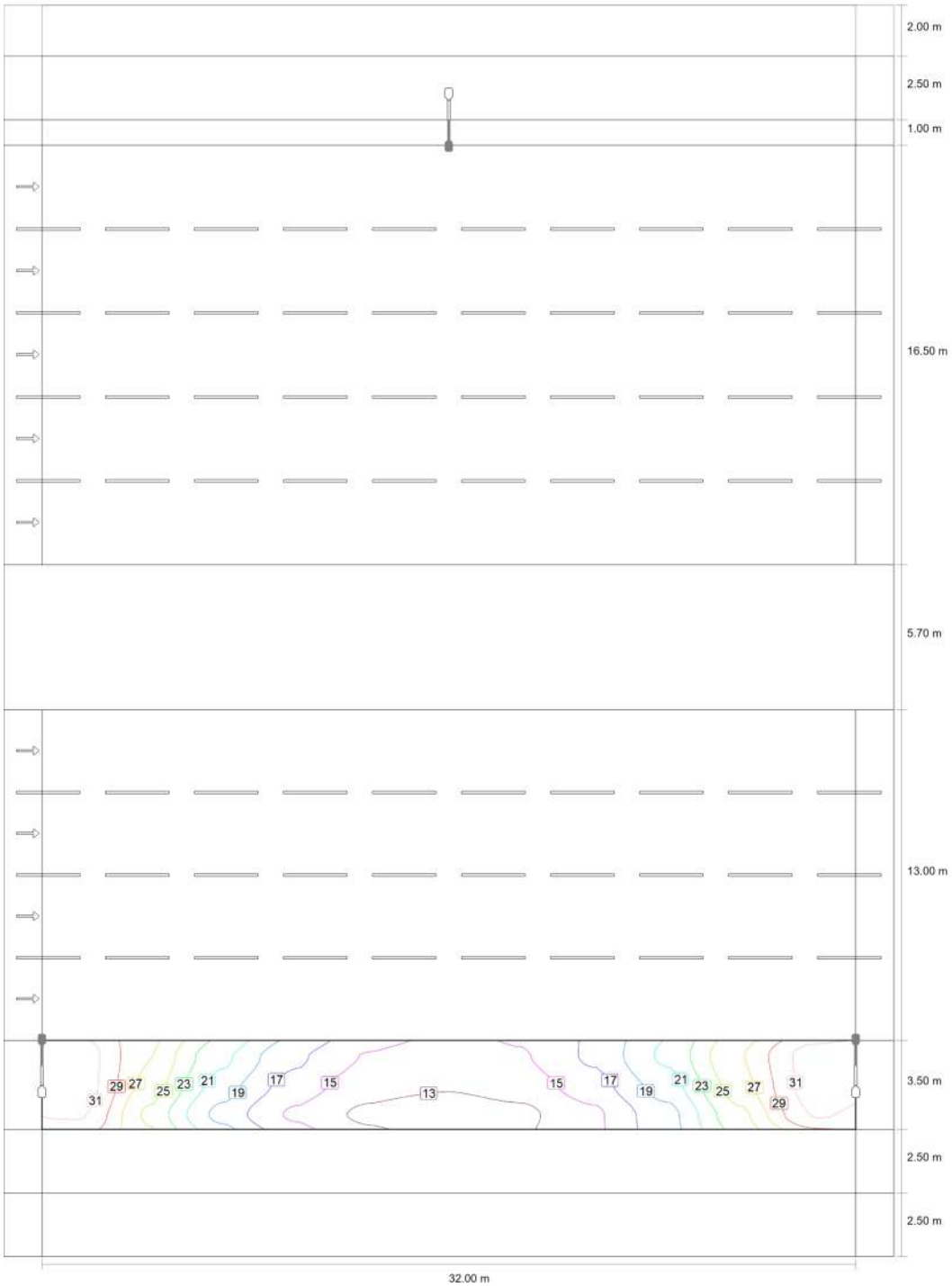
Sidewalk (P3)

Results for valuation field

	Symbol	Calculated	Target	Check
Sidewalk (P3)	E_{av}	20.99 lx	[7.50 - 11.25] lx	✓
	E_{min}	12.45 lx	≥ 1.50 lx	✓

Taikos pr. praplatėjimas prie Akropolio

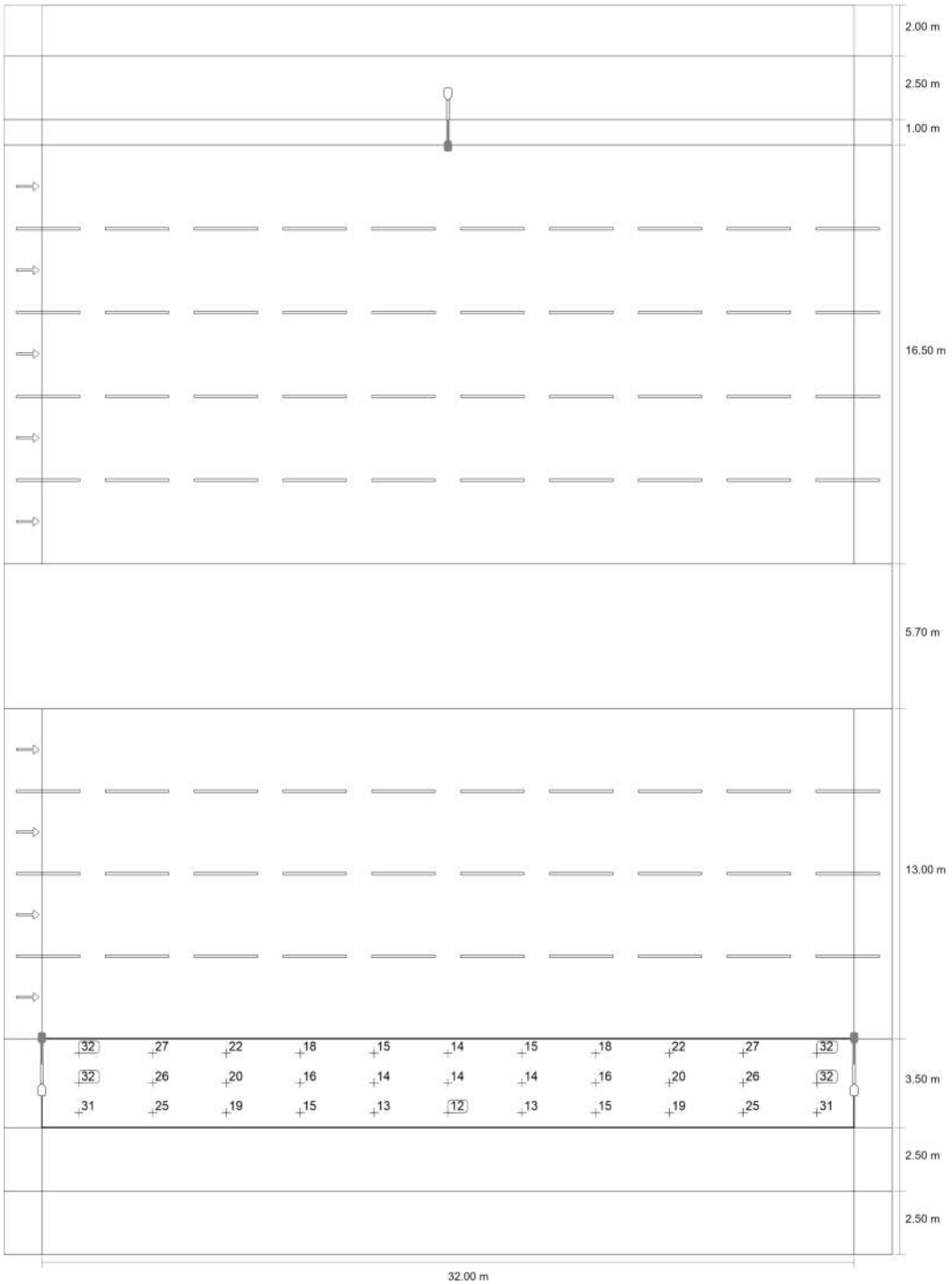
Sidewalk (P3)



Maintenance value, horizontal illuminance [lx] (Iso-illuminance curves)

Taikos pr. praplatėjimas prie Akropolio

Sidewalk (P3)



Maintenance value, horizontal illuminance [lx] (Value grid)

Taikos pr. praplatėjimas prie Akropolio

Sidewalk (P3)

m	1.455	4.364	7.273	10.182	13.091	16.000	18.909	21.818	24.727	27.636	30.545
7.917	32.08	27.18	21.67	17.70	15.22	14.47	15.22	17.70	21.67	27.18	32.08
6.750	32.09	26.36	20.29	16.47	14.24	13.59	14.24	16.47	20.29	26.36	32.09
5.583	31.28	24.76	18.69	15.06	13.01	12.45	13.01	15.06	18.69	24.76	31.28

Maintenance value, horizontal illuminance [lx] (Value chart)

	E_{av}	E_{min}	E_{max}	U_o (g_1)	g_2
Maintenance value, horizontal illuminance	21.0 lx	12.4 lx	32.1 lx	0.59	0.39

Bicycle lane (P3)

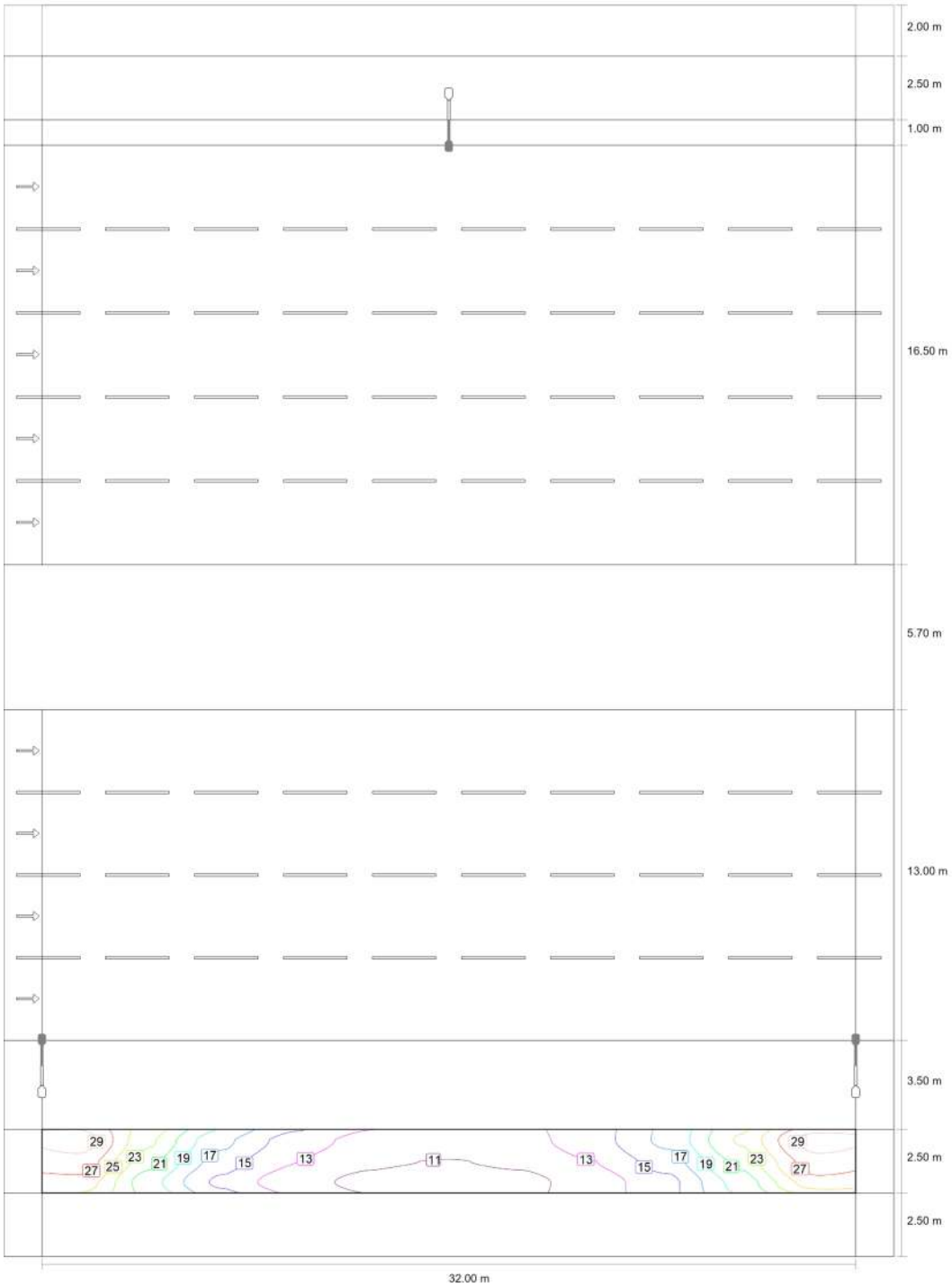
Results for valuation field

	Symbol	Calculated	Target	Check
Bicycle lane (P3)	E_{av}	16.97 lx	[7.50 - 11.25] lx	✓
	E_{min}	9.62 lx	≥ 1.50 lx	✓

DIALux

Taikos pr. praplatėjimas prie Akropolio

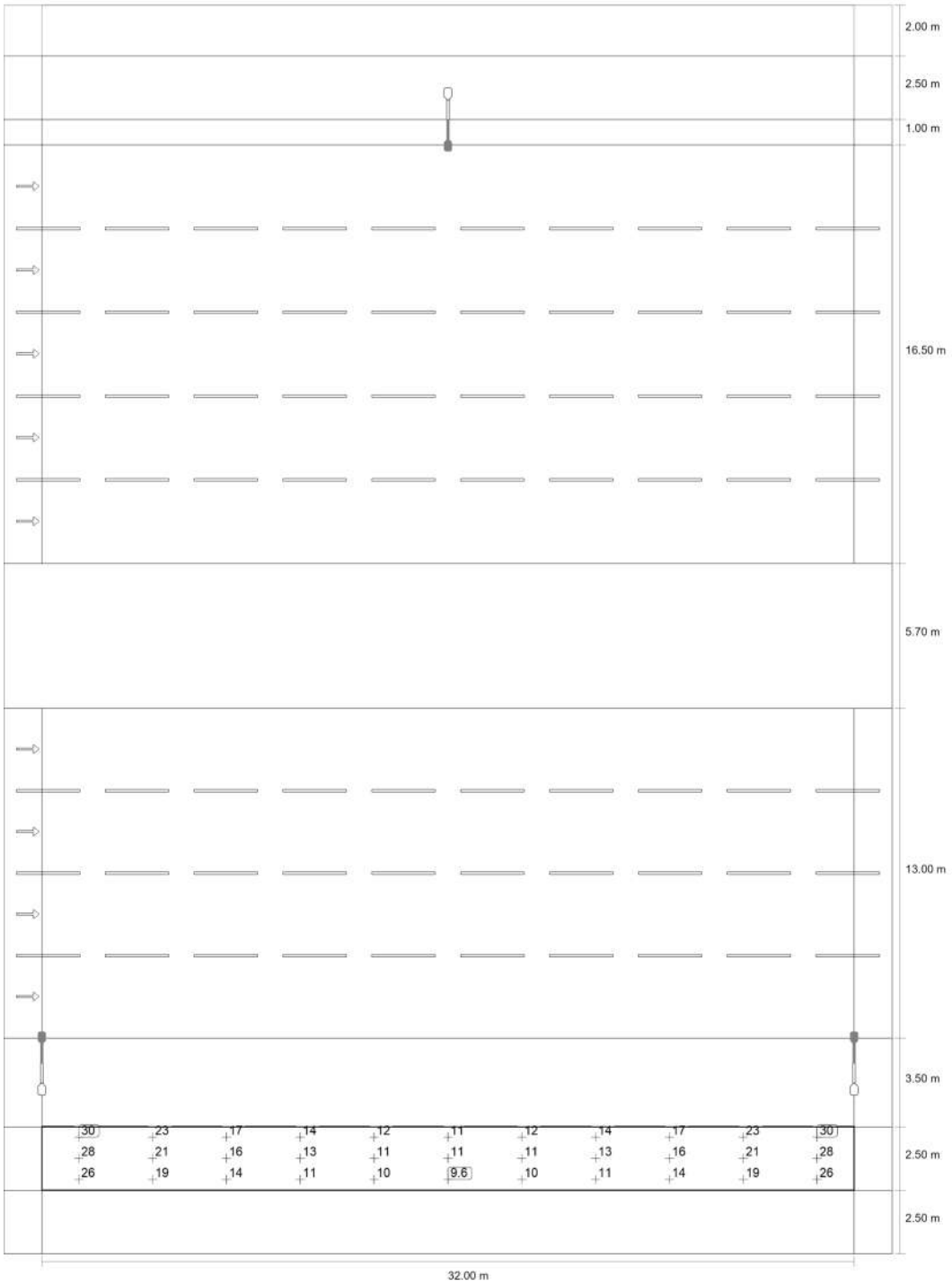
Bicycle lane (P3)



Maintenance value, horizontal illuminance [lx] (Iso-illuminance curves)

Taikos pr. praplatėjimas prie Akropolio

Bicycle lane (P3)



Maintenance value, horizontal illuminance [lx] (Value grid)

Taikos pr. praplatėjimas prie Akropolio

Bicycle lane (P3)

m	1.455	4.364	7.273	10.182	13.091	16.000	18.909	21.818	24.727	27.636	30.545
4.583	29.62	22.90	17.09	13.76	11.91	11.44	11.91	13.76	17.09	22.90	29.62
3.750	27.78	21.23	15.62	12.62	10.96	10.54	10.96	12.62	15.62	21.23	27.78
2.917	25.68	19.42	14.09	11.48	10.07	9.62	10.07	11.48	14.09	19.42	25.68

Maintenance value, horizontal illuminance [lx] (Value chart)

	E_{av}	E_{min}	E_{max}	U_o (g_1)	g_2
Maintenance value, horizontal illuminance	17.0 lx	9.62 lx	29.6 lx	0.57	0.32

Sidewalk (P3)

Results for valuation field

	Symbol	Calculated	Target	Check
Sidewalk (P3)	E_{av}	12.69 lx	[7.50 - 11.25] lx	✓
	E_{min}	7.28 lx	≥ 1.50 lx	✓

Taikos pr. praplatėjimas prie Akropolio

Sidewalk (P3)

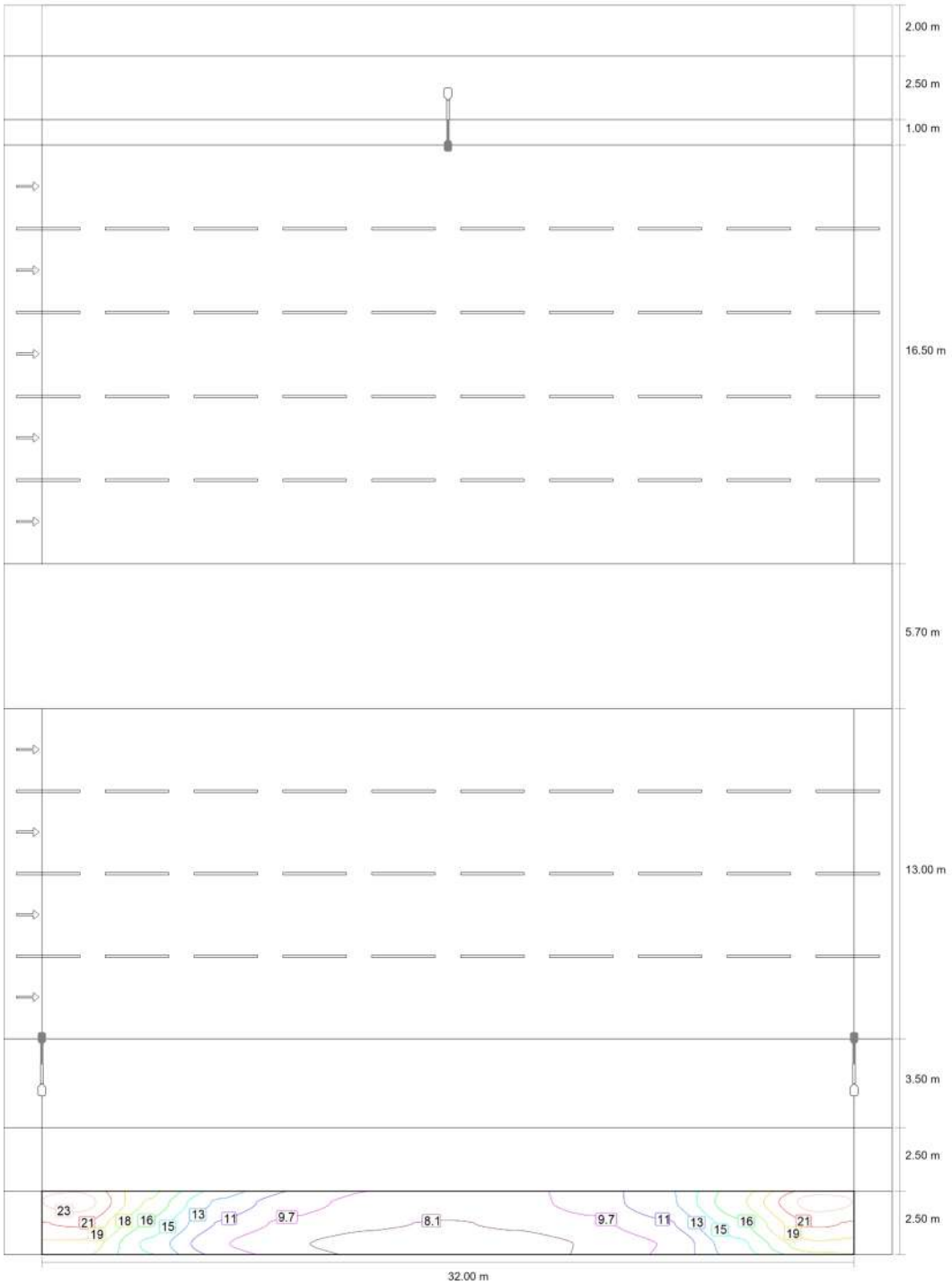
m	1.455	4.364	7.273	10.182	13.091	16.000	18.909	21.818	24.727	27.636	30.545
2.083	23.43	17.54	12.56	10.36	9.19	8.79	9.19	10.36	12.56	17.54	23.43
1.250	21.18	15.80	11.09	9.25	8.34	7.98	8.34	9.25	11.09	15.80	21.18
0.417	18.95	14.17	9.80	8.22	7.51	7.28	7.51	8.22	9.80	14.17	18.95

Maintenance value, horizontal illuminance [lx] (Value chart)

	E_{av}	E_{min}	E_{max}	U_o (g_1)	g_2
Maintenance value, horizontal illuminance	12.7 lx	7.28 lx	23.4 lx	0.57	0.31

Taikos pr. praplatėjimas prie Akropolio

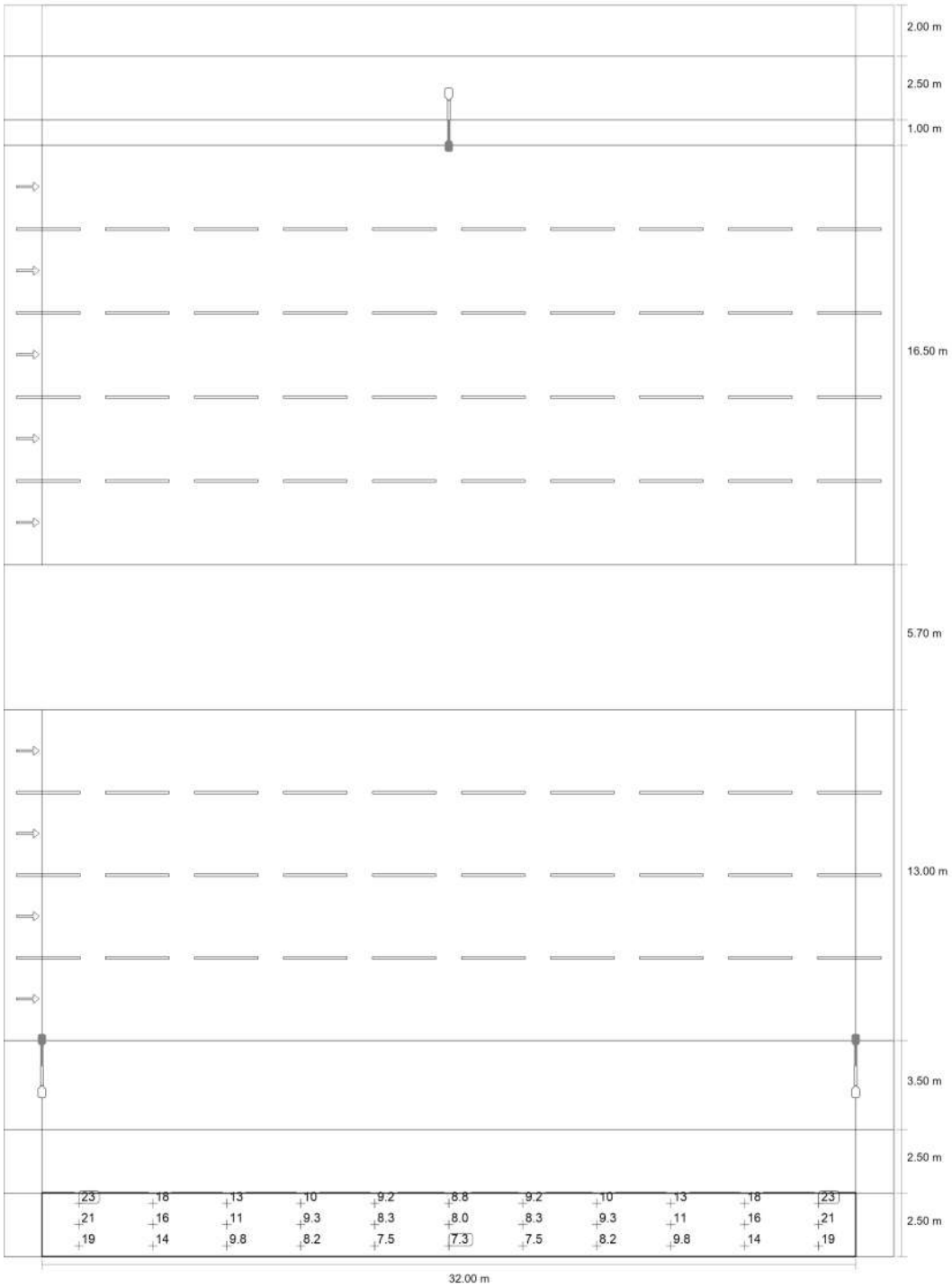
Sidewalk (P3)



Maintenance value, horizontal illuminance [lx] (Iso-illuminance curves)

Taikos pr. praplatėjimas prie Akropolio

Sidewalk (P3)



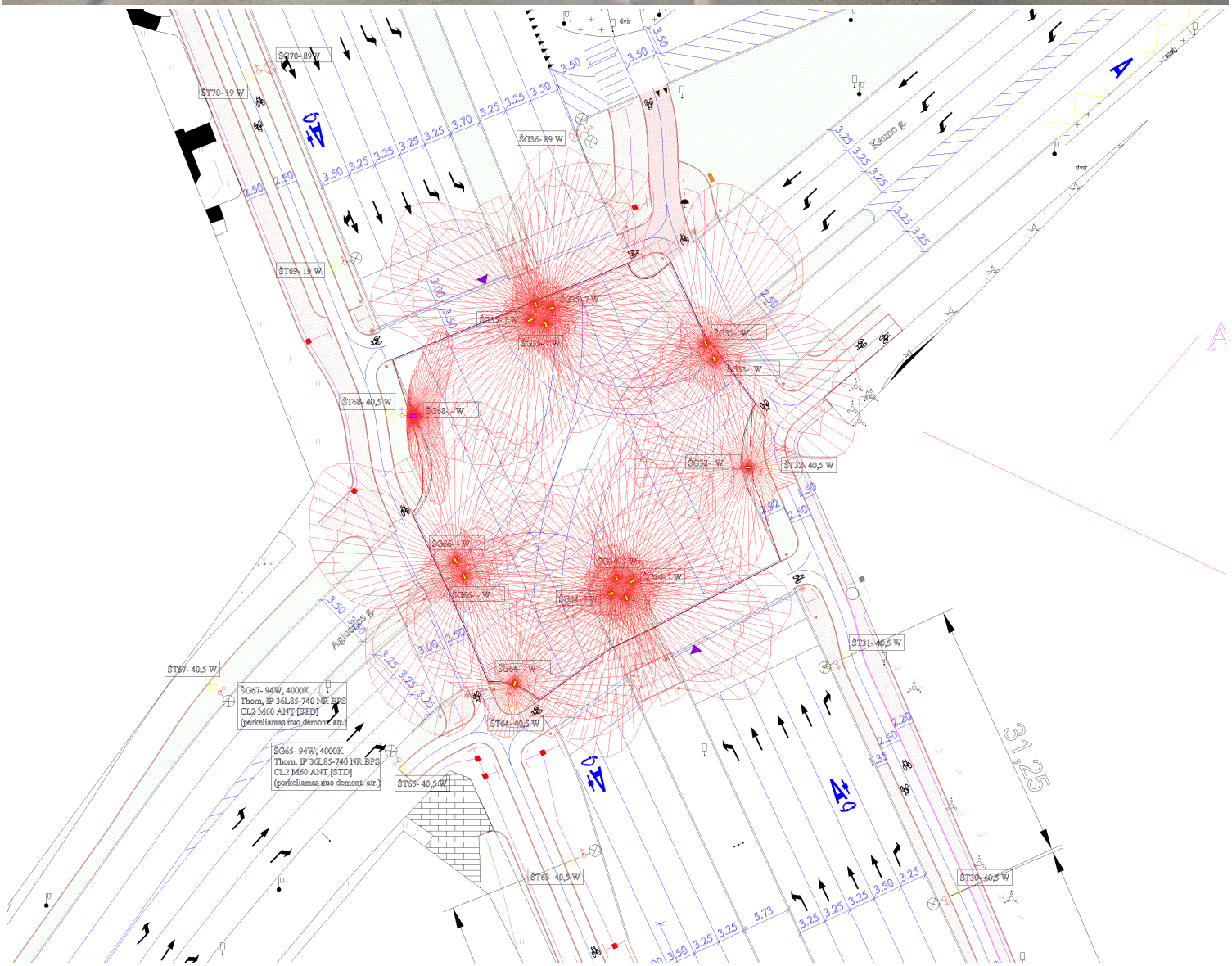
Maintenance value, horizontal illuminance [lx] (Value grid)

Object	:	Sankryža prie Akropolio
Installation	:	
Project number	:	Taikos pr. Klaipėda
Date	:	31.05.2024

ŠVIESOS TECHNOLOGIJOS

Sankryža prie Akropolio

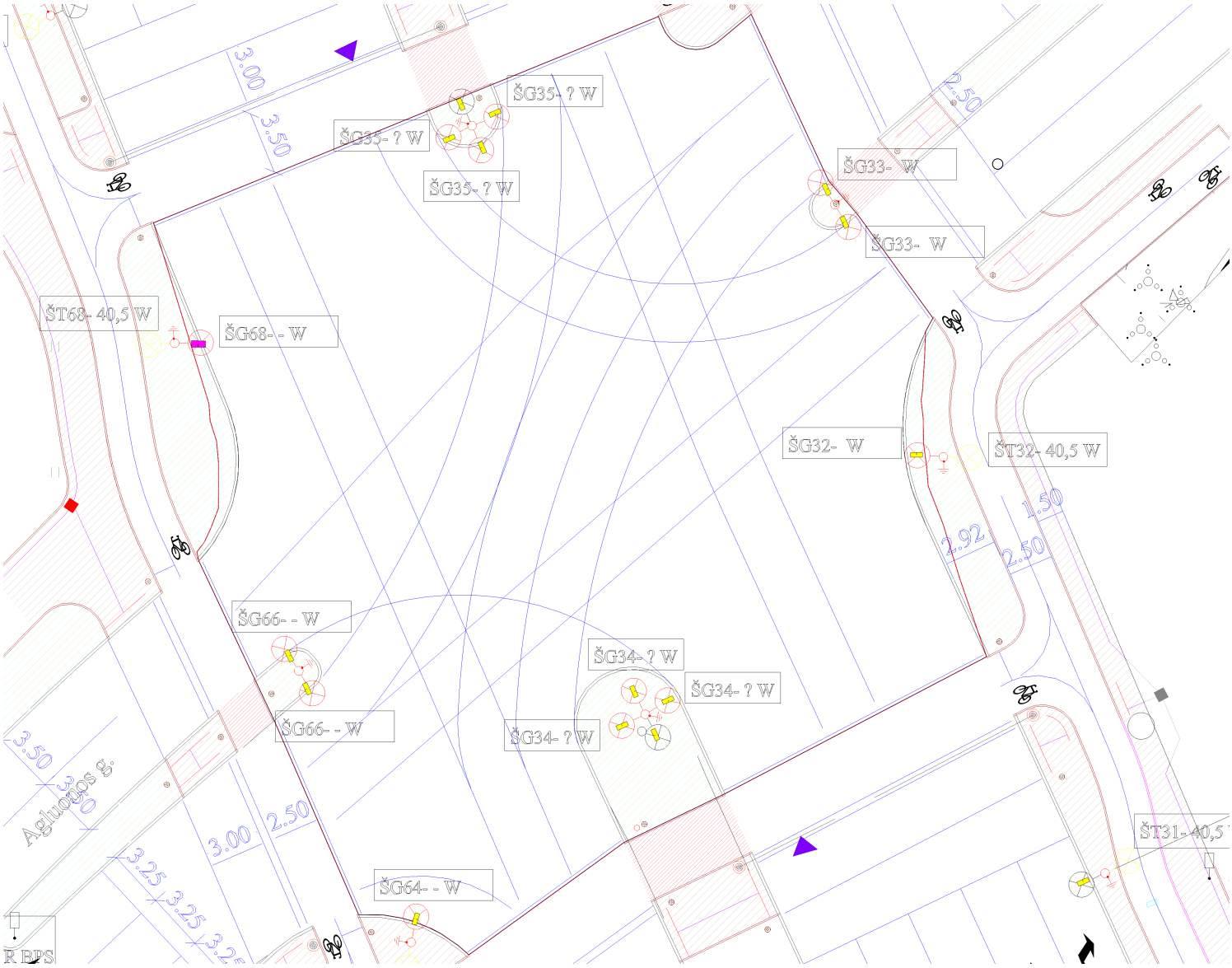




Object : Sankryža prie Akropolio
Installation :
Project number : Taikos pr. Klaipėda
Date : 31.05.2024

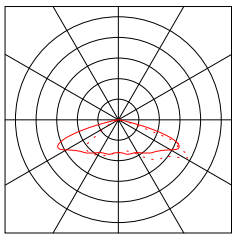
ŠVIESOS TECHNOLOGIJOS

Sankryža prie Akropolio



CARIBONI GROUP

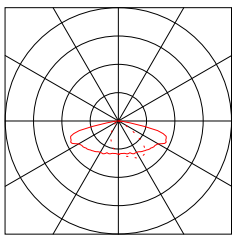
14 Order No. : 01KO3E854016AHM4-5700
Luminaire name : KOINE'-M R4-5700K 105W 540mA PB-01
Equipment : 1 x LED R4 4K D540 105 W / 16840 lm





PHILIPS/2024-05-17 Eulumdat/1 B-Tilt = 0.00

1 Order No. : 5700K BGP762 T25 1 xLED120-4S_757 DM12.ldt
Luminaire name : BGP762 T25 1 xLED120-4S/757 DM12
Equipment : 1 x LED120-4S/757 70 W / 12000 lm



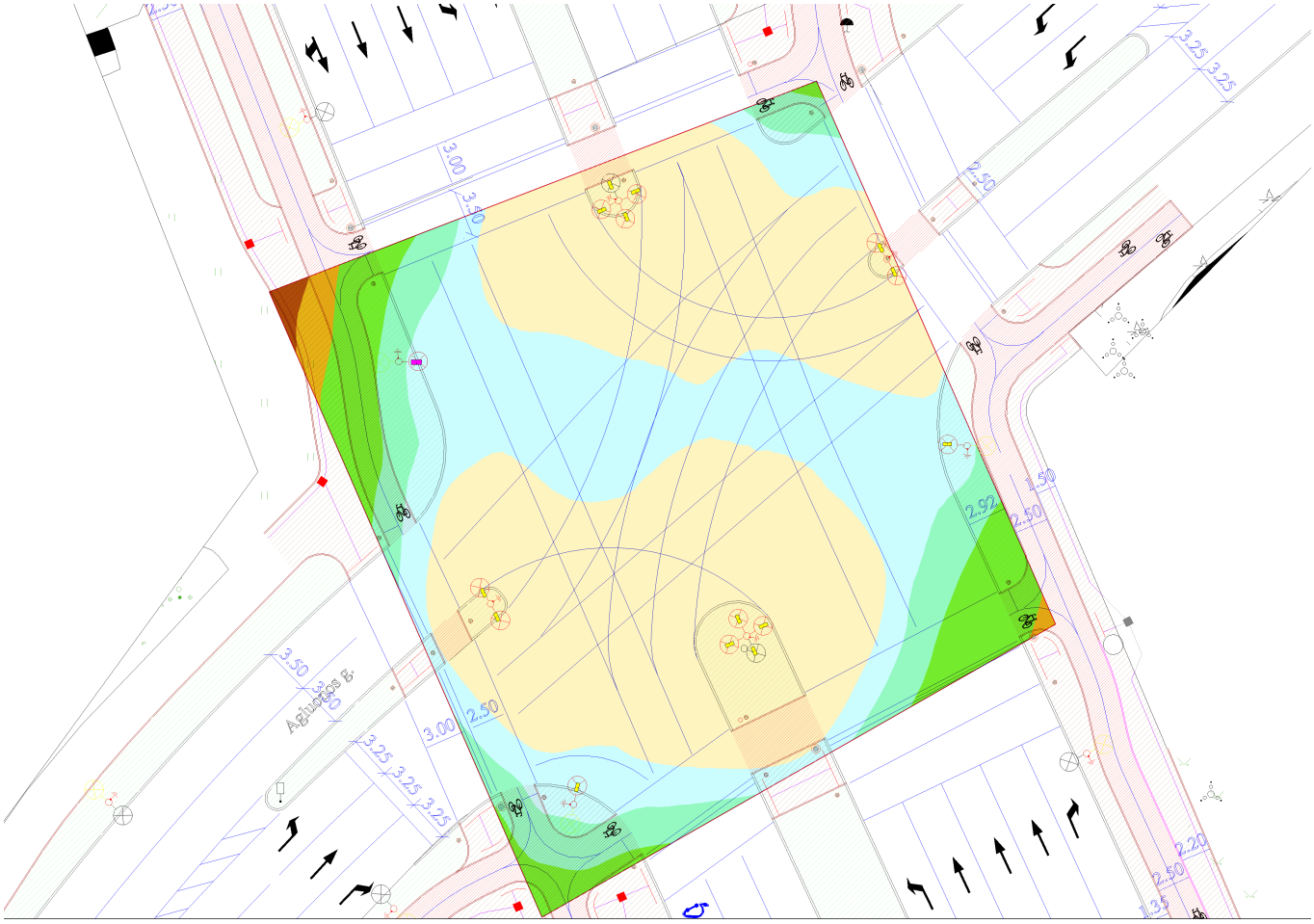


Object	:	Sankryža prie Akropolio
Installation	:	
Project number	:	Taikos pr. Klaipėda
Date	:	31.05.2024

Sankryža prie Akropolio

Calculation results

Pseudo colours, Reference plane (E)





Illuminance [lx]

Height of the reference plane : 0.00 m

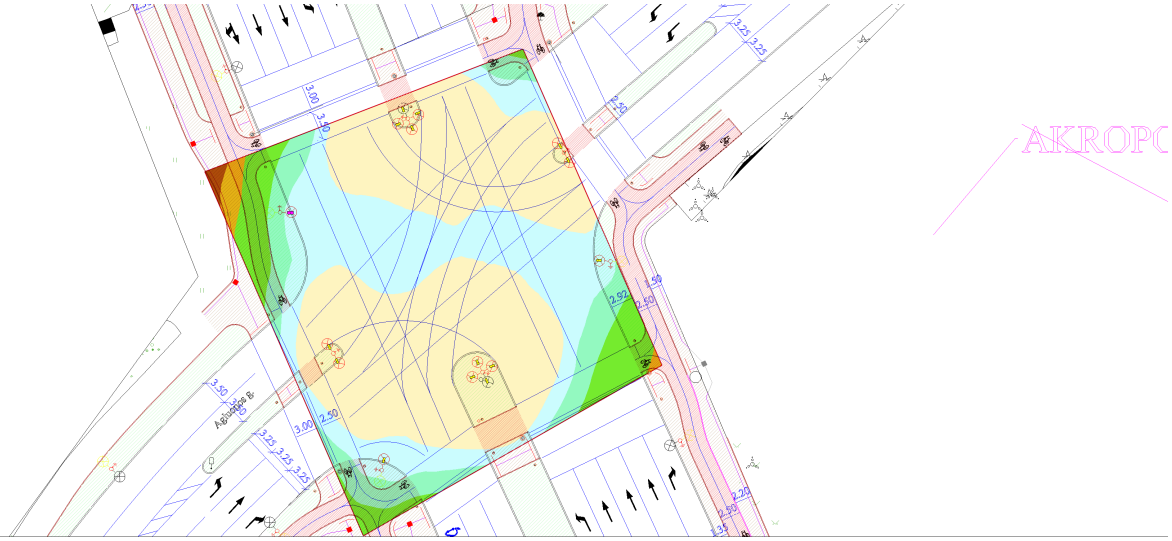
Average illuminance	Eav	: 49.8 lx
Minimum illuminance	Emin	: 7.4 lx
Maximum illuminance	Emax	: 94.8 lx
Uniformity Uo	Emin/Eav	: 1 : 6.71 (0.15)

Object	:	Sankryža prie Akropolio
Installation	:	
Project number	:	Taikos pr. Klaipėda
Date	:	31.05.2024

Sankryža prie Akropolio

Summary

Result overview, Evaluation area





Illuminance [lx]

General

Calculation algorithm used	Average indirect fraction
photometric centre height.	10.00 m
Maintenance factor	0.80
Total luminous flux of all lamps	247760 lm
Total power	1540.0 W
Total power per area (2141.29 m²)	0.72 W/m² (1.44 W/m²/100lx)

Evaluation area	**Reference plane**
	Horizontal
Em	49.8 lx
Emin	7.4 lx
Emin/Eav (Uo)	0.15
Position	0.00 m

Object	:	Sankryža prie Akropolio
Installation	:	
Project number	:	Taikos pr. Klaipėda
Date	:	31.05.2024

Luminaire data

CARIBONI GROUP, KOINE'-M R4-5700K 105W... (01KO3E854016AHM...)

Data sheet

Manufacturer: CARIBONI GROUP

01KO3E854016AHM4-5700 **KOINE'-M R4-5700K 105W 540mA PB-01**

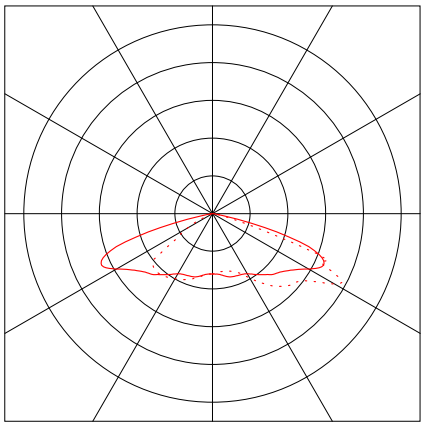
Luminaire data

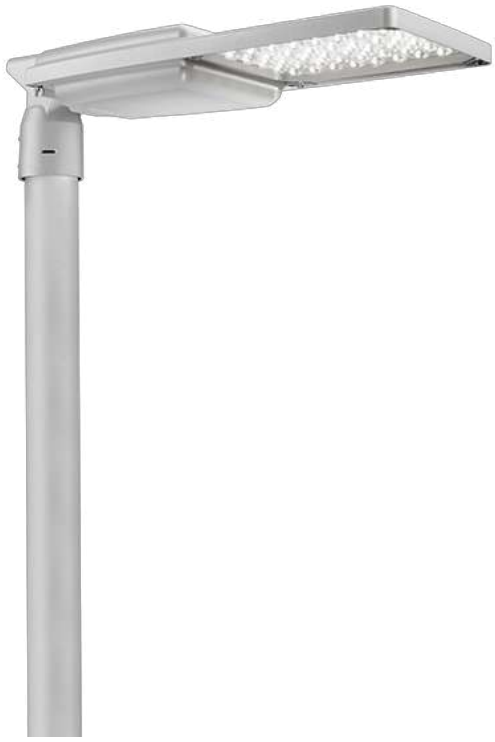
Luminaire efficiency	:	100%
Luminaire efficacy	:	160.38 lm/W
Classification	:	A30 ↓100.0% ↑0.0%
CIE Flux Codes	:	29 64 98 100 100
UGR 4H 8H	:	37.1 / 24.7
Power	:	105 W
Luminous flux	:	16840 lm

Equipped with

Quantity	:	1
Designation	:	LED R4 4K D540
Colour	:	5700
Luminous flux	:	16840 lm
Colour reproduction	:	70

Dimensions : 661 mm x 257 mm x 98 mm



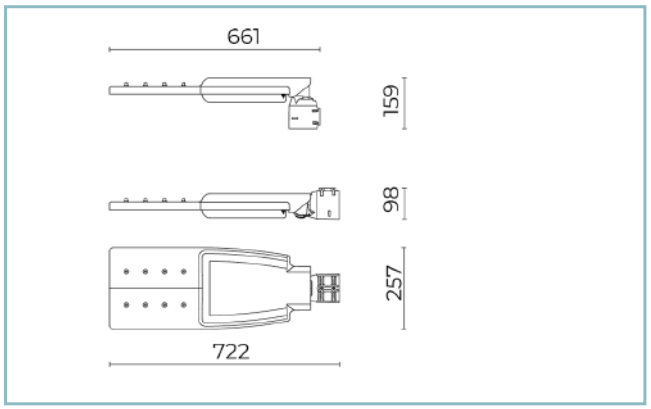


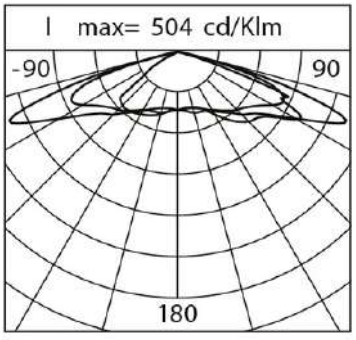
Product Sheet

Koinè Pole System
Size: medium
Color Temperature: 5700 K Type of optics: PB-01 Low pole

01KO3E854016AHM4-5700
Colour: Grey RAL9006







General Features

Description: LED street ûxture
Insulation class: class II
Rated voltage: 220-240 V 50/60 Hz
Protection Grade: IP66
Impact protection: IK09
Surge protection device: integrated 10kV-10kA
Power Factor: > 0.9
Ambient temperature Ta: -30°C +50°C
Weight: 6.2 kg
Max exposed surface: 0.155 m²
Lateral exposed surface: 0.039 m²
Common mode surge protection: 10 kV
Overvoltage protection differential mode: 10 kV
Drivers: included
Lifetime driver: >100.000h @Ta25°C
Marks and Certiûcations: ENEC / CE

Source üow:	19580 lm
Source power:	98 W
Source efûciency:	199 lm/W
Device üow:	16840 lm
Device power:	105 W
Appliance efûciency:	160 lm/W
Glare Index Category:	D4

Optical System

Source: LED R4
Color Temperature: 5700 K
Color Rendering Index (CRI): ≥ 70
Color Consistency (SDCM): ≤ 3
Type of optics: PB-01 Low pole
Optical group life: >100.000h @Ta25°C L90B10
Photobiological safety class: EXEMPT GROUP
ULOR: 0%
DLOR: 100%
Light intensity category: G*4
BUG rating: B3-U0-G2

Normative References

EN60598-1, EN60598-2-3, EN61547; EN62471, EN55015, EN61000-3-2, EN61000-3-3

Object	:	Sankryža prie Akropolio
Installation	:	
Project number	:	Taikos pr. Klaipėda
Date	:	31.05.2024

Luminaire data

PHILIPS/2024-05-17 Eulumdat/1 B-Tilt = 0.00, BGP762 T25 1 xLED120-4... (5700K BGP762 T2...)

Data sheet

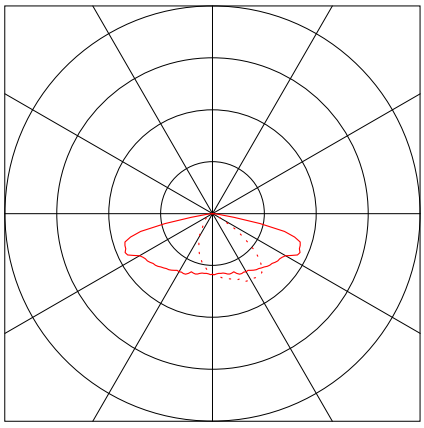
Manufacturer: PHILIPS/2024-05-17 Eulumdat/1 B-Tilt = 0.00

5700K BGP762 T25 1 xLED120-4S_757 DM12.ldt **BGP762 T25 1 xLED120-4S/757 DM12**

Luminaire data		
Luminaire efficiency	:	92%
Luminaire efficacy	:	157.71 lm/W
Classification	:	A30 ↓100.0% ↑0.0%
CIE Flux Codes	:	39 75 97 100 92
UGR 4H 8H	:	37.5 / 16.6
Power	:	70 W
Luminous flux	:	11040 lm

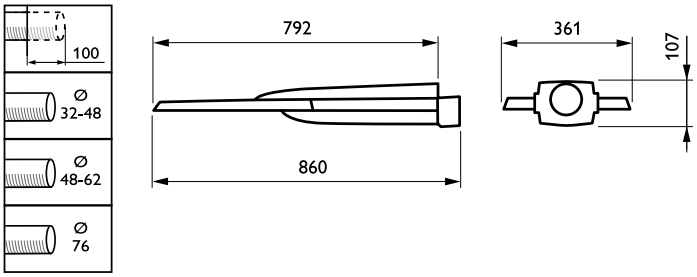
Equipped with		
Quantity	:	1
Designation	:	LED120-4S/757
Colour	:	5700
Luminous flux	:	12000 lm
Colour reproduction	:	70

Dimensions : 792 mm x 361 mm x 107 mm





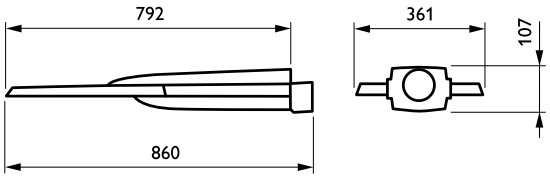
Dimensional drawing



BGP762 LED120



DigiStreet Medium, LED module 12000 lm
Safety class I, Distribution medium 10, Dark gray, Luminaire surge protection level until 6 kV differential mode and 8 kV common mode, Spigot for diameter 62 mm



Developed with the aim to become your long term partner ,. the system ready architecture of DigiStreet enables you to enjoy the benefits of connected lighting systems today and also gets the city ready for the innovations to come!. Its two sockets enable you to connect directly to the Philips CityTouch system and is also prepared to connect you to the future innovations of IoT. Next to this, each individual luminaire is uniquely identifiable, thanks to the Philips Service tag application. With a simple scan of a QR code, placed on the inside of the mast door, you gain instant access to the luminaire configuration, making maintenance and programming operations faster and easier, no matter what stage of the luminaire's lifetime. Digistreet is also equipped with dedicated light recipes that: 1) maintain an optimal ecosystems for bats or 2) preserve a dark night sky.

General Information	
Lamp family code	LED120 [LED module 12000 lm]
Light source replaceable	Yes
Number of gear units	1 unit
Driver included	Yes
Remarks	At extreme ambient temperatures the luminaire might automatically dim down to protect components
Light source engine type	LED
Service tag	Yes

Light Technical	
Upward light output ratio	0
Luminous Flux	10,800 lm
Standard tilt angle posttop	0°
Standard tilt angle side entry	0°
Luminous Efficacy (rated) (Nom)	154 lm/W
Correlated Color Temperature (Nom)	5700 K
Color rendering index (CRI)	70
Light source color	757
Optical cover type	Flat glass
Luminaire light beam spread	157° - 33° x 55°
Optic type outdoor	Distribution medium 10

Operating and Electrical	
Input Voltage	220-240 V
Line Frequency	50 to 60 Hz
Inrush current	53 A
Inrush time	0.3 ms
Power Consumption	70 W
Power Factor (Fraction)	0.98
Connection	Screw connector

Number of products on MCB of 16 A type B	8

Temperature	
Ambient temperature range	-40 to +50 °C

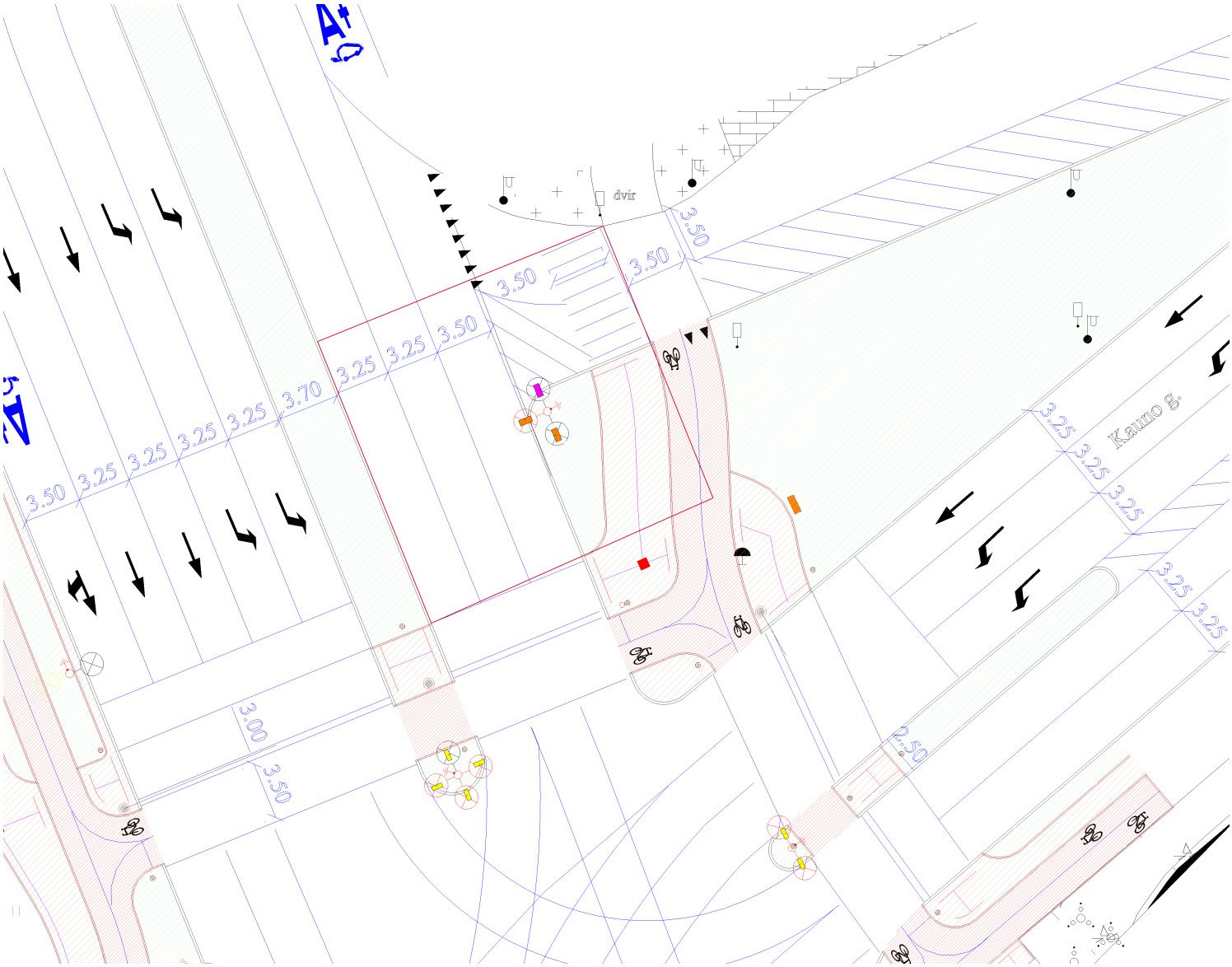
Product family code	BGP762 [DigiStreet Medium]
Lighting Technology	LED
Value ladder	Specification
Serviceability class	Class A, luminaire is equipped with serviceable parts (when applicable): LED board, driver, control units, surge protection device, optics, front cover and mechanical parts

Approval and Application	
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK09 [10 J]
Surge Protection (Common/Differential)	Luminaire surge protection level until 6 kV differential mode and 8 kV common mode
Sustainability rating	Lighting for circularity
Protection class IEC	Safety class I
Photobiological risk	Photobiological risk group 0 @200mm to EN62778
CE mark	Yes
Warranty period	5 years
ENEC mark	ENEC mark
EU RoHS compliant	Yes

Mechanical and Housing	
Housing Material	Aluminum die cast
Reflector material	Polycarbonate
Optic material	Acrylate
Optical cover material	Glass
Fixation material	Stainless steel
Housing Color	Dark gray
Mounting device	Spigot for diameter 62 mm
Optical cover shape	Flat
Optical cover finish	Clear
Overall length	860 mm
Overall width	361 mm
Overall height	107 mm
Effective projected area	0.068 m²
Dimensions (Height x Width x Depth)	107 x 361 x 860 mm

Object	:	Kauno g. ir Taikos pr. kampas
Installation	:	
Project number	:	
Date	:	19.06.2024

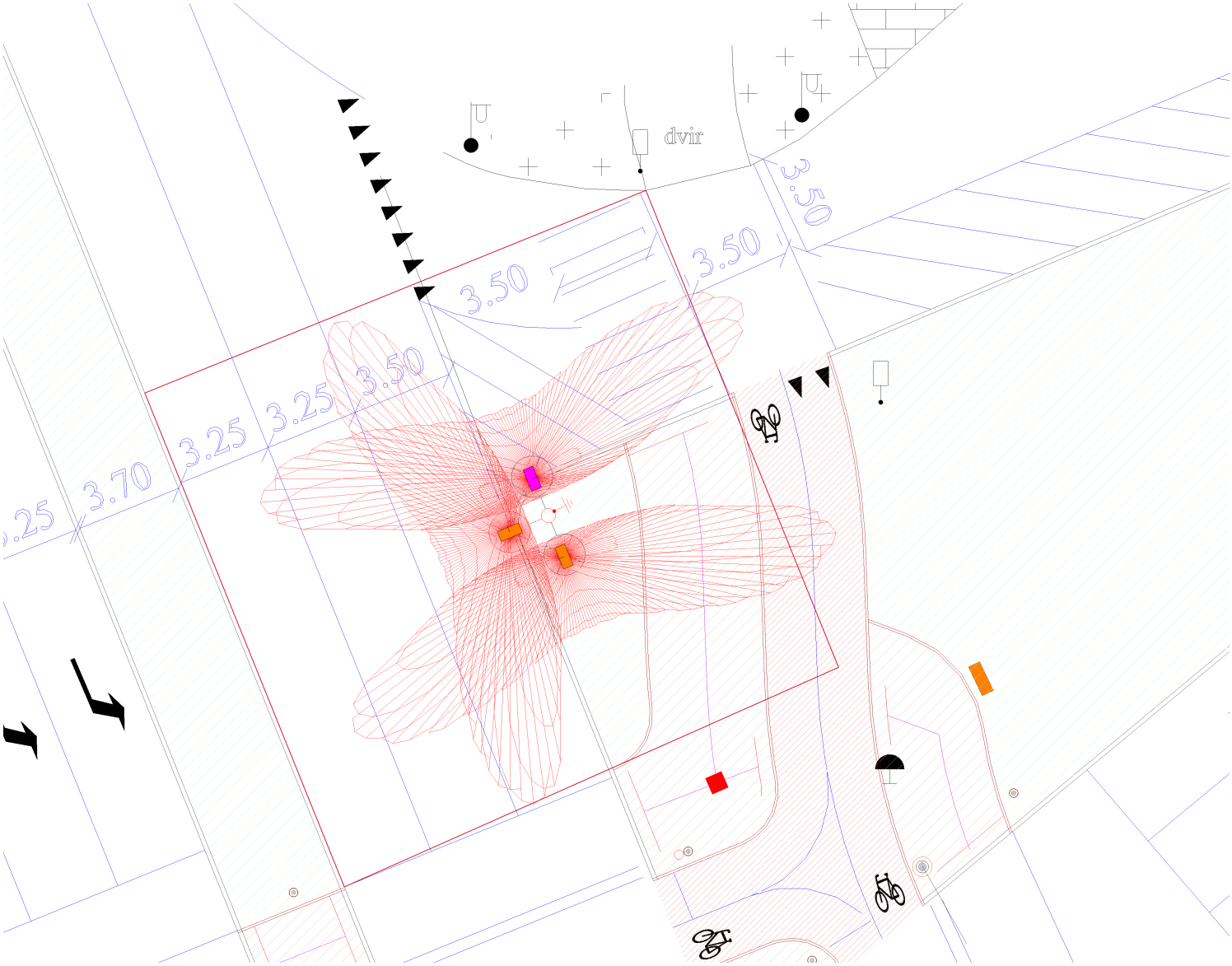
Kauno g. ir Taikos pr. kampas





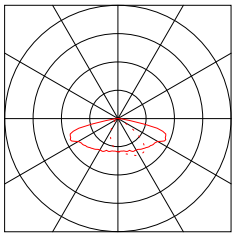
Object : Kauno g. ir Taikos pr. kampas
Installation :
Project number :
Date : 19.06.2024

Kauno g. ir Taikos pr. kampas



1

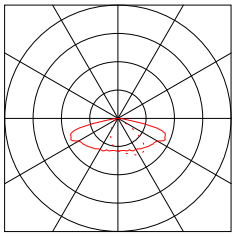
Order No. : 5700K BGP762 T25 1 xLED120-4S_757 DM12
Luminaire name : BGP762 T25 1 xLED120-4S/757 DM12
Equipment : 1 x LED120-4S/757 70 W / 12000 lm





2

Order No. : 3000K BGP762 T25 1 xLED120-4S_830 DM12
Luminaire name : BGP762 T25 1 xLED120-4S/830 DM12
Equipment : 1 x LED120-4S/830 91 W / 12000 lm



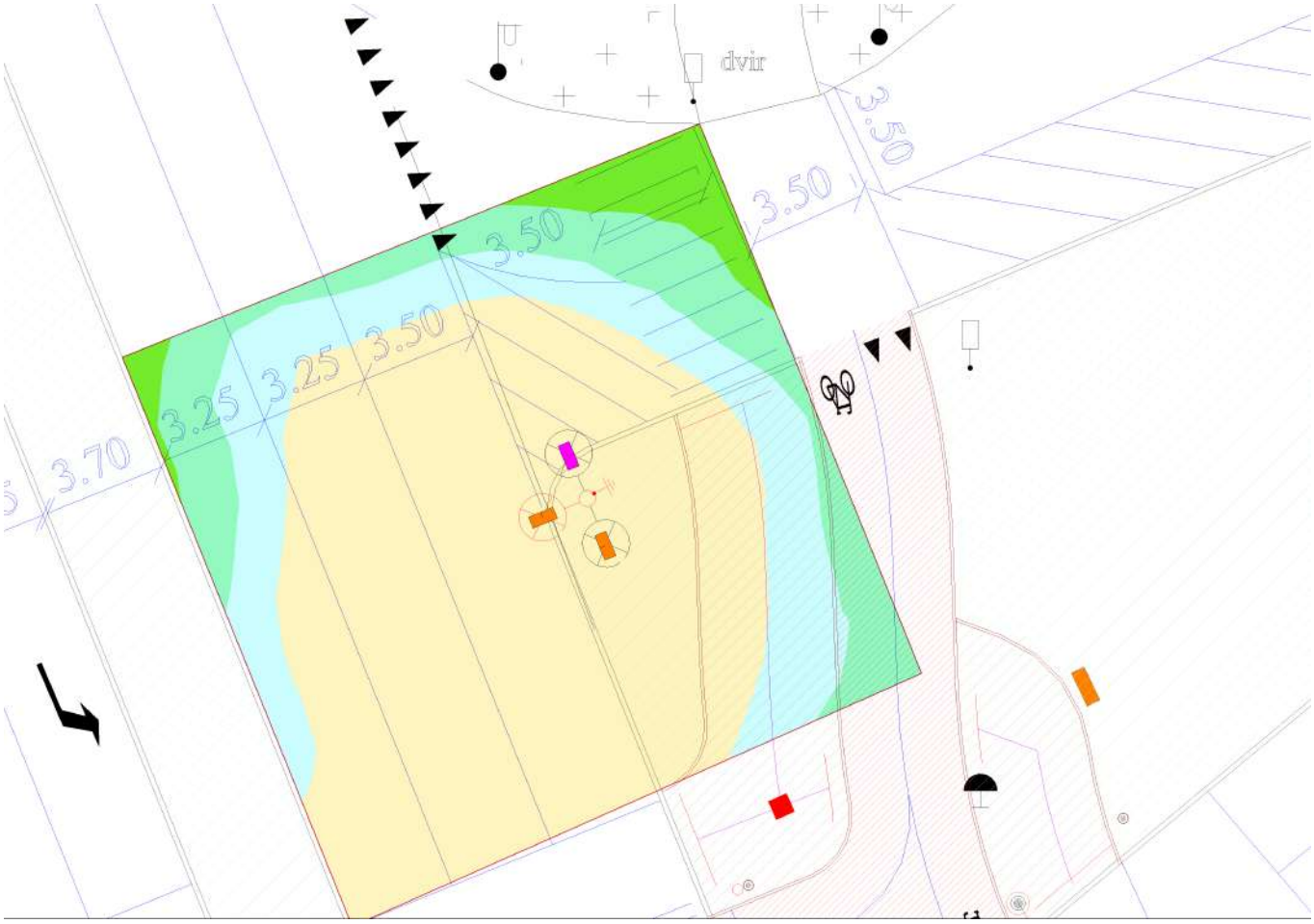


Object	:	Kauno g. ir Taikos pr. kampas
Installation	:	
Project number	:	
Date	:	19.06.2024

Kauno g. ir Taikos pr. kampas

Calculation results

Pseudo colours, Reference plane (E)





Illuminance [lx]

Height of the reference plane : 0.00 m

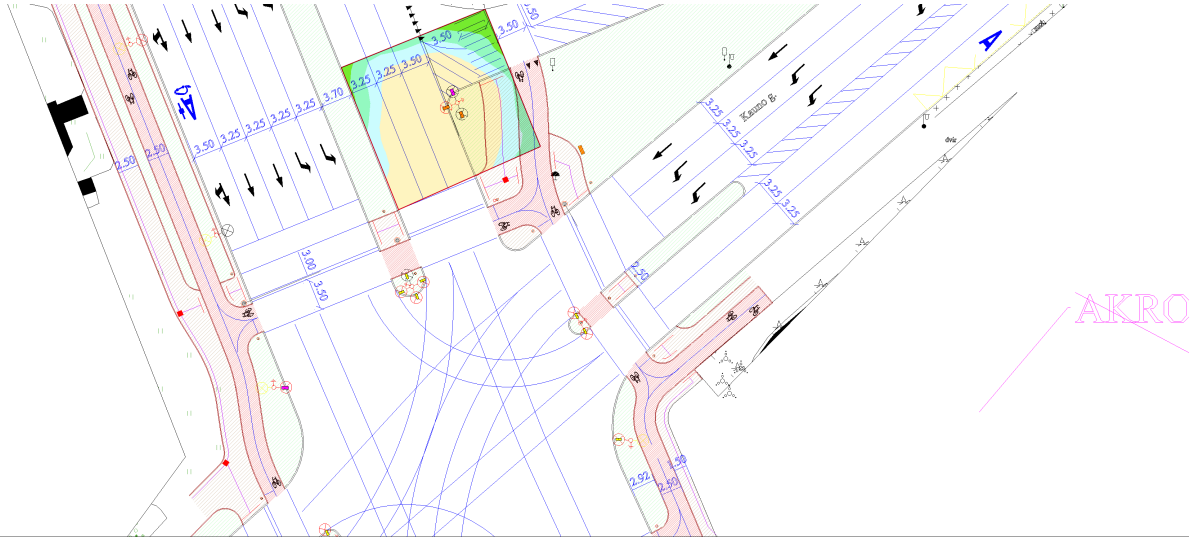
Average illuminance	Eav	: 54 lx
Minimum illuminance	Emin	: 18.6 lx
Maximum illuminance	Emax	: 93.2 lx
Uniformity Uo	Emin/Eav	: 1 : 2.91 (0.34)

Object	:	Kauno g. ir Taikos pr. kampas
Installation	:	
Project number	:	
Date	:	19.06.2024

Kauno g. ir Taikos pr. kampas

Summary

Result overview, Evaluation area





Illuminance [lx]

General

Calculation algorithm used	Average indirect fraction
Maintenance factor	0.80
Total luminous flux of all lamps	36000 lm
Total power	252.0 W
Total power per area (338.88 m²)	0.74 W/m² (1.38 W/m²/100lx)

Evaluation area	**Reference plane**
	Horizontal
Em	54 lx
Emin	18.6 lx
Emin/Eav (Uo)	0.34
Position	0.00 m

Object : Kauno g. ir Taikos pr. kampas
Installation :
Project number :
Date : 19.06.2024

Luminaire data

PHILIPS/2024-05-17 Eulumdat/1 B-Tilt = 0.00, BGP762 T25 1 xLED120-4... (5700K BGP762 T2...)

Data sheet

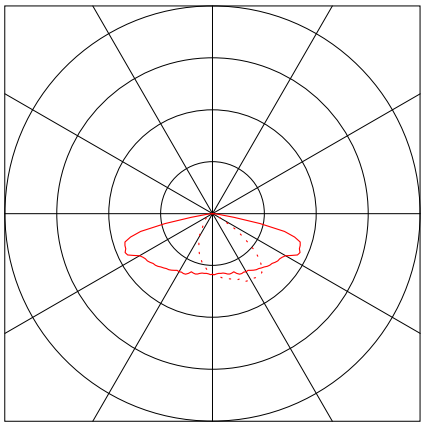
Manufacturer: PHILIPS/2024-05-17 Eulumdat/1 B-Tilt = 0.00

5700K BGP762 T25 1 xLED120-4S_757 DM12.ldt **BGP762 T25 1 xLED120-4S/757 DM12**

Luminaire data		
Luminaire efficiency	:	92%
Luminaire efficacy	:	157.71 lm/W
Classification	:	A30 ↓100.0% ↑0.0%
CIE Flux Codes	:	39 75 97 100 92
UGR 4H 8H	:	37.5 / 16.6
Power	:	70 W
Luminous flux	:	11040 lm

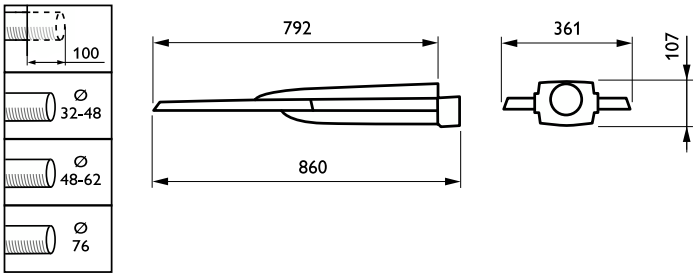
Equipped with		
Quantity	:	1
Designation	:	LED120-4S/757
Colour	:	5700
Luminous flux	:	12000 lm
Colour reproduction	:	70

Dimensions : 792 mm x 361 mm x 107 mm





Dimensional drawing



Object	:	Kauno g. ir Taikos pr. kampas
Installation	:	
Project number	:	
Date	:	19.06.2024

Luminaire data

PHILIPS/2024-05-16 Eulumdat/1 B-Tilt = 0.00, BGP762 T25 1 xLED120-4... (BGP762 T25 1 xL...)

Data sheet

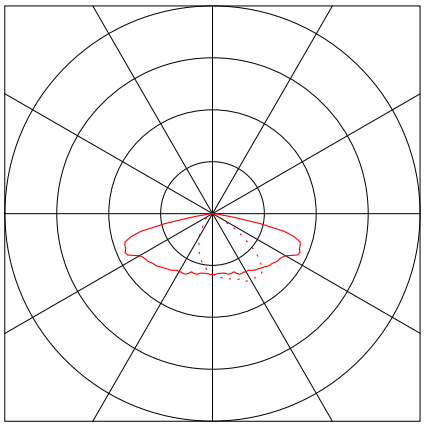
Manufacturer: PHILIPS/2024-05-16 Eulumdat/1 B-Tilt = 0.00

3000K BGP762 T25 1 xLED120-4S_830 DM12 BGP762 T25 1 xLED120-4S/830 DM12

Luminaire data		
Luminaire efficiency	:	91%
Luminaire efficacy	:	120 lm/W
Classification	:	A30 ↓100.0% ↑0.0%
CIE Flux Codes	:	39 75 97 100 91
UGR 4H 8H	:	37.5 / 16.6
Power	:	91 W
Luminous flux	:	10920 lm

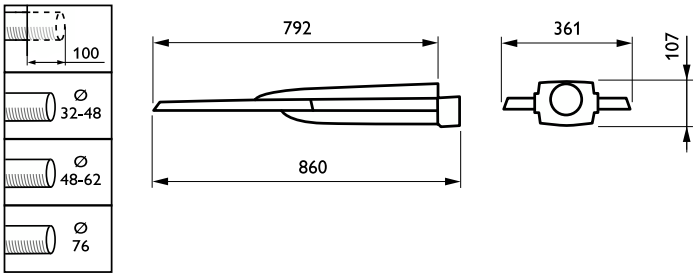
Equipped with		
Quantity	:	1
Designation	:	LED120-4S/830
Colour	:	3000
Luminous flux	:	12000 lm
Colour reproduction	:	80

Dimensions : 792 mm x 361 mm x 107 mm





Dimensional drawing



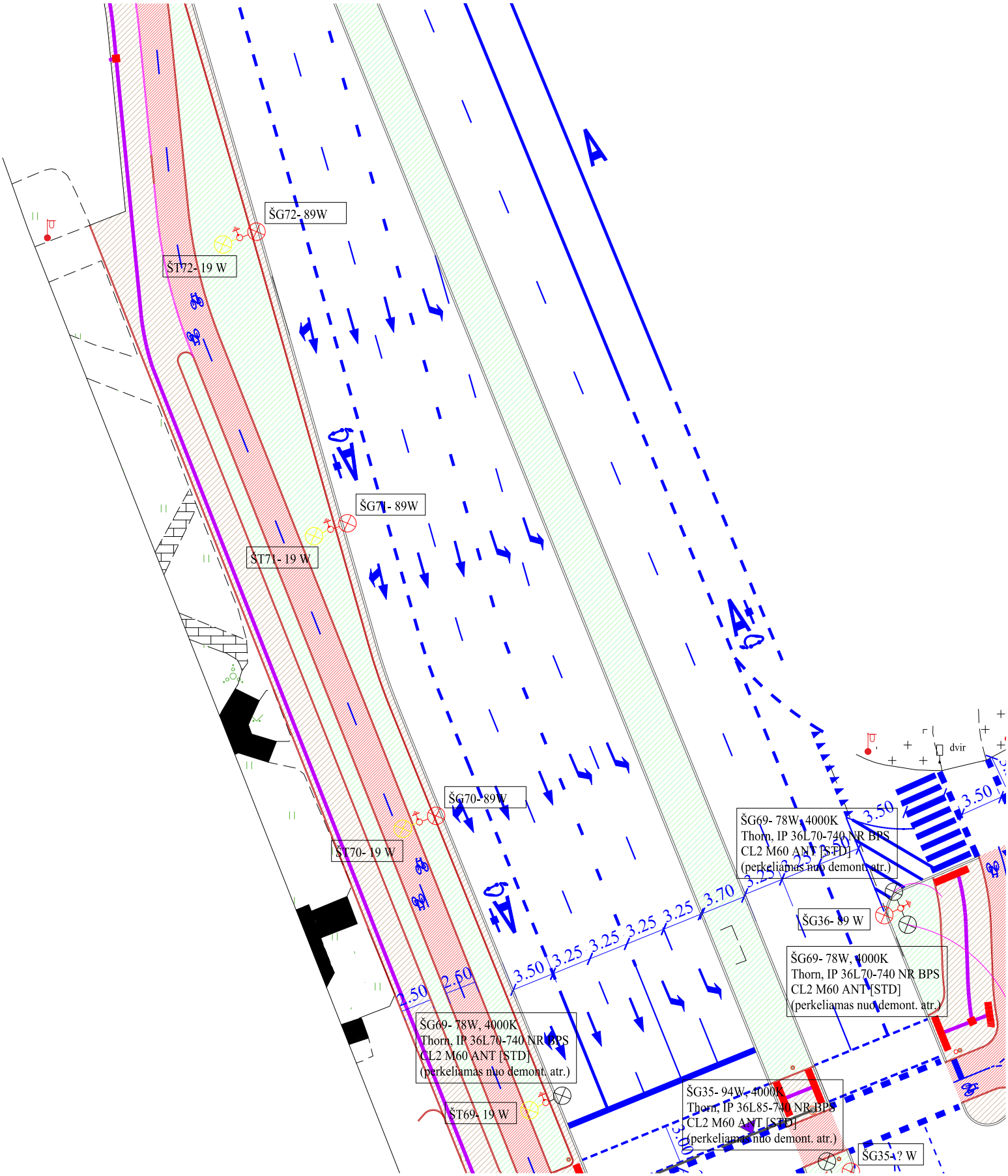
Date 2024-05-21

Taikos pr. praplatėjimas ties Kauno g.



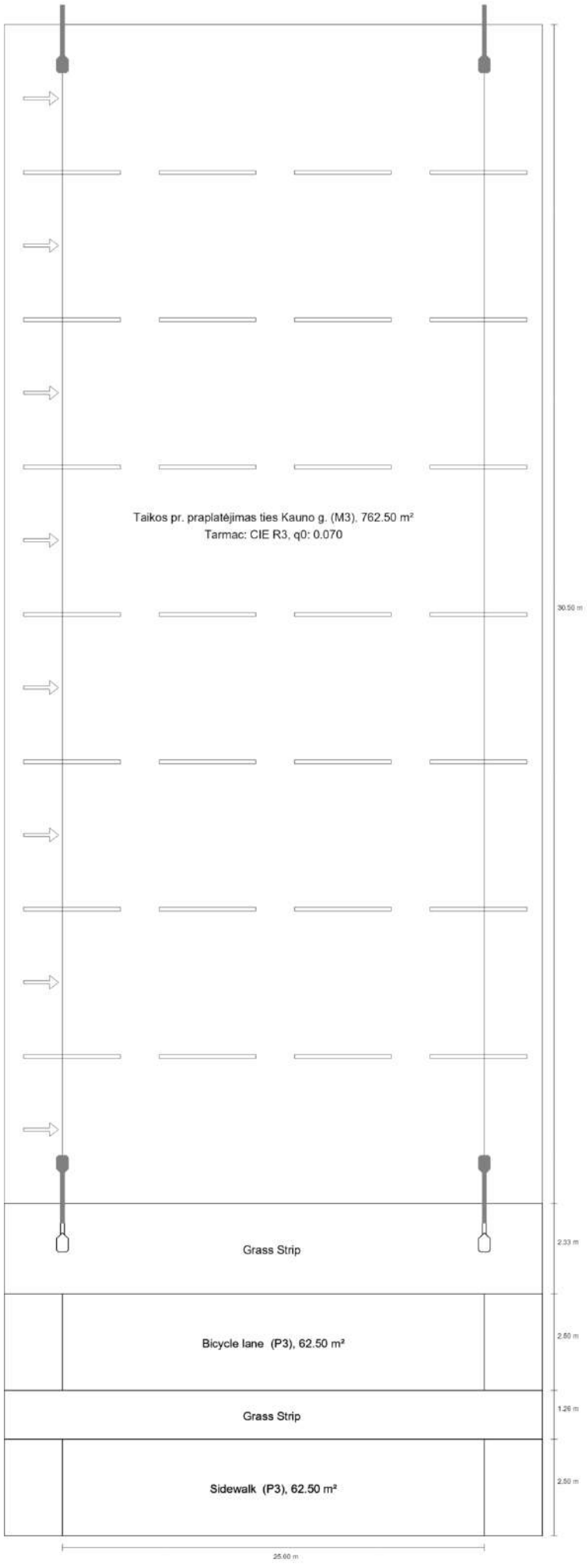


Created with DIALux


ŠG72- 89W
ŠT72- 19 W
ŠG71- 89W
ŠT71- 19 W
ŠG70- 89W
ŠT70- 19 W
ŠG69- 78W, 4000K
Thorn, IP 36L70-740 NR BPS
CL2 M60 ANT [STD]
(perkeliamas nuo demont. atr.)
ŠT69- 19 W
ŠG69- 78W, 4000K
Thorn, IP 36L70-740 NR BPS
CL2 M60 ANT [STD]
(perkeliamas nuo demont. atr.)
ŠG36- 89 W
ŠG69- 78W, 4000K
Thorn, IP 36L70-740 NR BPS
CL2 M60 ANT [STD]
(perkeliamas nuo demont. atr.)
ŠG35- 94W, 4000K
Thorn, IP 36L85-740 NR BPS
CL2 M60 ANT [STD]
(perkeliamas nuo demont. atr.)
ŠG35-? W
dvir
3.50
3.25
3.70
2.50
2.60

Summary (according to EN 13201:2015)

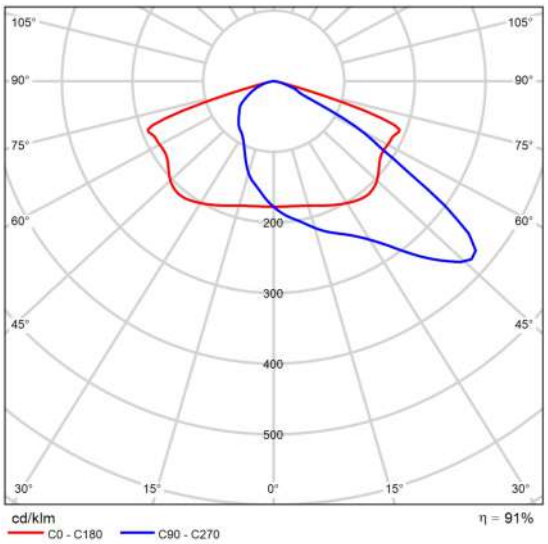
DIALux



Product data sheet

Philips - BGP760 T25 1 xLED22-4S/830 DM31

P	18.6 W
Φ_{Lamp}	2200 lm
$\Phi_{Luminaire}$	2010 lm
η	91.38 %
Luminous efficacy	108.1 lm/W
CCT	3000 K
CRI	80



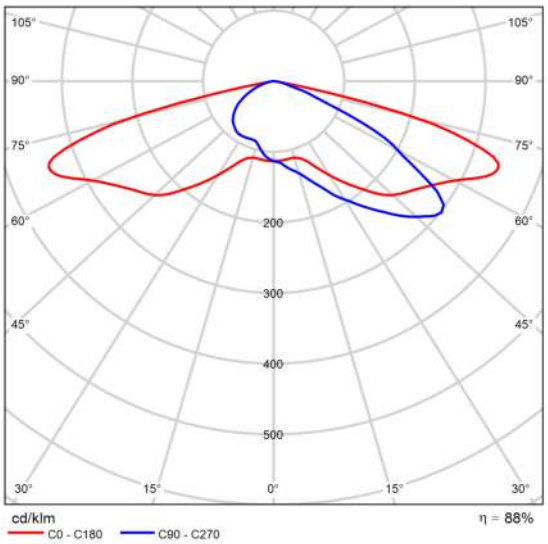
Polar LDC



Product data sheet

Philips - BGP762 T25 1 xLED120-4S/830 DW52

P	91.0 W
Φ_{Lamp}	12000 lm
$\Phi_{Luminaire}$	10587 lm
η	88.22 %
Luminous efficacy	116.3 lm/W
CCT	3000 K
CRI	80

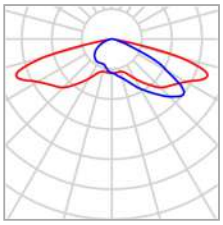


Polar LDC



Taikos pr. praplatėjimas ties Kauno g.

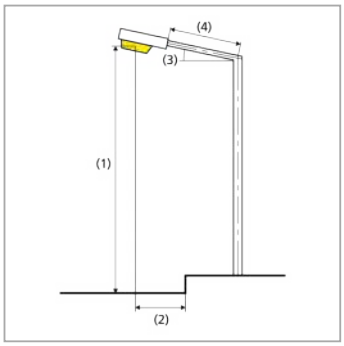
Summary (according to EN 13201:2015)





Manufacturer	Philips	P	91.0 W
Article name	BGP762 T25 1 xLED120-4S/830 DW52	Φ_{Lamp}	12000 lm
		$\Phi_{Luminaire}$	10587 lm
Fitting	1x LED120-4S/830	η	88.22 %

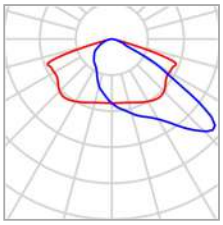
BGP762 T25 1 xLED120-4S/830 DW52 (both sides opposite)



Pole distance	25.000 m
(1) Light spot height	8.500 m
(2) Light point overhang	1.000 m
(3) Boom inclination	0.0°
(4) Boom length	1.500 m
Annual operating hours	4000 h: 100.0 %, 91.0 W
Wattage / route	7280.0 W/km
ULR / ULOR	0.00 / 0.00
Max. luminous intensities Any direction forming the specified angle from the downward vertical, with the luminaire installed for use.	≥ 70°: 789 cd/klm ≥ 80°: 62.0 cd/klm ≥ 90°: 0.00 cd/klm
Luminous intensity class The luminous intensity values in [cd/klm] for calculation of the luminous intensity class refer to the luminaire luminous flux according to EN 13201:2015.	G*3
Glare index class	D.5
MF	0.80

Taikos pr. praplatėjimas ties Kauno g.

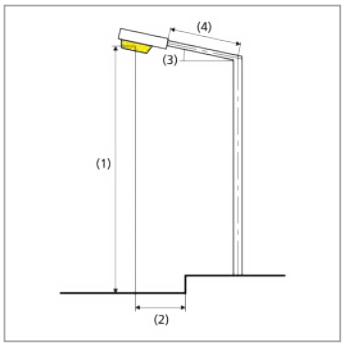
Summary (according to EN 13201:2015)





Manufacturer	Philips	P	18.6 W
Article name	BGP760 T25 1 xLED22-4S/830 DM31	Φ_{Lamp}	2200 lm
		$\Phi_{Luminaire}$	2010 lm
Fitting	1x LED22-4S/830	η	91.38 %

BGP760 T25 1 xLED22-4S/830 DM31 (single side bottom)



Pole distance	25.000 m
(1) Light spot height	6.000 m
(2) Light point overhang	0.000 m
(3) Boom inclination	0.0°
(4) Boom length	0.500 m
Annual operating hours	4000 h: 100.0 %, 18.6 W
Wattage / route	744.0 W/km
ULR / ULOR	0.00 / 0.00
Max. luminous intensities Any direction forming the specified angle from the downward vertical, with the luminaire installed for use.	≥ 70°: 288 cd/klm ≥ 80°: 14.7 cd/klm ≥ 90°: 0.00 cd/klm
Luminous intensity class The luminous intensity values in [cd/klm] for calculation of the luminous intensity class refer to the luminaire luminous flux according to EN 13201:2015.	G*6
Glare index class	D.6
MF	0.80

DIALux

Taikos pr. praplatėjimas ties Kauno g.

Summary (according to EN 13201:2015)

Results for valuation fields

A maintenance factor of 0.80 was used for calculating for the installation.

	Symbol	Calculated	Target	Check
Taikos pr. praplatėjimas ties Kauno g. (M3)	L_{av}	1.24 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.51	≥ 0.40	✓
	U_l	0.75	≥ 0.60	✓
	TI	11 %	≤ 15 %	✓
	R_{EI}	0.57	≥ 0.30	✓
Bicycle lane (P3)	E_{av}	13.12 lx	[7.50 - 11.25] lx	✓
	E_{min}	6.59 lx	≥ 1.50 lx	✓
Sidewalk (P3)	E_{av}	8.42 lx	[7.50 - 11.25] lx	✓
	E_{min}	5.44 lx	≥ 1.50 lx	✓

Results for energy efficiency indicators

	Symbol	Calculated	Energy Consumption
Taikos pr. praplatėjimas ties Kauno g.	D_p	0.001 W/lx*m²	
BGP762 T25 1 xLED120-4S/830 DW52 (both sides opposite)	D_e	0.8 kWh/m² yr	728.0 kWh/yr
BGP760 T25 1 xLED22-4S/830 DM31 (single side bottom)	D_e	0.1 kWh/m² yr	74.4 kWh/yr

Taikos pr. praplatėjimas ties Kauno g.

Taikos pr. praplatėjimas ties Kauno g. (M3)

Results for valuation field

	Symbol	Calculated	Target	Check
Taikos pr. praplatėjimas ties Kauno g. (M3)	L_{av}	1.24 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.51	≥ 0.40	✓
	U_l	0.75	≥ 0.60	✓
	TI	11 %	≤ 15 %	✓
	R_{EI}	0.57	≥ 0.30	✓

Results for observer

	Symbol	Calculated	Target	Check
Observer 1 Position: -60.000 m, 10.496 m, 1.500 m	L_{av}	1.24 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.51	≥ 0.40	✓
	U_l	0.82	≥ 0.60	✓
	TI	11 %	≤ 15 %	✓
Observer 2 Position: -60.000 m, 14.309 m, 1.500 m	L_{av}	1.25 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.52	≥ 0.40	✓
	U_l	0.76	≥ 0.60	✓
	TI	10 %	≤ 15 %	✓
Observer 3 Position: -60.000 m, 18.121 m, 1.500 m	L_{av}	1.26 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.54	≥ 0.40	✓
	U_l	0.76	≥ 0.60	✓
	TI	7 %	≤ 15 %	✓

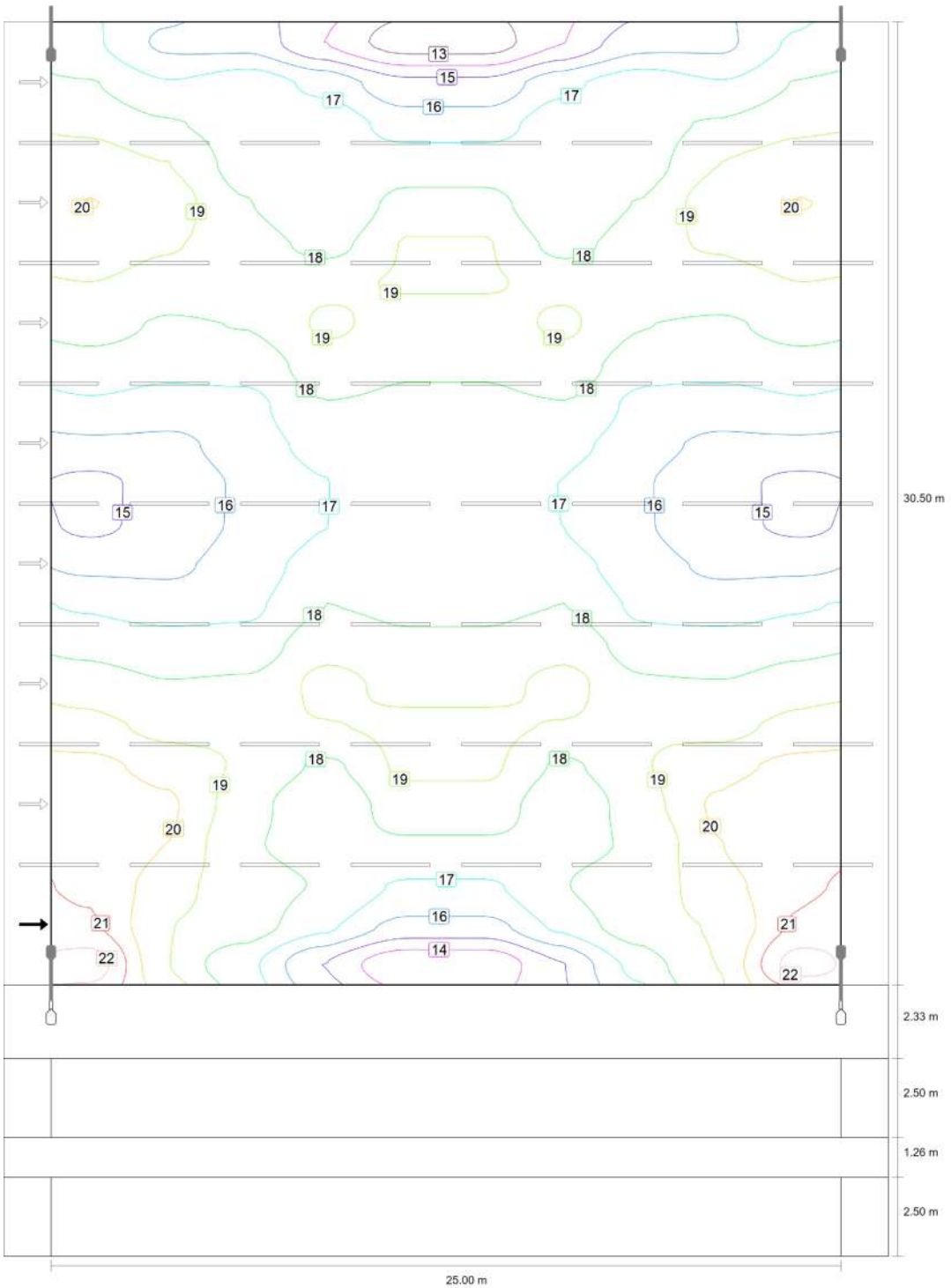
Taikos pr. praplatėjimas ties Kauno g.

Taikos pr. praplatėjimas ties Kauno g. (M3)

	Symbol	Calculated	Target	Check
Observer 4 Position: -60.000 m, 21.934 m, 1.500 m	L_{av}	1.26 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.58	≥ 0.40	✓
	U_l	0.86	≥ 0.60	✓
	TI	4 %	≤ 15 %	✓
Observer 5 Position: -60.000 m, 25.746 m, 1.500 m	L_{av}	1.26 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.60	≥ 0.40	✓
	U_l	0.86	≥ 0.60	✓
	TI	4 %	≤ 15 %	✓
Observer 6 Position: -60.000 m, 29.559 m, 1.500 m	L_{av}	1.26 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.60	≥ 0.40	✓
	U_l	0.75	≥ 0.60	✓
	TI	7 %	≤ 15 %	✓
Observer 7 Position: -60.000 m, 33.371 m, 1.500 m	L_{av}	1.25 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.60	≥ 0.40	✓
	U_l	0.75	≥ 0.60	✓
	TI	10 %	≤ 15 %	✓
Observer 8 Position: -60.000 m, 37.184 m, 1.500 m	L_{av}	1.24 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.60	≥ 0.40	✓
	U_l	0.79	≥ 0.60	✓
	TI	10 %	≤ 15 %	✓

Taikos pr. praplatėjimas ties Kauno g.

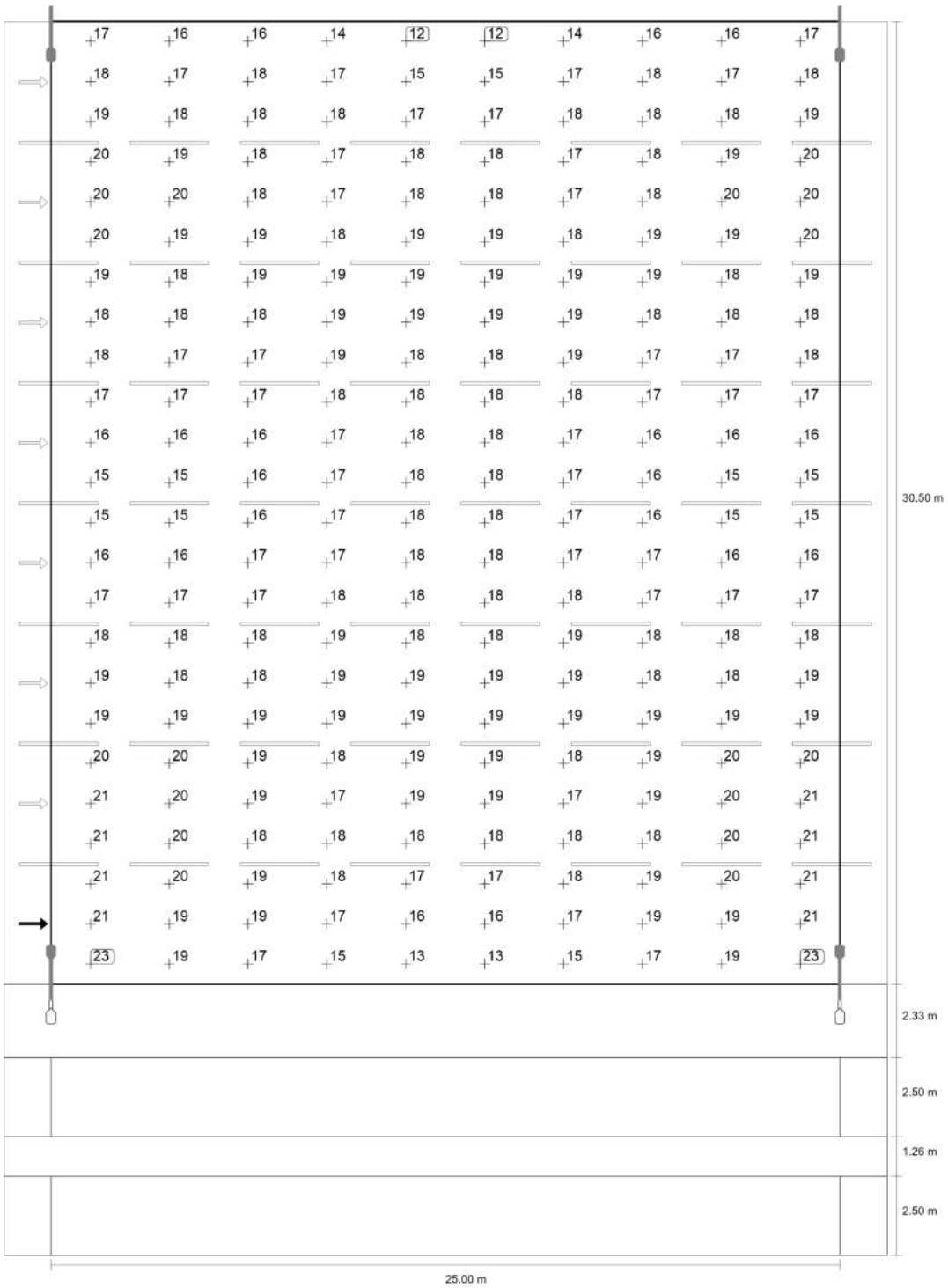
Taikos pr. praplatėjimas ties Kauno g. (M3)



Maintenance value, horizontal illuminance [lx] (Iso-illuminance curves)

Taikos pr. praplatėjimas ties Kauno g.

Taikos pr. praplatėjimas ties Kauno g. (M3)



Maintenance value, horizontal illuminance [lx] (Value grid)

Taikos pr. praplatėjimas ties Kauno g.

Taikos pr. praplatėjimas ties Kauno g. (M3)

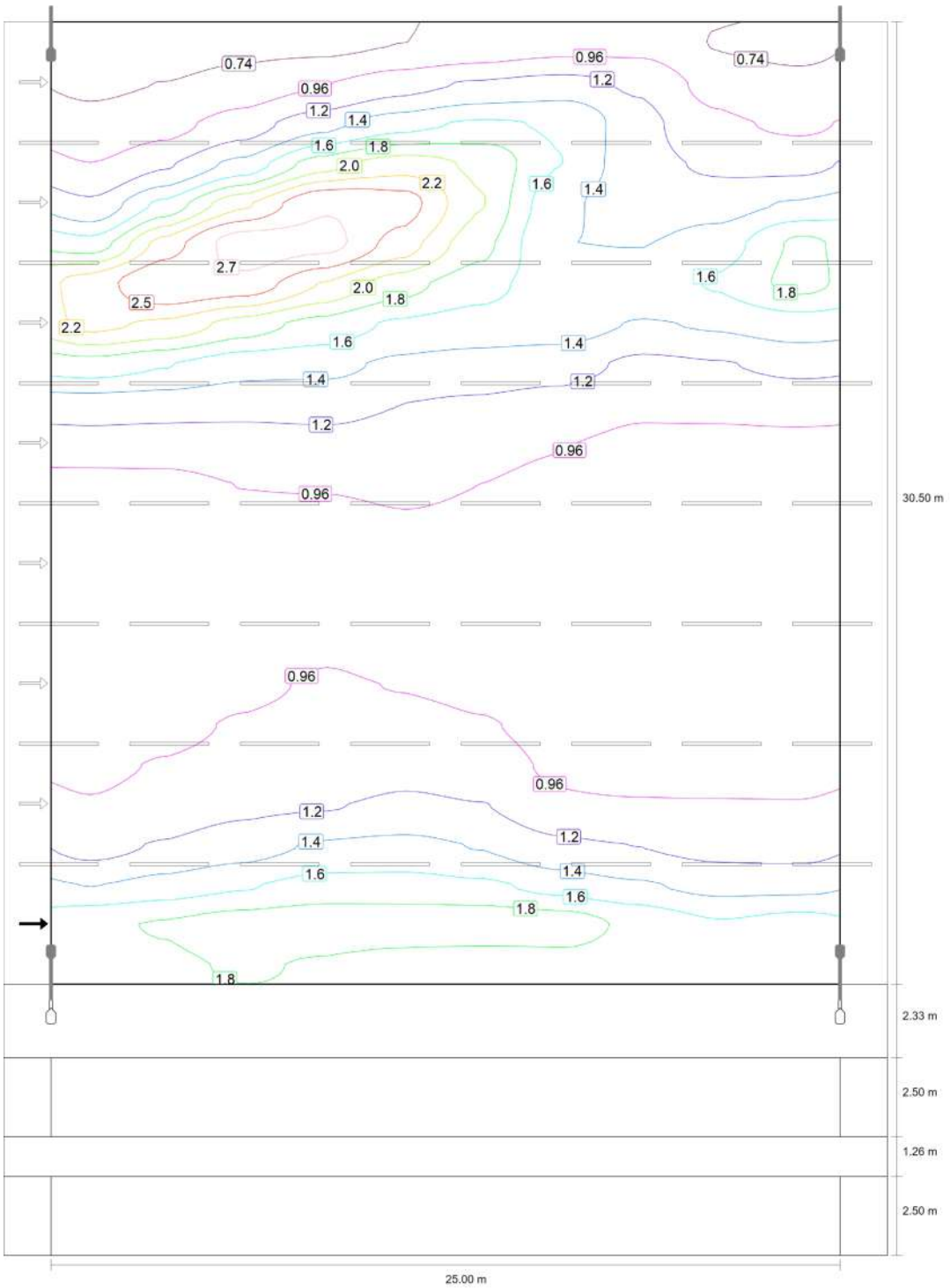
m	1.250	3.750	6.250	8.750	11.250	13.750	16.250	18.750	21.250	23.750
38.455	17.26	15.80	15.64	13.89	12.35	12.35	13.89	15.64	15.80	17.26
37.184	18.15	17.12	17.57	16.73	15.24	15.24	16.73	17.57	17.12	18.15
35.913	18.93	18.20	17.76	17.62	16.62	16.62	17.62	17.76	18.20	18.93
34.642	19.68	19.13	17.64	17.46	17.65	17.65	17.46	17.64	19.13	19.68
33.371	20.19	19.66	18.16	17.08	18.45	18.45	17.08	18.16	19.66	20.19
32.100	19.87	19.26	18.71	17.71	19.18	19.18	17.71	18.71	19.26	19.87
30.830	19.11	18.48	18.63	18.91	19.19	19.19	18.91	18.63	18.48	19.11
29.559	18.47	17.96	18.13	19.27	18.74	18.74	19.27	18.13	17.96	18.47
28.288	17.67	17.39	17.42	18.73	18.25	18.25	18.73	17.42	17.39	17.67
27.017	16.85	16.52	16.75	18.03	17.84	17.84	18.03	16.75	16.52	16.85
25.746	15.74	15.76	16.47	17.39	17.60	17.60	17.39	16.47	15.76	15.74
24.475	14.73	15.35	16.12	17.02	17.72	17.72	17.02	16.12	15.35	14.73
23.205	14.74	15.36	16.13	17.03	17.72	17.72	17.03	16.13	15.36	14.74
21.934	15.79	15.80	16.51	17.42	17.62	17.62	17.42	16.51	15.80	15.79
20.663	16.94	16.60	16.82	18.09	17.89	17.89	18.09	16.82	16.60	16.94
19.392	17.82	17.52	17.52	18.81	18.32	18.32	18.81	17.52	17.52	17.82
18.121	18.71	18.17	18.29	19.40	18.84	18.84	19.40	18.29	18.17	18.71
16.850	19.49	18.80	18.87	19.07	19.30	19.30	19.07	18.87	18.80	19.49
15.580	20.47	19.73	19.03	17.92	19.33	19.33	17.92	19.03	19.73	20.47
14.309	21.12	20.34	18.59	17.34	18.63	18.63	17.34	18.59	20.34	21.12
13.038	21.15	20.15	18.23	17.79	17.87	17.87	17.79	18.23	20.15	21.15
11.767	21.09	19.65	18.53	18.03	16.89	16.89	18.03	18.53	19.65	21.09
10.496	21.40	19.19	18.64	17.32	15.65	15.65	17.32	18.64	19.19	21.40
9.225	22.78	19.16	17.39	14.91	13.11	13.11	14.92	17.39	19.16	22.78

Maintenance value, horizontal illuminance [lx] (Value chart)

	E_{av}	E_{min}	E_{max}	U_o (g_1)	g_2
Maintenance value, horizontal illuminance	17.9 lx	12.3 lx	22.8 lx	0.69	0.54

Taikos pr. praplatėjimas ties Kauno g.

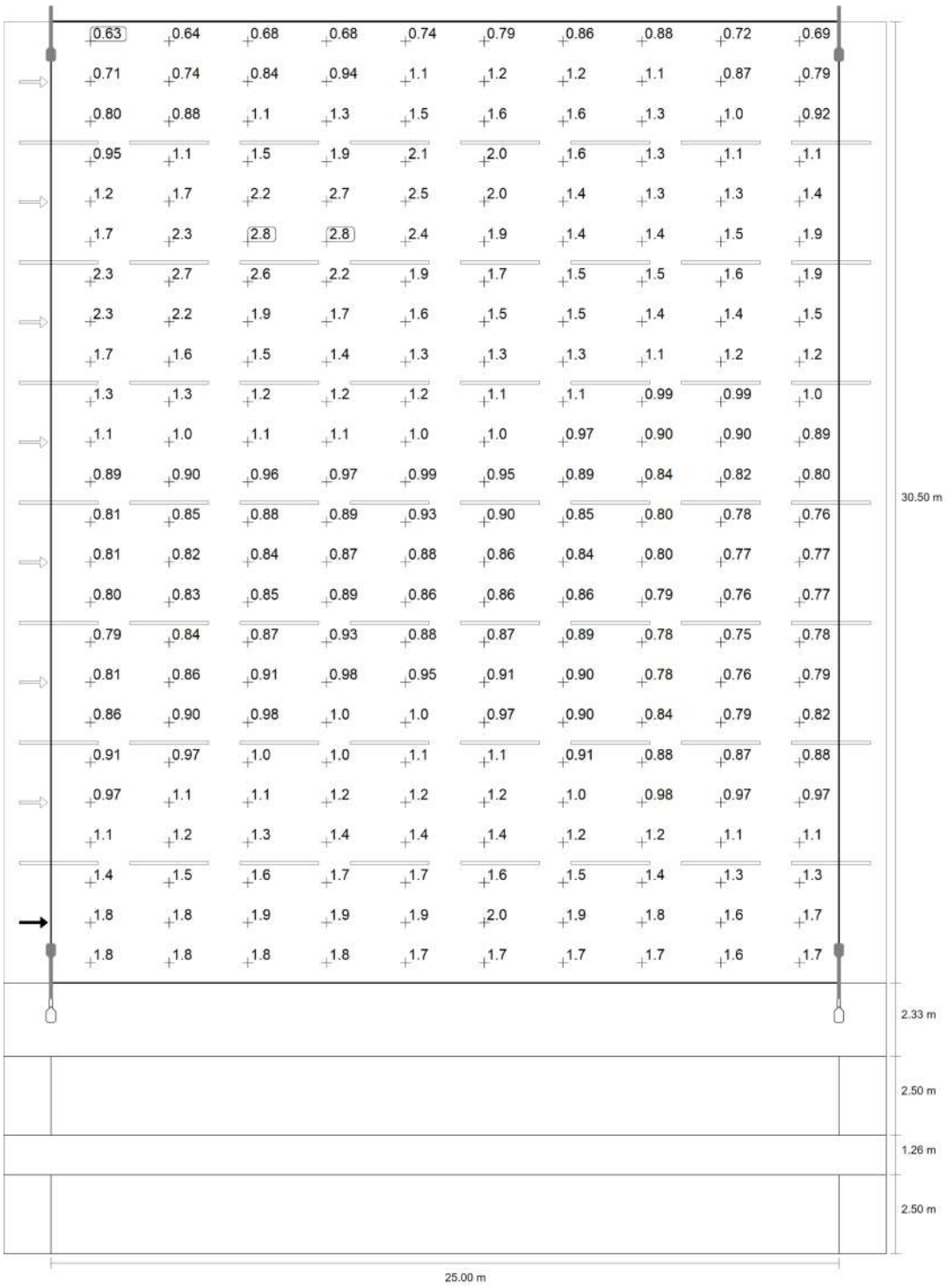
Taikos pr. praplatėjimas ties Kauno g. (M3)



Observer 1: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas ties Kauno g.

Taikos pr. praplatėjimas ties Kauno g. (M3)



Observer 1: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

Taikos pr. praplatėjimas ties Kauno g.

Taikos pr. praplatėjimas ties Kauno g. (M3)

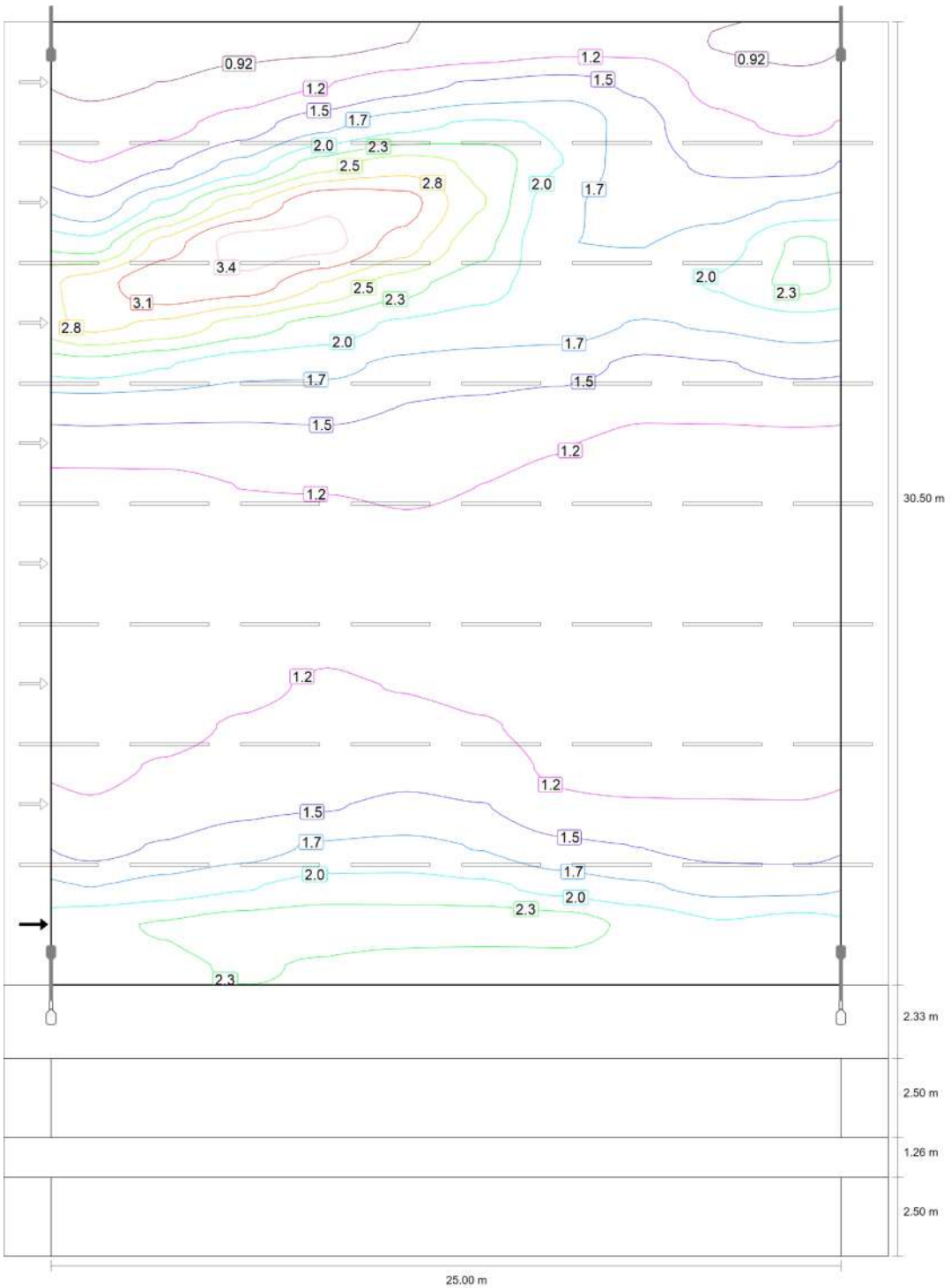
m	1.250	3.750	6.250	8.750	11.250	13.750	16.250	18.750	21.250	23.750
38.455	0.63	0.64	0.68	0.68	0.74	0.79	0.86	0.88	0.72	0.69
37.184	0.71	0.74	0.84	0.94	1.09	1.19	1.25	1.13	0.87	0.79
35.913	0.80	0.88	1.06	1.32	1.52	1.63	1.57	1.25	1.01	0.92
34.642	0.95	1.14	1.46	1.93	2.14	1.98	1.60	1.27	1.13	1.12
33.371	1.22	1.66	2.21	2.65	2.55	2.04	1.44	1.31	1.31	1.41
32.100	1.69	2.35	2.79	2.75	2.36	1.89	1.39	1.38	1.49	1.85
30.830	2.33	2.66	2.60	2.24	1.91	1.68	1.49	1.49	1.63	1.88
29.559	2.31	2.20	1.94	1.74	1.57	1.50	1.48	1.37	1.41	1.49
28.288	1.73	1.62	1.47	1.45	1.34	1.30	1.27	1.12	1.16	1.23
27.017	1.28	1.26	1.23	1.24	1.17	1.14	1.08	0.99	0.99	1.03
25.746	1.06	1.04	1.07	1.09	1.05	1.03	0.97	0.90	0.90	0.89
24.475	0.89	0.90	0.96	0.97	0.99	0.95	0.89	0.84	0.82	0.80
23.205	0.81	0.85	0.88	0.89	0.93	0.90	0.85	0.80	0.78	0.76
21.934	0.81	0.82	0.84	0.87	0.88	0.86	0.84	0.80	0.77	0.77
20.663	0.80	0.83	0.85	0.89	0.86	0.86	0.86	0.79	0.76	0.77
19.392	0.79	0.84	0.87	0.93	0.88	0.87	0.89	0.78	0.75	0.78
18.121	0.81	0.86	0.91	0.98	0.95	0.91	0.90	0.78	0.76	0.79
16.850	0.86	0.90	0.98	1.01	1.02	0.97	0.90	0.84	0.79	0.82
15.580	0.91	0.97	1.03	1.04	1.10	1.05	0.91	0.88	0.87	0.88
14.309	0.97	1.06	1.13	1.15	1.22	1.18	1.00	0.98	0.97	0.97
13.038	1.10	1.19	1.29	1.41	1.45	1.37	1.22	1.17	1.11	1.09
11.767	1.38	1.48	1.58	1.69	1.69	1.64	1.52	1.41	1.32	1.32
10.496	1.77	1.83	1.91	1.95	1.95	1.96	1.92	1.76	1.61	1.68
9.225	1.75	1.79	1.83	1.80	1.75	1.72	1.75	1.71	1.61	1.69

Observer 1: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 1: Maintenance value, luminance with dry roadway	1.24 cd/m²	0.63 cd/m²	2.79 cd/m²	0.51	0.23

Taikos pr. praplatėjimas ties Kauno g.

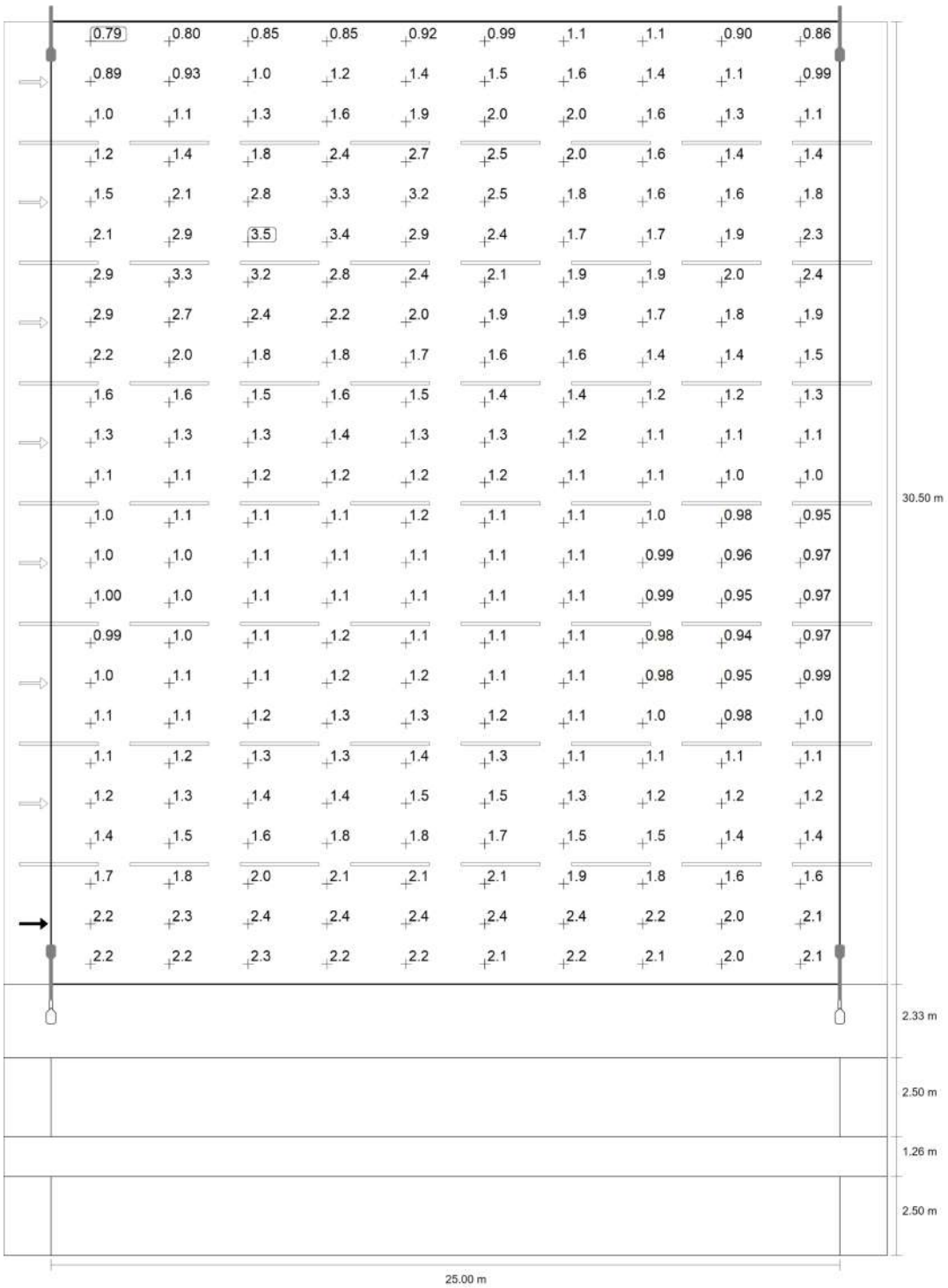
Taikos pr. praplatėjimas ties Kauno g. (M3)



Observer 1: Luminance with new installation [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas ties Kauno g.

Taikos pr. praplatėjimas ties Kauno g. (M3)



Observer 1: Luminance with new installation [cd/m²] (Value grid)

Taikos pr. praplatėjimas ties Kauno g.

Taikos pr. praplatėjimas ties Kauno g. (M3)

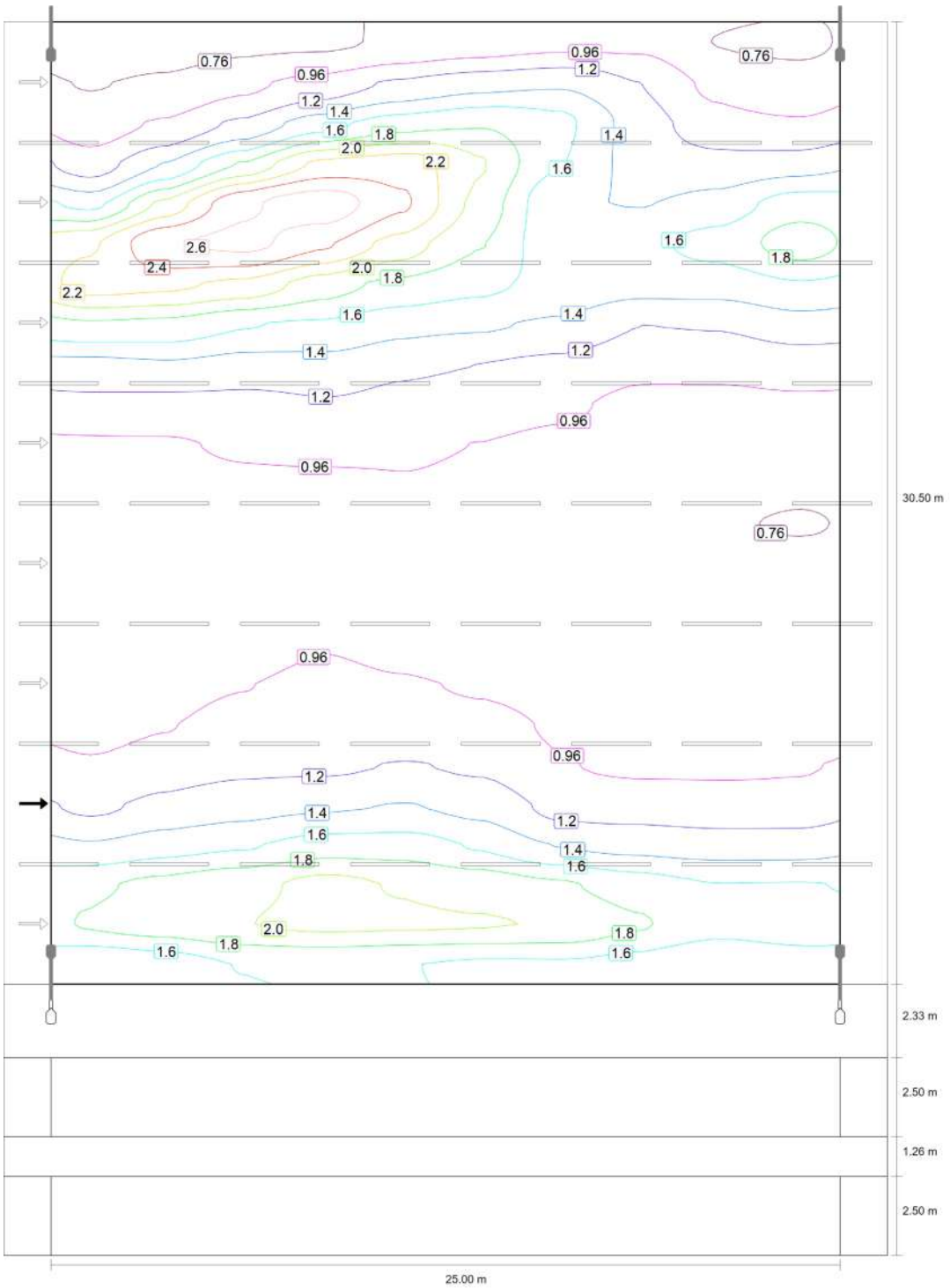
m	1.250	3.750	6.250	8.750	11.250	13.750	16.250	18.750	21.250	23.750
38.455	0.79	0.80	0.85	0.85	0.92	0.99	1.08	1.10	0.90	0.86
37.184	0.89	0.93	1.04	1.18	1.36	1.49	1.56	1.41	1.08	0.99
35.913	1.00	1.11	1.33	1.64	1.90	2.04	1.96	1.57	1.26	1.15
34.642	1.19	1.43	1.82	2.42	2.68	2.48	2.00	1.59	1.41	1.40
33.371	1.52	2.08	2.76	3.32	3.18	2.55	1.80	1.63	1.63	1.76
32.100	2.12	2.94	3.49	3.44	2.95	2.36	1.74	1.73	1.87	2.32
30.830	2.91	3.33	3.25	2.80	2.39	2.10	1.87	1.87	2.03	2.35
29.559	2.89	2.75	2.42	2.18	1.96	1.87	1.85	1.71	1.77	1.86
28.288	2.16	2.02	1.84	1.81	1.67	1.62	1.58	1.40	1.45	1.54
27.017	1.60	1.58	1.54	1.55	1.46	1.42	1.35	1.24	1.24	1.28
25.746	1.32	1.31	1.34	1.36	1.31	1.28	1.21	1.13	1.13	1.12
24.475	1.11	1.13	1.20	1.21	1.23	1.19	1.11	1.05	1.02	1.00
23.205	1.01	1.06	1.10	1.11	1.17	1.13	1.06	1.01	0.98	0.95
21.934	1.01	1.03	1.05	1.09	1.11	1.08	1.05	0.99	0.96	0.97
20.663	1.00	1.03	1.07	1.12	1.08	1.08	1.08	0.99	0.95	0.97
19.392	0.99	1.05	1.09	1.16	1.10	1.09	1.11	0.98	0.94	0.97
18.121	1.01	1.08	1.14	1.22	1.18	1.14	1.12	0.98	0.95	0.99
16.850	1.07	1.13	1.22	1.27	1.28	1.21	1.12	1.04	0.98	1.03
15.580	1.14	1.21	1.29	1.30	1.38	1.32	1.14	1.09	1.08	1.10
14.309	1.22	1.33	1.42	1.44	1.53	1.47	1.25	1.22	1.21	1.21
13.038	1.37	1.49	1.62	1.76	1.81	1.71	1.53	1.46	1.38	1.36
11.767	1.72	1.84	1.97	2.11	2.11	2.05	1.90	1.77	1.64	1.65
10.496	2.21	2.29	2.39	2.44	2.43	2.45	2.40	2.20	2.02	2.10
9.225	2.19	2.24	2.29	2.25	2.18	2.15	2.19	2.13	2.01	2.11

Observer 1: Luminance with new installation [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 1: Luminance with new installation	1.55 cd/m²	0.79 cd/m²	3.49 cd/m²	0.51	0.23

Taikos pr. praplatėjimas ties Kauno g.

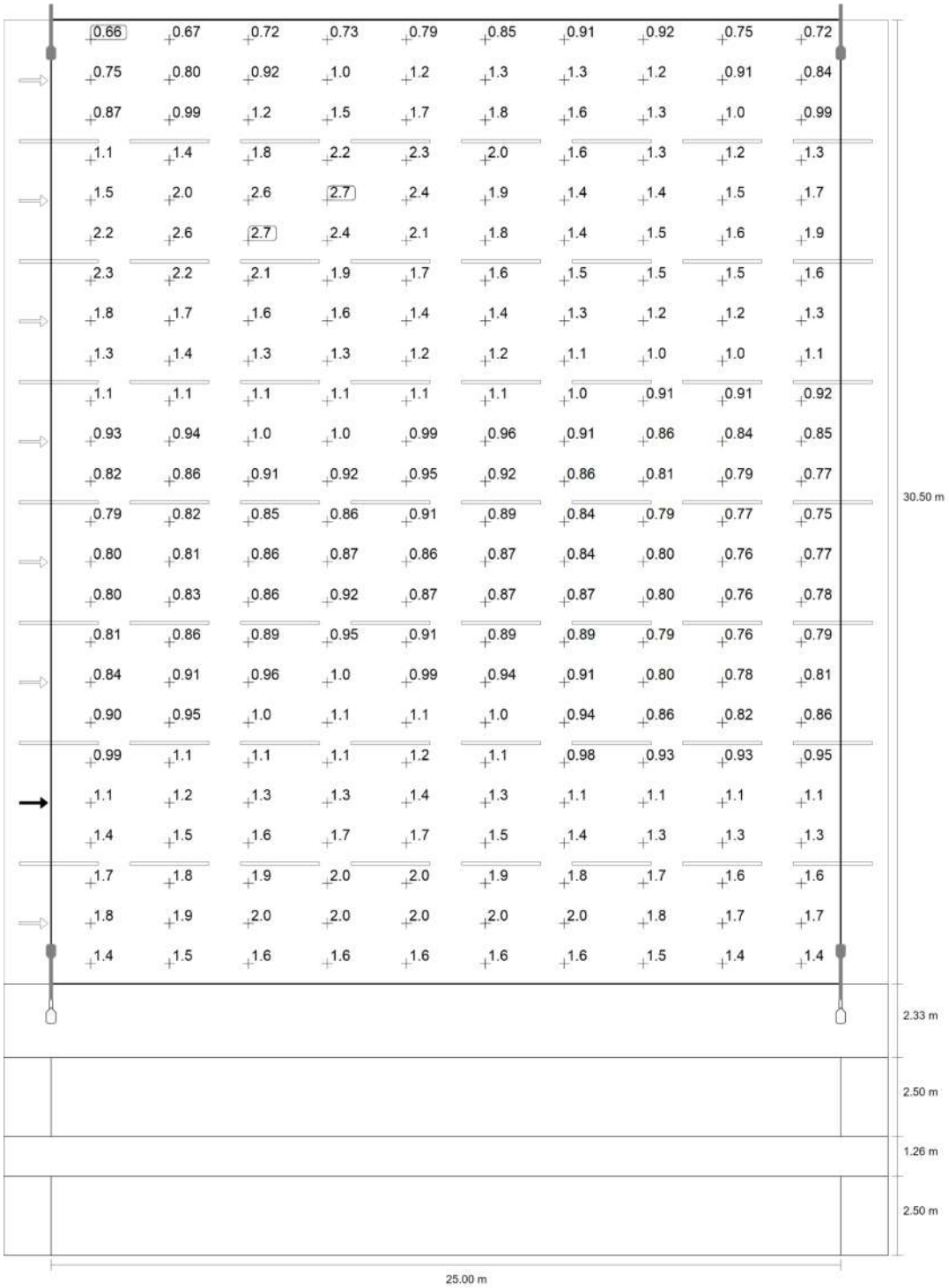
Taikos pr. praplatėjimas ties Kauno g. (M3)



Observer 2: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas ties Kauno g.

Taikos pr. praplatėjimas ties Kauno g. (M3)



Observer 2: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

Taikos pr. praplatėjimas ties Kauno g.

Taikos pr. praplatėjimas ties Kauno g. (M3)

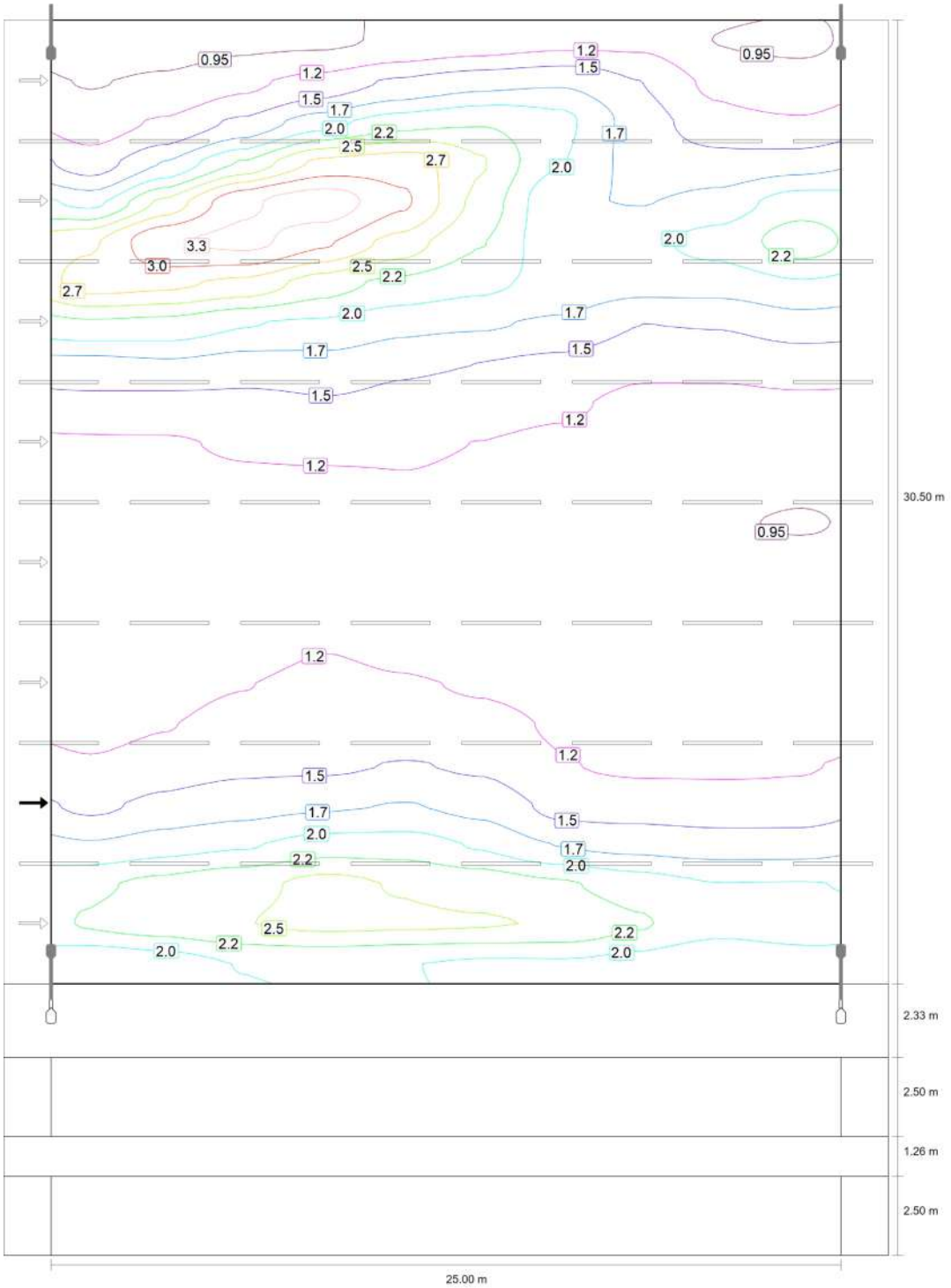
m	1.250	3.750	6.250	8.750	11.250	13.750	16.250	18.750	21.250	23.750
38.455	0.66	0.67	0.72	0.73	0.79	0.85	0.91	0.92	0.75	0.72
37.184	0.75	0.80	0.92	1.04	1.20	1.30	1.35	1.17	0.91	0.84
35.913	0.87	0.99	1.21	1.49	1.70	1.77	1.63	1.29	1.05	0.99
34.642	1.07	1.38	1.80	2.24	2.29	2.00	1.59	1.31	1.25	1.28
33.371	1.52	2.05	2.57	2.71	2.43	1.93	1.41	1.37	1.46	1.69
32.100	2.16	2.57	2.66	2.44	2.10	1.79	1.44	1.53	1.65	1.89
30.830	2.30	2.25	2.14	1.88	1.73	1.63	1.52	1.46	1.46	1.57
29.559	1.76	1.73	1.60	1.55	1.44	1.40	1.34	1.17	1.19	1.28
28.288	1.32	1.35	1.29	1.30	1.21	1.17	1.12	1.02	1.01	1.05
27.017	1.10	1.10	1.10	1.14	1.09	1.06	1.00	0.91	0.91	0.92
25.746	0.93	0.94	1.00	1.02	0.99	0.96	0.91	0.86	0.84	0.85
24.475	0.82	0.86	0.91	0.92	0.95	0.92	0.86	0.81	0.79	0.77
23.205	0.79	0.82	0.85	0.86	0.91	0.89	0.84	0.79	0.77	0.75
21.934	0.80	0.81	0.86	0.87	0.86	0.87	0.84	0.80	0.76	0.77
20.663	0.80	0.83	0.86	0.92	0.87	0.87	0.87	0.80	0.76	0.78
19.392	0.81	0.86	0.89	0.95	0.91	0.89	0.89	0.79	0.76	0.79
18.121	0.84	0.91	0.96	1.02	0.99	0.94	0.91	0.80	0.78	0.81
16.850	0.90	0.95	1.04	1.07	1.07	1.03	0.94	0.86	0.82	0.86
15.580	0.99	1.07	1.13	1.14	1.18	1.14	0.98	0.93	0.93	0.95
14.309	1.12	1.23	1.30	1.34	1.38	1.31	1.10	1.09	1.06	1.05
13.038	1.40	1.49	1.55	1.68	1.68	1.55	1.36	1.31	1.27	1.28
11.767	1.74	1.84	1.93	2.04	1.97	1.91	1.82	1.68	1.58	1.59
10.496	1.81	1.89	1.98	2.04	2.02	2.01	1.97	1.81	1.67	1.74
9.225	1.41	1.48	1.59	1.61	1.59	1.56	1.56	1.51	1.40	1.45

Observer 2: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 2: Maintenance value, luminance with dry roadway	1.25 cd/m²	0.66 cd/m²	2.71 cd/m²	0.52	0.24

Taikos pr. praplatėjimas ties Kauno g.

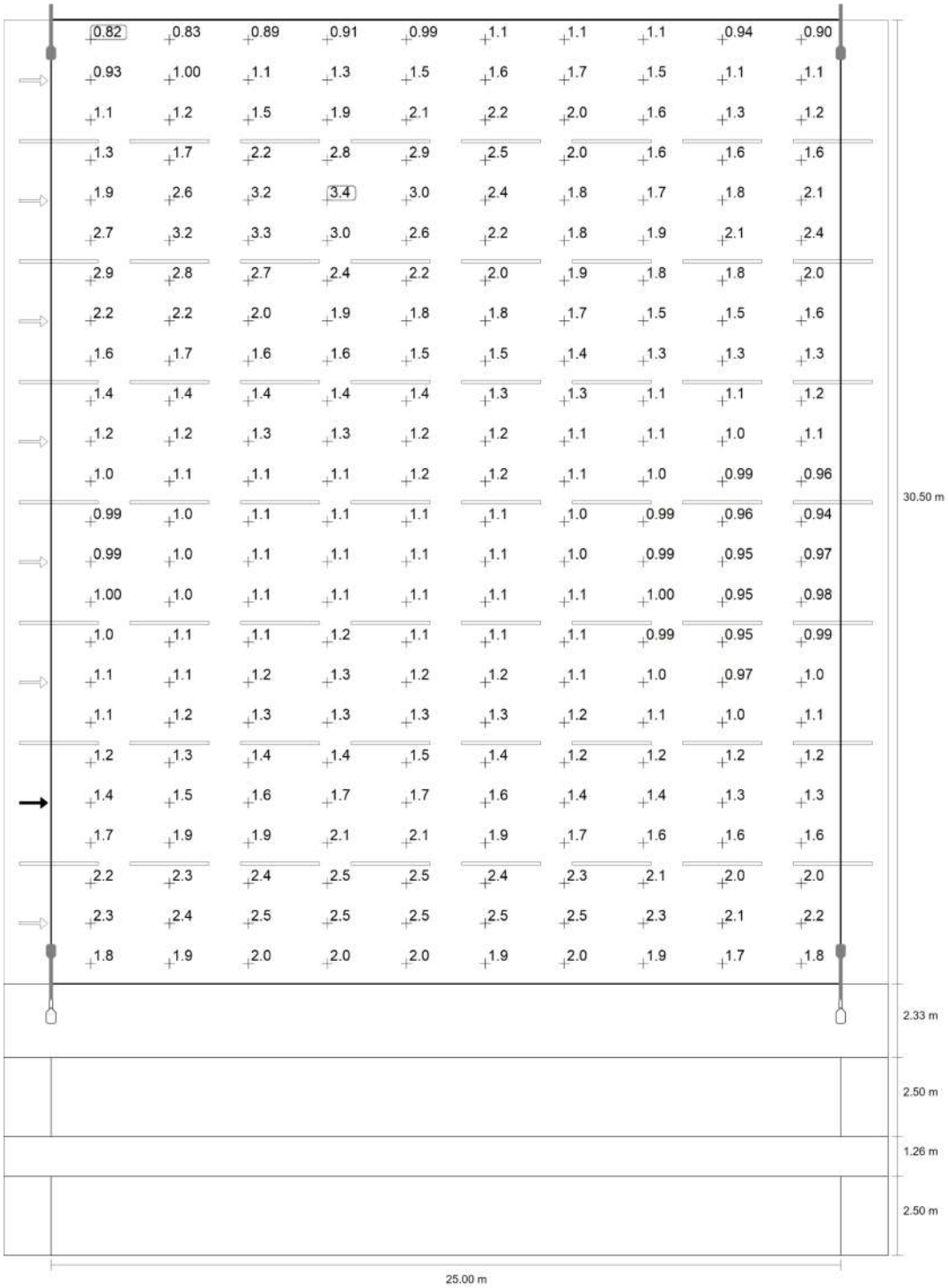
Taikos pr. praplatėjimas ties Kauno g. (M3)



Observer 2: Luminance with new installation [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas ties Kauno g.

Taikos pr. praplatėjimas ties Kauno g. (M3)



Observer 2: Luminance with new installation [cd/m²] (Value grid)

Taikos pr. praplatėjimas ties Kauno g.

Taikos pr. praplatėjimas ties Kauno g. (M3)

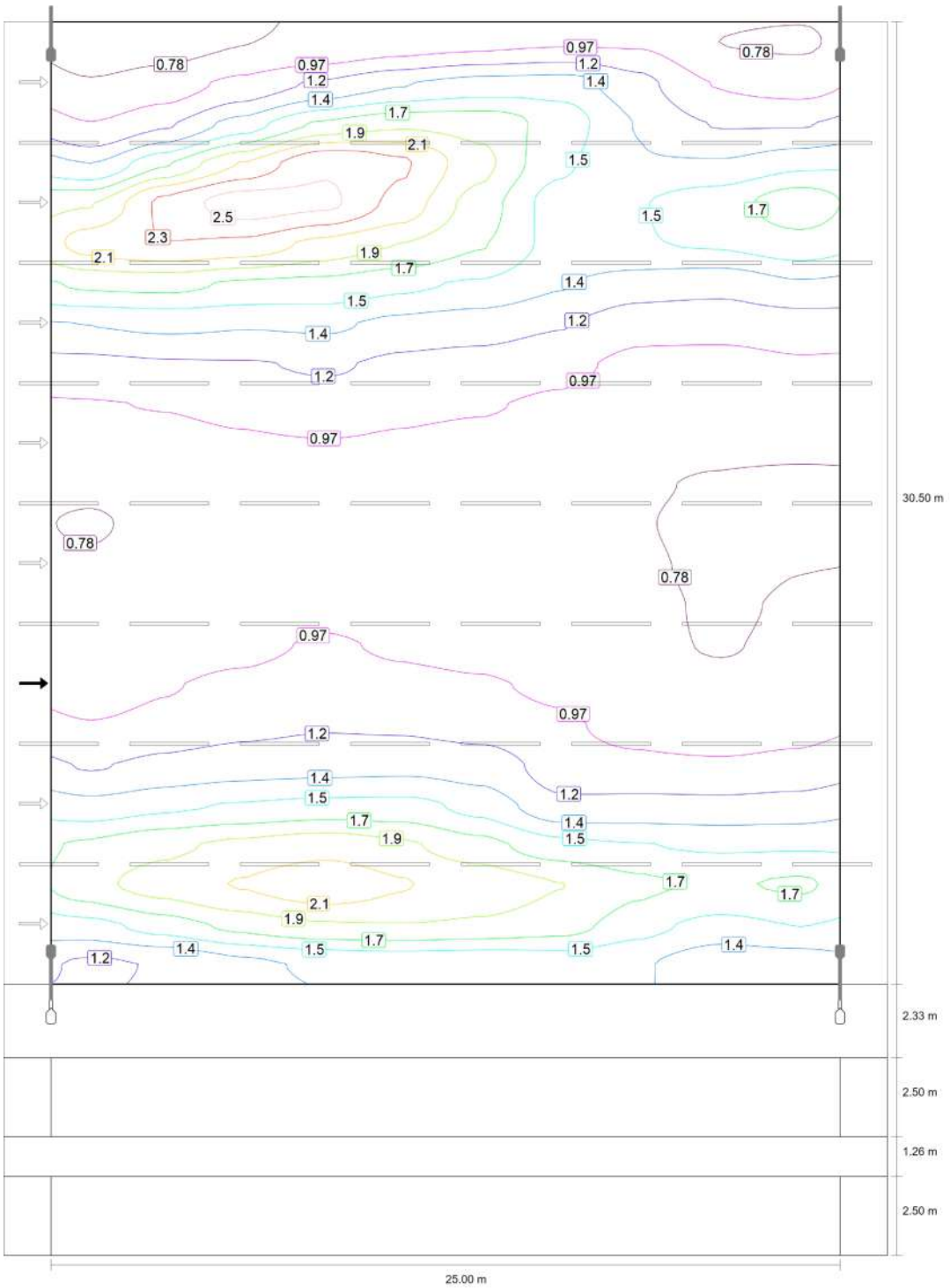
m	1.250	3.750	6.250	8.750	11.250	13.750	16.250	18.750	21.250	23.750
38.455	0.82	0.83	0.89	0.91	0.99	1.06	1.13	1.15	0.94	0.90
37.184	0.93	1.00	1.15	1.31	1.50	1.63	1.68	1.46	1.14	1.05
35.913	1.08	1.24	1.52	1.87	2.12	2.21	2.03	1.61	1.31	1.24
34.642	1.34	1.72	2.25	2.80	2.87	2.50	1.99	1.64	1.56	1.60
33.371	1.90	2.56	3.21	3.39	3.04	2.41	1.76	1.71	1.82	2.11
32.100	2.70	3.22	3.33	3.04	2.63	2.24	1.80	1.91	2.06	2.36
30.830	2.87	2.81	2.68	2.35	2.17	2.03	1.90	1.82	1.83	1.96
29.559	2.20	2.16	2.00	1.94	1.80	1.75	1.67	1.46	1.48	1.60
28.288	1.65	1.69	1.61	1.63	1.52	1.46	1.40	1.27	1.26	1.31
27.017	1.38	1.37	1.38	1.43	1.36	1.32	1.25	1.13	1.14	1.15
25.746	1.16	1.18	1.25	1.28	1.24	1.20	1.14	1.08	1.05	1.06
24.475	1.03	1.08	1.14	1.14	1.19	1.15	1.08	1.01	0.99	0.96
23.205	0.99	1.02	1.06	1.08	1.14	1.11	1.05	0.99	0.96	0.94
21.934	0.99	1.02	1.08	1.09	1.08	1.08	1.05	0.99	0.95	0.97
20.663	1.00	1.04	1.08	1.15	1.09	1.09	1.09	1.00	0.95	0.98
19.392	1.01	1.07	1.12	1.19	1.13	1.11	1.12	0.99	0.95	0.99
18.121	1.05	1.13	1.20	1.27	1.23	1.18	1.14	1.01	0.97	1.01
16.850	1.12	1.19	1.30	1.34	1.34	1.28	1.18	1.08	1.02	1.08
15.580	1.24	1.34	1.41	1.42	1.47	1.42	1.22	1.16	1.16	1.18
14.309	1.41	1.54	1.63	1.68	1.72	1.64	1.37	1.36	1.33	1.31
13.038	1.74	1.87	1.94	2.10	2.10	1.94	1.70	1.64	1.59	1.61
11.767	2.18	2.30	2.42	2.55	2.47	2.39	2.27	2.10	1.98	1.99
10.496	2.26	2.36	2.48	2.54	2.53	2.51	2.47	2.26	2.08	2.17
9.225	1.76	1.85	1.99	2.02	1.98	1.95	1.95	1.89	1.75	1.81

Observer 2: Luminance with new installation [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 2: Luminance with new installation	1.56 cd/m²	0.82 cd/m²	3.39 cd/m²	0.52	0.24

Taikos pr. praplatėjimas ties Kauno g.

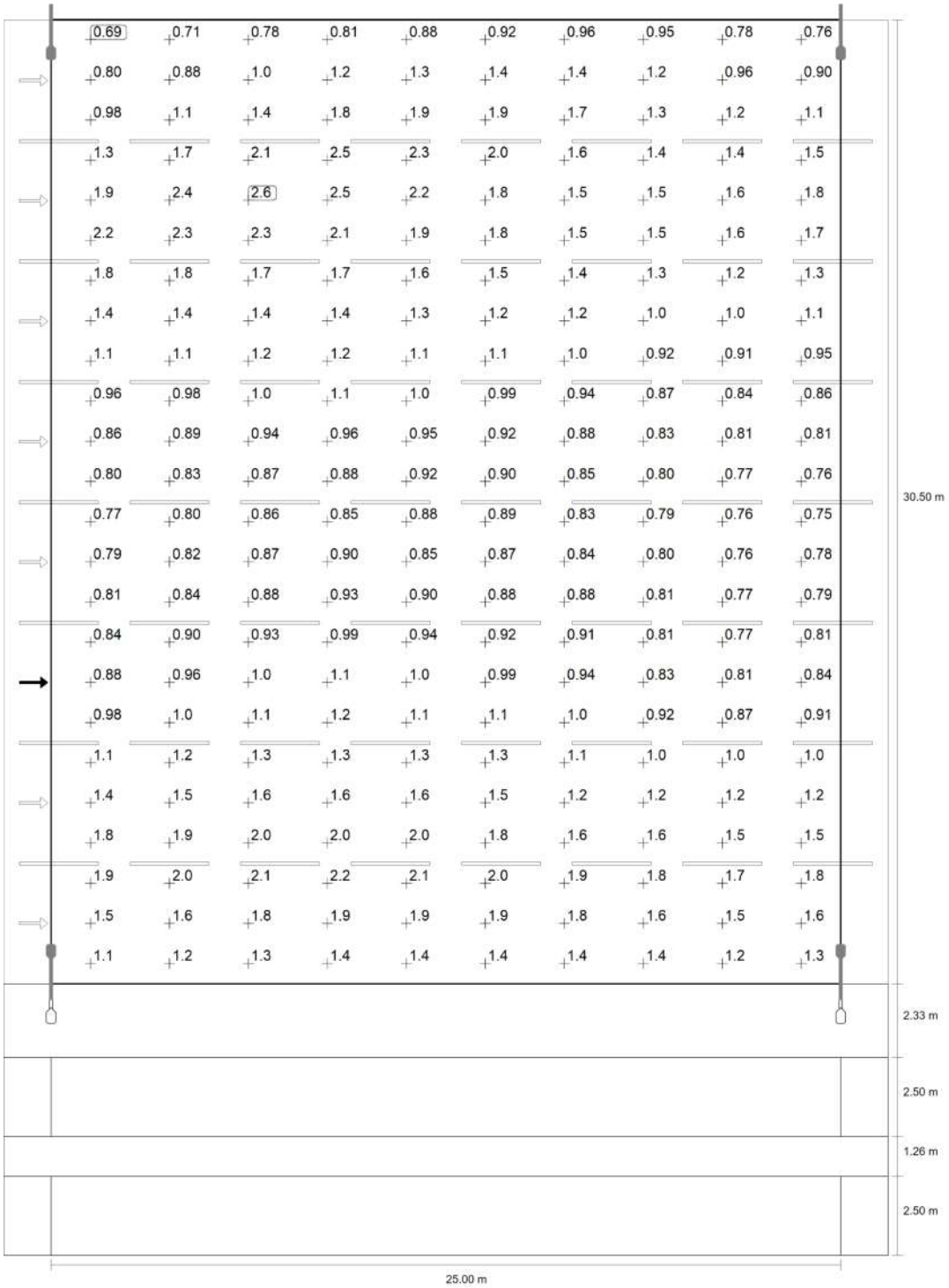
Taikos pr. praplatėjimas ties Kauno g. (M3)



Observer 3: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas ties Kauno g.

Taikos pr. praplatėjimas ties Kauno g. (M3)



Observer 3: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

Taikos pr. praplatėjimas ties Kauno g.

Taikos pr. praplatėjimas ties Kauno g. (M3)

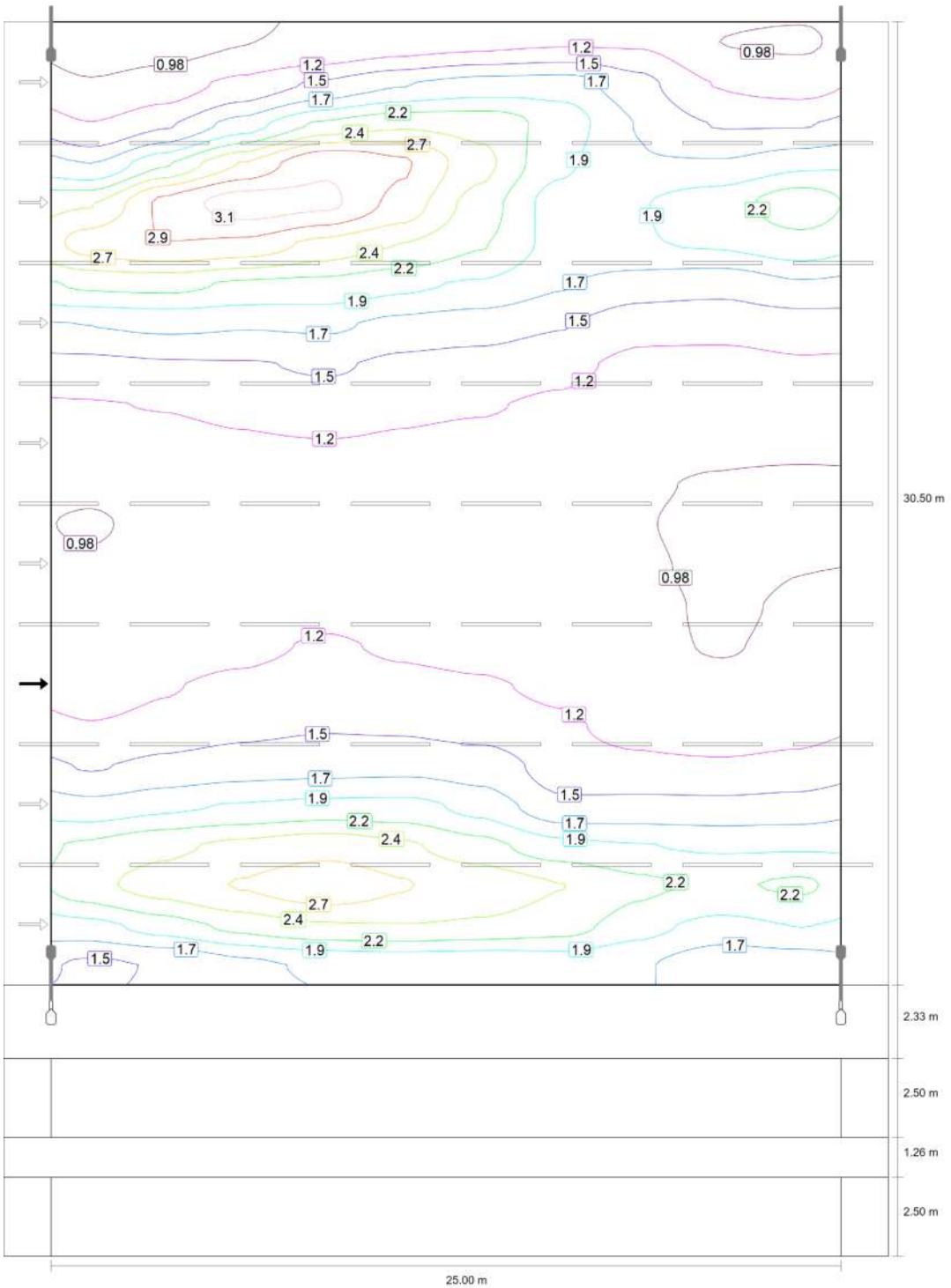
m	1.250	3.750	6.250	8.750	11.250	13.750	16.250	18.750	21.250	23.750
38.455	0.69	0.71	0.78	0.81	0.88	0.92	0.96	0.95	0.78	0.76
37.184	0.80	0.88	1.03	1.19	1.34	1.43	1.44	1.22	0.96	0.90
35.913	0.98	1.14	1.44	1.76	1.89	1.85	1.66	1.34	1.15	1.15
34.642	1.35	1.72	2.13	2.47	2.33	1.99	1.59	1.38	1.38	1.50
33.371	1.91	2.37	2.60	2.55	2.24	1.84	1.46	1.54	1.64	1.84
32.100	2.20	2.31	2.25	2.06	1.93	1.75	1.48	1.53	1.57	1.66
30.830	1.77	1.79	1.71	1.68	1.59	1.52	1.37	1.26	1.21	1.33
29.559	1.36	1.39	1.37	1.39	1.30	1.25	1.18	1.04	1.04	1.06
28.288	1.11	1.14	1.15	1.19	1.11	1.09	1.03	0.92	0.91	0.95
27.017	0.96	0.98	1.02	1.07	1.02	0.99	0.94	0.87	0.84	0.86
25.746	0.86	0.89	0.94	0.96	0.95	0.92	0.88	0.83	0.81	0.81
24.475	0.80	0.83	0.87	0.88	0.92	0.90	0.85	0.80	0.77	0.76
23.205	0.77	0.80	0.86	0.85	0.88	0.89	0.83	0.79	0.76	0.75
21.934	0.79	0.82	0.87	0.90	0.85	0.87	0.84	0.80	0.76	0.78
20.663	0.81	0.84	0.88	0.93	0.90	0.88	0.88	0.81	0.77	0.79
19.392	0.84	0.90	0.93	0.99	0.94	0.92	0.91	0.81	0.77	0.81
18.121	0.88	0.96	1.01	1.07	1.03	0.99	0.94	0.83	0.81	0.84
16.850	0.98	1.05	1.12	1.15	1.14	1.09	1.00	0.92	0.87	0.91
15.580	1.15	1.23	1.28	1.29	1.30	1.27	1.07	1.02	1.00	1.04
14.309	1.42	1.50	1.56	1.60	1.61	1.47	1.22	1.23	1.22	1.25
13.038	1.76	1.88	1.97	2.05	1.96	1.81	1.61	1.55	1.52	1.52
11.767	1.86	2.01	2.13	2.24	2.13	2.04	1.93	1.77	1.72	1.76
10.496	1.48	1.64	1.80	1.90	1.92	1.89	1.82	1.63	1.48	1.55
9.225	1.14	1.18	1.31	1.38	1.41	1.41	1.43	1.37	1.24	1.26

Observer 3: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 3: Maintenance value, luminance with dry roadway	1.26 cd/m²	0.69 cd/m²	2.60 cd/m²	0.54	0.26

Taikos pr. praplatėjimas ties Kauno g.

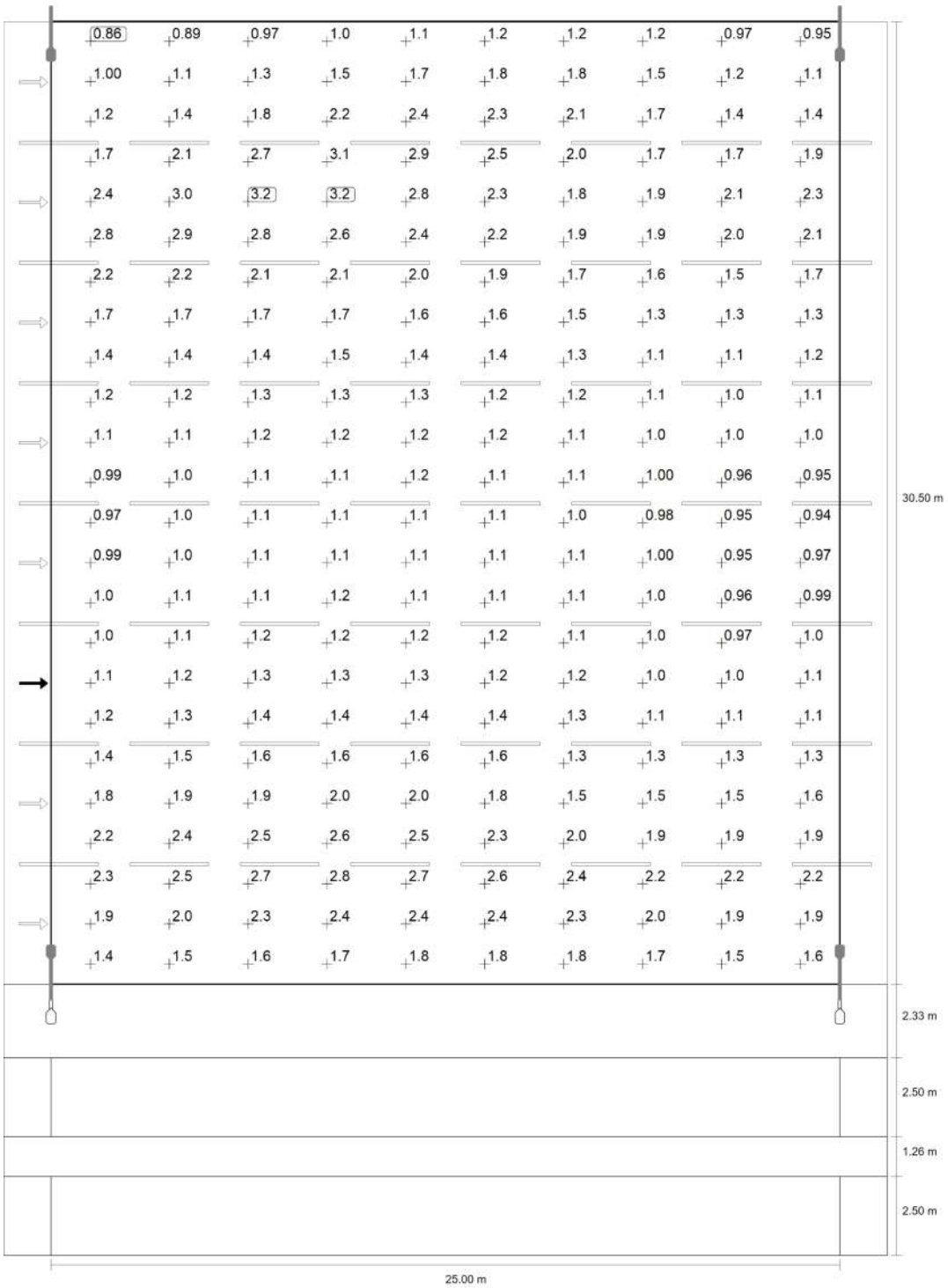
Taikos pr. praplatėjimas ties Kauno g. (M3)



Observer 3: Luminance with new installation [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas ties Kauno g.

Taikos pr. praplatėjimas ties Kauno g. (M3)



Observer 3: Luminance with new installation [cd/m²] (Value grid)

Taikos pr. praplatėjimas ties Kauno g.

Taikos pr. praplatėjimas ties Kauno g. (M3)

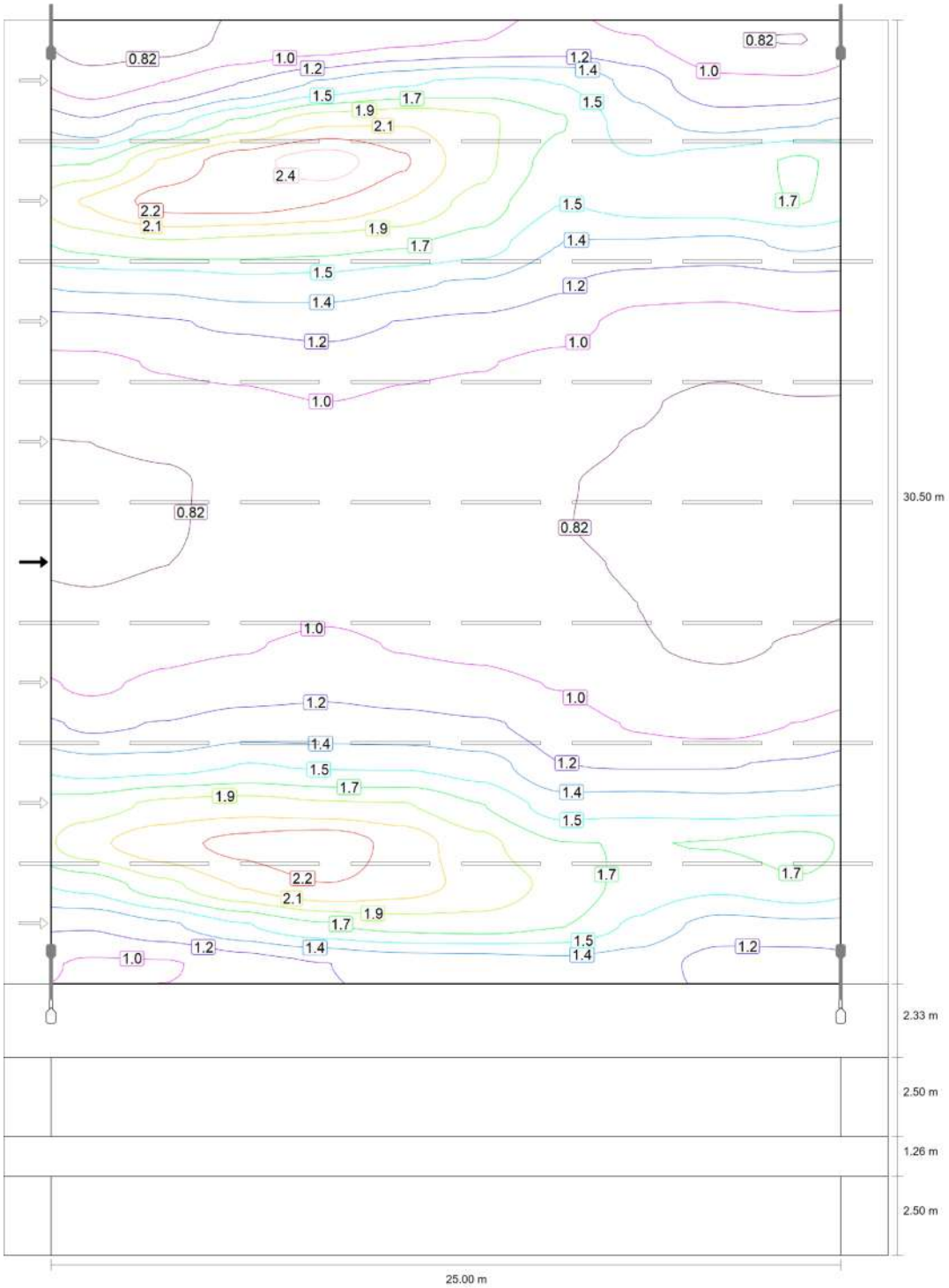
m	1.250	3.750	6.250	8.750	11.250	13.750	16.250	18.750	21.250	23.750
38.455	0.86	0.89	0.97	1.01	1.10	1.15	1.19	1.19	0.97	0.95
37.184	1.00	1.09	1.29	1.49	1.67	1.79	1.80	1.53	1.20	1.13
35.913	1.22	1.42	1.80	2.20	2.36	2.31	2.08	1.68	1.44	1.44
34.642	1.69	2.15	2.67	3.09	2.91	2.49	1.99	1.72	1.72	1.88
33.371	2.39	2.96	3.25	3.18	2.80	2.30	1.83	1.92	2.05	2.31
32.100	2.75	2.88	2.82	2.57	2.41	2.19	1.85	1.92	1.97	2.07
30.830	2.22	2.24	2.13	2.10	1.99	1.90	1.71	1.57	1.52	1.66
29.559	1.70	1.74	1.71	1.73	1.62	1.56	1.47	1.30	1.30	1.33
28.288	1.39	1.43	1.44	1.49	1.39	1.36	1.28	1.15	1.13	1.19
27.017	1.20	1.23	1.28	1.34	1.27	1.24	1.17	1.08	1.05	1.08
25.746	1.07	1.11	1.18	1.20	1.18	1.15	1.11	1.04	1.01	1.01
24.475	0.99	1.03	1.09	1.10	1.15	1.12	1.06	1.00	0.96	0.95
23.205	0.97	1.01	1.08	1.07	1.11	1.11	1.04	0.98	0.95	0.94
21.934	0.99	1.02	1.09	1.12	1.07	1.09	1.06	1.00	0.95	0.97
20.663	1.02	1.05	1.10	1.16	1.12	1.11	1.10	1.01	0.96	0.99
19.392	1.05	1.13	1.16	1.24	1.18	1.15	1.13	1.01	0.97	1.01
18.121	1.10	1.20	1.27	1.34	1.29	1.24	1.17	1.04	1.01	1.05
16.850	1.23	1.31	1.39	1.44	1.43	1.37	1.25	1.14	1.09	1.14
15.580	1.43	1.53	1.60	1.62	1.63	1.59	1.34	1.28	1.25	1.30
14.309	1.78	1.88	1.95	2.00	2.01	1.84	1.52	1.54	1.53	1.56
13.038	2.20	2.36	2.47	2.56	2.45	2.26	2.01	1.94	1.90	1.91
11.767	2.33	2.51	2.67	2.80	2.66	2.55	2.41	2.22	2.15	2.20
10.496	1.85	2.05	2.25	2.38	2.40	2.36	2.28	2.03	1.85	1.94
9.225	1.42	1.47	1.63	1.73	1.77	1.76	1.79	1.72	1.54	1.57

Observer 3: Luminance with new installation [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 3: Luminance with new installation	1.57 cd/m²	0.86 cd/m²	3.25 cd/m²	0.54	0.26

Taikos pr. praplatėjimas ties Kauno g.

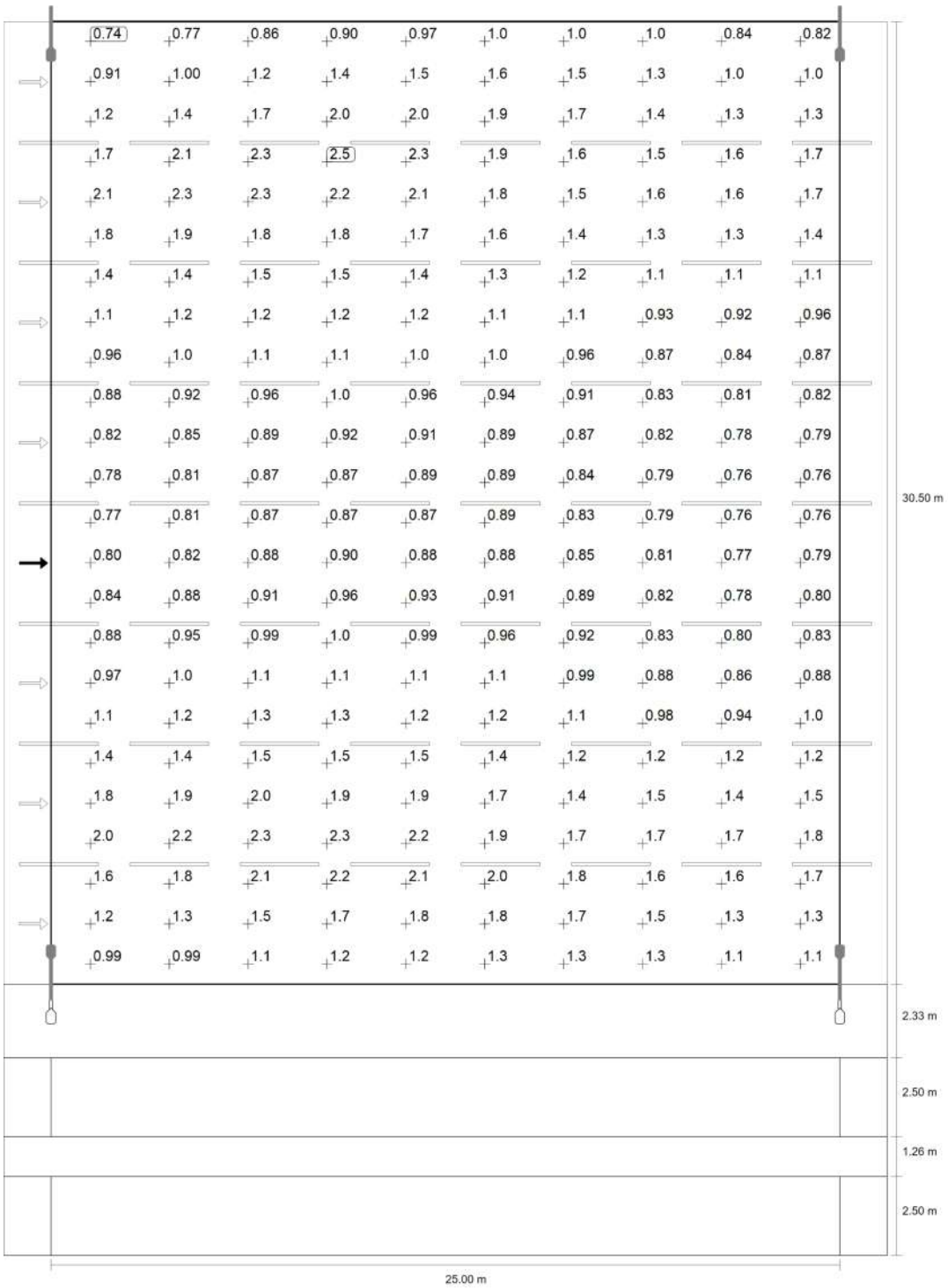
Taikos pr. praplatėjimas ties Kauno g. (M3)



Observer 4: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas ties Kauno g.

Taikos pr. praplatėjimas ties Kauno g. (M3)



Observer 4: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

Taikos pr. praplatėjimas ties Kauno g.

Taikos pr. praplatėjimas ties Kauno g. (M3)

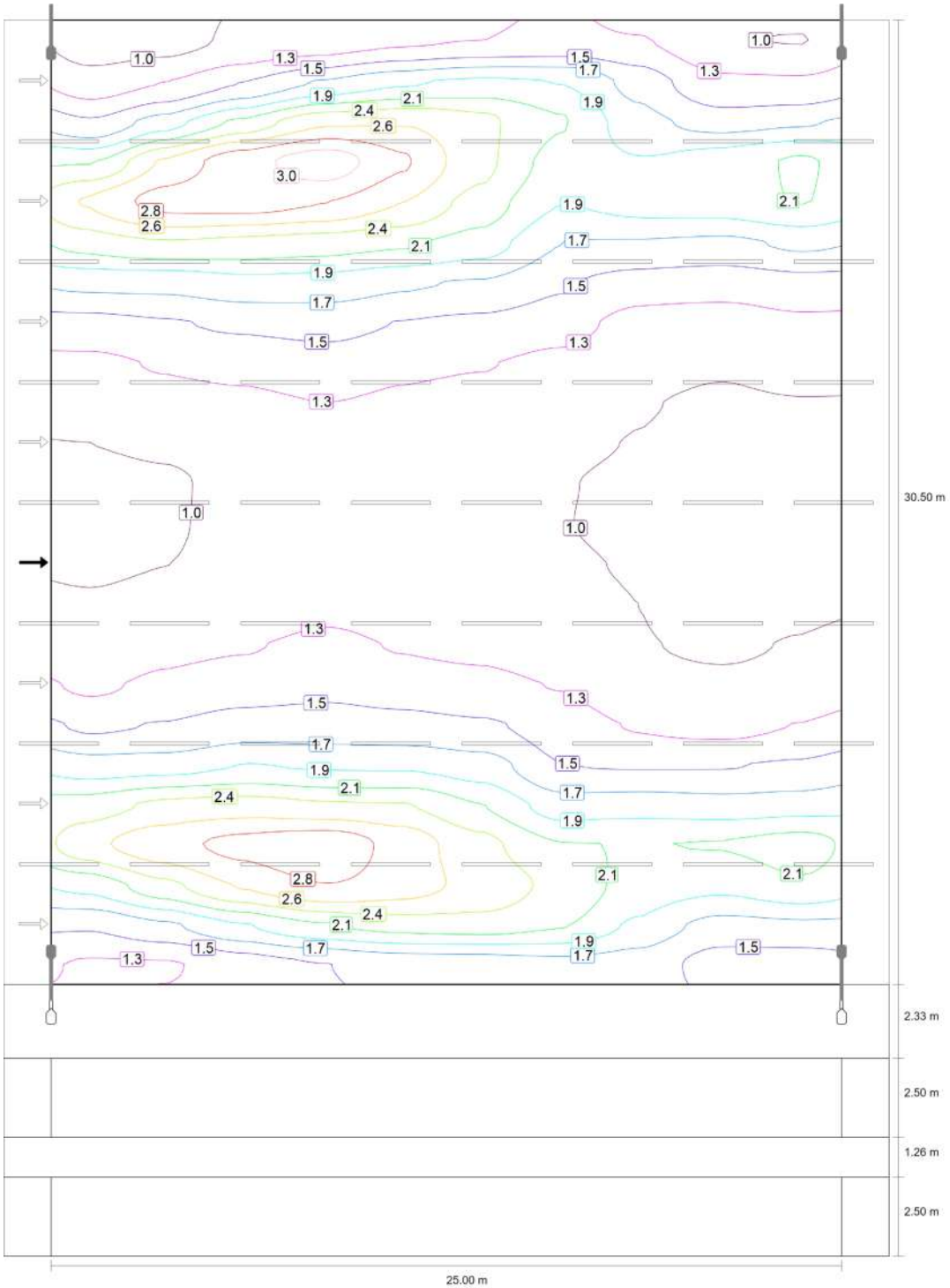
m	1.250	3.750	6.250	8.750	11.250	13.750	16.250	18.750	21.250	23.750
38.455	0.74	0.77	0.86	0.90	0.97	1.00	1.02	1.01	0.84	0.82
37.184	0.91	1.00	1.17	1.36	1.50	1.56	1.52	1.28	1.04	1.03
35.913	1.20	1.45	1.75	2.03	2.05	1.92	1.72	1.43	1.28	1.32
34.642	1.69	2.09	2.34	2.50	2.25	1.93	1.63	1.54	1.61	1.72
33.371	2.08	2.30	2.32	2.24	2.06	1.81	1.53	1.60	1.63	1.71
32.100	1.78	1.87	1.83	1.79	1.73	1.62	1.35	1.34	1.31	1.39
30.830	1.40	1.40	1.47	1.45	1.38	1.34	1.20	1.10	1.07	1.12
29.559	1.12	1.16	1.21	1.23	1.17	1.13	1.07	0.93	0.92	0.96
28.288	0.96	1.02	1.05	1.10	1.04	1.01	0.96	0.87	0.84	0.87
27.017	0.88	0.92	0.96	1.00	0.96	0.94	0.91	0.83	0.81	0.82
25.746	0.82	0.85	0.89	0.92	0.91	0.89	0.87	0.82	0.78	0.79
24.475	0.78	0.81	0.87	0.87	0.89	0.89	0.84	0.79	0.76	0.76
23.205	0.77	0.81	0.87	0.87	0.87	0.89	0.83	0.79	0.76	0.76
21.934	0.80	0.82	0.88	0.90	0.88	0.88	0.85	0.81	0.77	0.79
20.663	0.84	0.88	0.91	0.96	0.93	0.91	0.89	0.82	0.78	0.80
19.392	0.88	0.95	0.99	1.04	0.99	0.96	0.92	0.83	0.80	0.83
18.121	0.97	1.05	1.09	1.14	1.09	1.05	0.99	0.88	0.86	0.88
16.850	1.14	1.19	1.27	1.26	1.25	1.20	1.10	0.98	0.94	1.00
15.580	1.43	1.45	1.53	1.51	1.50	1.43	1.18	1.16	1.17	1.20
14.309	1.79	1.93	1.96	1.91	1.88	1.70	1.44	1.45	1.43	1.45
13.038	2.00	2.17	2.28	2.35	2.17	1.94	1.71	1.70	1.71	1.77
11.767	1.58	1.83	2.08	2.23	2.14	2.00	1.84	1.63	1.57	1.67
10.496	1.20	1.33	1.52	1.69	1.77	1.79	1.72	1.49	1.29	1.32
9.225	0.99	0.99	1.09	1.17	1.25	1.27	1.30	1.26	1.10	1.10

Observer 4: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 4: Maintenance value, luminance with dry roadway	1.26 cd/m²	0.74 cd/m²	2.50 cd/m²	0.58	0.29

Taikos pr. praplatėjimas ties Kauno g.

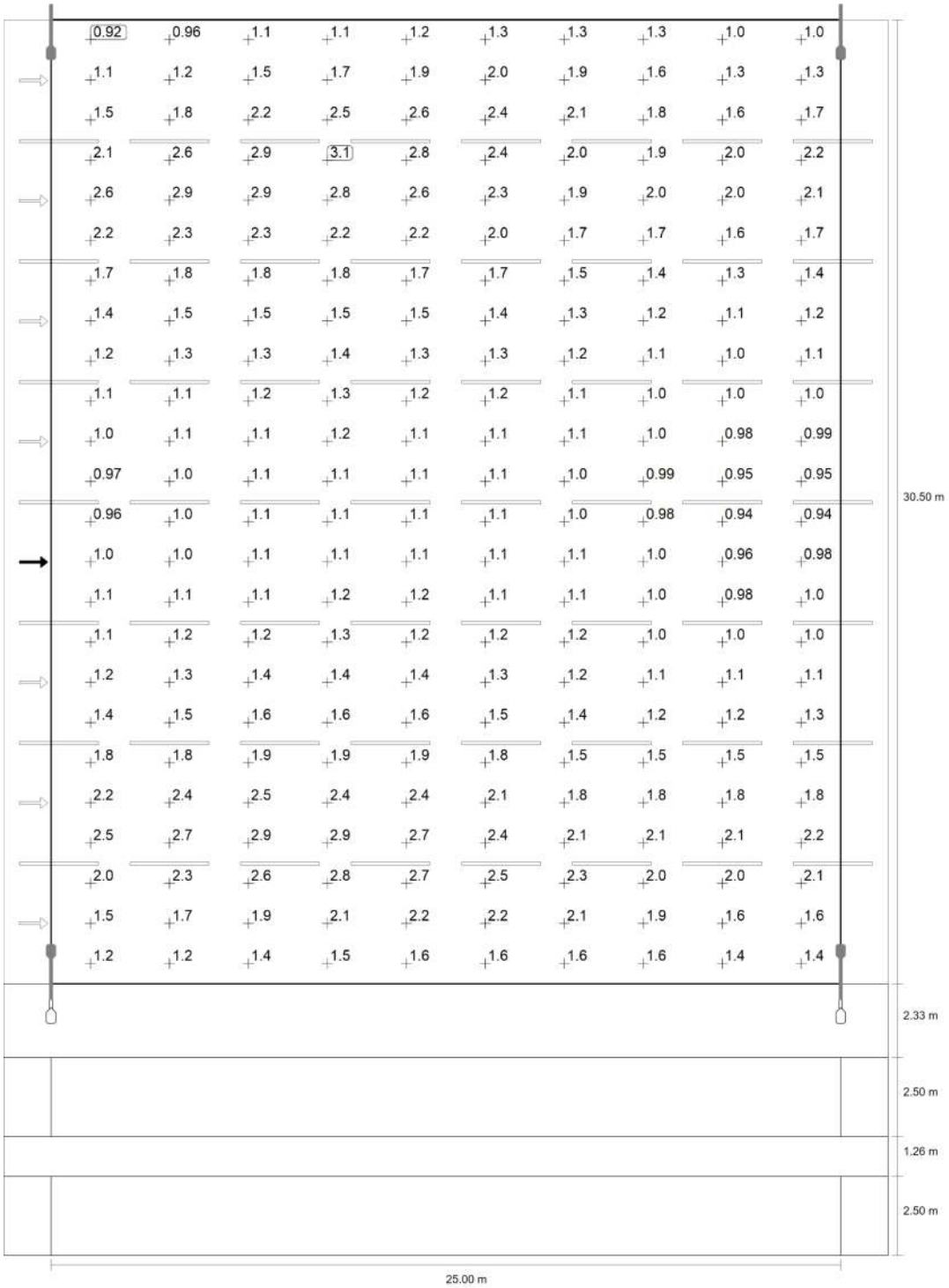
Taikos pr. praplatėjimas ties Kauno g. (M3)



Observer 4: Luminance with new installation [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas ties Kauno g.

Taikos pr. praplatėjimas ties Kauno g. (M3)



Observer 4: Luminance with new installation [cd/m²] (Value grid)

Taikos pr. praplatėjimas ties Kauno g.

Taikos pr. praplatėjimas ties Kauno g. (M3)

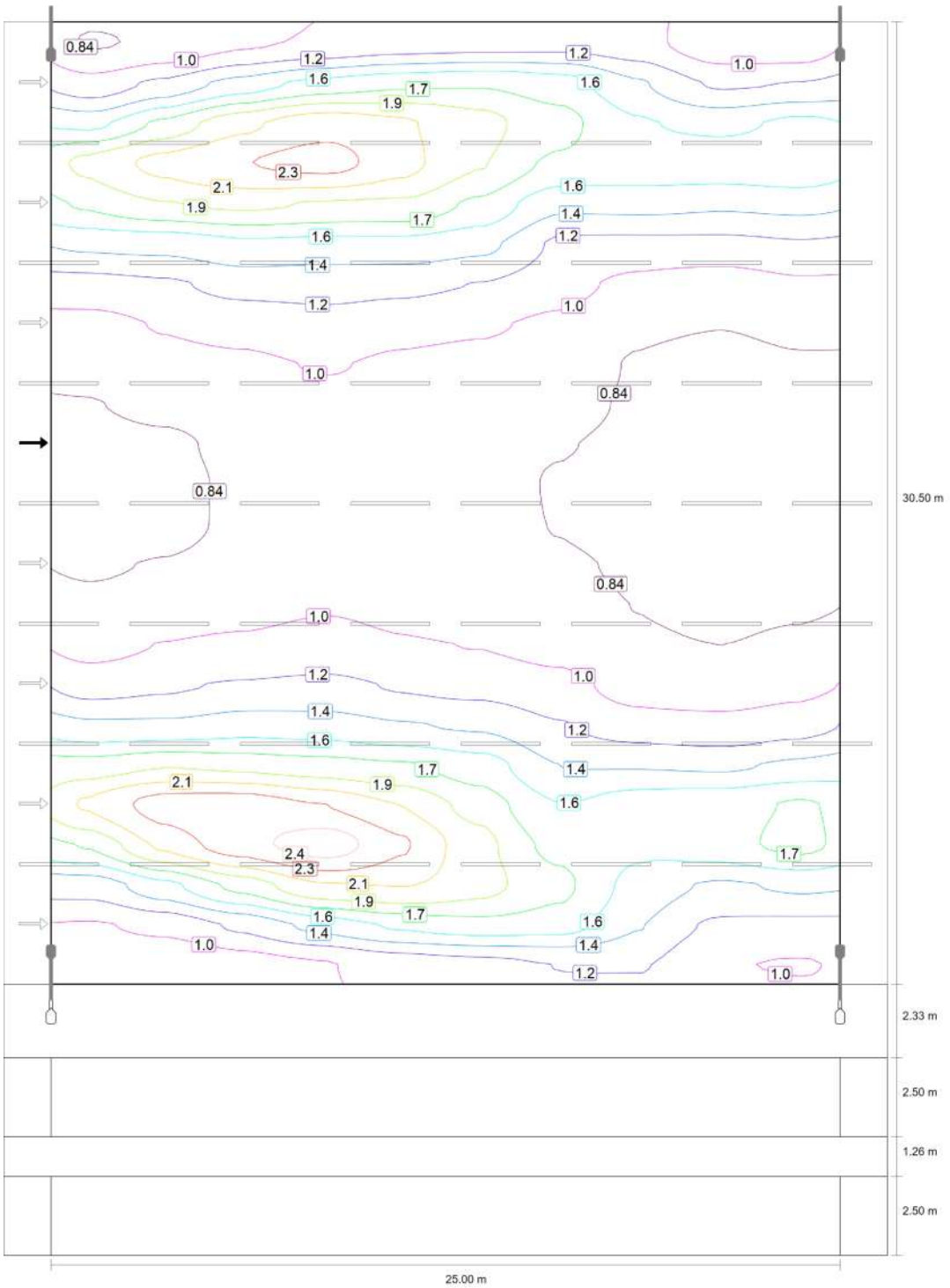
m	1.250	3.750	6.250	8.750	11.250	13.750	16.250	18.750	21.250	23.750
38.455	0.92	0.96	1.07	1.13	1.21	1.25	1.28	1.26	1.04	1.02
37.184	1.13	1.25	1.47	1.70	1.87	1.95	1.90	1.60	1.31	1.29
35.913	1.50	1.81	2.18	2.53	2.56	2.40	2.15	1.78	1.60	1.65
34.642	2.12	2.61	2.92	3.12	2.82	2.42	2.04	1.93	2.02	2.16
33.371	2.59	2.88	2.90	2.80	2.57	2.26	1.91	2.00	2.03	2.14
32.100	2.22	2.34	2.29	2.23	2.17	2.02	1.69	1.67	1.64	1.74
30.830	1.74	1.75	1.84	1.82	1.72	1.67	1.50	1.37	1.33	1.39
29.559	1.40	1.45	1.51	1.54	1.46	1.42	1.34	1.17	1.15	1.20
28.288	1.20	1.28	1.32	1.37	1.30	1.26	1.20	1.09	1.05	1.09
27.017	1.09	1.15	1.20	1.25	1.21	1.18	1.14	1.04	1.01	1.02
25.746	1.03	1.06	1.12	1.16	1.14	1.12	1.08	1.02	0.98	0.99
24.475	0.97	1.01	1.09	1.08	1.11	1.11	1.04	0.99	0.95	0.95
23.205	0.96	1.01	1.08	1.09	1.09	1.11	1.04	0.98	0.94	0.94
21.934	1.00	1.03	1.10	1.12	1.10	1.10	1.07	1.01	0.96	0.98
20.663	1.05	1.10	1.14	1.21	1.16	1.13	1.12	1.03	0.98	1.00
19.392	1.10	1.19	1.23	1.30	1.23	1.20	1.15	1.04	1.00	1.04
18.121	1.21	1.31	1.36	1.42	1.36	1.31	1.24	1.10	1.07	1.10
16.850	1.43	1.48	1.58	1.58	1.56	1.50	1.37	1.23	1.18	1.25
15.580	1.79	1.81	1.91	1.88	1.88	1.79	1.47	1.45	1.46	1.50
14.309	2.24	2.41	2.46	2.38	2.36	2.13	1.80	1.81	1.78	1.81
13.038	2.50	2.72	2.85	2.94	2.71	2.43	2.14	2.13	2.14	2.21
11.767	1.97	2.29	2.60	2.79	2.67	2.50	2.30	2.04	1.96	2.09
10.496	1.49	1.66	1.90	2.11	2.21	2.24	2.15	1.86	1.61	1.65
9.225	1.23	1.24	1.36	1.47	1.56	1.59	1.63	1.58	1.38	1.37

Observer 4: Luminance with new installation [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 4: Luminance with new installation	1.58 cd/m²	0.92 cd/m²	3.12 cd/m²	0.58	0.29

Taikos pr. praplatėjimas ties Kauno g.

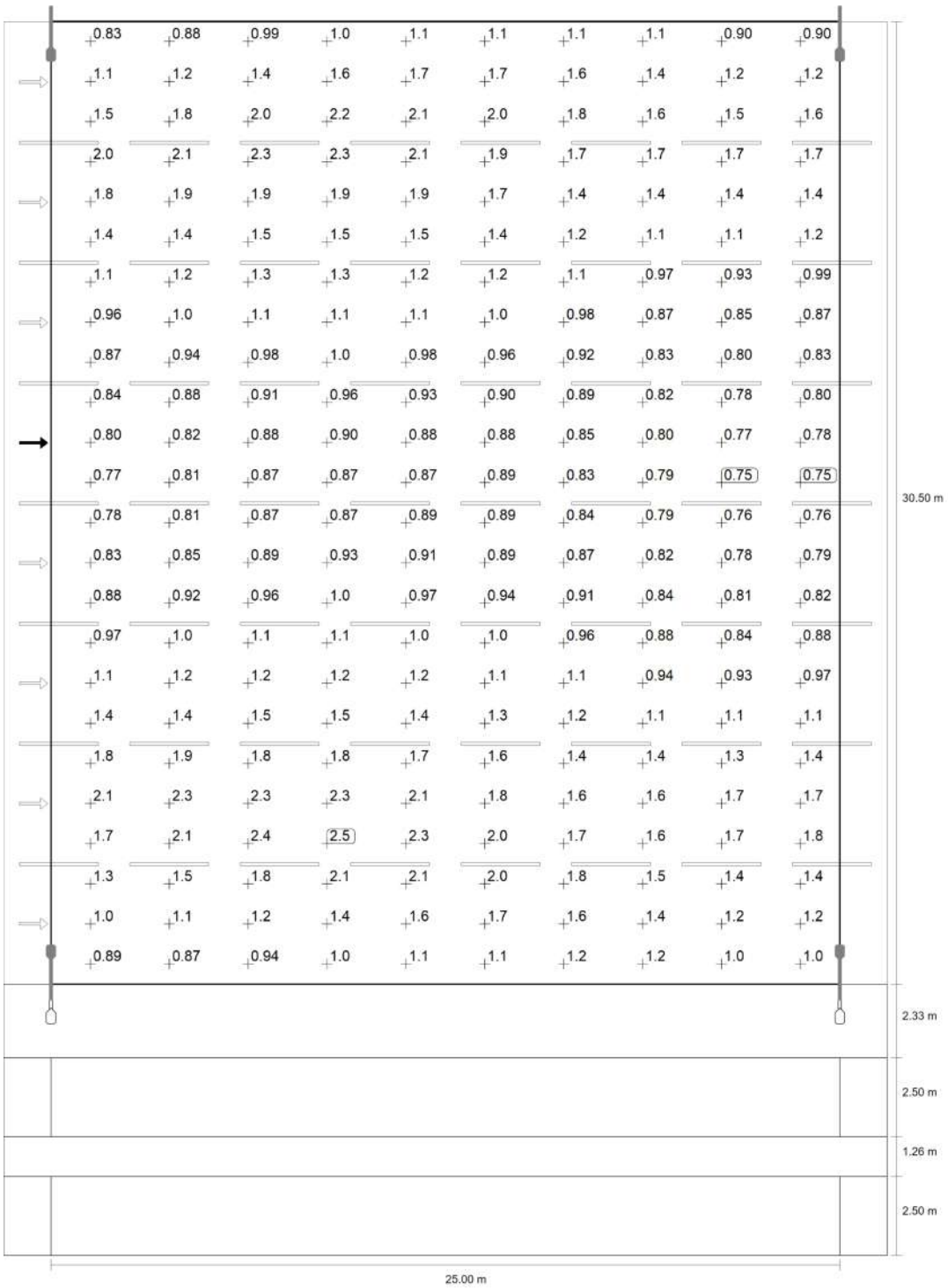
Taikos pr. praplatėjimas ties Kauno g. (M3)



Observer 5: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas ties Kauno g.

Taikos pr. praplatėjimas ties Kauno g. (M3)



Observer 5: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

Taikos pr. praplatėjimas ties Kauno g.

Taikos pr. praplatėjimas ties Kauno g. (M3)

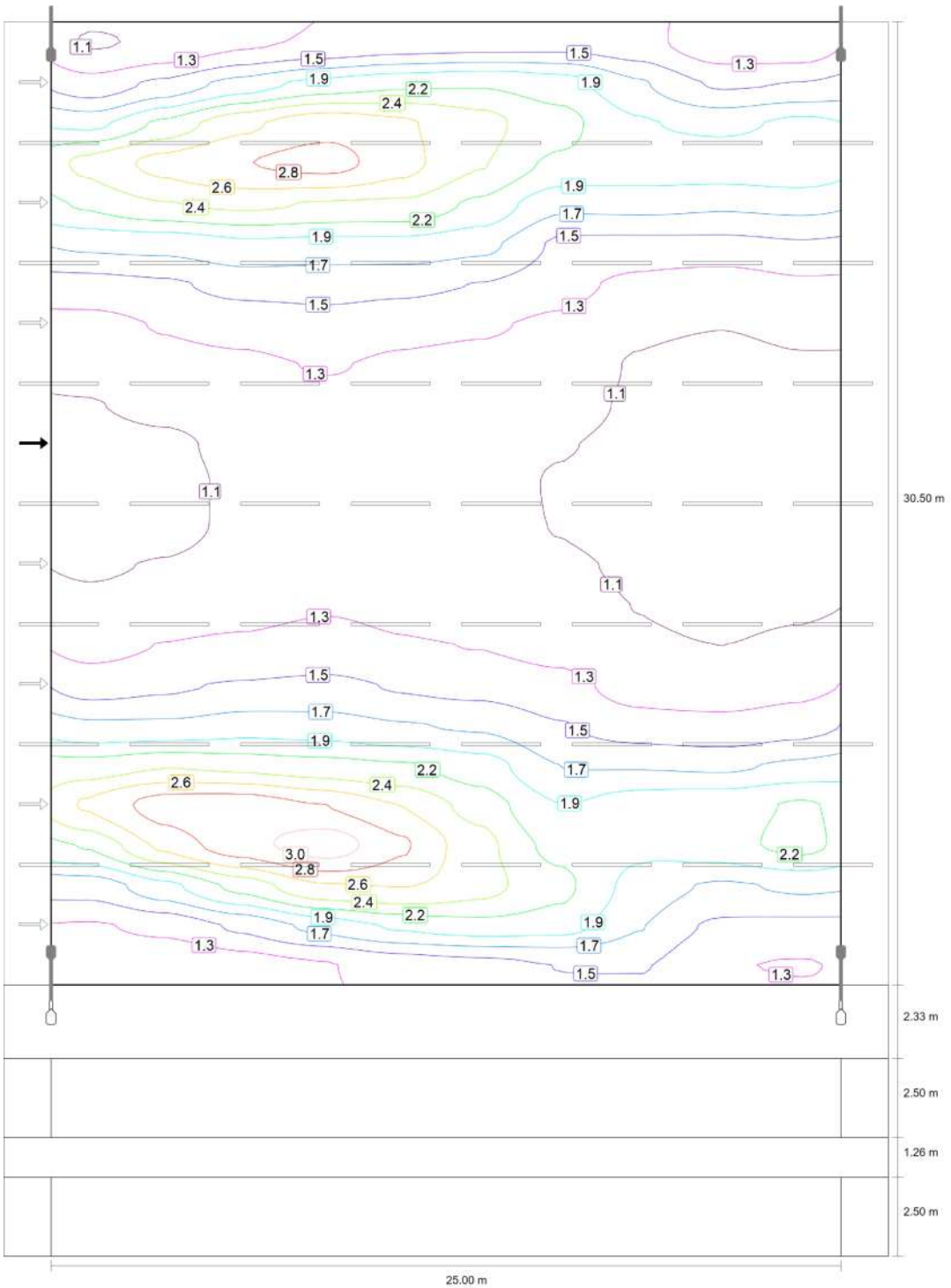
m	1.250	3.750	6.250	8.750	11.250	13.750	16.250	18.750	21.250	23.750
38.455	0.83	0.88	0.99	1.04	1.09	1.11	1.13	1.07	0.90	0.90
37.184	1.09	1.24	1.45	1.61	1.69	1.71	1.63	1.39	1.17	1.20
35.913	1.50	1.78	2.04	2.19	2.10	1.96	1.79	1.57	1.50	1.59
34.642	1.95	2.14	2.25	2.33	2.14	1.92	1.68	1.66	1.67	1.72
33.371	1.76	1.90	1.94	1.89	1.87	1.69	1.42	1.43	1.40	1.42
32.100	1.41	1.43	1.51	1.50	1.49	1.42	1.16	1.15	1.14	1.18
30.830	1.13	1.17	1.26	1.25	1.24	1.19	1.09	0.97	0.93	0.99
29.559	0.96	1.04	1.08	1.13	1.09	1.04	0.98	0.87	0.85	0.87
28.288	0.87	0.94	0.98	1.03	0.98	0.96	0.92	0.83	0.80	0.83
27.017	0.84	0.88	0.91	0.96	0.93	0.90	0.89	0.82	0.78	0.80
25.746	0.80	0.82	0.88	0.90	0.88	0.88	0.85	0.80	0.77	0.78
24.475	0.77	0.81	0.87	0.87	0.87	0.89	0.83	0.79	0.75	0.75
23.205	0.78	0.81	0.87	0.87	0.89	0.89	0.84	0.79	0.76	0.76
21.934	0.83	0.85	0.89	0.93	0.91	0.89	0.87	0.82	0.78	0.79
20.663	0.88	0.92	0.96	1.00	0.97	0.94	0.91	0.84	0.81	0.82
19.392	0.97	1.03	1.06	1.10	1.04	1.01	0.96	0.88	0.84	0.88
18.121	1.13	1.17	1.22	1.24	1.18	1.14	1.08	0.94	0.93	0.97
16.850	1.41	1.42	1.48	1.46	1.39	1.35	1.21	1.11	1.08	1.13
15.580	1.80	1.89	1.84	1.80	1.75	1.63	1.37	1.36	1.34	1.41
14.309	2.11	2.33	2.35	2.26	2.08	1.83	1.55	1.63	1.66	1.75
13.038	1.75	2.13	2.37	2.53	2.28	1.96	1.66	1.58	1.66	1.78
11.767	1.27	1.51	1.80	2.07	2.09	1.97	1.77	1.49	1.35	1.41
10.496	1.01	1.07	1.24	1.44	1.58	1.65	1.62	1.38	1.16	1.15
9.225	0.89	0.87	0.94	1.01	1.10	1.15	1.20	1.20	1.04	1.01

Observer 5: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 5: Maintenance value, luminance with dry roadway	1.26 cd/m²	0.75 cd/m²	2.53 cd/m²	0.60	0.30

Taikos pr. praplatėjimas ties Kauno g.

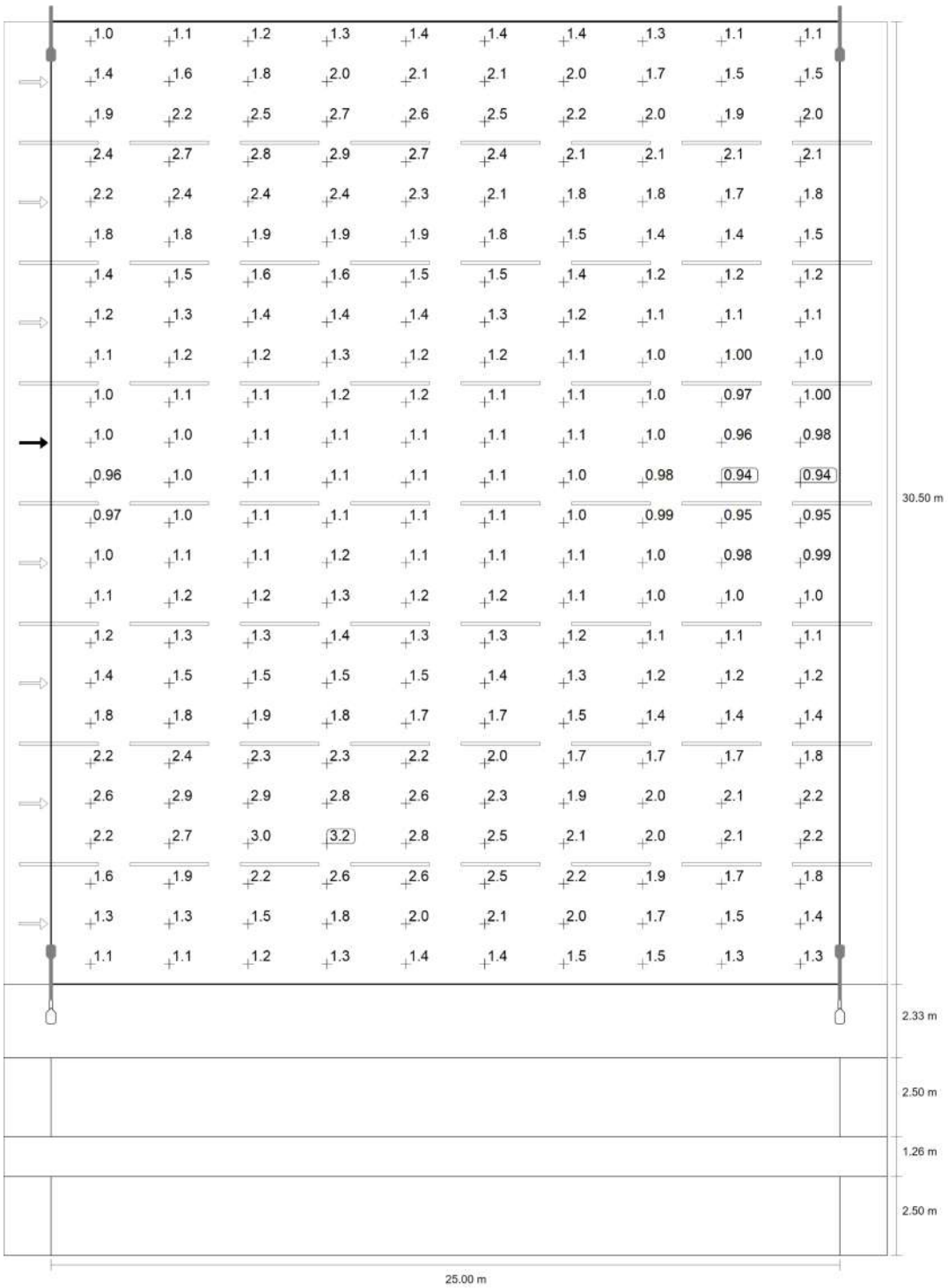
Taikos pr. praplatėjimas ties Kauno g. (M3)



Observer 5: Luminance with new installation [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas ties Kauno g.

Taikos pr. praplatėjimas ties Kauno g. (M3)



Observer 5: Luminance with new installation [cd/m²] (Value grid)

Taikos pr. praplatėjimas ties Kauno g.

Taikos pr. praplatėjimas ties Kauno g. (M3)

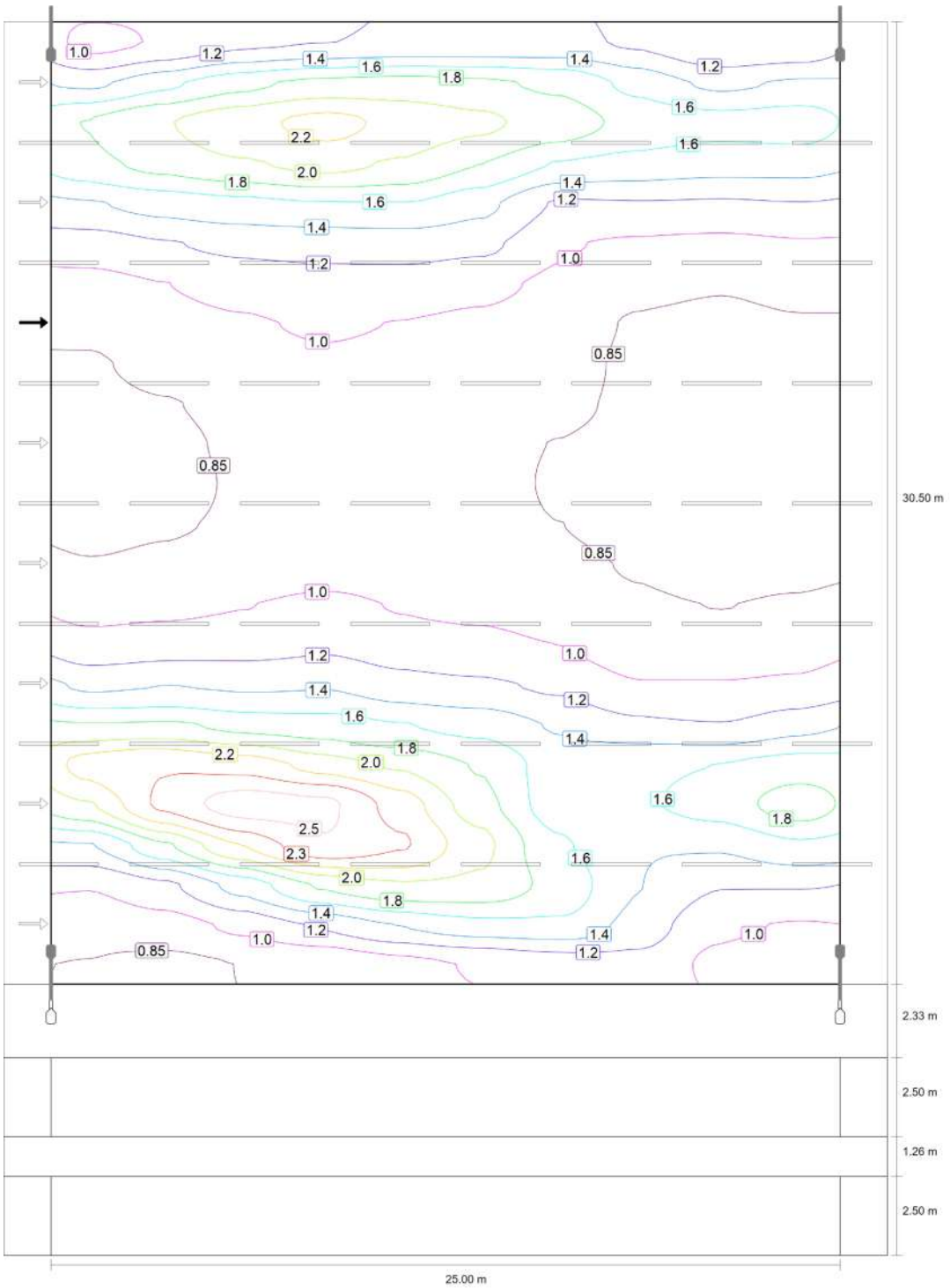
m	1.250	3.750	6.250	8.750	11.250	13.750	16.250	18.750	21.250	23.750
38.455	1.03	1.10	1.24	1.30	1.36	1.39	1.41	1.34	1.13	1.13
37.184	1.37	1.55	1.81	2.01	2.11	2.14	2.04	1.74	1.46	1.50
35.913	1.88	2.22	2.55	2.74	2.63	2.45	2.23	1.97	1.88	1.99
34.642	2.44	2.67	2.82	2.91	2.68	2.40	2.10	2.08	2.09	2.15
33.371	2.20	2.37	2.43	2.36	2.34	2.11	1.77	1.79	1.75	1.78
32.100	1.76	1.79	1.89	1.87	1.86	1.78	1.45	1.43	1.43	1.48
30.830	1.41	1.47	1.57	1.57	1.55	1.49	1.36	1.21	1.16	1.24
29.559	1.20	1.30	1.35	1.41	1.36	1.31	1.23	1.09	1.06	1.09
28.288	1.09	1.18	1.23	1.29	1.23	1.20	1.15	1.04	1.00	1.03
27.017	1.05	1.09	1.13	1.20	1.16	1.13	1.11	1.02	0.97	1.00
25.746	1.00	1.03	1.10	1.12	1.10	1.10	1.07	1.01	0.96	0.98
24.475	0.96	1.01	1.08	1.09	1.09	1.11	1.04	0.98	0.94	0.94
23.205	0.97	1.01	1.09	1.08	1.11	1.11	1.04	0.99	0.95	0.95
21.934	1.03	1.07	1.12	1.16	1.14	1.12	1.09	1.02	0.98	0.99
20.663	1.10	1.15	1.20	1.26	1.21	1.18	1.14	1.05	1.01	1.03
19.392	1.21	1.28	1.32	1.38	1.30	1.27	1.20	1.09	1.05	1.10
18.121	1.41	1.46	1.52	1.55	1.47	1.43	1.35	1.18	1.16	1.22
16.850	1.76	1.77	1.85	1.83	1.74	1.68	1.51	1.39	1.35	1.41
15.580	2.25	2.36	2.31	2.25	2.18	2.04	1.71	1.70	1.67	1.77
14.309	2.64	2.91	2.93	2.82	2.59	2.28	1.94	2.04	2.07	2.18
13.038	2.18	2.67	2.97	3.16	2.85	2.45	2.08	1.98	2.08	2.22
11.767	1.59	1.88	2.25	2.59	2.61	2.46	2.21	1.86	1.69	1.76
10.496	1.26	1.34	1.55	1.80	1.98	2.07	2.03	1.73	1.45	1.44
9.225	1.12	1.09	1.18	1.26	1.38	1.44	1.50	1.50	1.30	1.26

Observer 5: Luminance with new installation [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 5: Luminance with new installation	1.58 cd/m²	0.94 cd/m²	3.16 cd/m²	0.60	0.30

Taikos pr. praplatėjimas ties Kauno g.

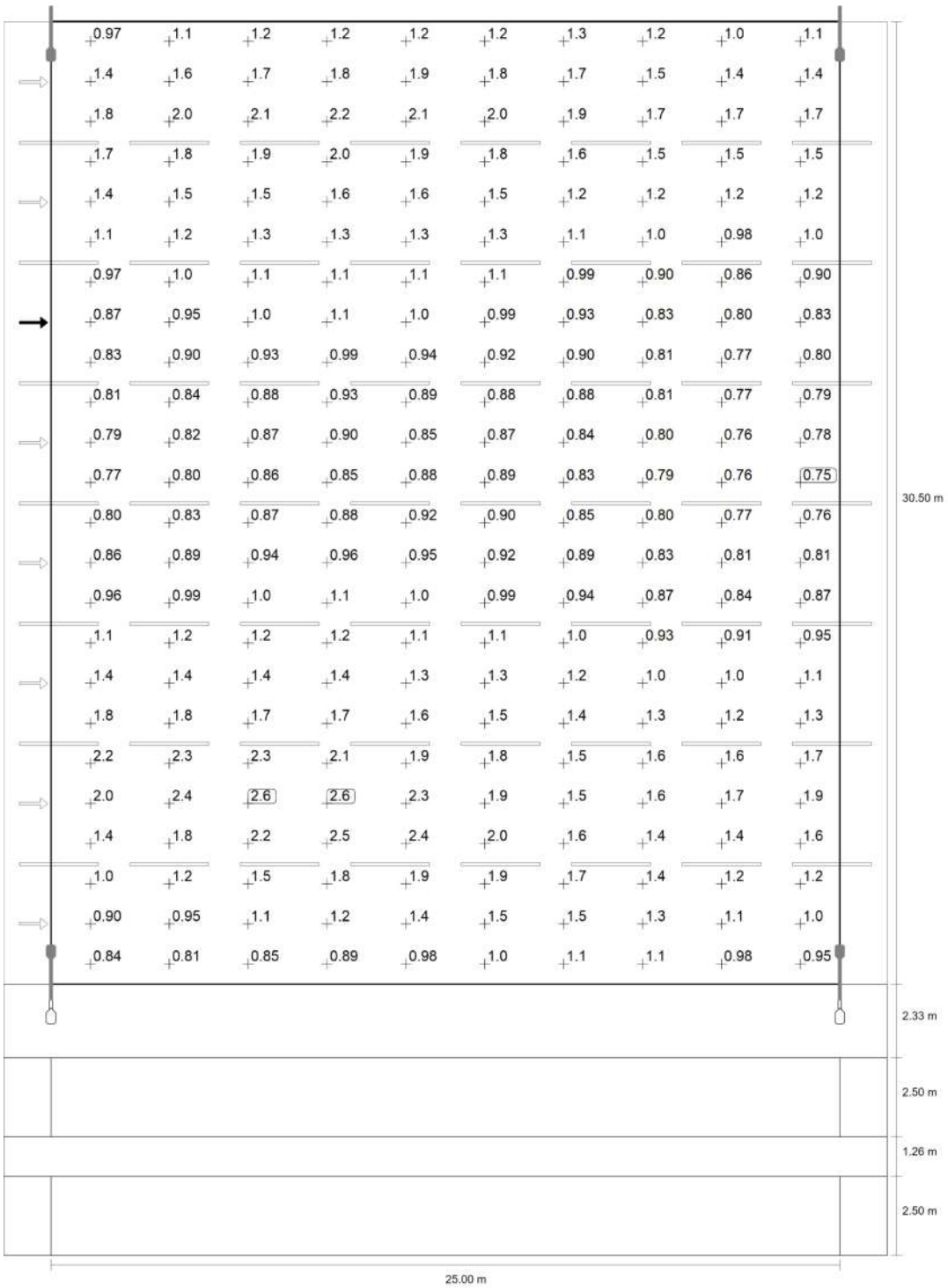
Taikos pr. praplatėjimas ties Kauno g. (M3)



Observer 6: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas ties Kauno g.

Taikos pr. praplatėjimas ties Kauno g. (M3)



Observer 6: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

Taikos pr. praplatėjimas ties Kauno g.

Taikos pr. praplatėjimas ties Kauno g. (M3)

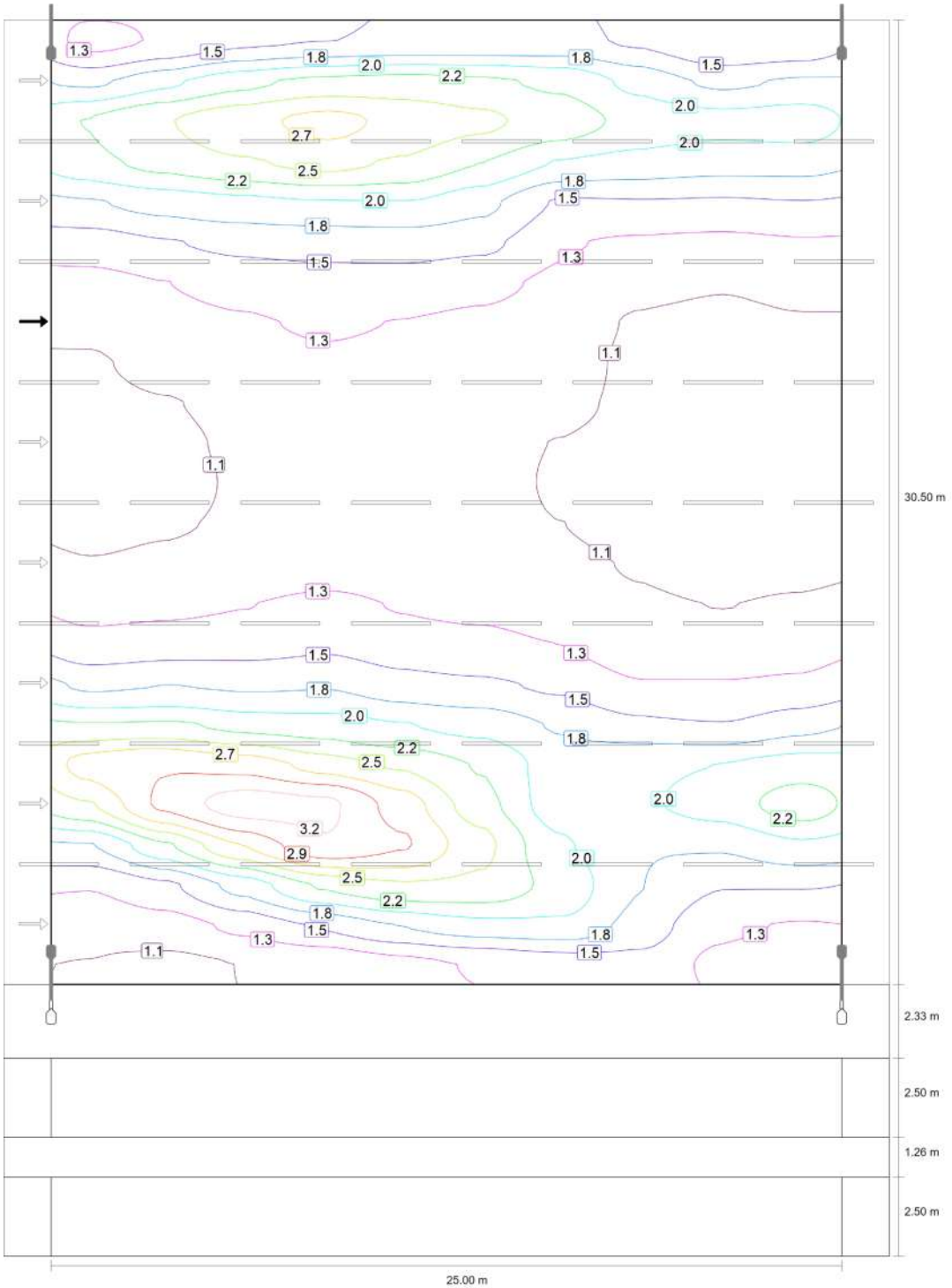
m	1.250	3.750	6.250	8.750	11.250	13.750	16.250	18.750	21.250	23.750
38.455	0.97	1.06	1.18	1.22	1.24	1.25	1.26	1.19	1.04	1.06
37.184	1.37	1.55	1.73	1.84	1.85	1.82	1.74	1.53	1.37	1.44
35.913	1.79	1.96	2.10	2.21	2.10	2.01	1.89	1.72	1.65	1.69
34.642	1.72	1.85	1.95	2.03	1.94	1.78	1.58	1.52	1.48	1.48
33.371	1.39	1.48	1.54	1.59	1.59	1.46	1.20	1.21	1.20	1.22
32.100	1.13	1.21	1.27	1.28	1.30	1.26	1.06	1.01	0.98	1.02
30.830	0.97	1.03	1.11	1.14	1.13	1.09	0.99	0.90	0.86	0.90
29.559	0.87	0.95	1.01	1.06	1.03	0.99	0.93	0.83	0.80	0.83
28.288	0.83	0.90	0.93	0.99	0.94	0.92	0.90	0.81	0.77	0.80
27.017	0.81	0.84	0.88	0.93	0.89	0.88	0.88	0.81	0.77	0.79
25.746	0.79	0.82	0.87	0.90	0.85	0.87	0.84	0.80	0.76	0.78
24.475	0.77	0.80	0.86	0.85	0.88	0.89	0.83	0.79	0.76	0.75
23.205	0.80	0.83	0.87	0.88	0.92	0.90	0.85	0.80	0.77	0.76
21.934	0.86	0.89	0.94	0.96	0.95	0.92	0.89	0.83	0.81	0.81
20.663	0.96	0.99	1.03	1.07	1.02	0.99	0.94	0.87	0.84	0.87
19.392	1.12	1.15	1.16	1.19	1.12	1.09	1.03	0.93	0.91	0.95
18.121	1.37	1.40	1.38	1.39	1.30	1.25	1.18	1.05	1.05	1.07
16.850	1.79	1.81	1.72	1.69	1.60	1.53	1.38	1.27	1.23	1.35
15.580	2.22	2.33	2.27	2.07	1.94	1.77	1.50	1.55	1.60	1.68
14.309	1.95	2.40	2.62	2.57	2.26	1.86	1.49	1.57	1.68	1.88
13.038	1.40	1.76	2.17	2.50	2.36	2.02	1.63	1.42	1.43	1.56
11.767	1.05	1.19	1.49	1.81	1.94	1.91	1.72	1.41	1.23	1.23
10.496	0.90	0.95	1.09	1.25	1.42	1.53	1.54	1.33	1.08	1.02
9.225	0.84	0.81	0.85	0.89	0.98	1.05	1.12	1.15	0.98	0.95

Observer 6: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 6: Maintenance value, luminance with dry roadway	1.26 cd/m²	0.75 cd/m²	2.62 cd/m²	0.60	0.29

Taikos pr. praplatėjimas ties Kauno g.

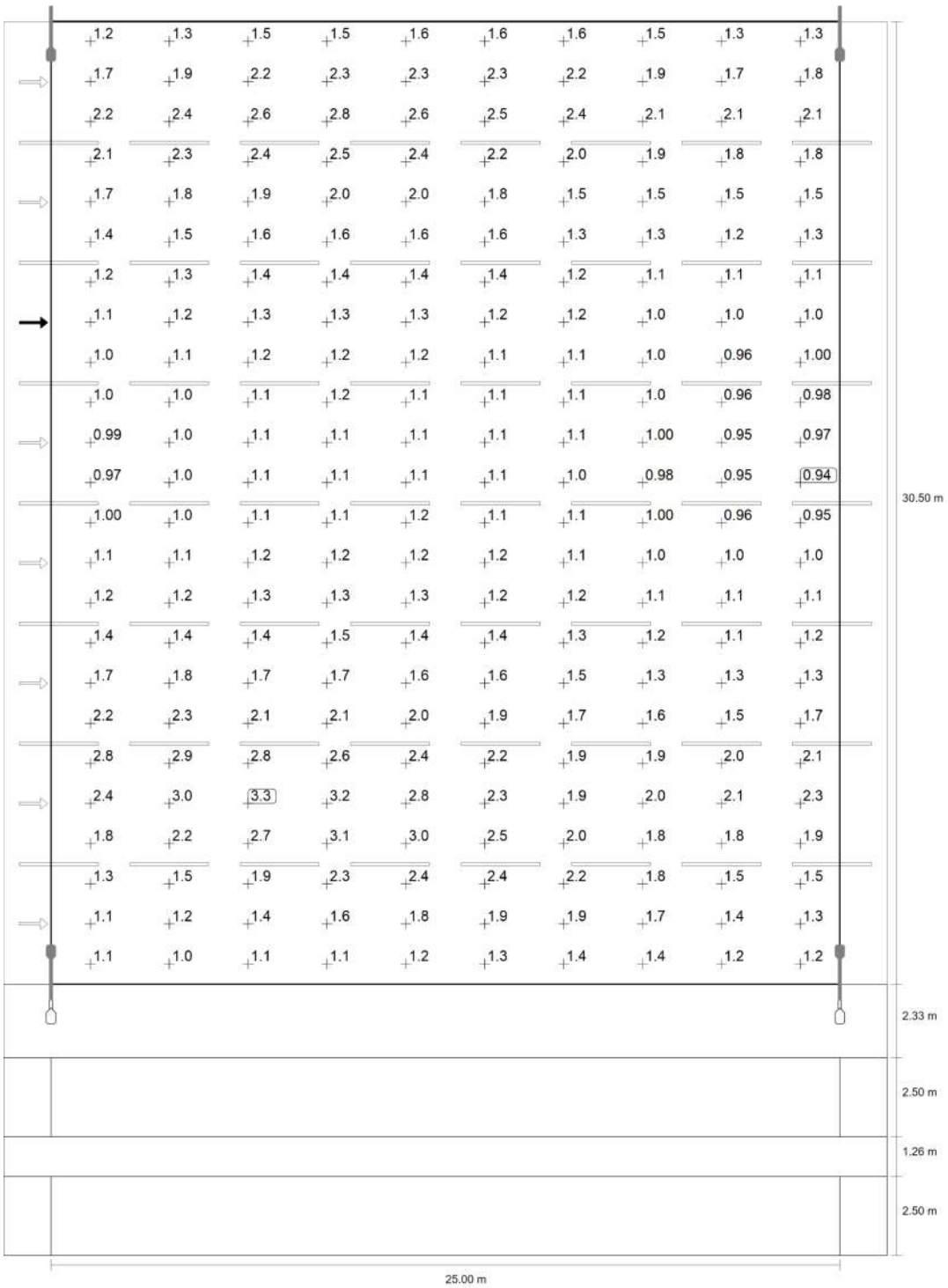
Taikos pr. praplatėjimas ties Kauno g. (M3)



Observer 6: Luminance with new installation [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas ties Kauno g.

Taikos pr. praplatėjimas ties Kauno g. (M3)



Observer 6: Luminance with new installation [cd/m²] (Value grid)

Taikos pr. praplatėjimas ties Kauno g.

Taikos pr. praplatėjimas ties Kauno g. (M3)

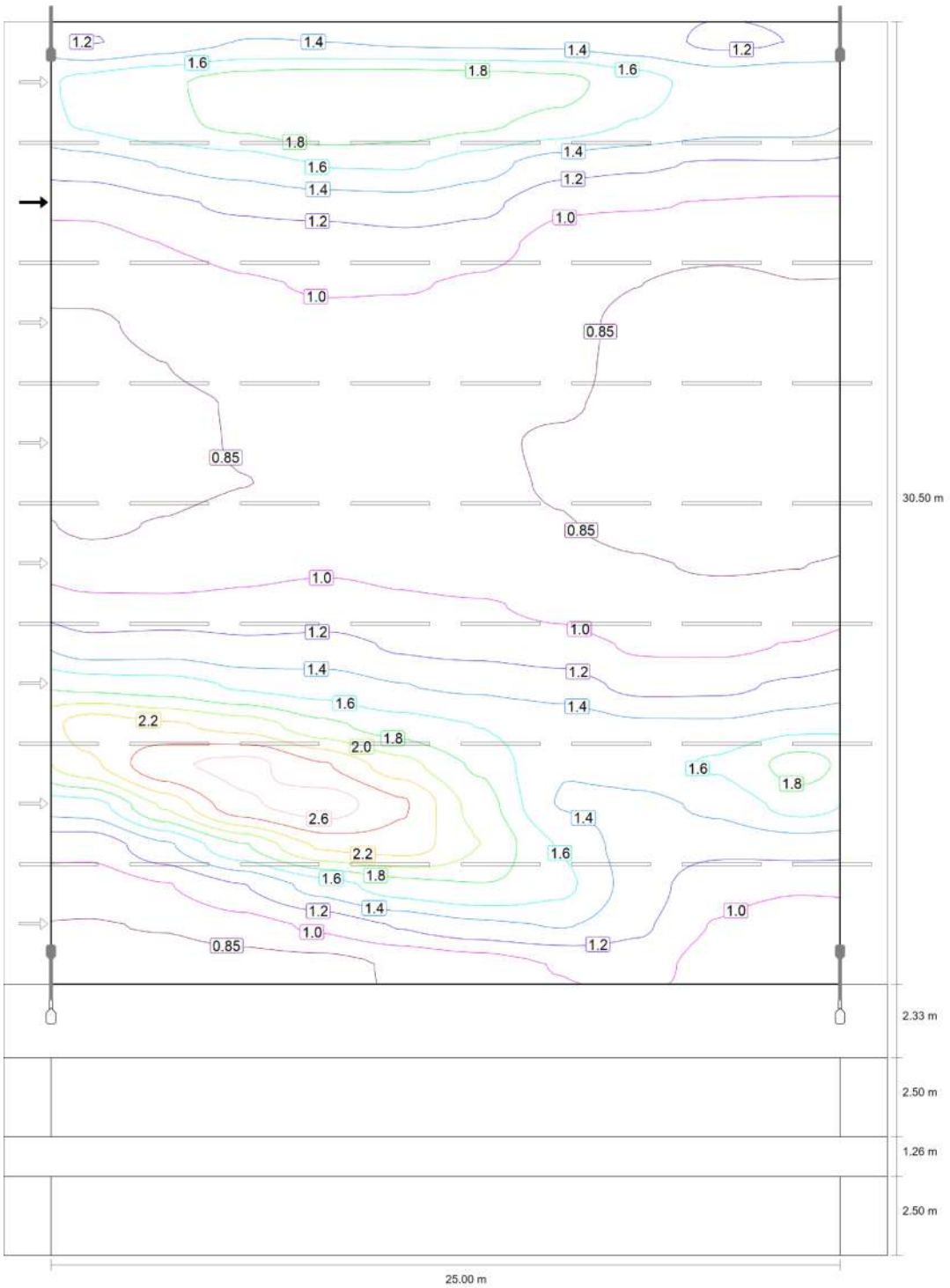
m	1.250	3.750	6.250	8.750	11.250	13.750	16.250	18.750	21.250	23.750
38.455	1.22	1.32	1.48	1.52	1.55	1.56	1.58	1.49	1.30	1.33
37.184	1.71	1.94	2.16	2.29	2.32	2.27	2.18	1.92	1.71	1.79
35.913	2.24	2.45	2.62	2.76	2.63	2.51	2.36	2.15	2.07	2.11
34.642	2.15	2.31	2.44	2.54	2.43	2.23	1.98	1.90	1.85	1.85
33.371	1.74	1.85	1.93	1.99	1.99	1.82	1.50	1.51	1.50	1.52
32.100	1.41	1.51	1.58	1.60	1.62	1.58	1.32	1.26	1.23	1.27
30.830	1.21	1.29	1.38	1.43	1.42	1.36	1.24	1.13	1.07	1.12
29.559	1.09	1.19	1.26	1.33	1.28	1.24	1.17	1.03	1.00	1.04
28.288	1.04	1.12	1.16	1.23	1.17	1.15	1.13	1.01	0.96	1.00
27.017	1.01	1.05	1.10	1.16	1.12	1.10	1.10	1.01	0.96	0.98
25.746	0.99	1.02	1.09	1.12	1.07	1.09	1.05	1.00	0.95	0.97
24.475	0.97	1.00	1.08	1.07	1.10	1.11	1.04	0.98	0.95	0.94
23.205	1.00	1.03	1.09	1.10	1.15	1.12	1.06	1.00	0.96	0.95
21.934	1.08	1.12	1.18	1.20	1.18	1.16	1.11	1.04	1.01	1.01
20.663	1.21	1.23	1.28	1.34	1.28	1.24	1.18	1.09	1.05	1.08
19.392	1.40	1.44	1.45	1.49	1.40	1.36	1.29	1.16	1.14	1.19
18.121	1.71	1.76	1.72	1.74	1.63	1.57	1.48	1.31	1.31	1.34
16.850	2.24	2.26	2.15	2.11	2.00	1.92	1.73	1.59	1.54	1.68
15.580	2.78	2.91	2.84	2.59	2.43	2.21	1.87	1.94	1.99	2.10
14.309	2.44	3.00	3.28	3.21	2.82	2.33	1.86	1.96	2.10	2.35
13.038	1.75	2.21	2.72	3.13	2.95	2.53	2.04	1.78	1.79	1.95
11.767	1.31	1.49	1.86	2.27	2.43	2.38	2.15	1.76	1.53	1.54
10.496	1.12	1.18	1.36	1.56	1.77	1.91	1.93	1.67	1.35	1.28
9.225	1.05	1.01	1.06	1.11	1.22	1.31	1.40	1.43	1.23	1.19

Observer 6: Luminance with new installation [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 6: Luminance with new installation	1.57 cd/m²	0.94 cd/m²	3.28 cd/m²	0.60	0.29

Taikos pr. praplatėjimas ties Kauno g.

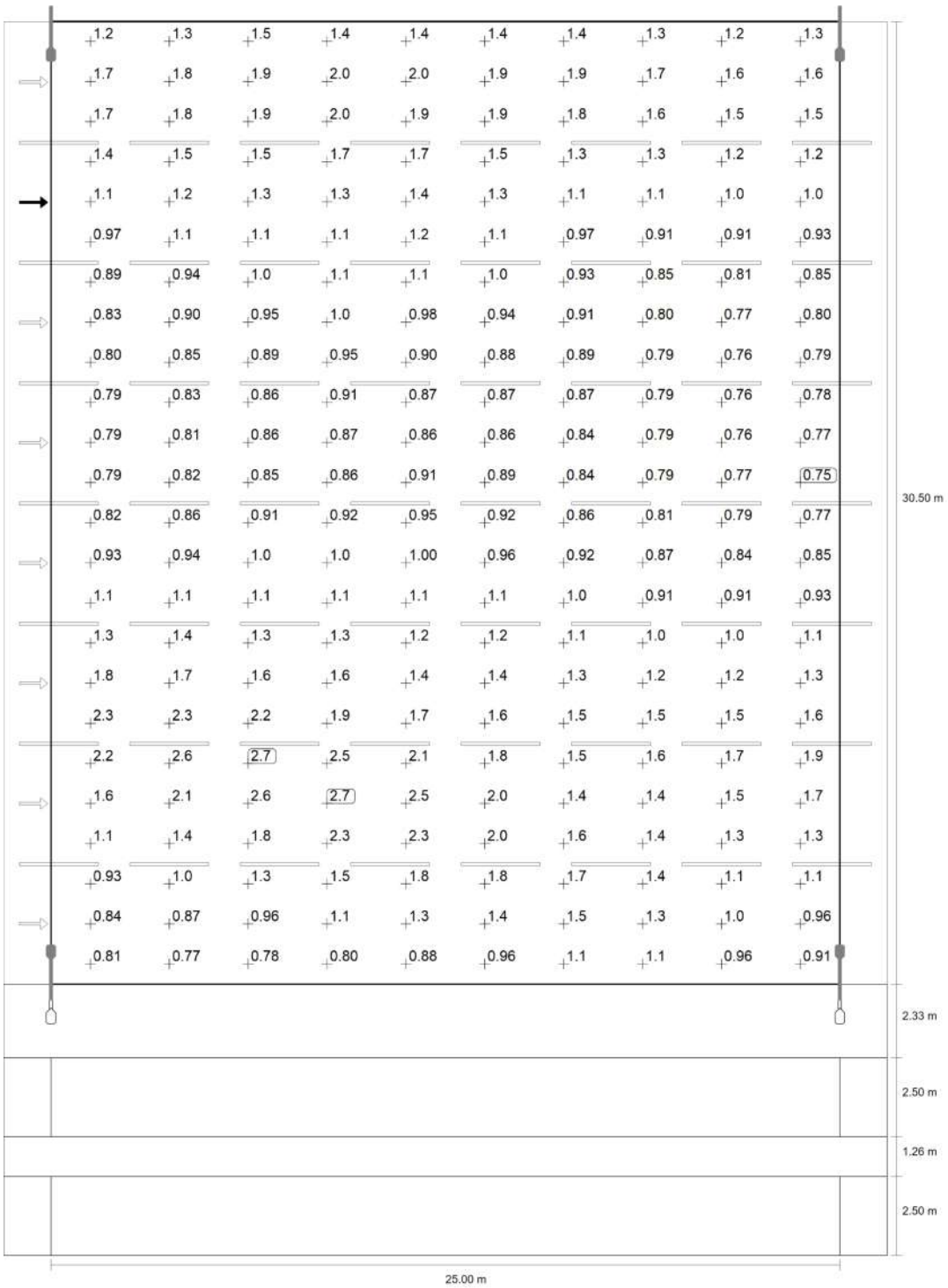
Taikos pr. praplatėjimas ties Kauno g. (M3)



Observer 7: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas ties Kauno g.

Taikos pr. praplatėjimas ties Kauno g. (M3)



Observer 7: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

Taikos pr. praplatėjimas ties Kauno g.

Taikos pr. praplatėjimas ties Kauno g. (M3)

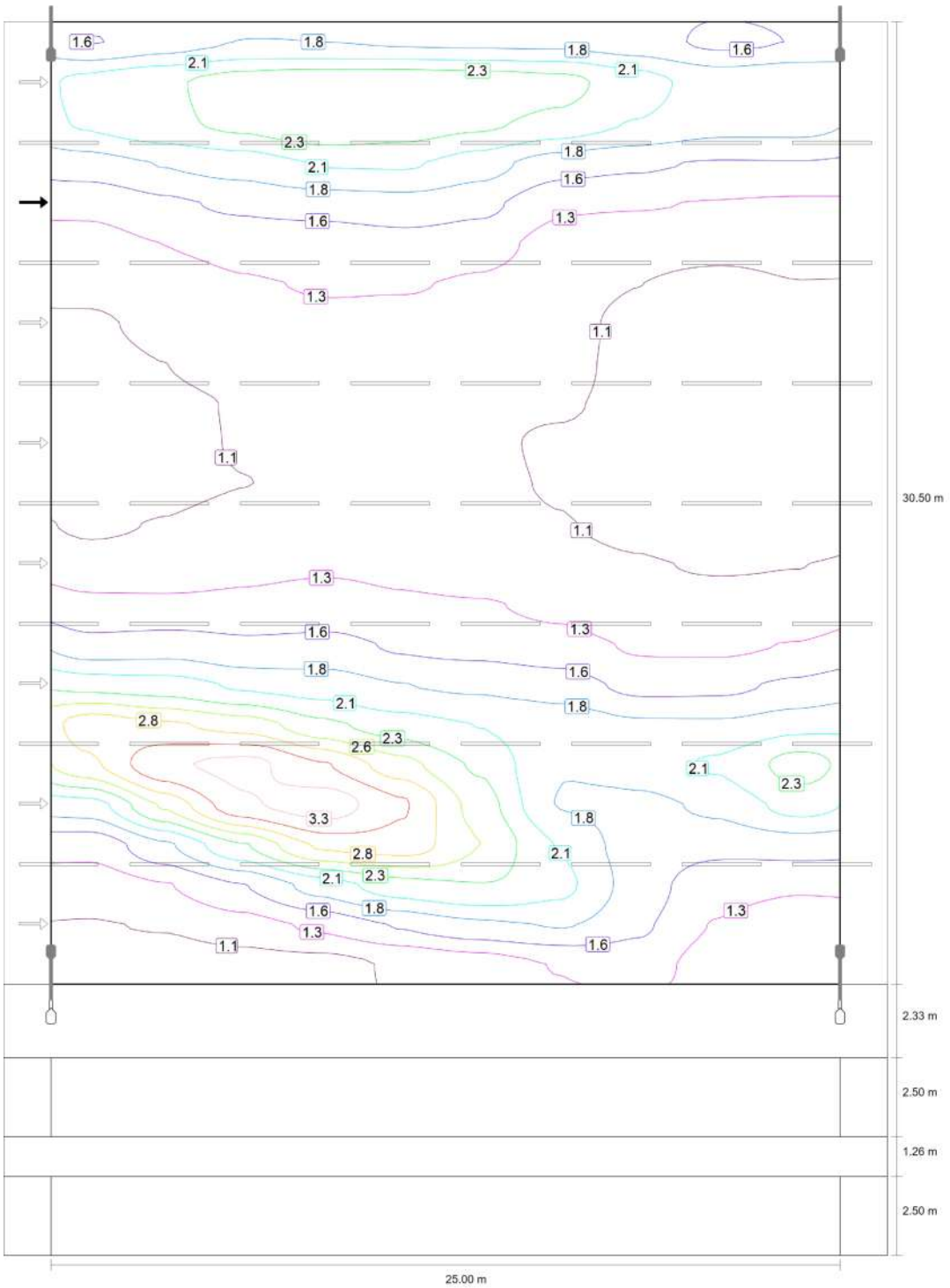
m	1.250	3.750	6.250	8.750	11.250	13.750	16.250	18.750	21.250	23.750
38.455	1.24	1.35	1.45	1.45	1.42	1.41	1.40	1.33	1.20	1.25
37.184	1.70	1.81	1.92	1.98	1.97	1.94	1.90	1.72	1.56	1.62
35.913	1.67	1.79	1.90	2.01	1.95	1.88	1.78	1.63	1.52	1.52
34.642	1.35	1.46	1.53	1.66	1.67	1.53	1.34	1.28	1.23	1.24
33.371	1.10	1.21	1.29	1.33	1.37	1.30	1.08	1.07	1.04	1.02
32.100	0.97	1.05	1.11	1.13	1.17	1.13	0.97	0.91	0.91	0.93
30.830	0.89	0.94	1.03	1.06	1.06	1.02	0.93	0.85	0.81	0.85
29.559	0.83	0.90	0.95	1.01	0.98	0.94	0.91	0.80	0.77	0.80
28.288	0.80	0.85	0.89	0.95	0.90	0.88	0.89	0.79	0.76	0.79
27.017	0.79	0.83	0.86	0.91	0.87	0.87	0.87	0.79	0.76	0.78
25.746	0.79	0.81	0.86	0.87	0.86	0.86	0.84	0.79	0.76	0.77
24.475	0.79	0.82	0.85	0.86	0.91	0.89	0.84	0.79	0.77	0.75
23.205	0.82	0.86	0.91	0.92	0.95	0.92	0.86	0.81	0.79	0.77
21.934	0.93	0.94	1.00	1.02	1.00	0.96	0.92	0.87	0.84	0.85
20.663	1.11	1.10	1.11	1.15	1.09	1.06	1.01	0.91	0.91	0.93
19.392	1.33	1.36	1.30	1.31	1.22	1.17	1.13	1.03	1.02	1.06
18.121	1.77	1.74	1.61	1.56	1.45	1.41	1.35	1.18	1.20	1.29
16.850	2.32	2.27	2.15	1.89	1.75	1.64	1.54	1.47	1.48	1.58
15.580	2.18	2.60	2.68	2.45	2.12	1.81	1.46	1.55	1.67	1.91
14.309	1.56	2.08	2.60	2.73	2.45	1.95	1.43	1.40	1.49	1.72
13.038	1.12	1.42	1.84	2.28	2.33	2.03	1.63	1.36	1.30	1.34
11.767	0.93	1.04	1.25	1.54	1.75	1.83	1.69	1.36	1.13	1.07
10.496	0.84	0.87	0.96	1.09	1.27	1.40	1.46	1.29	1.03	0.96
9.225	0.81	0.77	0.78	0.80	0.88	0.96	1.06	1.11	0.96	0.91

Observer 7: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 7: Maintenance value, luminance with dry roadway	1.25 cd/m²	0.75 cd/m²	2.73 cd/m²	0.60	0.28

Taikos pr. praplatėjimas ties Kauno g.

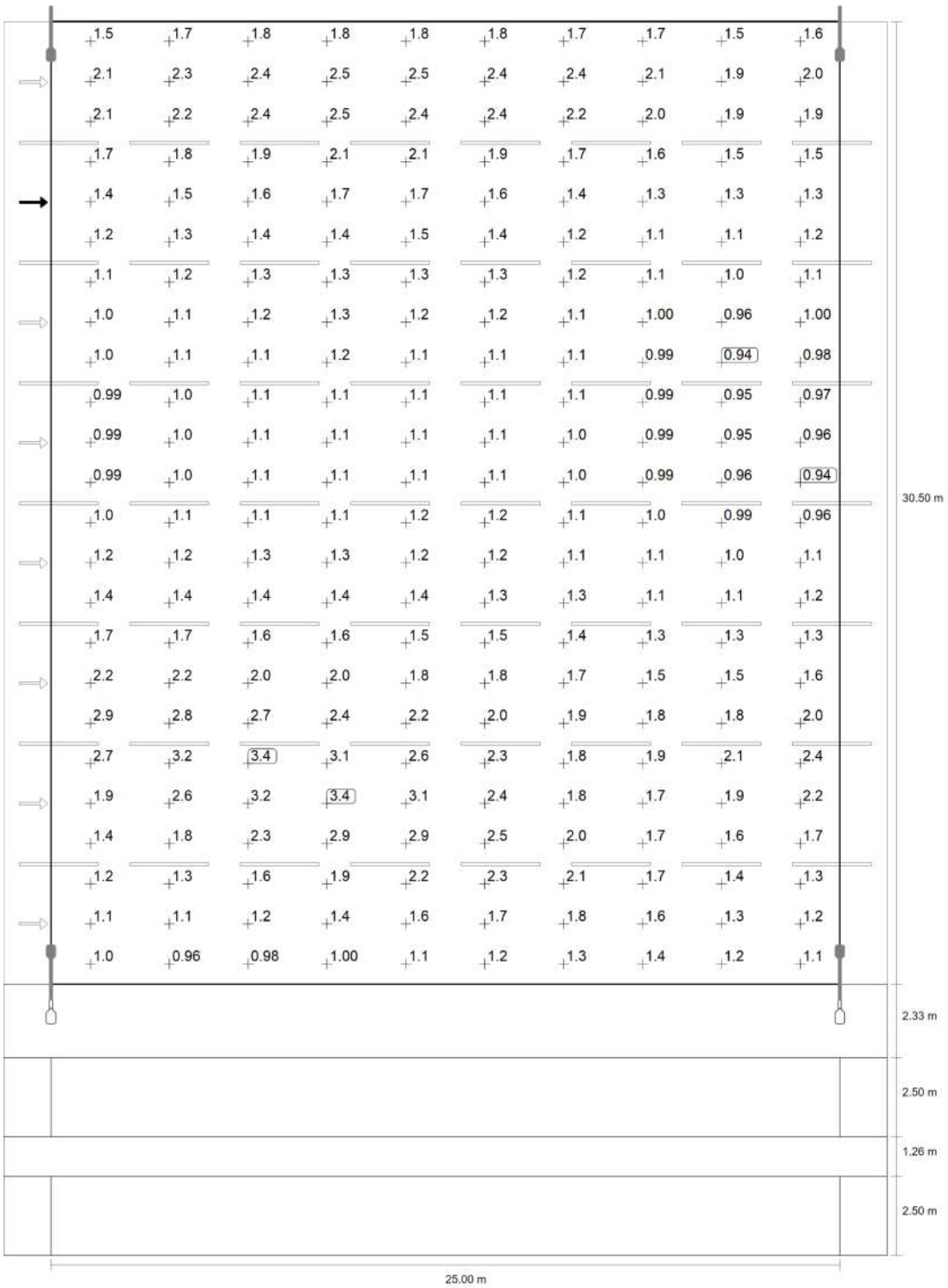
Taikos pr. praplatėjimas ties Kauno g. (M3)



Observer 7: Luminance with new installation [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas ties Kauno g.

Taikos pr. praplatėjimas ties Kauno g. (M3)



Observer 7: Luminance with new installation [cd/m²] (Value grid)

Taikos pr. praplatėjimas ties Kauno g.

Taikos pr. praplatėjimas ties Kauno g. (M3)

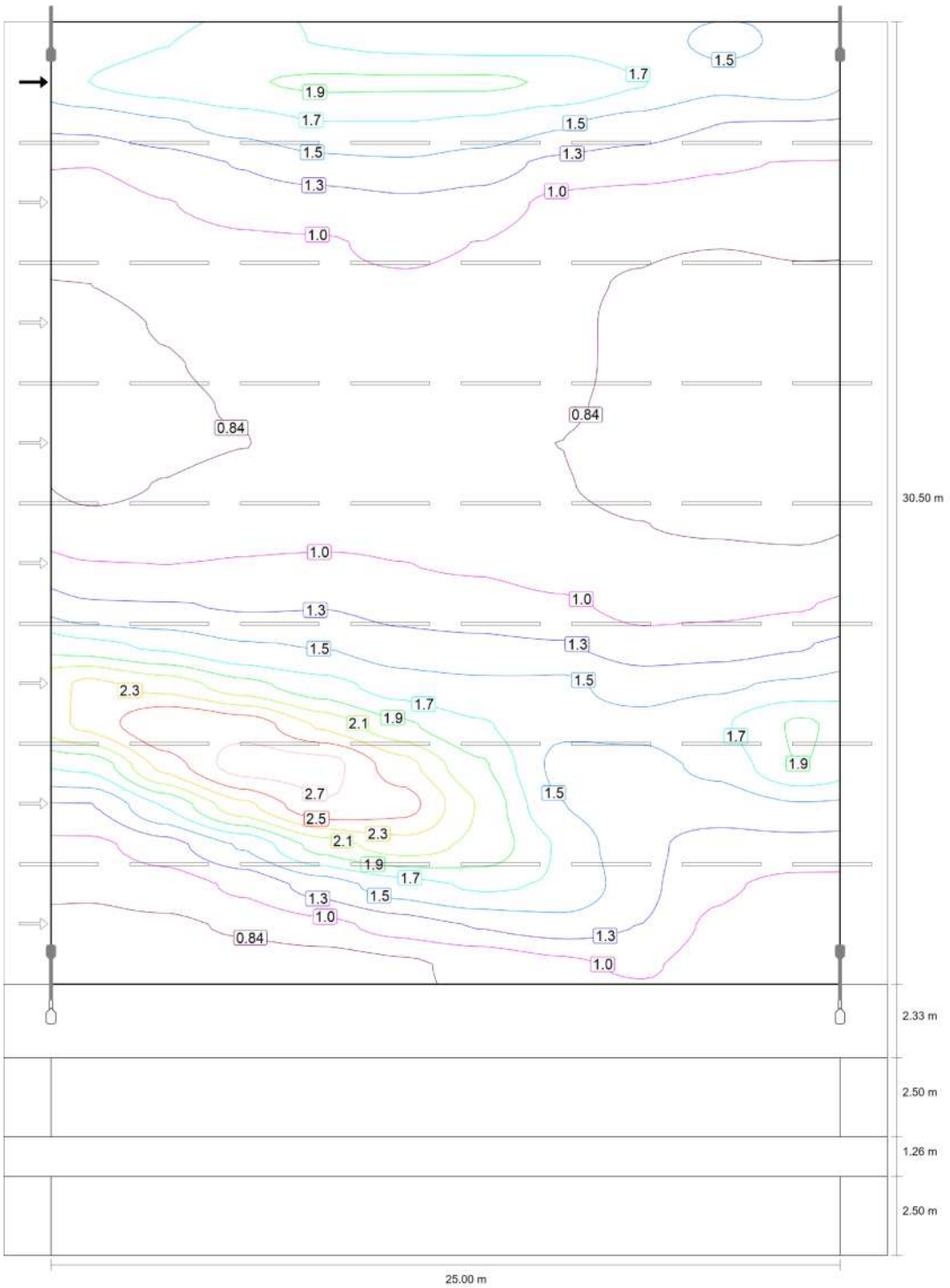
m	1.250	3.750	6.250	8.750	11.250	13.750	16.250	18.750	21.250	23.750
38.455	1.55	1.69	1.82	1.81	1.78	1.76	1.75	1.67	1.50	1.57
37.184	2.13	2.27	2.41	2.47	2.46	2.43	2.37	2.15	1.95	2.03
35.913	2.09	2.24	2.38	2.52	2.44	2.35	2.22	2.04	1.90	1.90
34.642	1.69	1.82	1.91	2.07	2.08	1.91	1.67	1.60	1.54	1.55
33.371	1.37	1.51	1.61	1.66	1.71	1.62	1.35	1.33	1.30	1.28
32.100	1.21	1.32	1.39	1.41	1.46	1.41	1.21	1.14	1.14	1.16
30.830	1.11	1.18	1.29	1.33	1.33	1.27	1.17	1.07	1.01	1.06
29.559	1.04	1.12	1.19	1.26	1.23	1.17	1.13	1.00	0.96	1.00
28.288	1.00	1.07	1.11	1.19	1.13	1.10	1.11	0.99	0.94	0.98
27.017	0.99	1.04	1.07	1.14	1.08	1.09	1.08	0.99	0.95	0.97
25.746	0.99	1.02	1.08	1.09	1.07	1.08	1.05	0.99	0.95	0.96
24.475	0.99	1.02	1.06	1.08	1.14	1.11	1.05	0.99	0.96	0.94
23.205	1.03	1.08	1.14	1.15	1.19	1.15	1.08	1.01	0.99	0.96
21.934	1.17	1.18	1.25	1.28	1.24	1.20	1.15	1.08	1.05	1.06
20.663	1.39	1.38	1.38	1.44	1.36	1.33	1.26	1.14	1.14	1.16
19.392	1.66	1.70	1.62	1.63	1.52	1.47	1.41	1.28	1.27	1.32
18.121	2.21	2.17	2.01	1.95	1.81	1.76	1.68	1.48	1.50	1.61
16.850	2.89	2.83	2.69	2.37	2.18	2.05	1.92	1.84	1.85	1.98
15.580	2.73	3.24	3.35	3.06	2.65	2.26	1.82	1.94	2.09	2.39
14.309	1.95	2.60	3.24	3.42	3.07	2.44	1.79	1.75	1.87	2.15
13.038	1.40	1.78	2.30	2.85	2.91	2.54	2.04	1.70	1.62	1.67
11.767	1.17	1.30	1.56	1.92	2.19	2.29	2.12	1.70	1.41	1.34
10.496	1.05	1.08	1.20	1.37	1.59	1.75	1.83	1.61	1.29	1.20
9.225	1.01	0.96	0.98	1.00	1.10	1.20	1.32	1.39	1.20	1.14

Observer 7: Luminance with new installation [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 7: Luminance with new installation	1.56 cd/m²	0.94 cd/m²	3.42 cd/m²	0.60	0.28

Taikos pr. praplatėjimas ties Kauno g.

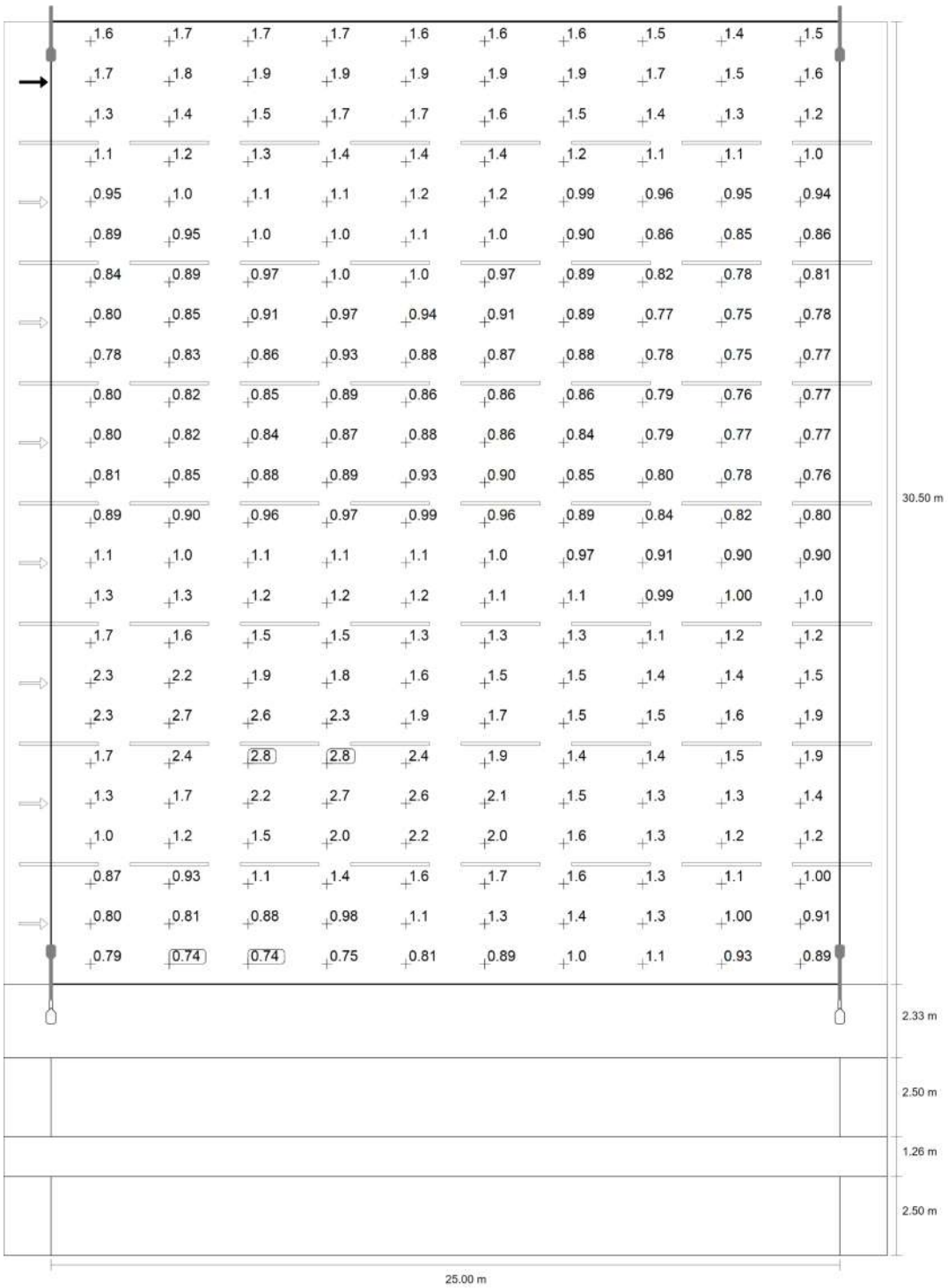
Taikos pr. praplatėjimas ties Kauno g. (M3)



Observer 8: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas ties Kauno g.

Taikos pr. praplatėjimas ties Kauno g. (M3)



Observer 8: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

Taikos pr. praplatėjimas ties Kauno g.

Taikos pr. praplatėjimas ties Kauno g. (M3)

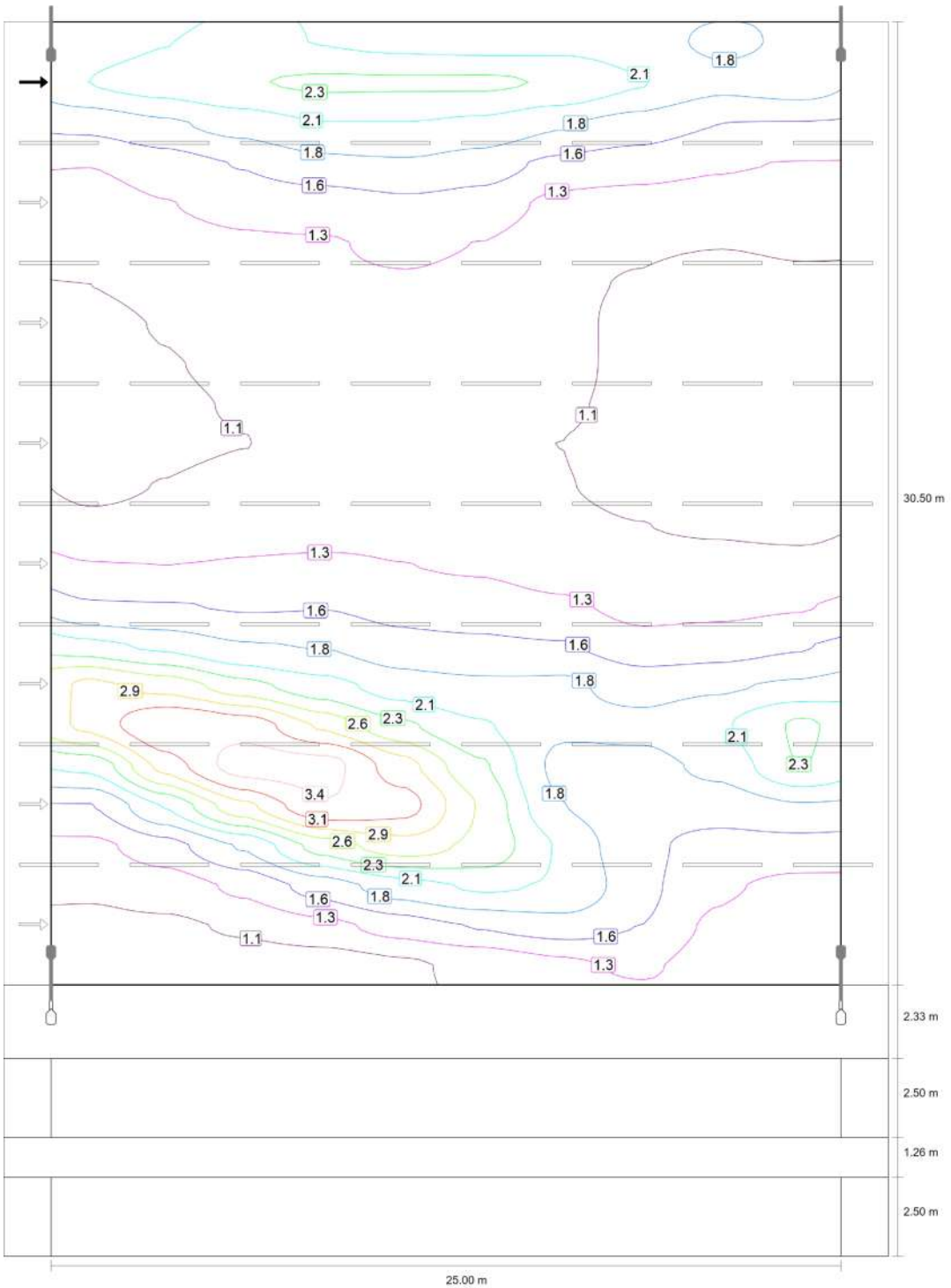
m	1.250	3.750	6.250	8.750	11.250	13.750	16.250	18.750	21.250	23.750
38.455	1.58	1.67	1.72	1.66	1.61	1.58	1.60	1.54	1.42	1.50
37.184	1.67	1.76	1.86	1.91	1.90	1.91	1.86	1.68	1.51	1.57
35.913	1.31	1.43	1.55	1.67	1.67	1.62	1.48	1.37	1.26	1.25
34.642	1.05	1.16	1.27	1.40	1.43	1.35	1.20	1.14	1.07	1.04
33.371	0.95	1.04	1.12	1.14	1.21	1.16	0.99	0.96	0.95	0.94
32.100	0.89	0.95	1.02	1.03	1.09	1.04	0.90	0.86	0.85	0.86
30.830	0.84	0.89	0.97	1.01	1.02	0.97	0.89	0.82	0.78	0.81
29.559	0.80	0.85	0.91	0.97	0.94	0.91	0.89	0.77	0.75	0.78
28.288	0.78	0.83	0.86	0.93	0.88	0.87	0.88	0.78	0.75	0.77
27.017	0.80	0.82	0.85	0.89	0.86	0.86	0.86	0.79	0.76	0.77
25.746	0.80	0.82	0.84	0.87	0.88	0.86	0.84	0.79	0.77	0.77
24.475	0.81	0.85	0.88	0.89	0.93	0.90	0.85	0.80	0.78	0.76
23.205	0.89	0.90	0.96	0.97	0.99	0.96	0.89	0.84	0.82	0.80
21.934	1.06	1.05	1.07	1.09	1.05	1.03	0.97	0.91	0.90	0.90
20.663	1.28	1.27	1.24	1.25	1.18	1.14	1.08	0.99	1.00	1.03
19.392	1.73	1.62	1.48	1.45	1.34	1.31	1.27	1.13	1.17	1.24
18.121	2.32	2.21	1.95	1.75	1.58	1.51	1.49	1.38	1.42	1.50
16.850	2.35	2.68	2.61	2.25	1.92	1.69	1.51	1.51	1.64	1.90
15.580	1.72	2.38	2.81	2.77	2.37	1.90	1.41	1.40	1.52	1.88
14.309	1.25	1.69	2.25	2.68	2.57	2.06	1.47	1.34	1.34	1.45
13.038	1.00	1.18	1.49	1.97	2.19	2.03	1.65	1.32	1.18	1.17
11.767	0.87	0.93	1.10	1.35	1.57	1.70	1.65	1.33	1.09	1.00
10.496	0.80	0.81	0.88	0.98	1.14	1.27	1.36	1.25	1.00	0.91
9.225	0.79	0.74	0.74	0.75	0.81	0.89	1.00	1.07	0.93	0.89

Observer 8: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 8: Maintenance value, luminance with dry roadway	1.24 cd/m²	0.74 cd/m²	2.81 cd/m²	0.60	0.26

Taikos pr. praplatėjimas ties Kauno g.

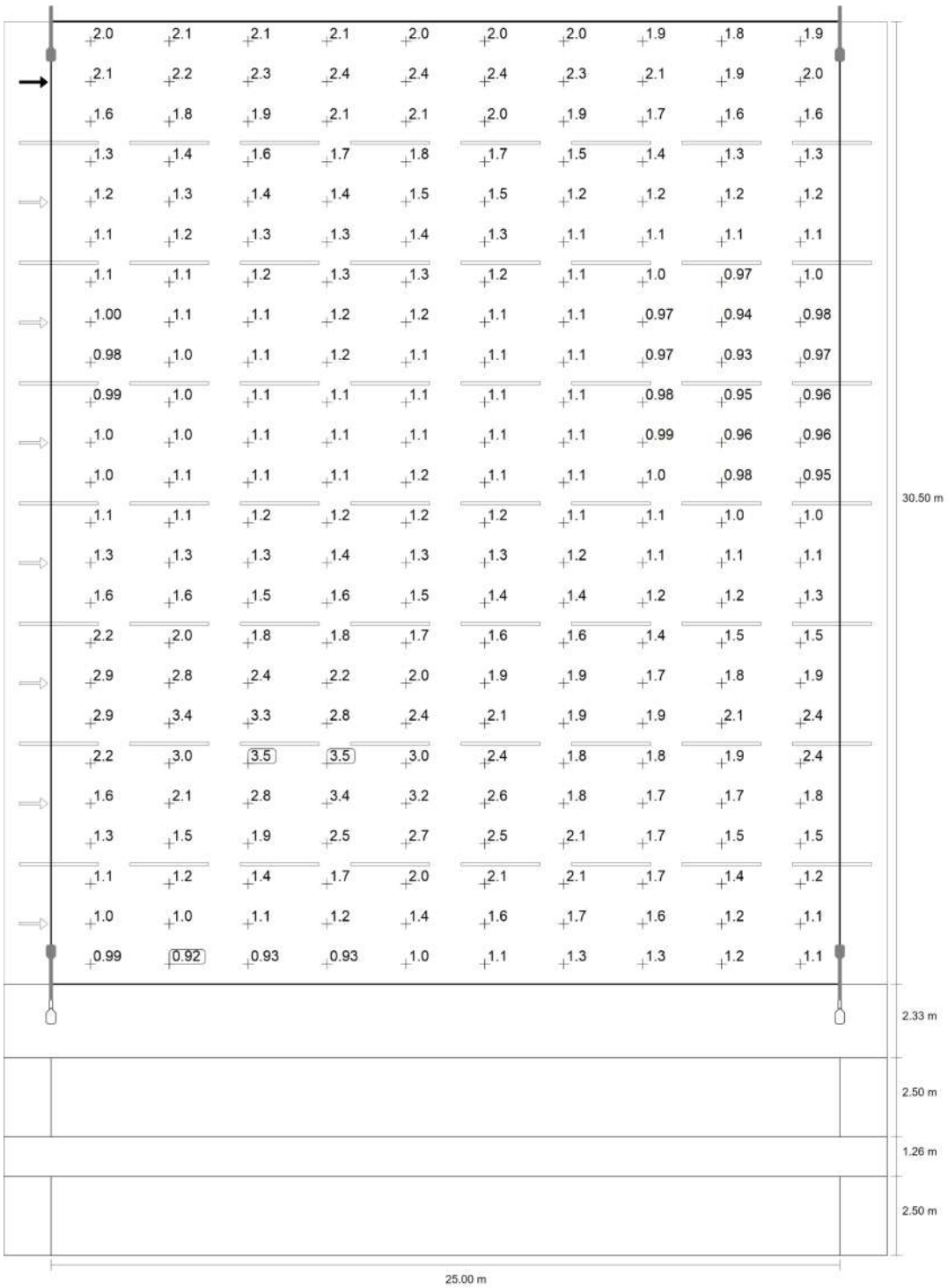
Taikos pr. praplatėjimas ties Kauno g. (M3)



Observer 8: Luminance with new installation [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas ties Kauno g.

Taikos pr. praplatėjimas ties Kauno g. (M3)



Observer 8: Luminance with new installation [cd/m²] (Value grid)

Taikos pr. praplatėjimas ties Kauno g.

Taikos pr. praplatėjimas ties Kauno g. (M3)

m	1.250	3.750	6.250	8.750	11.250	13.750	16.250	18.750	21.250	23.750
38.455	1.98	2.08	2.15	2.08	2.01	1.98	2.00	1.93	1.78	1.87
37.184	2.09	2.20	2.33	2.38	2.38	2.38	2.32	2.10	1.89	1.97
35.913	1.64	1.79	1.93	2.08	2.08	2.02	1.86	1.71	1.57	1.56
34.642	1.32	1.45	1.59	1.74	1.79	1.69	1.50	1.42	1.34	1.30
33.371	1.18	1.30	1.40	1.43	1.51	1.45	1.23	1.20	1.18	1.17
32.100	1.11	1.19	1.27	1.29	1.37	1.31	1.13	1.08	1.06	1.08
30.830	1.05	1.11	1.21	1.26	1.27	1.21	1.11	1.03	0.97	1.01
29.559	1.00	1.07	1.13	1.21	1.18	1.13	1.12	0.97	0.94	0.98
28.288	0.98	1.04	1.08	1.16	1.10	1.09	1.10	0.97	0.93	0.97
27.017	0.99	1.03	1.06	1.11	1.07	1.07	1.07	0.98	0.95	0.96
25.746	1.00	1.03	1.05	1.09	1.10	1.08	1.05	0.99	0.96	0.96
24.475	1.01	1.06	1.10	1.11	1.17	1.13	1.06	1.01	0.98	0.95
23.205	1.11	1.13	1.20	1.21	1.24	1.20	1.11	1.06	1.02	1.00
21.934	1.32	1.31	1.34	1.36	1.31	1.29	1.21	1.13	1.13	1.12
20.663	1.61	1.58	1.55	1.56	1.47	1.43	1.36	1.24	1.25	1.29
19.392	2.17	2.03	1.85	1.82	1.68	1.63	1.59	1.41	1.46	1.55
18.121	2.91	2.76	2.43	2.19	1.97	1.89	1.87	1.73	1.78	1.88
16.850	2.94	3.35	3.27	2.81	2.40	2.12	1.89	1.89	2.05	2.38
15.580	2.16	2.97	3.51	3.46	2.97	2.38	1.76	1.76	1.90	2.35
14.309	1.57	2.12	2.81	3.36	3.22	2.58	1.83	1.67	1.68	1.81
13.038	1.25	1.48	1.87	2.47	2.73	2.54	2.06	1.65	1.48	1.47
11.767	1.09	1.16	1.37	1.69	1.97	2.13	2.06	1.66	1.36	1.25
10.496	1.01	1.01	1.10	1.23	1.43	1.59	1.70	1.57	1.24	1.14
9.225	0.99	0.92	0.93	0.93	1.01	1.11	1.25	1.34	1.17	1.11

Observer 8: Luminance with new installation [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 8: Luminance with new installation	1.55 cd/m²	0.92 cd/m²	3.51 cd/m²	0.60	0.26

Taikos pr. praplatėjimas ties Kauno g.

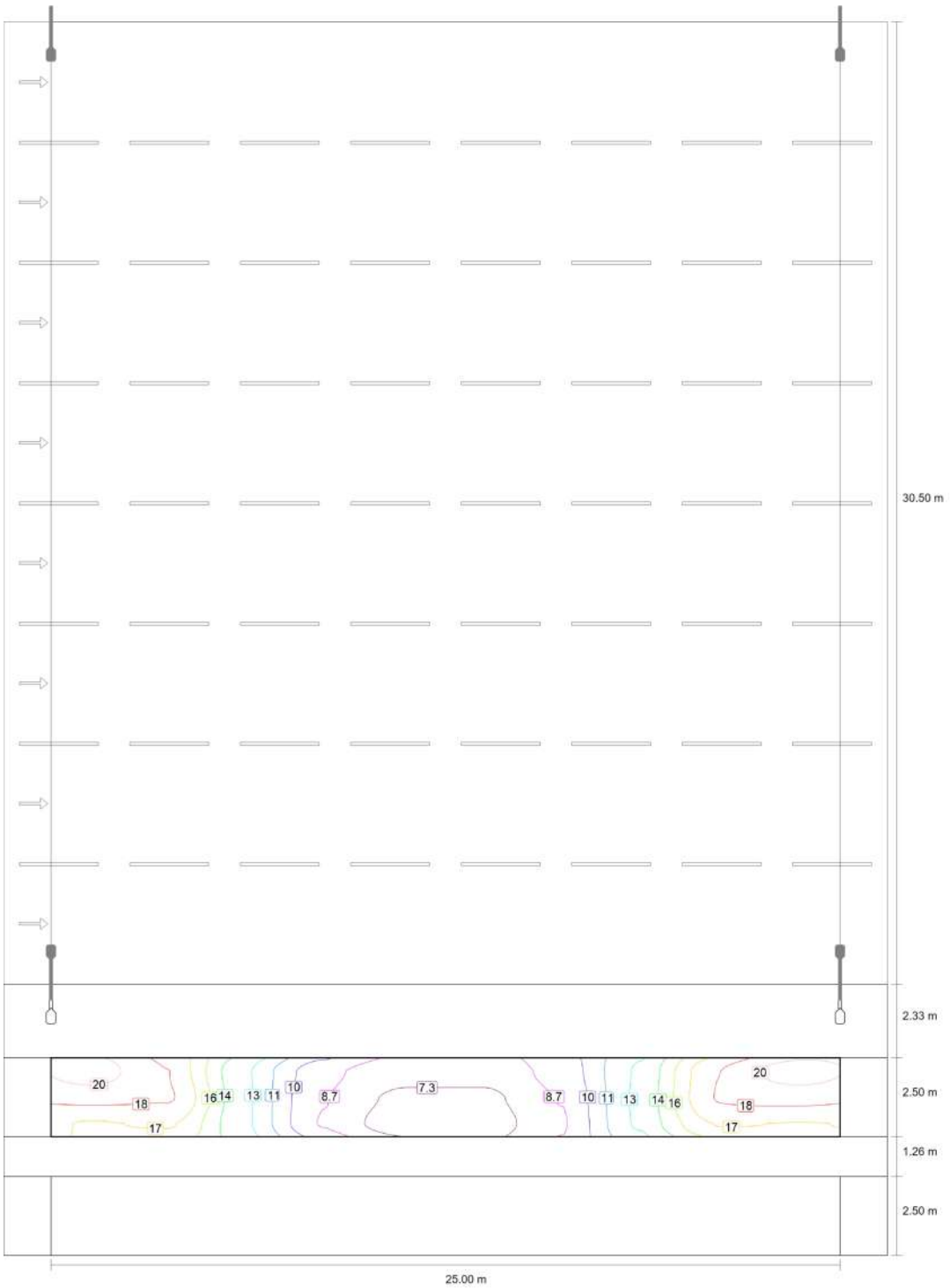
Bicycle lane (P3)

Results for valuation field

	Symbol	Calculated	Target	Check
Bicycle lane (P3)	E_{av}	13.12 lx	[7.50 - 11.25] lx	✓
	E_{min}	6.59 lx	≥ 1.50 lx	✓

Taikos pr. praplatėjimas ties Kauno g.

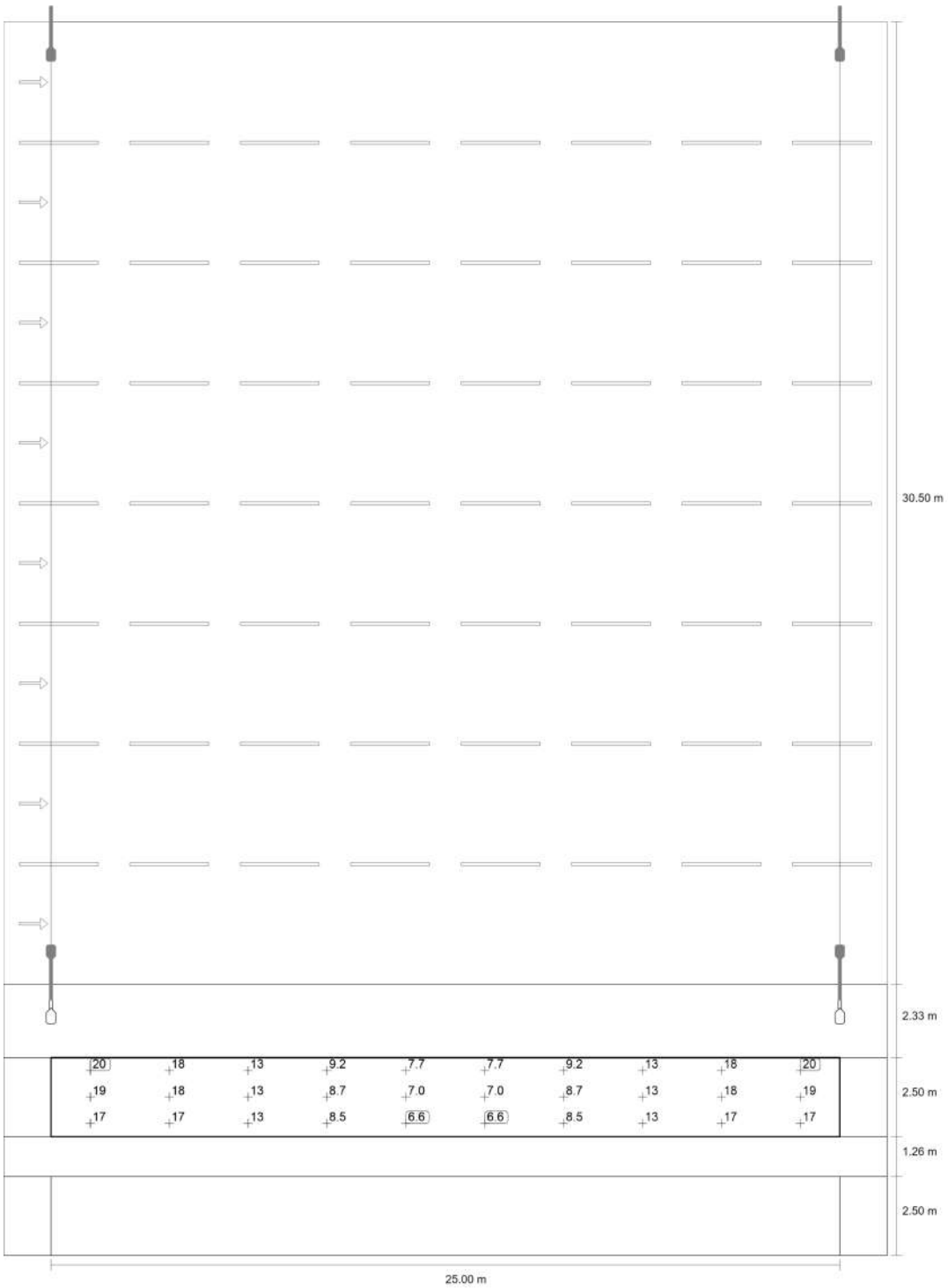
Bicycle lane (P3)



Maintenance value, horizontal illuminance [lx] (Iso-illuminance curves)

Taikos pr. praplatėjimas ties Kauno g.

Bicycle lane (P3)



Maintenance value, horizontal illuminance [lx] (Value grid)

Taikos pr. praplatėjimas ties Kauno g.

Bicycle lane (P3)

m	1.250	3.750	6.250	8.750	11.250	13.750	16.250	18.750	21.250	23.750
5.843	20.44	18.37	13.01	9.17	7.67	7.67	9.17	13.01	18.37	20.44
5.010	18.76	18.48	13.10	8.73	6.99	6.99	8.73	13.10	18.48	18.76
4.177	16.92	17.07	13.05	8.52	6.59	6.59	8.52	13.05	17.07	16.92

Maintenance value, horizontal illuminance [lx] (Value chart)

	E_{av}	E_{min}	E_{max}	U_o (g_1)	g_2
Maintenance value, horizontal illuminance	13.1 lx	6.59 lx	20.4 lx	0.50	0.32

Taikos pr. praplatėjimas ties Kauno g.

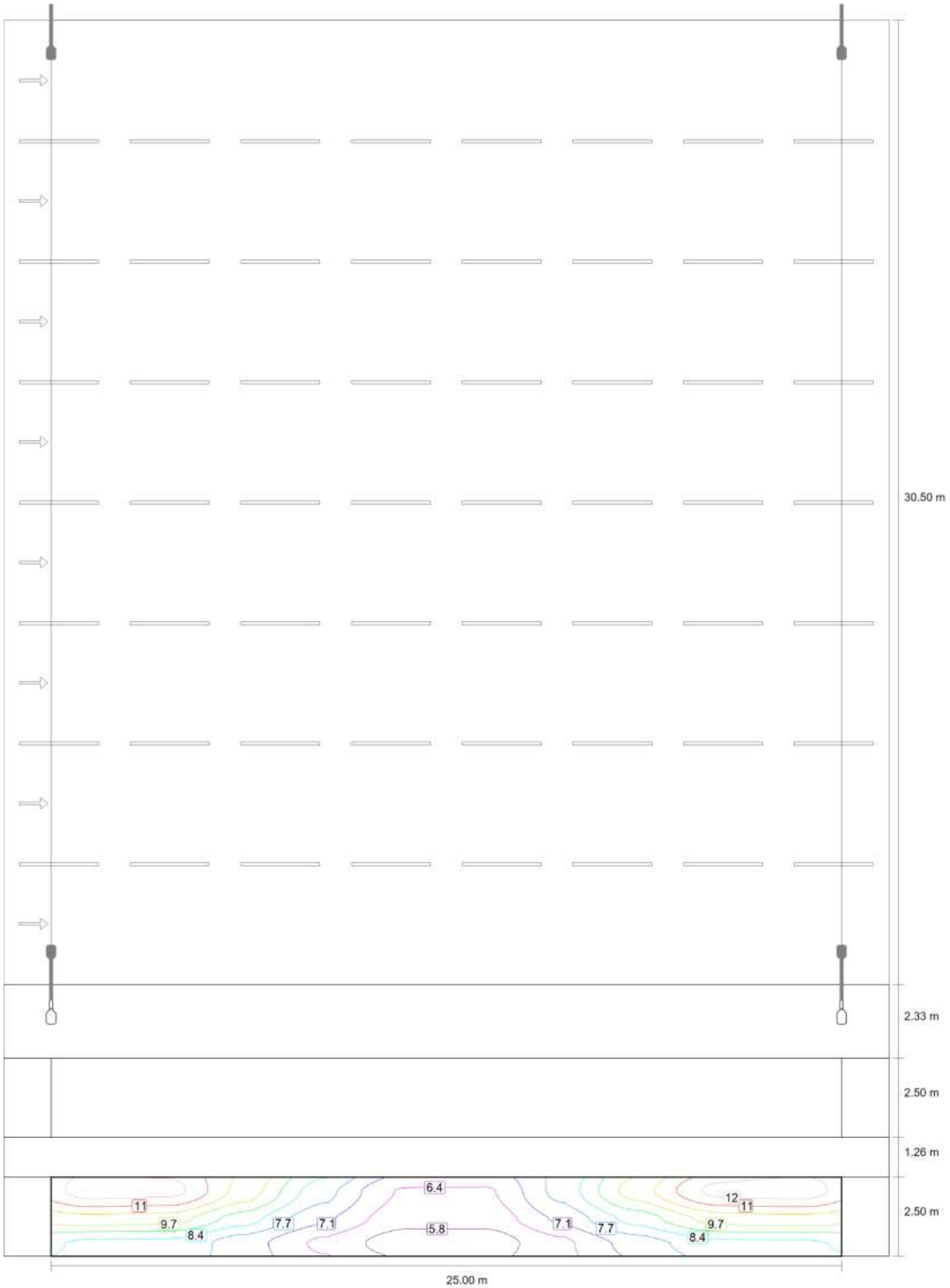
Sidewalk (P3)

Results for valuation field

	Symbol	Calculated	Target	Check
Sidewalk (P3)	E_{av}	8.42 lx	[7.50 - 11.25] lx	✓
	E_{min}	5.44 lx	≥ 1.50 lx	✓

Taikos pr. praplatėjimas ties Kauno g.

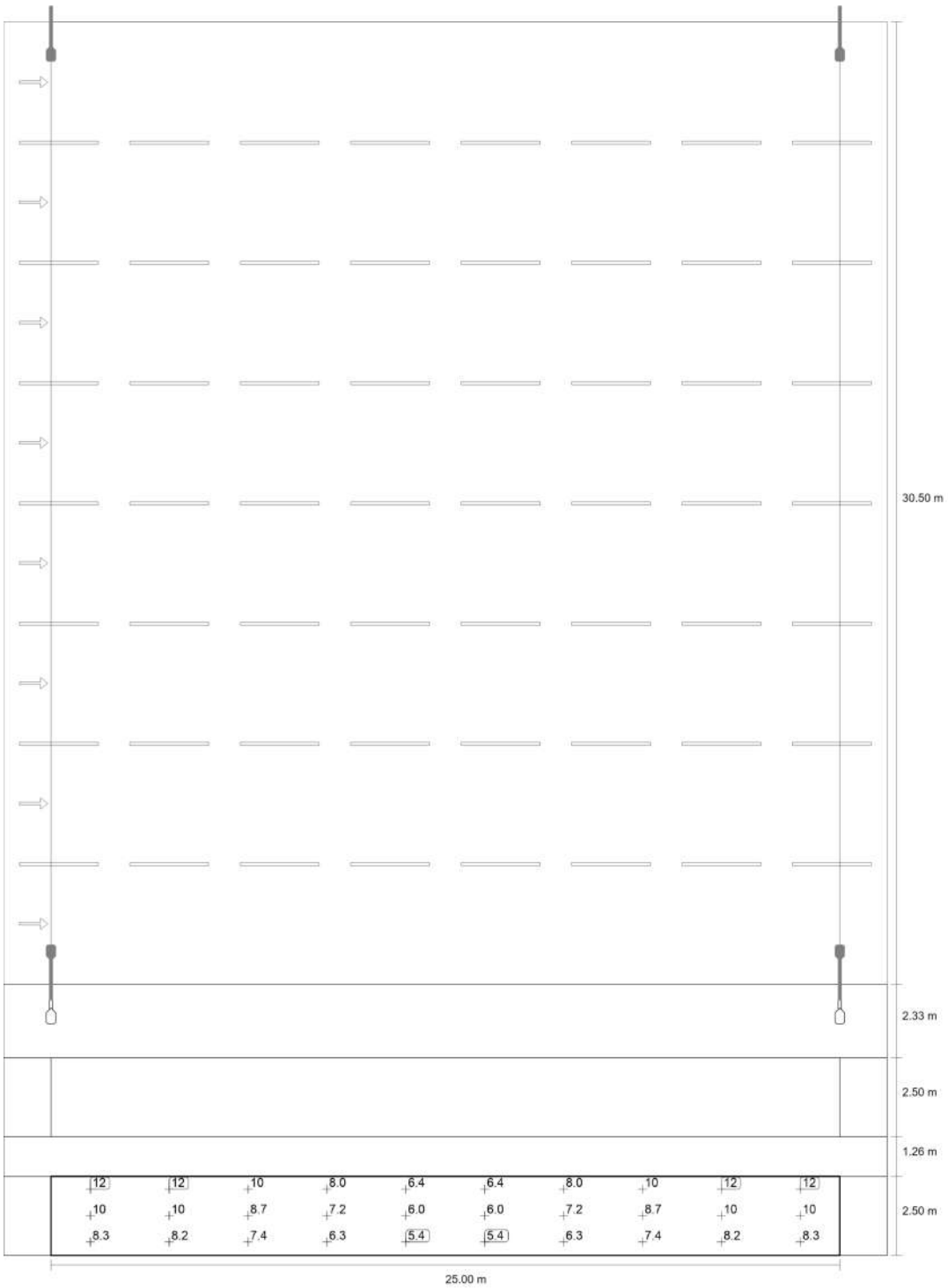
Sidewalk (P3)



Maintenance value, horizontal illuminance [lx] (Iso-illuminance curves)

Taikos pr. praplatėjimas ties Kauno g.

Sidewalk (P3)



Maintenance value, horizontal illuminance [lx] (Value grid)

Taikos pr. praplatėjimas ties Kauno g.

Sidewalk (P3)

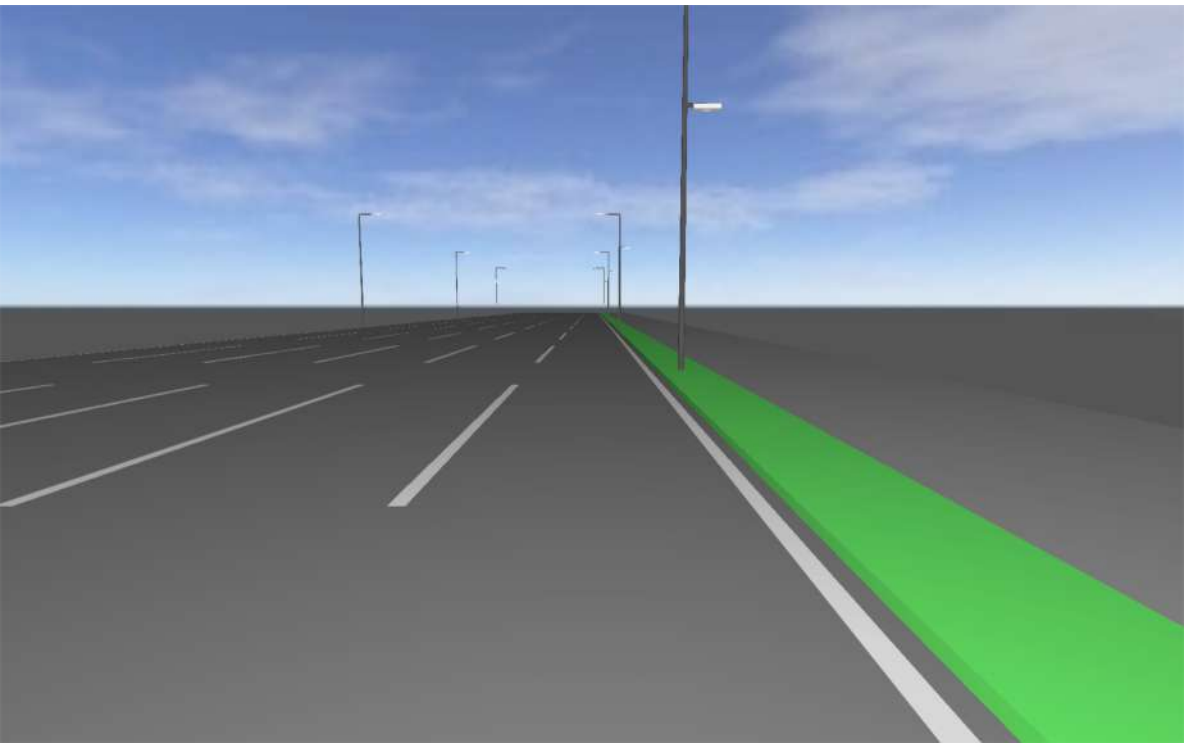
m	1.250	3.750	6.250	8.750	11.250	13.750	16.250	18.750	21.250	23.750
2.083	12.03	11.92	10.11	7.98	6.36	6.36	7.98	10.11	11.92	12.03
1.250	10.19	10.06	8.73	7.25	6.04	6.04	7.25	8.73	10.06	10.19
0.417	8.29	8.23	7.40	6.29	5.44	5.44	6.29	7.40	8.23	8.29

Maintenance value, horizontal illuminance [lx] (Value chart)

	E_{av}	E_{min}	E_{max}	U_o (g_1)	g_2
Maintenance value, horizontal illuminance	8.42 lx	5.44 lx	12.0 lx	0.65	0.45

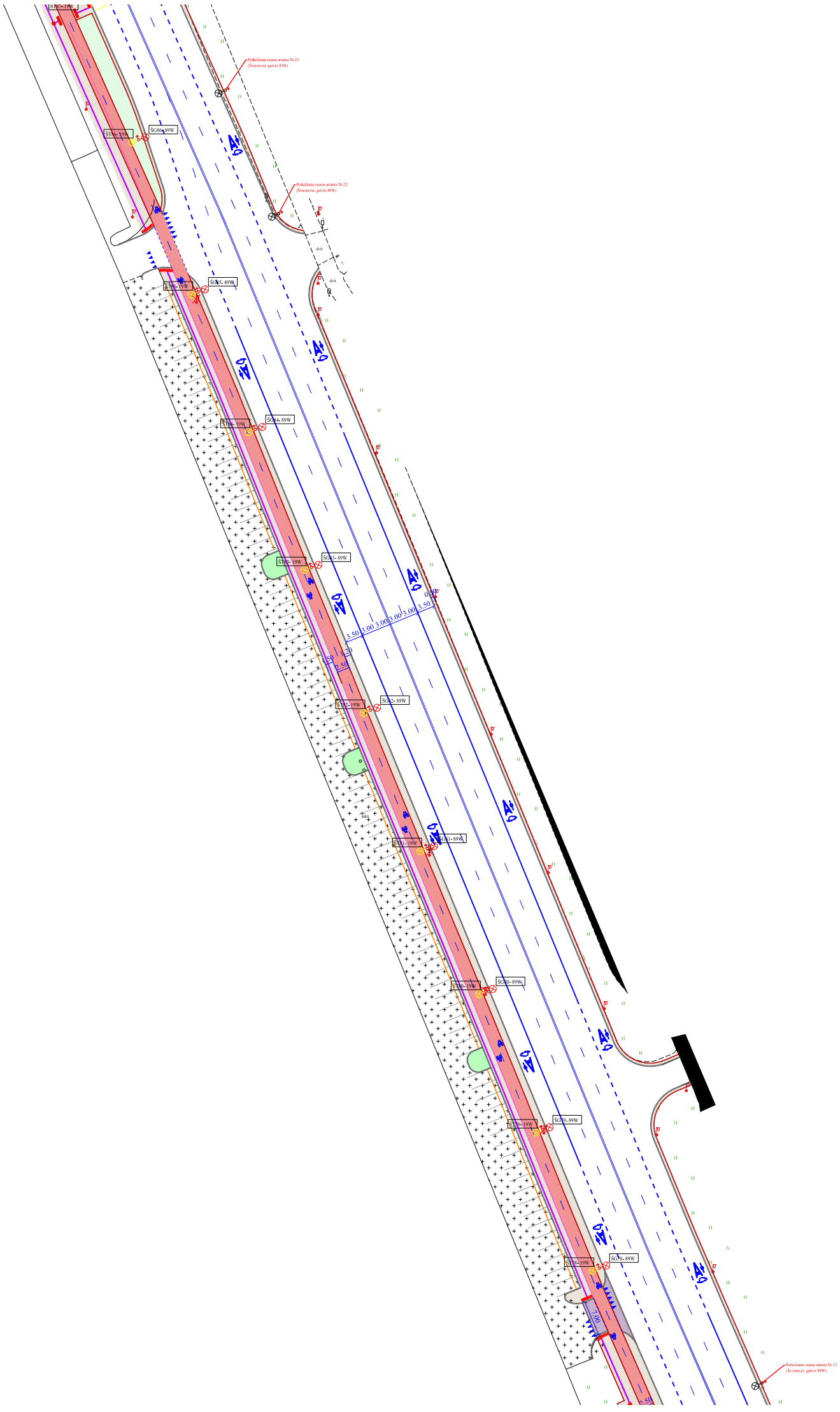
Date 2024-05-21

Taikos pr. nuo Rūtų g. iki Kauno g.



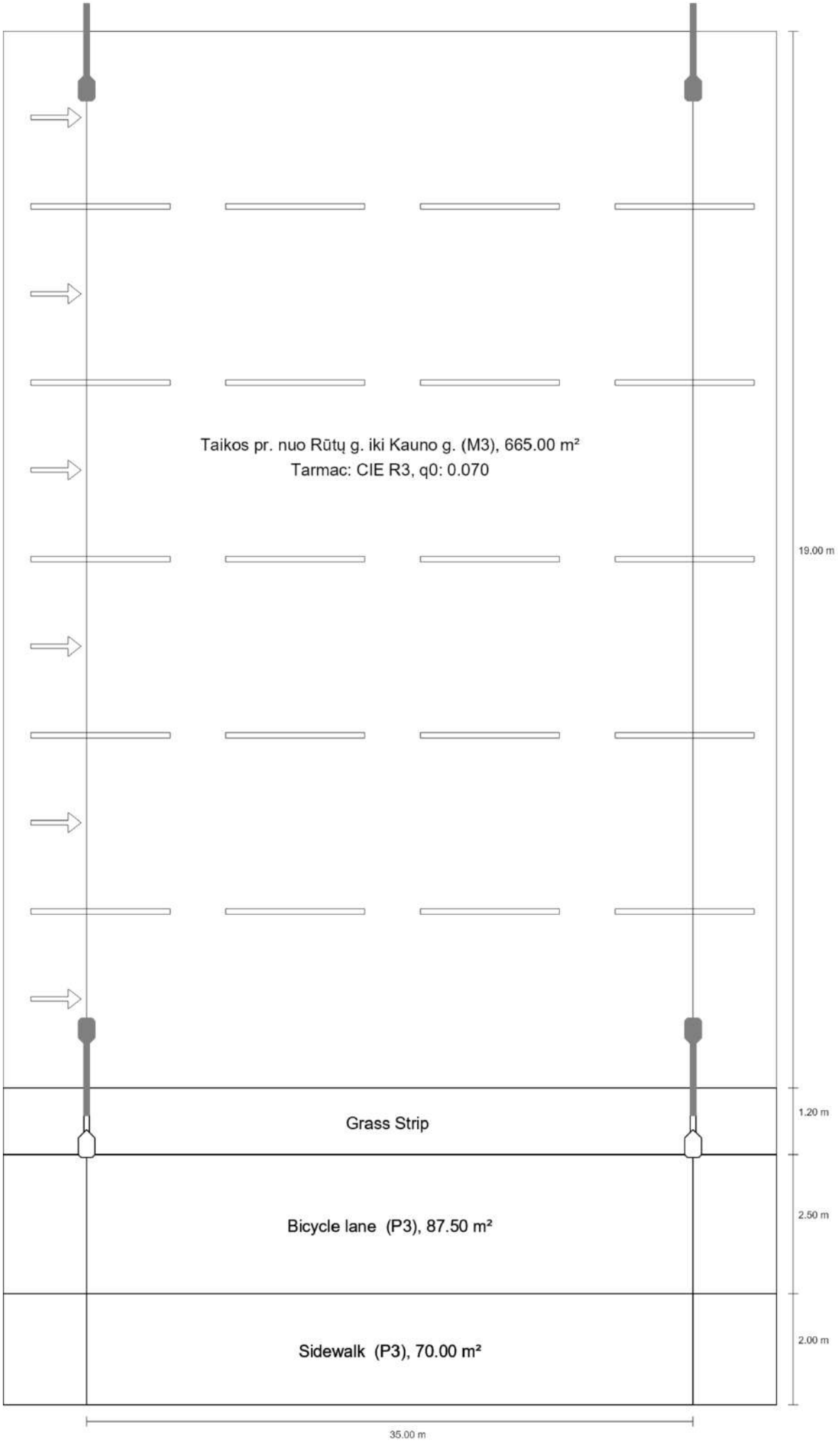


Created with DIALux


Perkelianta esama atrama Nr.23
(Sviestuvai: gatvės 89W)
Perkelianta esama atrama Nr.22
(Sviestuvai: gatvės 89W)
Perkelianta esama atrama Nr.12
(Sviestuvai: gatvės 89W)
S196-19W
SG84-89W
S195-19W
SG85-89W
S194-19W
SG84-89W
S193-19W
SG83-89W
S192-19W
SG82-89W
S191-19W
SG81-89W
S190-19W
SG80-89W
S189-19W
SG79-89W
S188-19W
SG78-89W
3.50
3.00
3.00
3.00
3.50
2.50
2.50
5.00

Summary (according to EN 13201:2015)

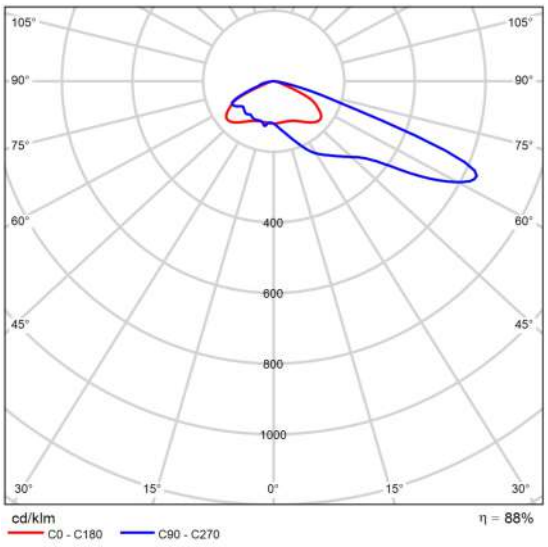
DIALux



Product data sheet

Philips - BGP760 T25 1 xLED22-4S/830 DX50

P	18.6 W
Φ_{Lamp}	2200 lm
$\Phi_{Luminaire}$	1931 lm
η	87.75 %
Luminous efficacy	103.8 lm/W
CCT	3000 K
CRI	80



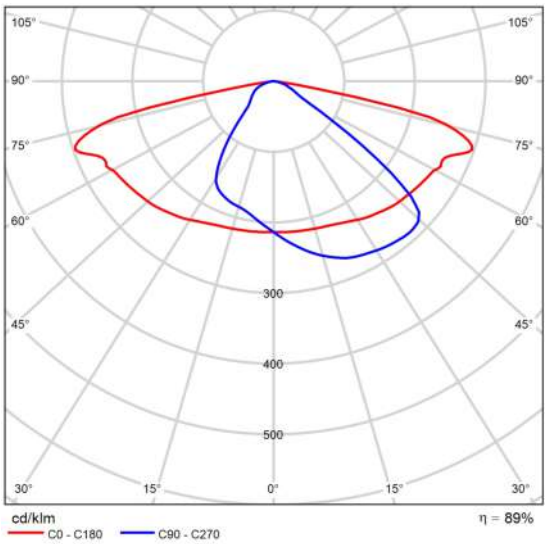
Polar LDC



Product data sheet

Philips - BGP762 T25 1 xLED100-4S/830 DM10

P	74.0 W
Φ_{Lamp}	10000 lm
$\Phi_{Luminaire}$	8947 lm
η	89.47 %
Luminous efficacy	120.9 lm/W
CCT	3000 K
CRI	80



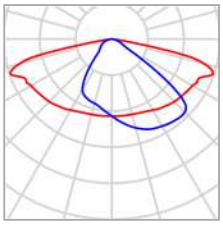
Polar LDC



DIALux

Taikos pr. nuo Rūtų g. iki Kauno g.

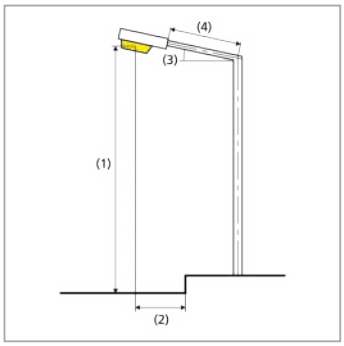
Summary (according to EN 13201:2015)





Manufacturer	Philips	P	74.0 W
Article name	BGP762 T25 1 xLED100-4S/830 DM10	Φ_{Lamp}	10000 lm
		$\Phi_{Luminaire}$	8947 lm
Fitting	1x LED100-4S/830	η	89.47 %

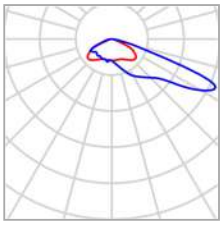
BGP762 T25 1 xLED100-4S/830 DM10 (both sides opposite)



Pole distance	35.000 m
(1) Light spot height	8.500 m
(2) Light point overhang	1.000 m
(3) Boom inclination	0.0°
(4) Boom length	1.500 m
Annual operating hours	4000 h: 100.0 %, 74.0 W
Wattage / route	4292.0 W/km
ULR / ULOR	0.00 / 0.00
Max. luminous intensities Any direction forming the specified angle from the downward vertical, with the luminaire installed for use.	≥ 70°: 589 cd/klm ≥ 80°: 99.5 cd/klm ≥ 90°: 0.00 cd/klm
Luminous intensity class The luminous intensity values in [cd/klm] for calculation of the luminous intensity class refer to the luminaire luminous flux according to EN 13201:2015.	G*3
Glare index class	D.6
MF	0.80

Taikos pr. nuo Rūtų g. iki Kauno g.

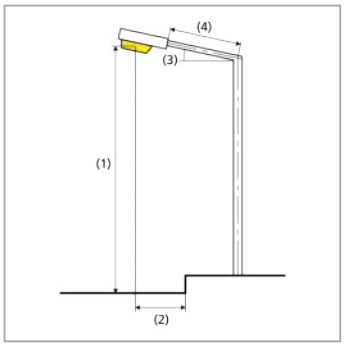
Summary (according to EN 13201:2015)





Manufacturer	Philips	P	18.6 W
Article name	BGP760 T25 1 xLED22-4S/830 DX50	Φ_{Lamp}	2200 lm
		$\Phi_{Luminaire}$	1931 lm
Fitting	1x LED22-4S/830	η	87.75 %

BGP760 T25 1 xLED22-4S/830 DX50 (single side bottom)



Pole distance	35.000 m
(1) Light spot height	6.000 m
(2) Light point overhang	0.000 m
(3) Boom inclination	0.0°
(4) Boom length	0.500 m
Annual operating hours	4000 h: 100.0 %, 18.6 W
Wattage / route	539.4 W/km
ULR / ULOR	0.00 / 0.00
Max. luminous intensities Any direction forming the specified angle from the downward vertical, with the luminaire installed for use.	≥ 70°: 642 cd/klm ≥ 80°: 60.6 cd/klm ≥ 90°: 0.00 cd/klm
Luminous intensity class The luminous intensity values in [cd/klm] for calculation of the luminous intensity class refer to the luminaire luminous flux according to EN 13201:2015.	G*3
Glare index class	D.6
MF	0.80

Taikos pr. nuo Rūtų g. iki Kauno g.

Summary (according to EN 13201:2015)

Results for valuation fields

A maintenance factor of 0.80 was used for calculating for the installation.

	Symbol	Calculated	Target	Check
Taikos pr. nuo Rūtų g. iki Kauno g. (M3)	L_{av}	1.06 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.41	≥ 0.40	✓
	U_l	0.80	≥ 0.60	✓
	TI	11 %	≤ 15 %	✓
	R_{EI}	0.72	≥ 0.30	✓
Bicycle lane (P3)	E_{av}	11.15 lx	[7.50 - 11.25] lx	✓
	E_{min}	3.73 lx	≥ 1.50 lx	✓
Sidewalk (P3)	E_{av}	7.58 lx	[7.50 - 11.25] lx	✓
	E_{min}	2.36 lx	≥ 1.50 lx	✓

Results for energy efficiency indicators

	Symbol	Calculated	Energy Consumption
Taikos pr. nuo Rūtų g. iki Kauno g.	D_p	0.002 W/lx*m²	
BGP762 T25 1 xLED100-4S/830 DM10 (both sides opposite)	D_e	0.7 kWh/m² yr	592.0 kWh/yr
BGP760 T25 1 xLED22-4S/830 DX50 (single side bottom)	D_e	0.1 kWh/m² yr	74.4 kWh/yr

Taikos pr. nuo Rūtų g. iki Kauno g.

Taikos pr. nuo Rūtų g. iki Kauno g. (M3)

Results for valuation field

	Symbol	Calculated	Target	Check
Taikos pr. nuo Rūtų g. iki Kauno g. (M3)	L_{av}	1.06 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.41	≥ 0.40	✓
	U_l	0.80	≥ 0.60	✓
	TI	11 %	≤ 15 %	✓
	R_{EI}	0.72	≥ 0.30	✓

Results for observer

	Symbol	Calculated	Target	Check
Observer 1 Position: -60.000 m, 7.283 m, 1.500 m	L_{av}	1.06 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.41	≥ 0.40	✓
	U_l	0.81	≥ 0.60	✓
	TI	9 %	≤ 15 %	✓
Observer 2 Position: -60.000 m, 10.450 m, 1.500 m	L_{av}	1.08 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.46	≥ 0.40	✓
	U_l	0.80	≥ 0.60	✓
	TI	9 %	≤ 15 %	✓
Observer 3 Position: -60.000 m, 13.617 m, 1.500 m	L_{av}	1.08 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.52	≥ 0.40	✓
	U_l	0.90	≥ 0.60	✓
	TI	11 %	≤ 15 %	✓

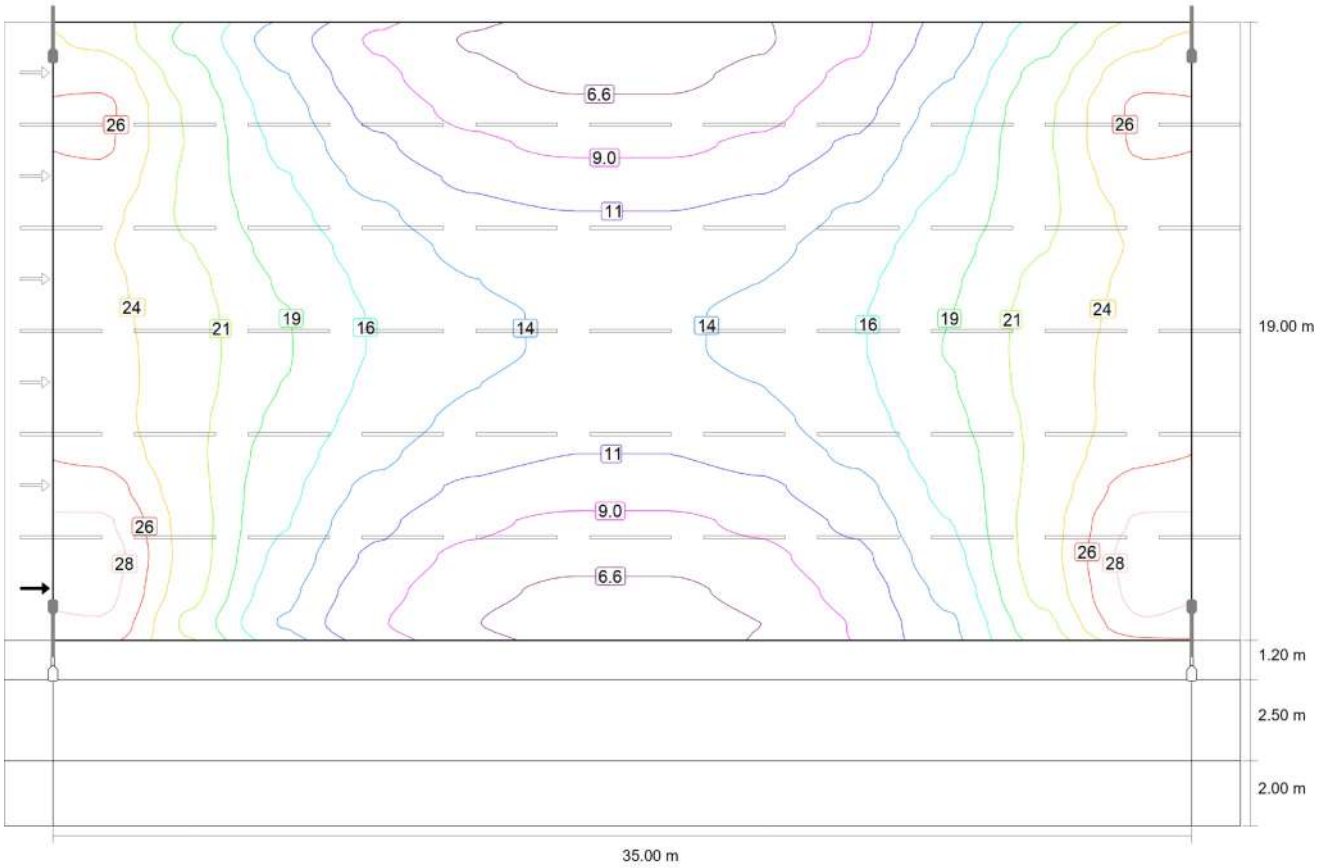
Taikos pr. nuo Rūtų g. iki Kauno g.

Taikos pr. nuo Rūtų g. iki Kauno g. (M3)

	Symbol	Calculated	Target	Check
Observer 4 Position: -60.000 m, 16.783 m, 1.500 m	L_{av}	1.08 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.54	≥ 0.40	✓
	U_l	0.89	≥ 0.60	✓
	TI	11 %	≤ 15 %	✓
Observer 5 Position: -60.000 m, 19.950 m, 1.500 m	L_{av}	1.08 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.48	≥ 0.40	✓
	U_l	0.84	≥ 0.60	✓
	TI	9 %	≤ 15 %	✓
Observer 6 Position: -60.000 m, 23.117 m, 1.500 m	L_{av}	1.07 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.43	≥ 0.40	✓
	U_l	0.88	≥ 0.60	✓
	TI	9 %	≤ 15 %	✓

Taikos pr. nuo Rūtų g. iki Kauno g.

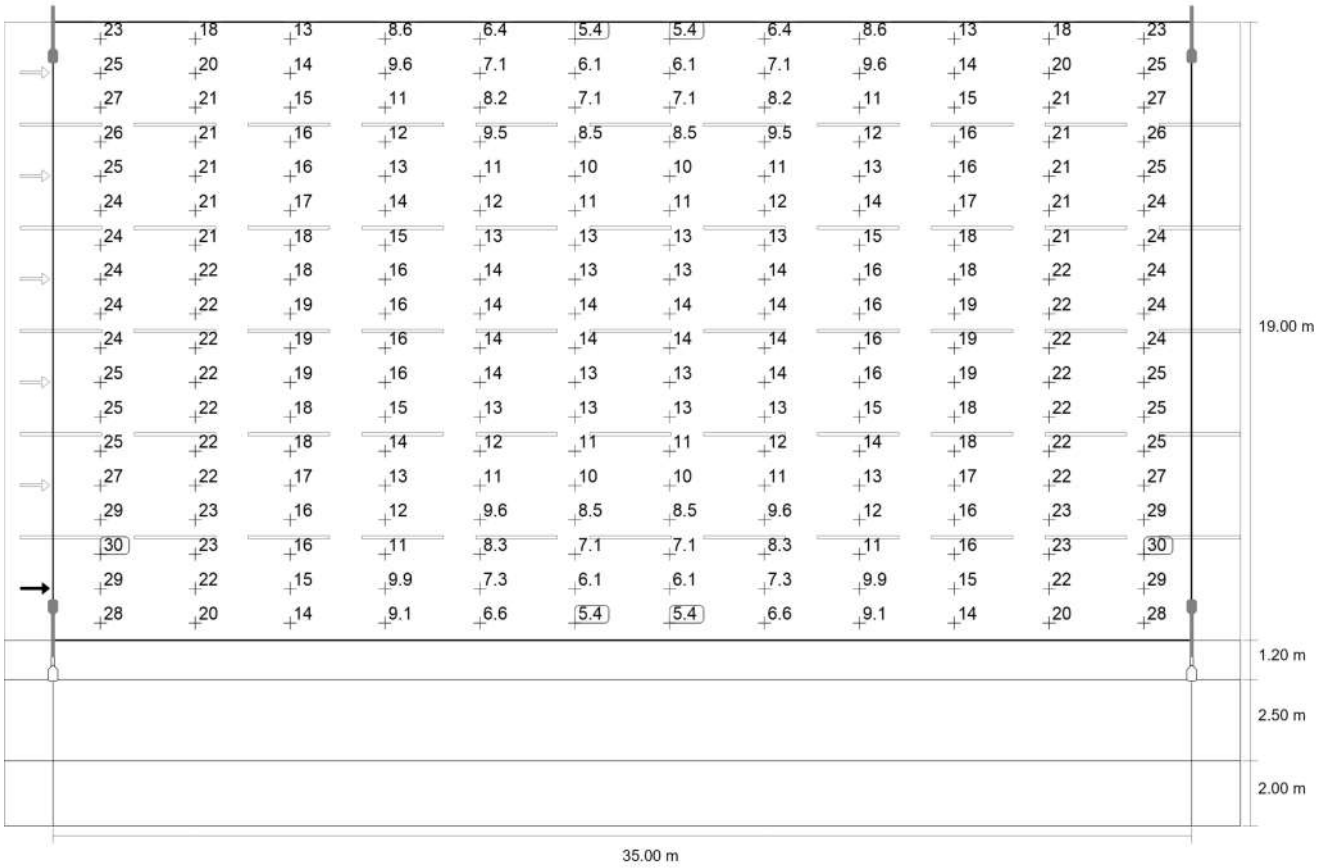
Taikos pr. nuo Rūtų g. iki Kauno g. (M3)



Maintenance value, horizontal illuminance [lx] (Iso-illuminance curves)

Taikos pr. nuo Rūtų g. iki Kauno g.

Taikos pr. nuo Rūtų g. iki Kauno g. (M3)



Maintenance value, horizontal illuminance [lx] (Value grid)

m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
24.172	23.15	18.09	12.58	8.63	6.36	5.36	5.36	6.36	8.63	12.58	18.09	23.15
23.117	25.34	19.72	13.85	9.58	7.13	6.08	6.08	7.13	9.58	13.85	19.72	25.34
22.061	26.53	20.79	14.91	10.62	8.21	7.09	7.09	8.21	10.62	14.91	20.79	26.53
21.006	26.43	20.96	15.73	11.79	9.49	8.47	8.47	9.49	11.79	15.73	20.96	26.43
19.950	25.42	20.68	16.38	12.99	10.94	10.09	10.09	10.94	12.99	16.38	20.68	25.42
18.894	24.22	20.73	17.12	14.23	12.21	11.44	11.44	12.21	14.23	17.12	20.73	24.22
17.839	23.84	21.16	17.89	15.10	13.23	12.59	12.59	13.23	15.10	17.89	21.16	23.84
16.783	24.08	21.74	18.46	15.71	13.88	13.32	13.32	13.88	15.71	18.46	21.74	24.08
15.728	24.26	22.08	18.78	16.08	14.24	13.69	13.69	14.24	16.08	18.78	22.08	24.26
14.672	24.42	22.19	18.84	16.11	14.24	13.70	13.70	14.24	16.11	18.84	22.19	24.42
13.617	24.58	22.09	18.66	15.79	13.89	13.33	13.33	13.89	15.79	18.66	22.09	24.58
12.561	24.69	21.79	18.21	15.21	13.26	12.61	12.61	13.26	15.21	18.21	21.79	24.69

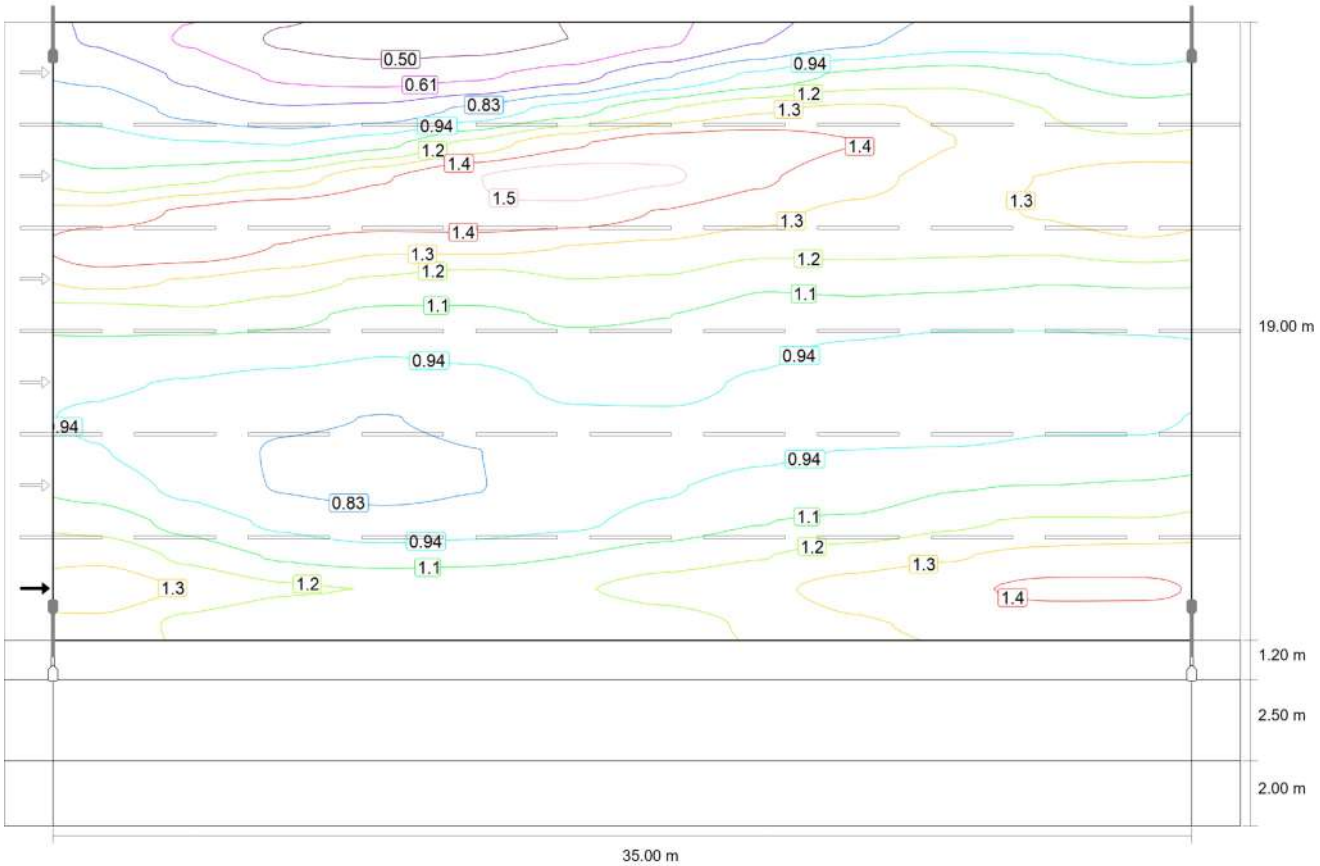
Taikos pr. nuo Rūtų g. iki Kauno g.

Taikos pr. nuo Rūtų g. iki Kauno g. (M3)

m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
11.506	25.49	21.75	17.56	14.36	12.25	11.46	11.46	12.25	14.36	17.56	21.75	25.49
10.450	27.25	22.07	16.94	13.14	11.00	10.13	10.13	11.00	13.14	16.94	22.07	27.25
9.394	28.85	22.51	16.36	11.97	9.56	8.51	8.51	9.56	11.97	16.36	22.51	28.85
8.339	29.70	22.57	15.55	10.84	8.31	7.14	7.14	8.31	10.84	15.55	22.57	29.70
7.283	29.29	22.03	14.54	9.87	7.27	6.14	6.14	7.27	9.87	14.54	22.03	29.29
6.228	28.16	20.50	13.60	9.12	6.59	5.43	5.43	6.59	9.12	13.60	20.50	28.16

Maintenance value, horizontal illuminance [lx] (Value chart)

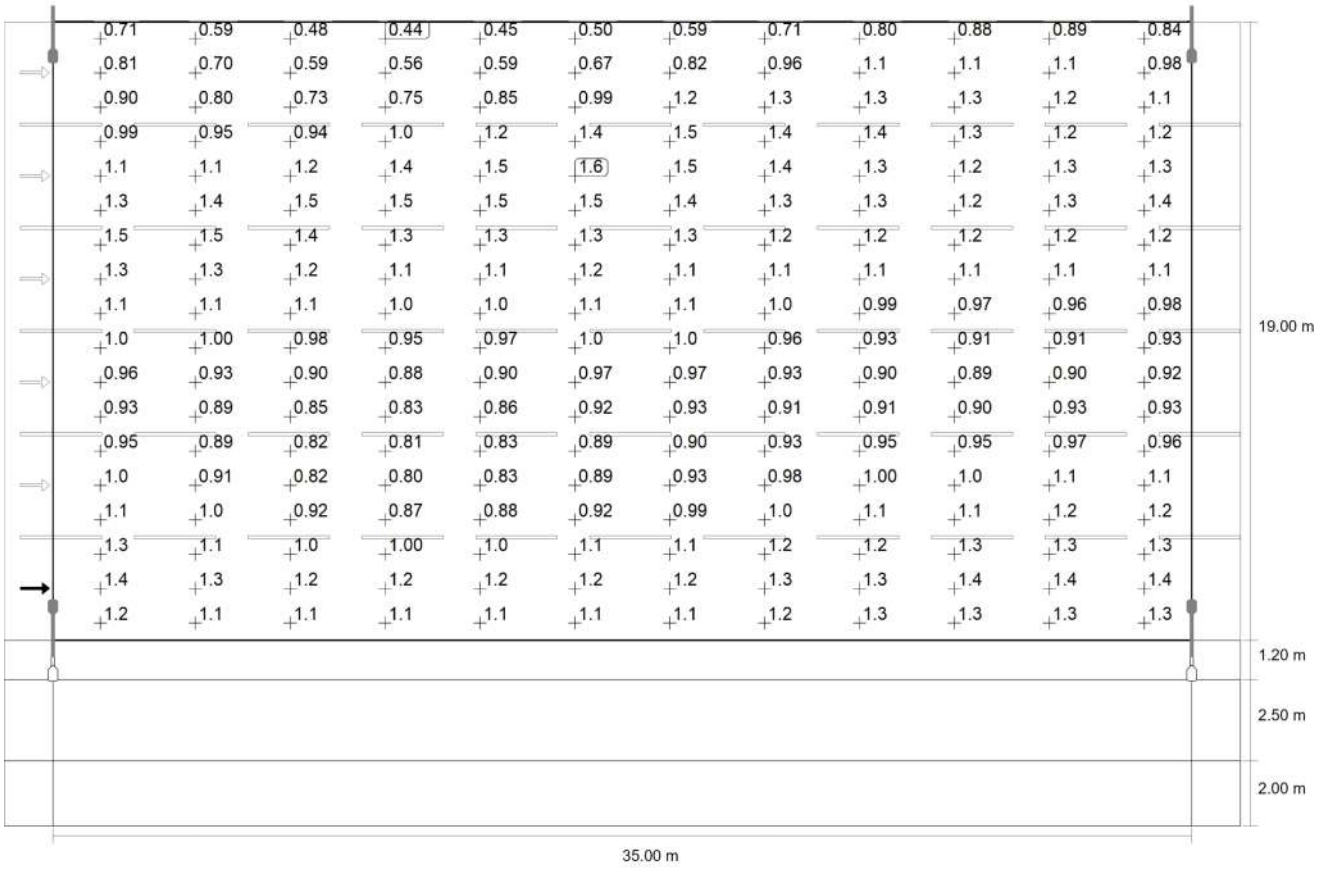
	E_{av}	E_{min}	E_{max}	U_o (g_1)	g_2
Maintenance value, horizontal illuminance	16.2 lx	5.36 lx	29.7 lx	0.33	0.18



Observer 1: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

Taikos pr. nuo Rūtų g. iki Kauno g.

Taikos pr. nuo Rūtų g. iki Kauno g. (M3)



Observer 1: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
24.172	0.71	0.59	0.48	0.44	0.45	0.50	0.59	0.71	0.80	0.88	0.89	0.84
23.117	0.81	0.70	0.59	0.56	0.59	0.67	0.82	0.96	1.08	1.11	1.05	0.98
22.061	0.90	0.80	0.73	0.75	0.85	0.99	1.16	1.26	1.30	1.26	1.16	1.09
21.006	0.99	0.95	0.94	1.02	1.20	1.37	1.45	1.44	1.39	1.28	1.21	1.20
19.950	1.08	1.14	1.21	1.37	1.50	1.56	1.52	1.41	1.32	1.24	1.28	1.34
18.894	1.31	1.41	1.45	1.49	1.48	1.46	1.38	1.31	1.25	1.24	1.29	1.37
17.839	1.48	1.47	1.38	1.30	1.31	1.28	1.26	1.20	1.20	1.19	1.19	1.24
16.783	1.31	1.27	1.21	1.15	1.11	1.16	1.15	1.07	1.09	1.08	1.06	1.07
15.728	1.10	1.13	1.09	1.02	1.03	1.07	1.06	1.01	0.99	0.97	0.96	0.98
14.672	1.02	1.00	0.98	0.95	0.97	1.01	1.01	0.96	0.93	0.91	0.91	0.93
13.617	0.96	0.93	0.90	0.88	0.90	0.97	0.97	0.93	0.90	0.89	0.90	0.92
12.561	0.93	0.89	0.85	0.83	0.86	0.92	0.93	0.91	0.91	0.90	0.93	0.93

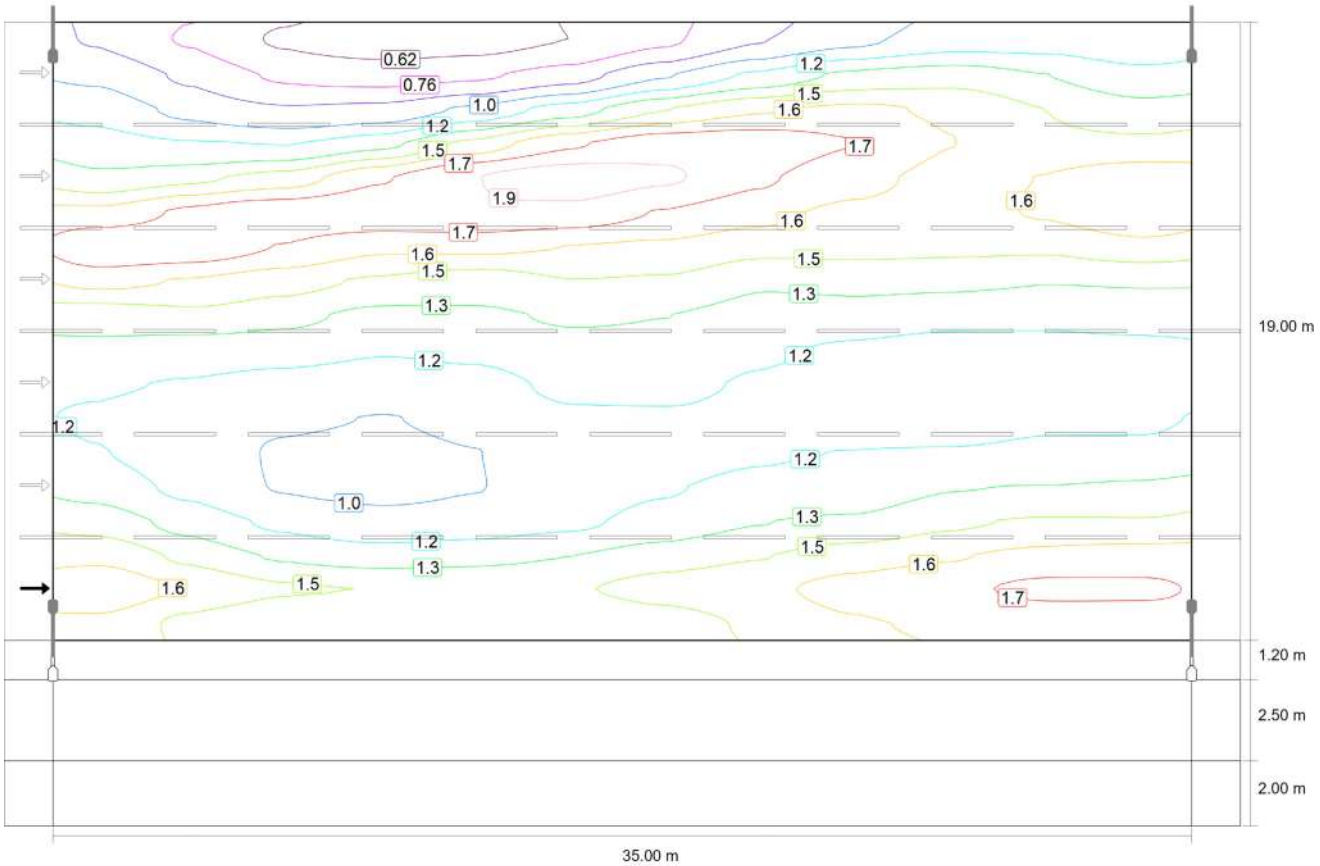
Taikos pr. nuo Rūtų g. iki Kauno g.

Taikos pr. nuo Rūtų g. iki Kauno g. (M3)

m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
11.506	0.95	0.89	0.82	0.81	0.83	0.89	0.90	0.93	0.95	0.95	0.97	0.96
10.450	1.01	0.91	0.82	0.80	0.83	0.89	0.93	0.98	1.00	1.05	1.06	1.07
9.394	1.12	1.01	0.92	0.87	0.88	0.92	0.99	1.05	1.07	1.15	1.18	1.18
8.339	1.25	1.13	1.04	1.00	1.02	1.05	1.11	1.16	1.22	1.27	1.31	1.33
7.283	1.36	1.26	1.18	1.16	1.15	1.16	1.22	1.25	1.32	1.36	1.42	1.41
6.228	1.25	1.14	1.07	1.07	1.08	1.06	1.11	1.18	1.26	1.30	1.32	1.33

Observer 1: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

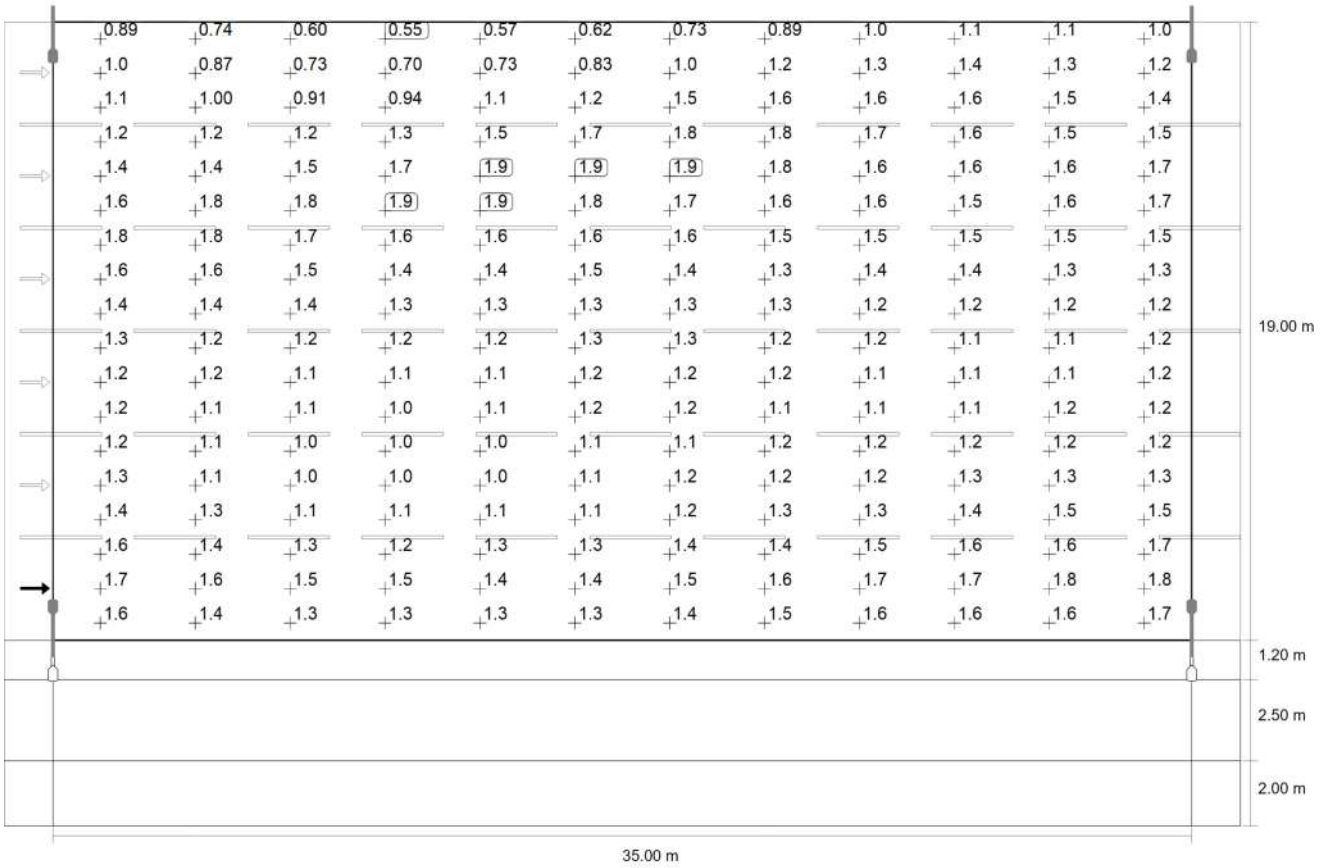
	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 1: Maintenance value, luminance with dry roadway	1.06 cd/m²	0.44 cd/m²	1.56 cd/m²	0.41	0.28



Observer 1: Luminance with new installation [cd/m²] (Iso-illuminance curves)

Taikos pr. nuo Rūtų g. iki Kauno g.

Taikos pr. nuo Rūtų g. iki Kauno g. (M3)



Observer 1: Luminance with new installation [cd/m²] (Value grid)

m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
24.172	0.89	0.74	0.60	0.55	0.57	0.62	0.73	0.89	1.00	1.11	1.11	1.05
23.117	1.01	0.87	0.73	0.70	0.73	0.83	1.02	1.20	1.35	1.39	1.32	1.23
22.061	1.13	1.00	0.91	0.94	1.06	1.24	1.45	1.58	1.62	1.57	1.46	1.37
21.006	1.24	1.19	1.17	1.27	1.50	1.71	1.82	1.80	1.74	1.60	1.51	1.50
19.950	1.35	1.42	1.52	1.72	1.87	1.95	1.90	1.76	1.65	1.55	1.60	1.67
18.894	1.64	1.76	1.82	1.86	1.85	1.83	1.73	1.64	1.56	1.55	1.61	1.71
17.839	1.85	1.84	1.73	1.62	1.63	1.60	1.57	1.50	1.50	1.48	1.48	1.55
16.783	1.64	1.59	1.51	1.44	1.38	1.46	1.44	1.34	1.36	1.35	1.33	1.33
15.728	1.38	1.42	1.36	1.28	1.29	1.34	1.32	1.26	1.24	1.21	1.20	1.22
14.672	1.28	1.24	1.23	1.19	1.21	1.26	1.26	1.20	1.16	1.14	1.14	1.16
13.617	1.20	1.17	1.13	1.10	1.13	1.21	1.21	1.16	1.13	1.12	1.12	1.15
12.561	1.17	1.11	1.07	1.04	1.08	1.15	1.16	1.14	1.14	1.13	1.16	1.17

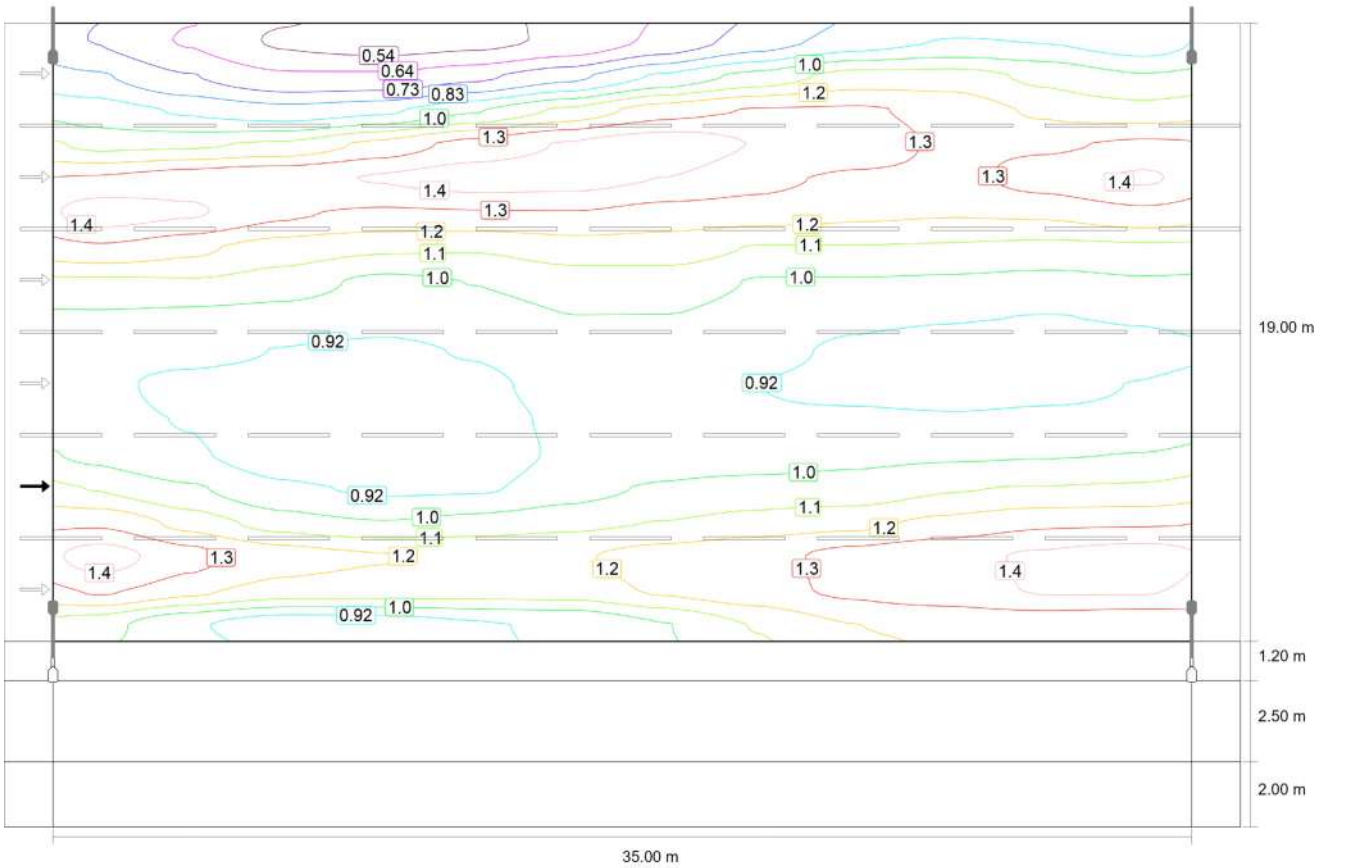
Taikos pr. nuo Rūtų g. iki Kauno g.

Taikos pr. nuo Rūtų g. iki Kauno g. (M3)

m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
11.506	1.19	1.12	1.02	1.01	1.04	1.11	1.13	1.16	1.18	1.19	1.21	1.21
10.450	1.27	1.14	1.03	1.00	1.03	1.11	1.17	1.22	1.25	1.31	1.32	1.34
9.394	1.40	1.26	1.15	1.09	1.10	1.15	1.24	1.31	1.34	1.43	1.47	1.47
8.339	1.56	1.42	1.30	1.25	1.27	1.32	1.39	1.45	1.53	1.58	1.64	1.66
7.283	1.70	1.58	1.47	1.46	1.44	1.45	1.52	1.57	1.65	1.70	1.77	1.76
6.228	1.56	1.42	1.33	1.34	1.35	1.32	1.39	1.48	1.58	1.62	1.65	1.66

Observer 1: Luminance with new installation [cd/m²] (Value chart)

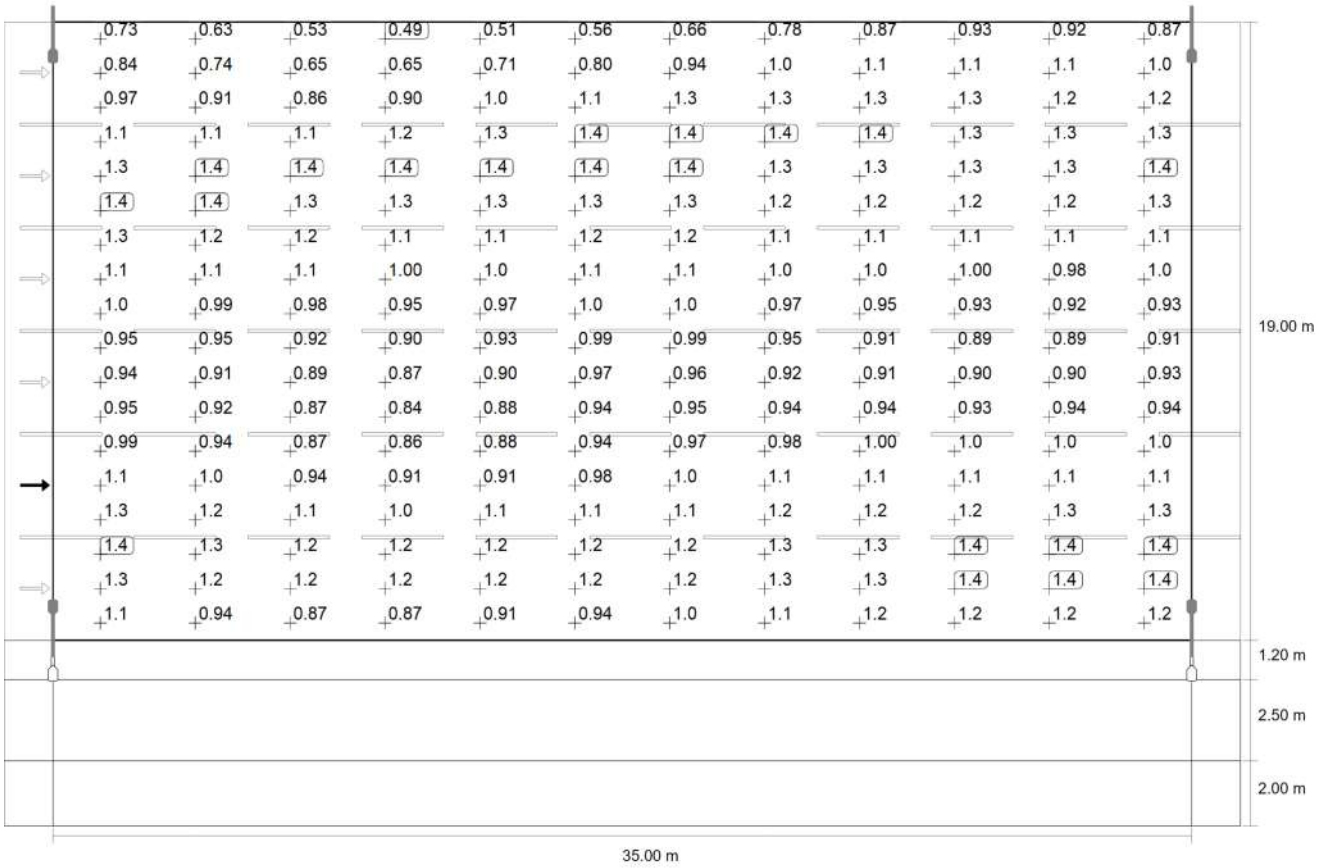
	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 1: Luminance with new installation	1.33 cd/m²	0.55 cd/m²	1.95 cd/m²	0.41	0.28



Observer 2: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

Taikos pr. nuo Rūtų g. iki Kauno g.

Taikos pr. nuo Rūtų g. iki Kauno g. (M3)



Observer 2: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
24.172	0.73	0.63	0.53	0.49	0.51	0.56	0.66	0.78	0.87	0.93	0.92	0.87
23.117	0.84	0.74	0.65	0.65	0.71	0.80	0.94	1.05	1.15	1.15	1.09	1.02
22.061	0.97	0.91	0.86	0.90	1.01	1.13	1.26	1.31	1.31	1.27	1.19	1.16
21.006	1.09	1.10	1.13	1.24	1.34	1.41	1.45	1.39	1.36	1.29	1.29	1.32
19.950	1.32	1.36	1.37	1.41	1.44	1.43	1.40	1.33	1.29	1.28	1.34	1.41
18.894	1.45	1.41	1.32	1.29	1.29	1.30	1.26	1.25	1.23	1.22	1.22	1.27
17.839	1.29	1.23	1.16	1.13	1.12	1.16	1.16	1.11	1.11	1.10	1.09	1.10
16.783	1.10	1.10	1.06	1.00	1.02	1.07	1.07	1.01	1.01	1.00	0.98	1.01
15.728	1.00	0.99	0.98	0.95	0.97	1.02	1.02	0.97	0.95	0.93	0.92	0.93
14.672	0.95	0.95	0.92	0.90	0.93	0.99	0.99	0.95	0.91	0.89	0.89	0.91
13.617	0.94	0.91	0.89	0.87	0.90	0.97	0.96	0.92	0.91	0.90	0.90	0.93
12.561	0.95	0.92	0.87	0.84	0.88	0.94	0.95	0.94	0.94	0.93	0.94	0.94

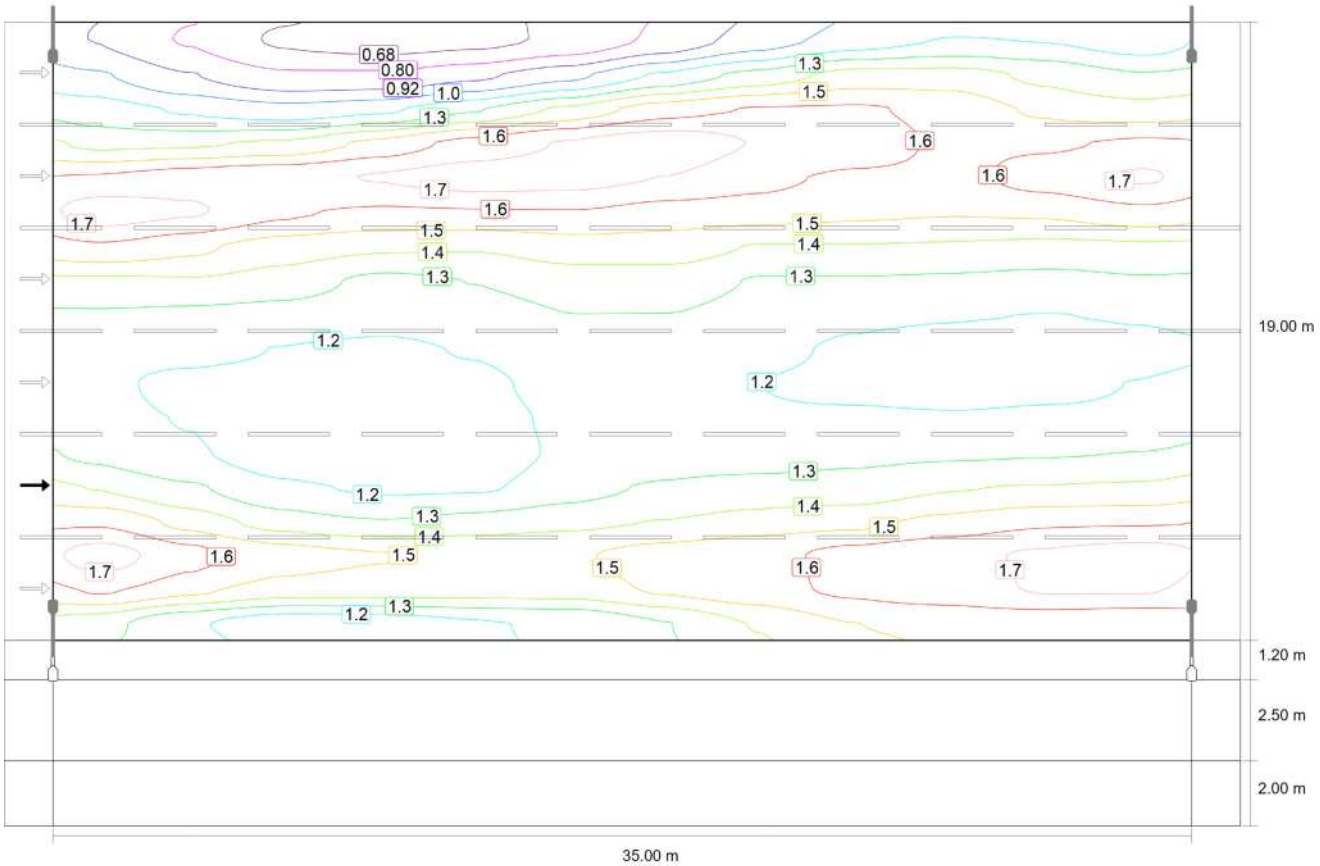
Taikos pr. nuo Rūtų g. iki Kauno g.

Taikos pr. nuo Rūtų g. iki Kauno g. (M3)

m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
11.506	0.99	0.94	0.87	0.86	0.88	0.94	0.97	0.98	1.00	1.01	1.01	1.02
10.450	1.11	1.03	0.94	0.91	0.91	0.98	1.03	1.05	1.06	1.11	1.12	1.13
9.394	1.29	1.17	1.07	1.02	1.06	1.09	1.12	1.16	1.18	1.24	1.29	1.29
8.339	1.44	1.34	1.25	1.21	1.20	1.20	1.25	1.28	1.33	1.38	1.41	1.44
7.283	1.32	1.24	1.16	1.16	1.16	1.16	1.23	1.27	1.32	1.36	1.41	1.41
6.228	1.05	0.94	0.87	0.87	0.91	0.94	1.02	1.12	1.21	1.23	1.24	1.23

Observer 2: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

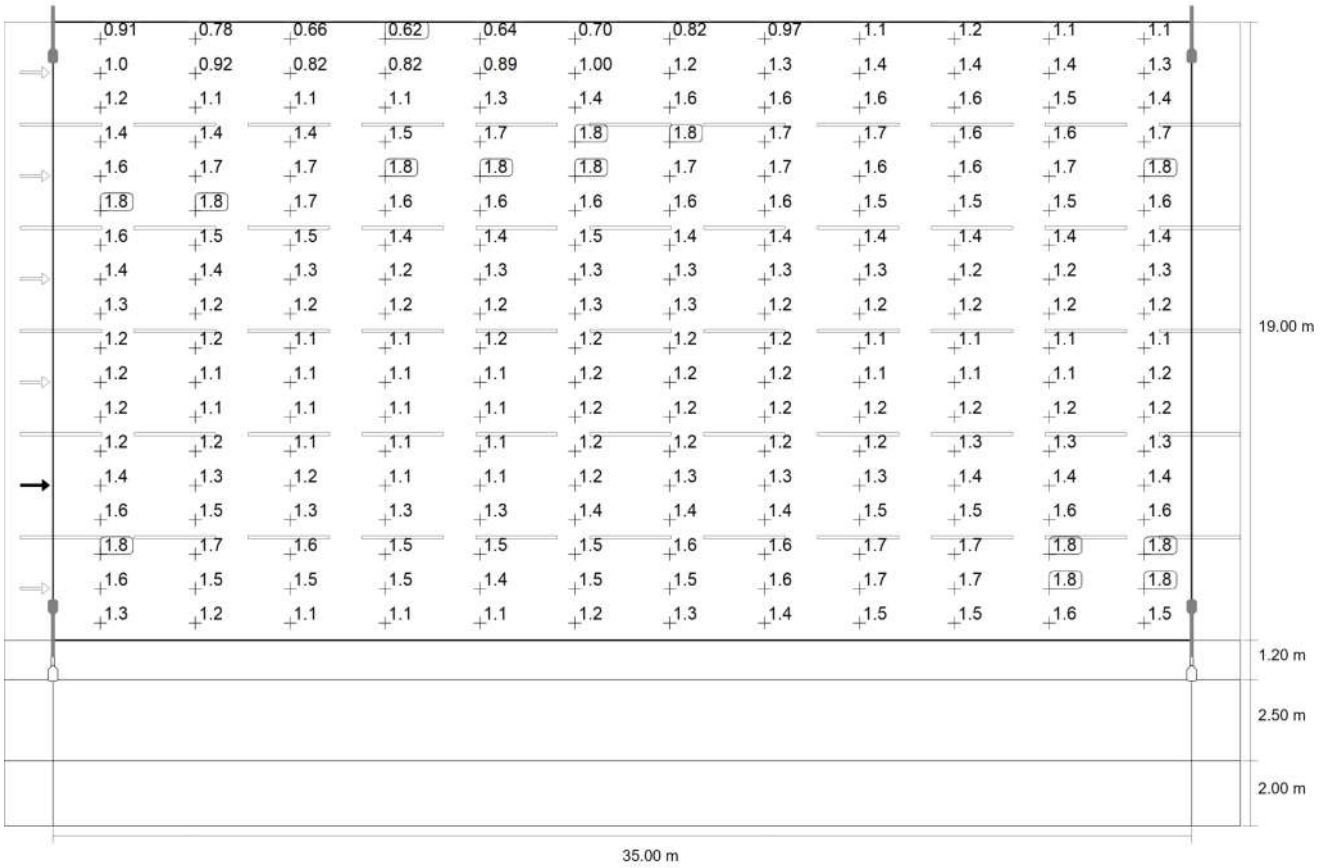
	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 2: Maintenance value, luminance with dry roadway	1.08 cd/m²	0.49 cd/m²	1.45 cd/m²	0.46	0.34



Observer 2: Luminance with new installation [cd/m²] (Iso-illuminance curves)

Taikos pr. nuo Rūtų g. iki Kauno g.

Taikos pr. nuo Rūtų g. iki Kauno g. (M3)



Observer 2: Luminance with new installation [cd/m²] (Value grid)

m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
24.172	0.91	0.78	0.66	0.62	0.64	0.70	0.82	0.97	1.08	1.16	1.15	1.08
23.117	1.05	0.92	0.82	0.82	0.89	1.00	1.17	1.31	1.44	1.44	1.36	1.28
22.061	1.22	1.13	1.08	1.12	1.26	1.41	1.57	1.64	1.64	1.59	1.49	1.45
21.006	1.36	1.37	1.42	1.54	1.67	1.76	1.81	1.74	1.70	1.61	1.61	1.65
19.950	1.65	1.70	1.71	1.76	1.81	1.79	1.75	1.66	1.61	1.60	1.68	1.77
18.894	1.81	1.76	1.65	1.61	1.62	1.62	1.57	1.56	1.54	1.52	1.53	1.59
17.839	1.61	1.54	1.45	1.41	1.40	1.45	1.45	1.39	1.39	1.38	1.36	1.37
16.783	1.37	1.38	1.33	1.25	1.28	1.33	1.34	1.26	1.26	1.25	1.23	1.26
15.728	1.26	1.24	1.22	1.19	1.21	1.27	1.27	1.22	1.18	1.16	1.15	1.16
14.672	1.19	1.19	1.15	1.13	1.17	1.24	1.24	1.19	1.13	1.12	1.11	1.13
13.617	1.17	1.13	1.11	1.08	1.12	1.21	1.20	1.15	1.13	1.12	1.13	1.16
12.561	1.19	1.15	1.08	1.05	1.11	1.18	1.19	1.17	1.17	1.17	1.18	1.18

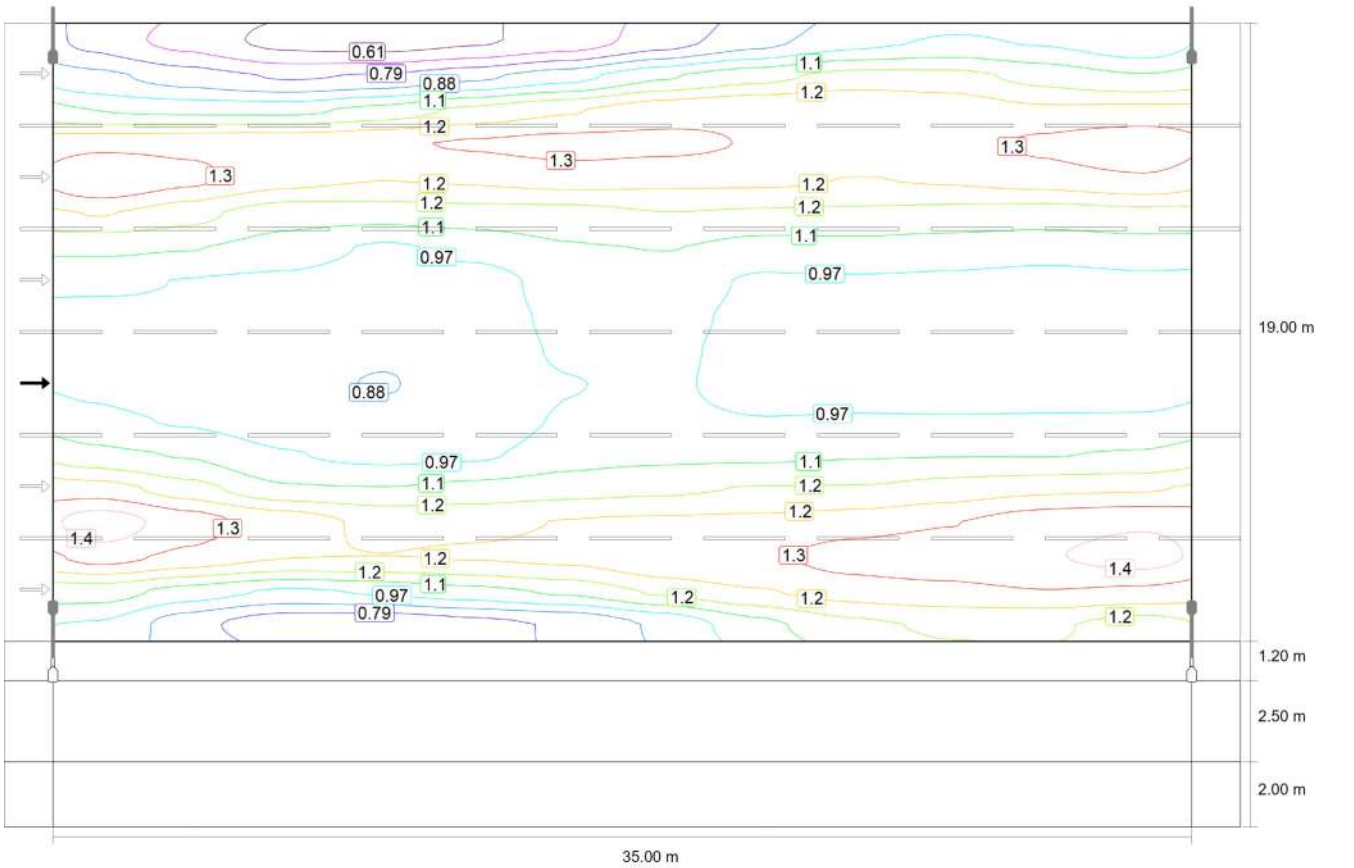
Taikos pr. nuo Rūtų g. iki Kauno g.

Taikos pr. nuo Rūtų g. iki Kauno g. (M3)

m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
11.506	1.24	1.17	1.08	1.08	1.11	1.17	1.21	1.22	1.24	1.26	1.27	1.27
10.450	1.38	1.29	1.18	1.14	1.14	1.23	1.29	1.32	1.33	1.38	1.40	1.41
9.394	1.61	1.46	1.33	1.28	1.32	1.36	1.40	1.45	1.48	1.55	1.61	1.62
8.339	1.80	1.67	1.56	1.52	1.50	1.50	1.56	1.60	1.67	1.72	1.76	1.80
7.283	1.65	1.54	1.45	1.45	1.44	1.45	1.53	1.59	1.65	1.70	1.76	1.76
6.228	1.32	1.17	1.08	1.09	1.14	1.17	1.27	1.40	1.51	1.54	1.55	1.54

Observer 2: Luminance with new installation [cd/m²] (Value chart)

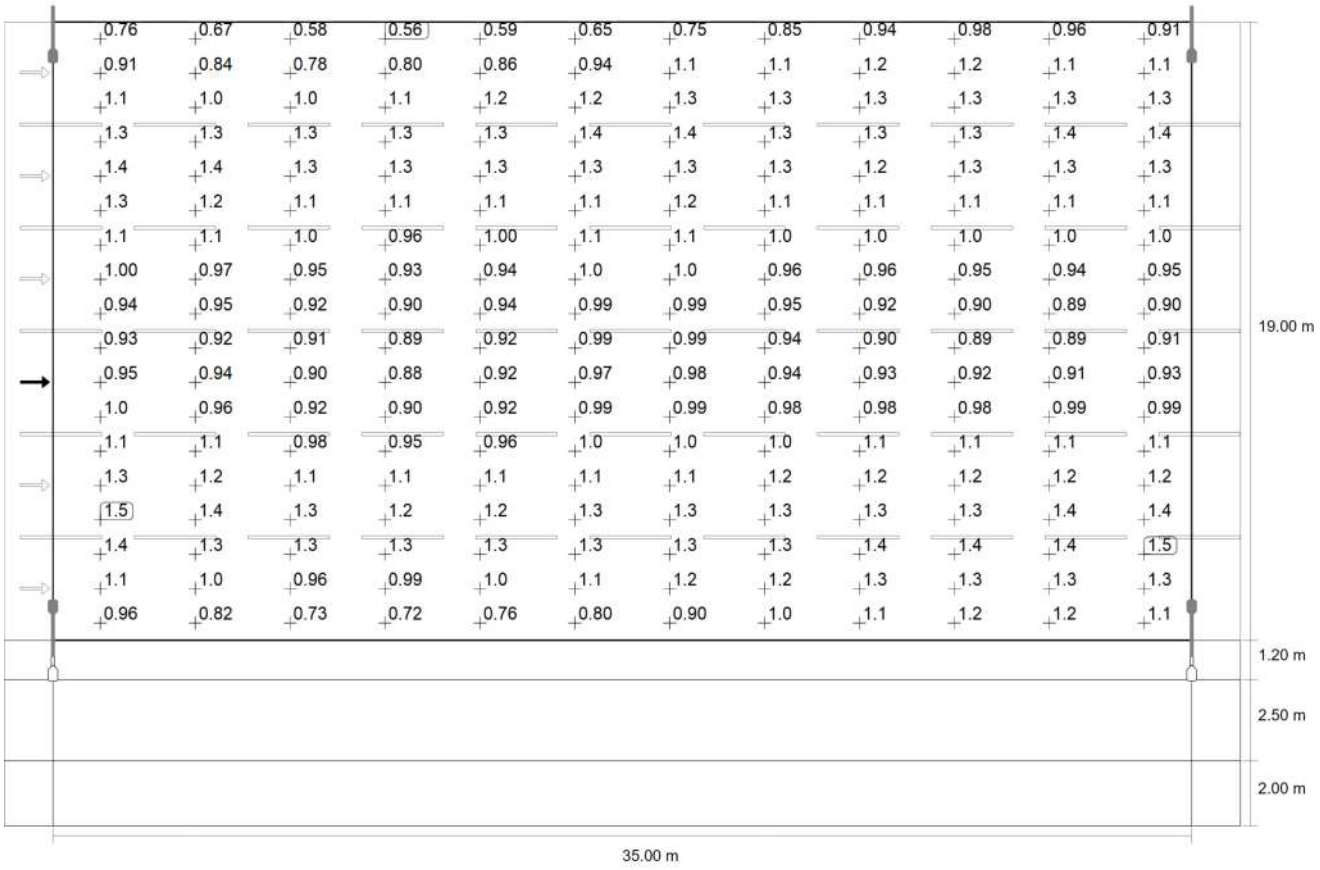
	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 2: Luminance with new installation	1.34 cd/m²	0.62 cd/m²	1.81 cd/m²	0.46	0.34



Observer 3: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

Taikos pr. nuo Rūtų g. iki Kauno g.

Taikos pr. nuo Rūtų g. iki Kauno g. (M3)



Observer 3: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
24.172	0.76	0.67	0.58	0.56	0.59	0.65	0.75	0.85	0.94	0.98	0.96	0.91
23.117	0.91	0.84	0.78	0.80	0.86	0.94	1.05	1.13	1.19	1.18	1.13	1.07
22.061	1.06	1.04	1.04	1.10	1.18	1.24	1.30	1.32	1.33	1.30	1.27	1.28
21.006	1.32	1.32	1.31	1.33	1.35	1.37	1.36	1.33	1.33	1.31	1.36	1.40
19.950	1.43	1.37	1.29	1.25	1.26	1.29	1.27	1.27	1.25	1.26	1.29	1.33
18.894	1.26	1.19	1.10	1.11	1.12	1.13	1.16	1.14	1.14	1.13	1.11	1.13
17.839	1.08	1.07	1.02	0.96	1.00	1.06	1.07	1.03	1.03	1.02	1.00	1.02
16.783	1.00	0.97	0.95	0.93	0.94	1.01	1.01	0.96	0.96	0.95	0.94	0.95
15.728	0.94	0.95	0.92	0.90	0.94	0.99	0.99	0.95	0.92	0.90	0.89	0.90
14.672	0.93	0.92	0.91	0.89	0.92	0.99	0.99	0.94	0.90	0.89	0.89	0.91
13.617	0.95	0.94	0.90	0.88	0.92	0.97	0.98	0.94	0.93	0.92	0.91	0.93
12.561	1.00	0.96	0.92	0.90	0.92	0.99	0.99	0.98	0.98	0.98	0.99	0.99

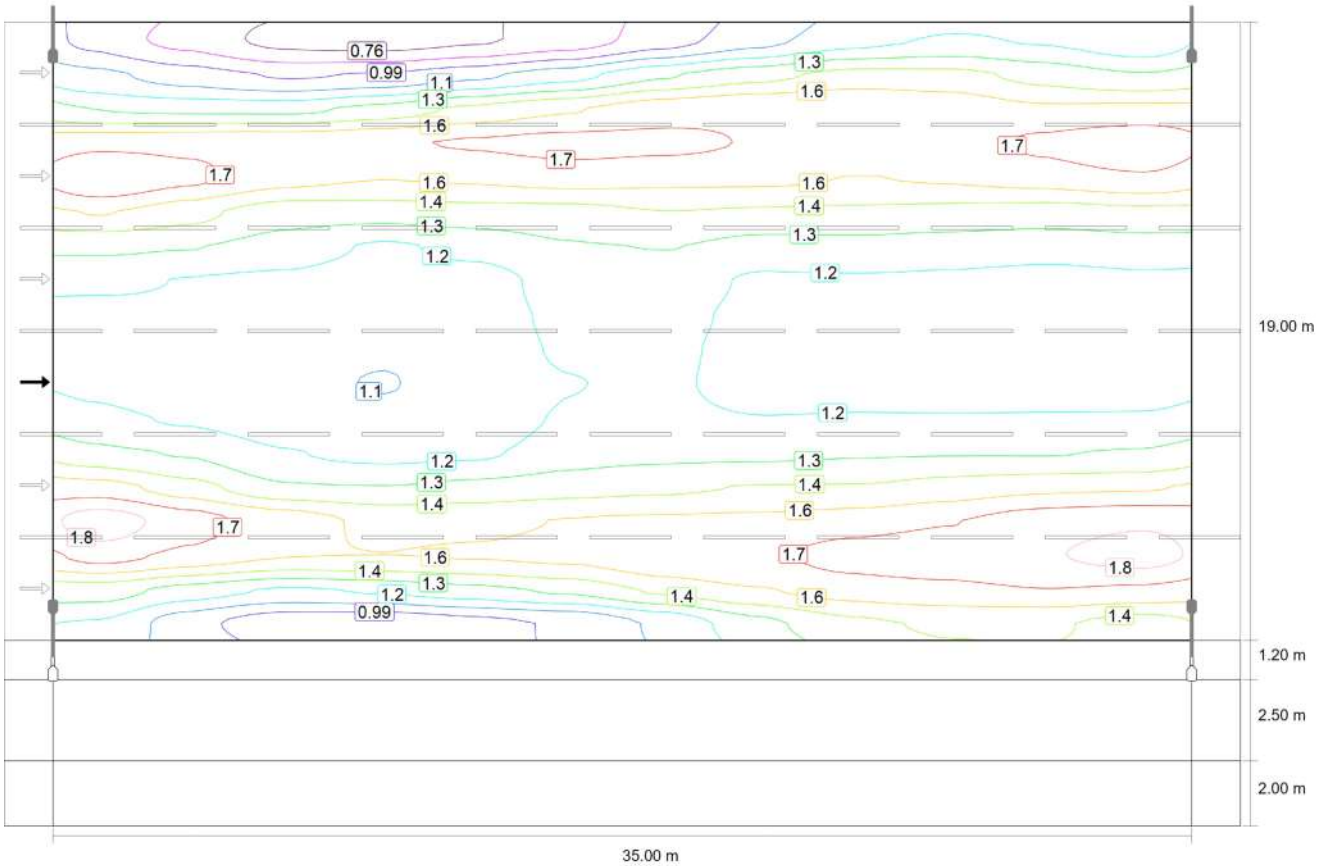
Taikos pr. nuo Rūtų g. iki Kauno g.

Taikos pr. nuo Rūtų g. iki Kauno g. (M3)

m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
11.506	1.09	1.06	0.98	0.95	0.96	1.03	1.05	1.05	1.06	1.06	1.06	1.08
10.450	1.29	1.19	1.08	1.07	1.10	1.12	1.14	1.16	1.16	1.20	1.23	1.24
9.394	1.48	1.38	1.30	1.23	1.23	1.25	1.27	1.28	1.30	1.34	1.40	1.42
8.339	1.38	1.31	1.26	1.25	1.26	1.27	1.33	1.33	1.38	1.40	1.43	1.47
7.283	1.11	1.03	0.96	0.99	1.04	1.09	1.18	1.24	1.29	1.31	1.34	1.32
6.228	0.96	0.82	0.73	0.72	0.76	0.80	0.90	1.04	1.13	1.17	1.17	1.13

Observer 3: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

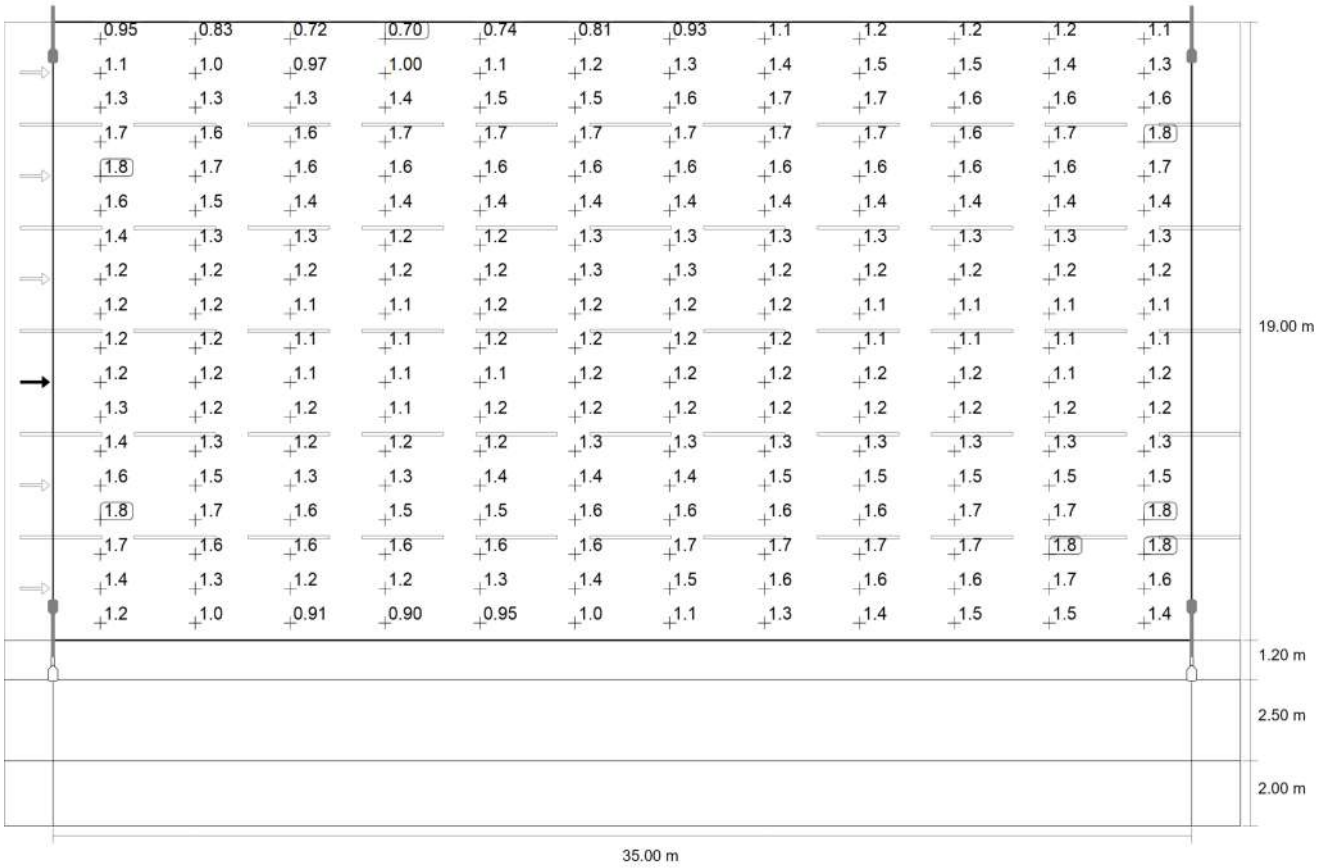
	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 3: Maintenance value, luminance with dry roadway	1.08 cd/m²	0.56 cd/m²	1.48 cd/m²	0.52	0.38



Observer 3: Luminance with new installation [cd/m²] (Iso-illuminance curves)

Taikos pr. nuo Rūtų g. iki Kauno g.

Taikos pr. nuo Rūtų g. iki Kauno g. (M3)



Observer 3: Luminance with new installation [cd/m²] (Value grid)

m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
24.172	0.95	0.83	0.72	0.70	0.74	0.81	0.93	1.06	1.17	1.23	1.20	1.14
23.117	1.13	1.05	0.97	1.00	1.07	1.17	1.32	1.41	1.48	1.48	1.41	1.34
22.061	1.33	1.30	1.30	1.37	1.47	1.55	1.63	1.65	1.67	1.63	1.58	1.60
21.006	1.65	1.65	1.63	1.66	1.69	1.71	1.70	1.67	1.67	1.64	1.70	1.76
19.950	1.78	1.71	1.61	1.57	1.58	1.61	1.59	1.59	1.56	1.58	1.61	1.66
18.894	1.57	1.48	1.38	1.38	1.40	1.41	1.45	1.43	1.42	1.41	1.39	1.42
17.839	1.35	1.34	1.28	1.21	1.25	1.32	1.34	1.28	1.29	1.27	1.26	1.28
16.783	1.25	1.21	1.19	1.16	1.18	1.26	1.26	1.20	1.20	1.19	1.17	1.19
15.728	1.18	1.18	1.14	1.13	1.17	1.24	1.24	1.19	1.15	1.12	1.11	1.13
14.672	1.16	1.15	1.13	1.11	1.15	1.24	1.23	1.18	1.12	1.11	1.11	1.13
13.617	1.19	1.17	1.13	1.10	1.15	1.22	1.23	1.18	1.16	1.15	1.14	1.16
12.561	1.25	1.20	1.15	1.12	1.16	1.23	1.24	1.22	1.23	1.23	1.23	1.23

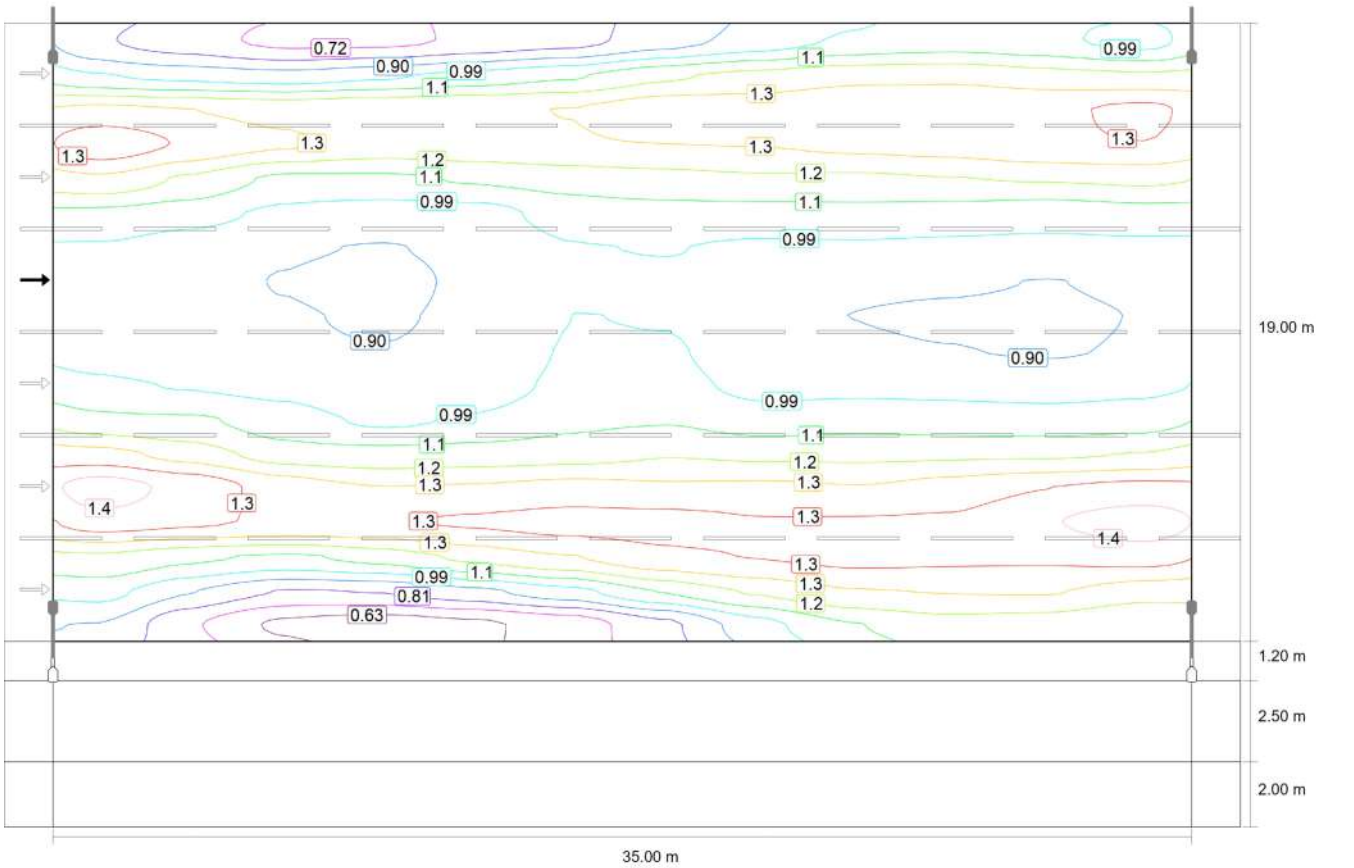
Taikos pr. nuo Rūtų g. iki Kauno g.

Taikos pr. nuo Rūtų g. iki Kauno g. (M3)

m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
11.506	1.37	1.32	1.23	1.19	1.20	1.29	1.31	1.31	1.32	1.33	1.33	1.35
10.450	1.61	1.49	1.35	1.33	1.37	1.40	1.43	1.45	1.46	1.50	1.54	1.55
9.394	1.85	1.73	1.62	1.54	1.54	1.57	1.59	1.59	1.63	1.67	1.74	1.78
8.339	1.72	1.64	1.57	1.56	1.57	1.59	1.66	1.66	1.72	1.75	1.78	1.84
7.283	1.38	1.29	1.20	1.24	1.30	1.36	1.48	1.55	1.61	1.64	1.67	1.65
6.228	1.20	1.03	0.91	0.90	0.95	1.00	1.13	1.30	1.42	1.46	1.46	1.41

Observer 3: Luminance with new installation [cd/m²] (Value chart)

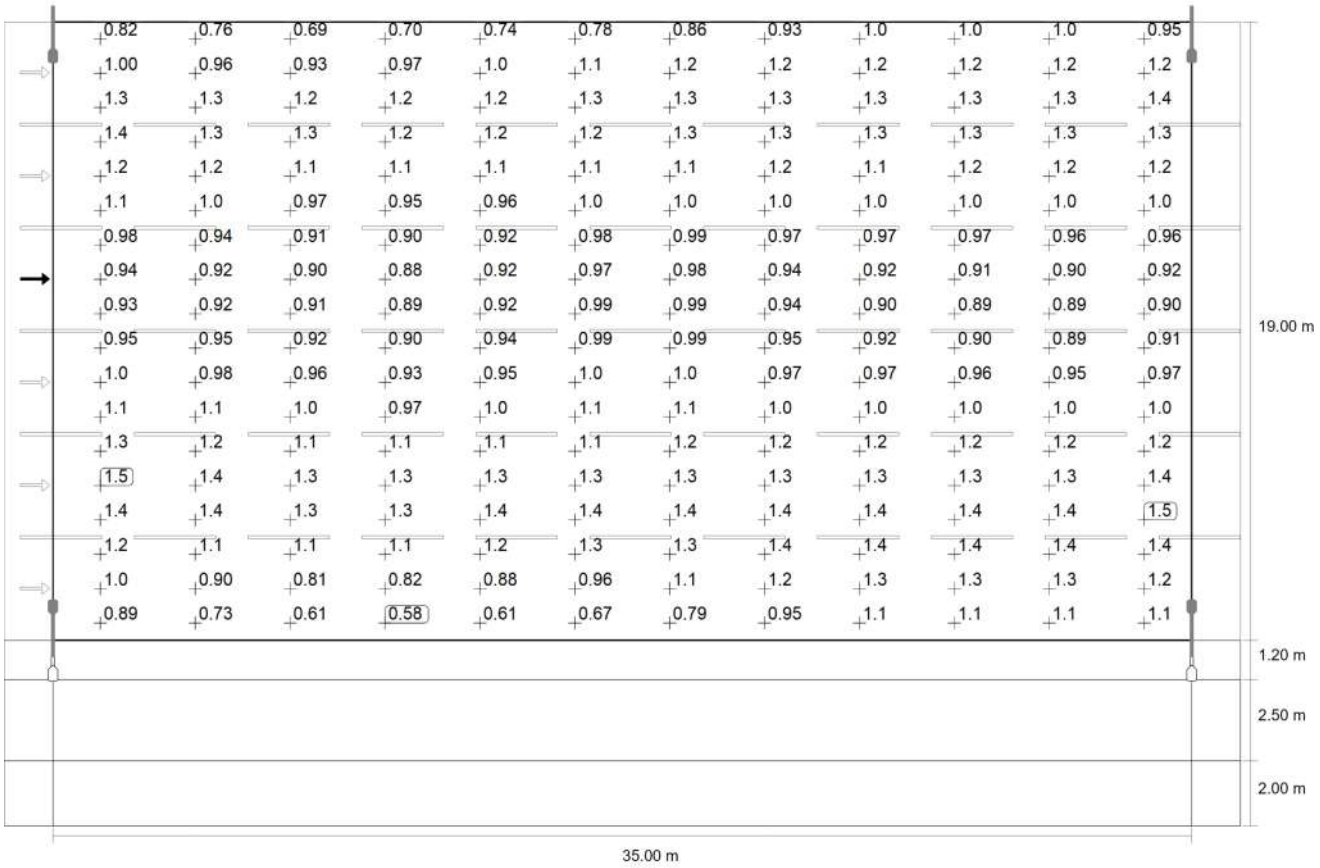
	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 3: Luminance with new installation	1.35 cd/m²	0.70 cd/m²	1.85 cd/m²	0.52	0.38



Observer 4: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

Taikos pr. nuo Rūtų g. iki Kauno g.

Taikos pr. nuo Rūtų g. iki Kauno g. (M3)



Observer 4: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
24.172	0.82	0.76	0.69	0.70	0.74	0.78	0.86	0.93	1.01	1.03	1.01	0.95
23.117	1.00	0.96	0.93	0.97	1.02	1.07	1.15	1.19	1.23	1.24	1.20	1.19
22.061	1.29	1.26	1.23	1.24	1.25	1.26	1.31	1.31	1.35	1.34	1.34	1.36
21.006	1.41	1.34	1.27	1.22	1.23	1.25	1.26	1.26	1.28	1.29	1.33	1.35
19.950	1.24	1.15	1.06	1.06	1.09	1.12	1.13	1.15	1.15	1.17	1.17	1.19
18.894	1.06	1.03	0.97	0.95	0.96	1.03	1.04	1.04	1.05	1.04	1.02	1.04
17.839	0.98	0.94	0.91	0.90	0.92	0.98	0.99	0.97	0.97	0.97	0.96	0.96
16.783	0.94	0.92	0.90	0.88	0.92	0.97	0.98	0.94	0.92	0.91	0.90	0.92
15.728	0.93	0.92	0.91	0.89	0.92	0.99	0.99	0.94	0.90	0.89	0.89	0.90
14.672	0.95	0.95	0.92	0.90	0.94	0.99	0.99	0.95	0.92	0.90	0.89	0.91
13.617	1.01	0.98	0.96	0.93	0.95	1.01	1.01	0.97	0.97	0.96	0.95	0.97
12.561	1.10	1.09	1.03	0.97	1.00	1.06	1.07	1.03	1.04	1.04	1.03	1.04

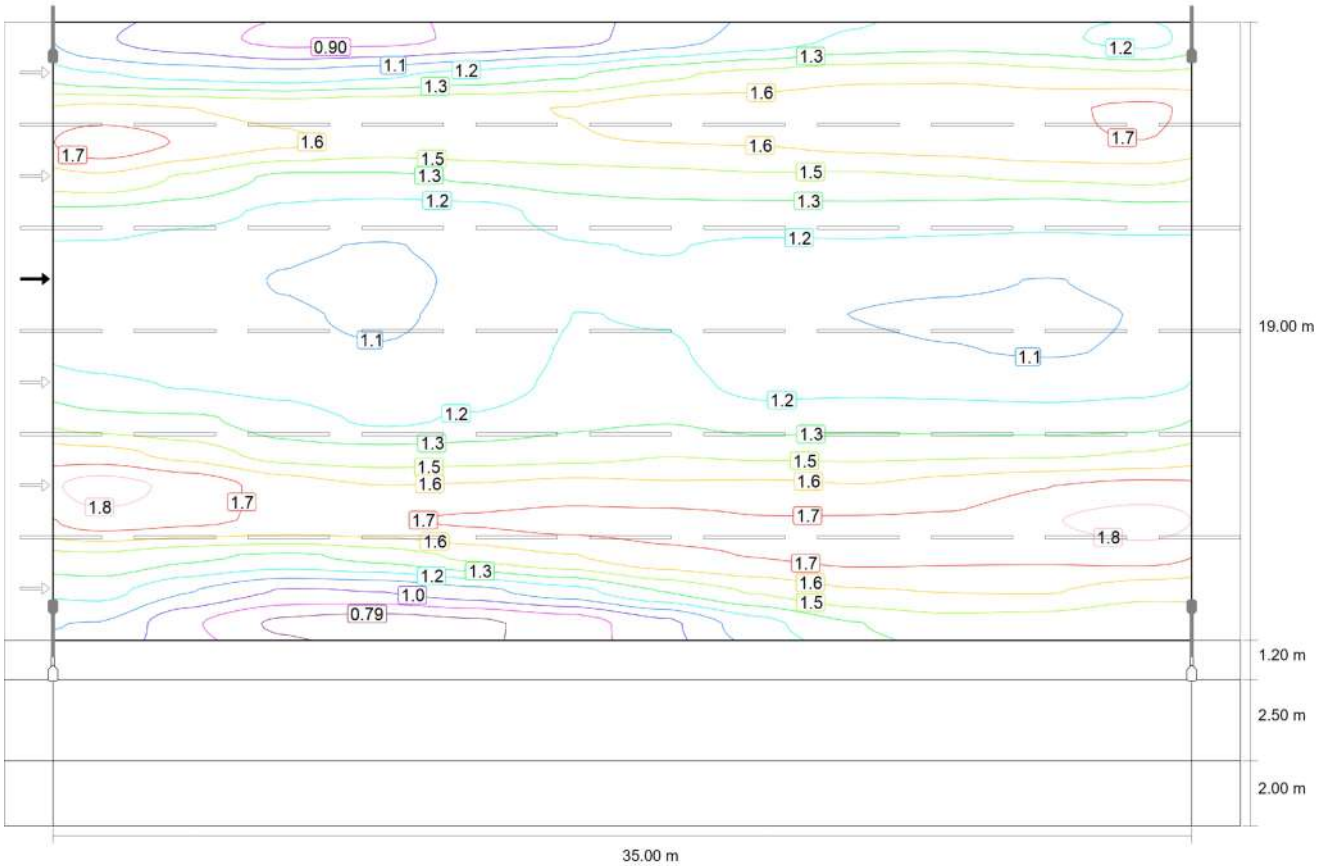
Taikos pr. nuo Rūtų g. iki Kauno g.

Taikos pr. nuo Rūtų g. iki Kauno g. (M3)

m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
11.506	1.29	1.22	1.12	1.11	1.12	1.13	1.16	1.15	1.15	1.15	1.15	1.17
10.450	1.48	1.41	1.31	1.26	1.27	1.30	1.28	1.28	1.26	1.30	1.35	1.38
9.394	1.39	1.37	1.33	1.34	1.36	1.38	1.38	1.35	1.36	1.36	1.43	1.48
8.339	1.15	1.10	1.07	1.11	1.20	1.26	1.33	1.35	1.37	1.37	1.36	1.38
7.283	1.02	0.90	0.81	0.82	0.88	0.96	1.09	1.18	1.25	1.26	1.27	1.21
6.228	0.89	0.73	0.61	0.58	0.61	0.67	0.79	0.95	1.07	1.13	1.12	1.08

Observer 4: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

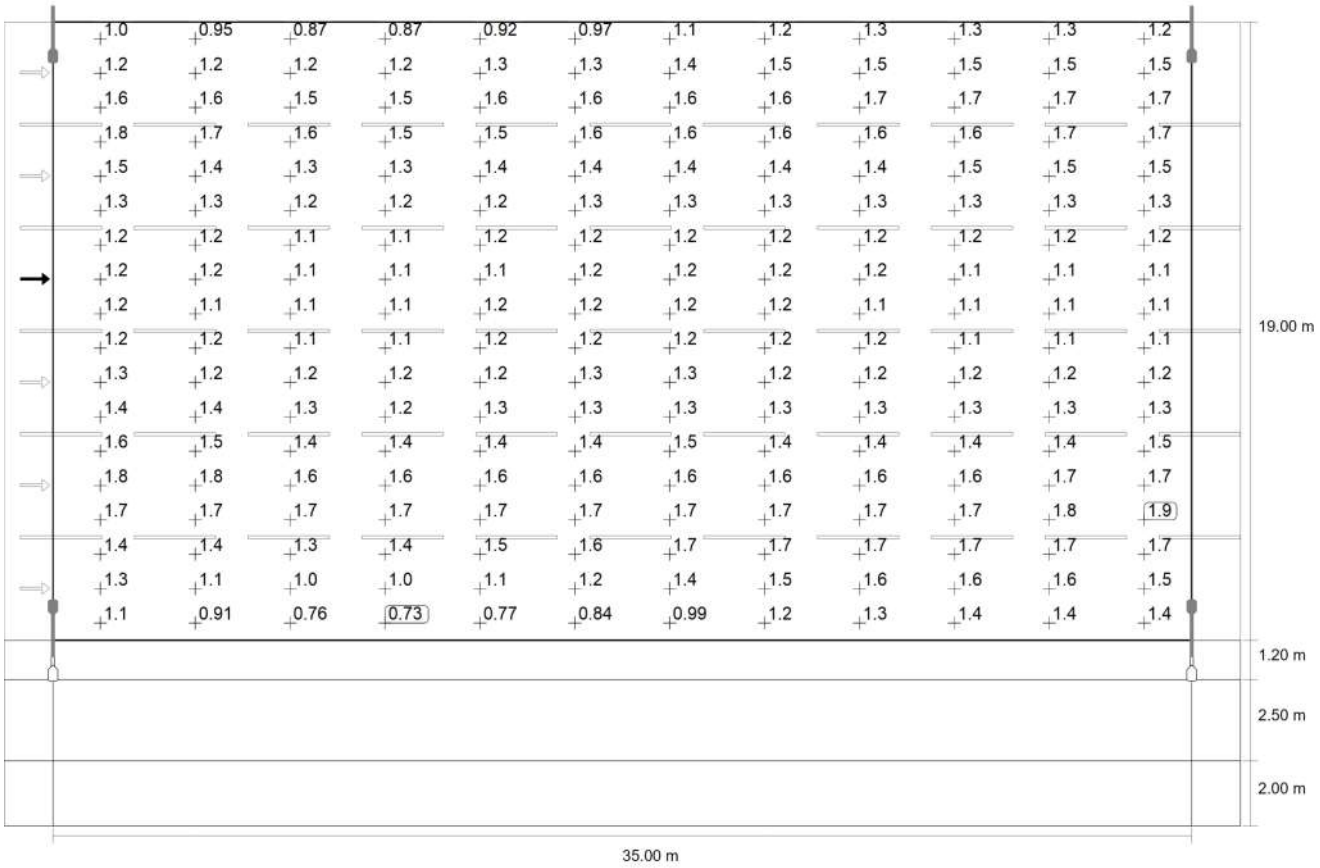
	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 4: Maintenance value, luminance with dry roadway	1.08 cd/m²	0.58 cd/m²	1.48 cd/m²	0.54	0.39



Observer 4: Luminance with new installation [cd/m²] (Iso-illuminance curves)

Taikos pr. nuo Rūtų g. iki Kauno g.

Taikos pr. nuo Rūtų g. iki Kauno g. (M3)



Observer 4: Luminance with new installation [cd/m²] (Value grid)

m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
24.172	1.03	0.95	0.87	0.87	0.92	0.97	1.07	1.17	1.26	1.29	1.26	1.19
23.117	1.24	1.20	1.17	1.21	1.27	1.33	1.44	1.49	1.54	1.55	1.50	1.48
22.061	1.61	1.57	1.54	1.55	1.56	1.58	1.64	1.63	1.68	1.68	1.67	1.71
21.006	1.76	1.67	1.59	1.53	1.53	1.56	1.57	1.58	1.60	1.61	1.66	1.68
19.950	1.55	1.44	1.32	1.33	1.36	1.40	1.42	1.44	1.44	1.46	1.47	1.48
18.894	1.33	1.28	1.21	1.18	1.20	1.28	1.30	1.30	1.31	1.30	1.28	1.30
17.839	1.22	1.18	1.14	1.12	1.15	1.23	1.24	1.22	1.22	1.21	1.20	1.21
16.783	1.17	1.16	1.12	1.10	1.15	1.21	1.23	1.17	1.15	1.14	1.12	1.15
15.728	1.16	1.15	1.13	1.11	1.15	1.24	1.23	1.18	1.12	1.11	1.11	1.13
14.672	1.18	1.19	1.15	1.13	1.17	1.24	1.24	1.19	1.15	1.13	1.11	1.14
13.617	1.26	1.23	1.20	1.17	1.18	1.26	1.26	1.21	1.21	1.21	1.19	1.21
12.561	1.38	1.36	1.29	1.21	1.25	1.33	1.34	1.29	1.30	1.30	1.29	1.31

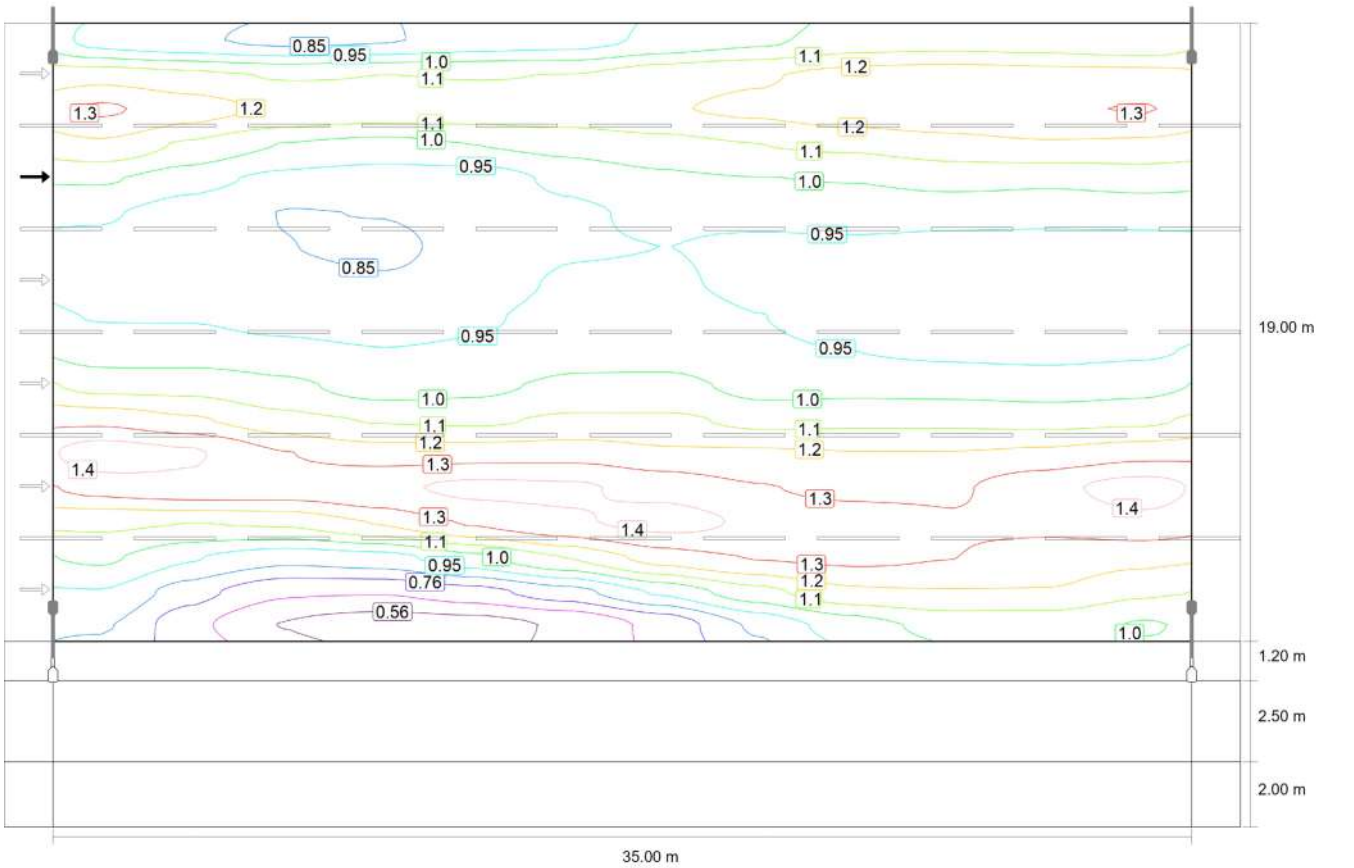
Taikos pr. nuo Rūtų g. iki Kauno g.

Taikos pr. nuo Rūtų g. iki Kauno g. (M3)

m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
11.506	1.61	1.52	1.40	1.39	1.40	1.41	1.45	1.44	1.44	1.44	1.44	1.46
10.450	1.85	1.76	1.64	1.58	1.59	1.62	1.60	1.60	1.58	1.63	1.68	1.73
9.394	1.74	1.71	1.67	1.67	1.70	1.72	1.72	1.69	1.70	1.70	1.79	1.85
8.339	1.44	1.37	1.33	1.39	1.49	1.57	1.66	1.69	1.72	1.71	1.70	1.73
7.283	1.27	1.13	1.01	1.02	1.10	1.20	1.36	1.48	1.57	1.58	1.58	1.51
6.228	1.12	0.91	0.76	0.73	0.77	0.84	0.99	1.19	1.34	1.42	1.41	1.35

Observer 4: Luminance with new installation [cd/m²] (Value chart)

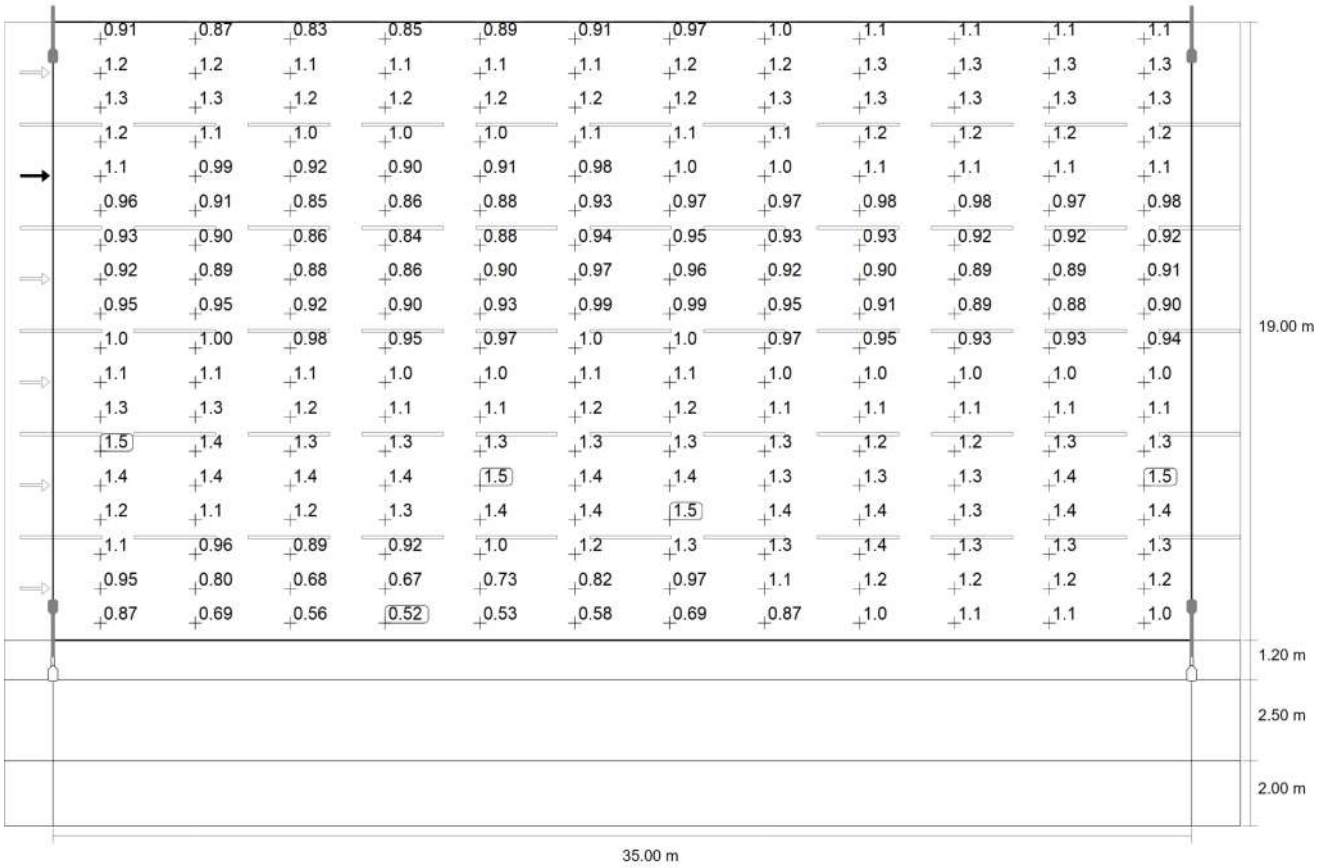
	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 4: Luminance with new installation	1.35 cd/m²	0.73 cd/m²	1.85 cd/m²	0.54	0.39



Observer 5: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

Taikos pr. nuo Rūtų g. iki Kauno g.

Taikos pr. nuo Rūtų g. iki Kauno g. (M3)



Observer 5: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
24.172	0.91	0.87	0.83	0.85	0.89	0.91	0.97	1.03	1.09	1.10	1.09	1.06
23.117	1.21	1.17	1.14	1.14	1.14	1.15	1.20	1.23	1.27	1.29	1.28	1.28
22.061	1.35	1.28	1.22	1.20	1.19	1.19	1.23	1.26	1.30	1.32	1.33	1.34
21.006	1.22	1.13	1.04	1.01	1.05	1.08	1.11	1.14	1.16	1.20	1.23	1.22
19.950	1.06	0.99	0.92	0.90	0.91	0.98	1.03	1.05	1.05	1.07	1.06	1.08
18.894	0.96	0.91	0.85	0.86	0.88	0.93	0.97	0.97	0.98	0.98	0.97	0.98
17.839	0.93	0.90	0.86	0.84	0.88	0.94	0.95	0.93	0.93	0.92	0.92	0.92
16.783	0.92	0.89	0.88	0.86	0.90	0.97	0.96	0.92	0.90	0.89	0.89	0.91
15.728	0.95	0.95	0.92	0.90	0.93	0.99	0.99	0.95	0.91	0.89	0.88	0.90
14.672	1.01	1.00	0.98	0.95	0.97	1.02	1.02	0.97	0.95	0.93	0.93	0.94
13.617	1.11	1.12	1.07	1.00	1.02	1.07	1.07	1.01	1.02	1.01	1.00	1.02
12.561	1.31	1.25	1.17	1.14	1.13	1.16	1.16	1.11	1.12	1.12	1.11	1.12

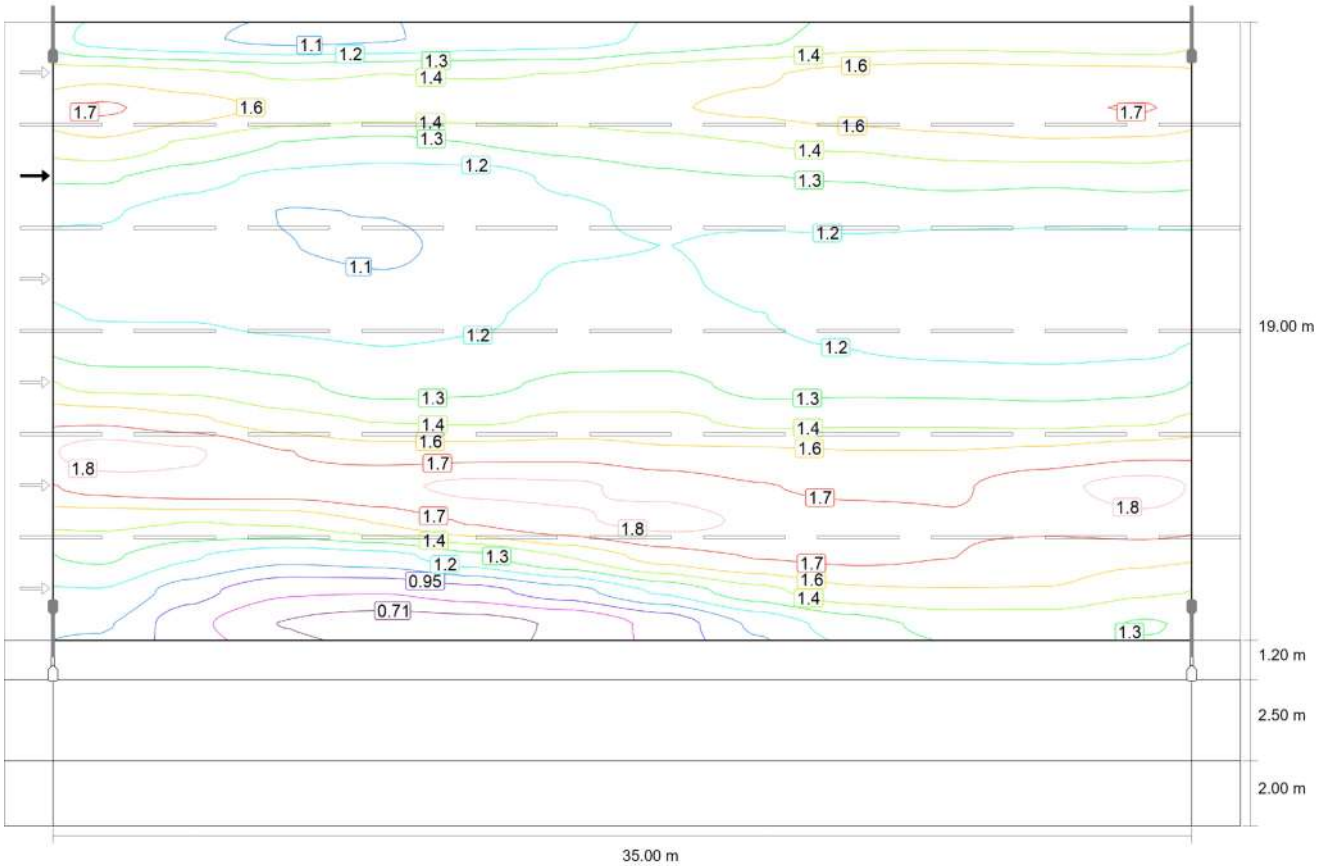
Taikos pr. nuo Rūtų g. iki Kauno g.

Taikos pr. nuo Rūtų g. iki Kauno g. (M3)

m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
11.506	1.48	1.44	1.34	1.29	1.30	1.30	1.26	1.26	1.24	1.24	1.27	1.31
10.450	1.37	1.40	1.39	1.42	1.45	1.44	1.41	1.34	1.31	1.32	1.40	1.47
9.394	1.16	1.15	1.16	1.25	1.35	1.42	1.46	1.41	1.38	1.34	1.36	1.40
8.339	1.06	0.96	0.89	0.92	1.03	1.15	1.29	1.34	1.36	1.34	1.29	1.26
7.283	0.95	0.80	0.68	0.67	0.73	0.82	0.97	1.11	1.22	1.24	1.23	1.16
6.228	0.87	0.69	0.56	0.52	0.53	0.58	0.69	0.87	1.00	1.08	1.08	1.04

Observer 5: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

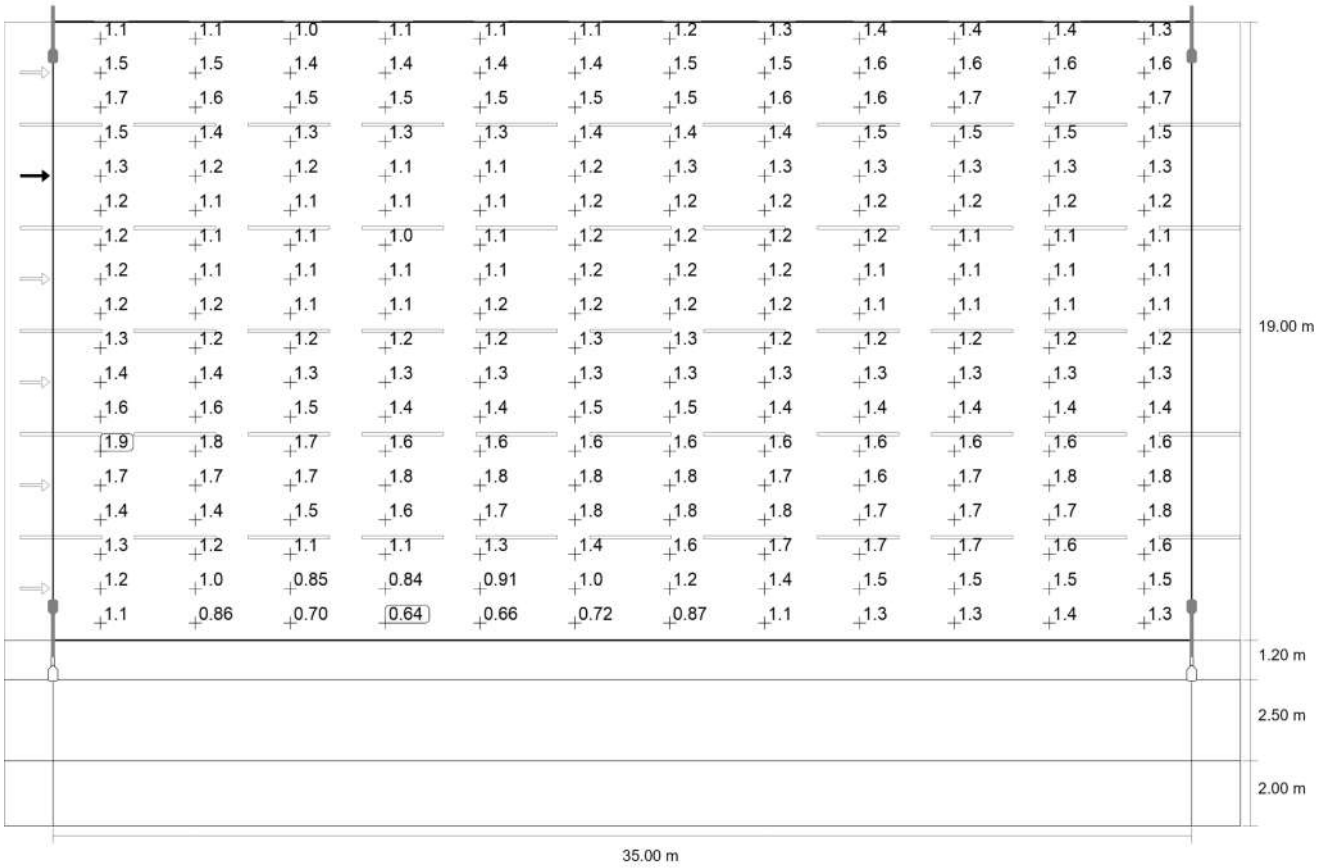
	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 5: Maintenance value, luminance with dry roadway	1.08 cd/m²	0.52 cd/m²	1.48 cd/m²	0.48	0.35



Observer 5: Luminance with new installation [cd/m²] (Iso-illuminance curves)

Taikos pr. nuo Rūtų g. iki Kauno g.

Taikos pr. nuo Rūtų g. iki Kauno g. (M3)



Observer 5: Luminance with new installation [cd/m²] (Value grid)

m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
24.172	1.14	1.09	1.04	1.06	1.11	1.14	1.22	1.28	1.36	1.37	1.36	1.32
23.117	1.51	1.46	1.42	1.43	1.42	1.43	1.50	1.54	1.59	1.61	1.60	1.60
22.061	1.69	1.60	1.53	1.50	1.48	1.49	1.54	1.57	1.63	1.65	1.66	1.68
21.006	1.52	1.41	1.31	1.27	1.31	1.35	1.39	1.43	1.45	1.50	1.53	1.52
19.950	1.32	1.24	1.15	1.13	1.13	1.22	1.28	1.31	1.31	1.34	1.33	1.35
18.894	1.20	1.13	1.06	1.07	1.10	1.17	1.21	1.21	1.23	1.23	1.22	1.23
17.839	1.16	1.12	1.07	1.05	1.10	1.18	1.19	1.17	1.16	1.15	1.15	1.15
16.783	1.15	1.12	1.11	1.08	1.12	1.21	1.20	1.15	1.13	1.11	1.11	1.14
15.728	1.18	1.18	1.15	1.13	1.17	1.24	1.24	1.19	1.13	1.11	1.11	1.13
14.672	1.26	1.25	1.23	1.19	1.21	1.27	1.27	1.22	1.19	1.17	1.16	1.17
13.617	1.39	1.39	1.34	1.25	1.28	1.33	1.34	1.27	1.27	1.26	1.25	1.28
12.561	1.64	1.56	1.47	1.42	1.41	1.45	1.45	1.39	1.40	1.40	1.39	1.40

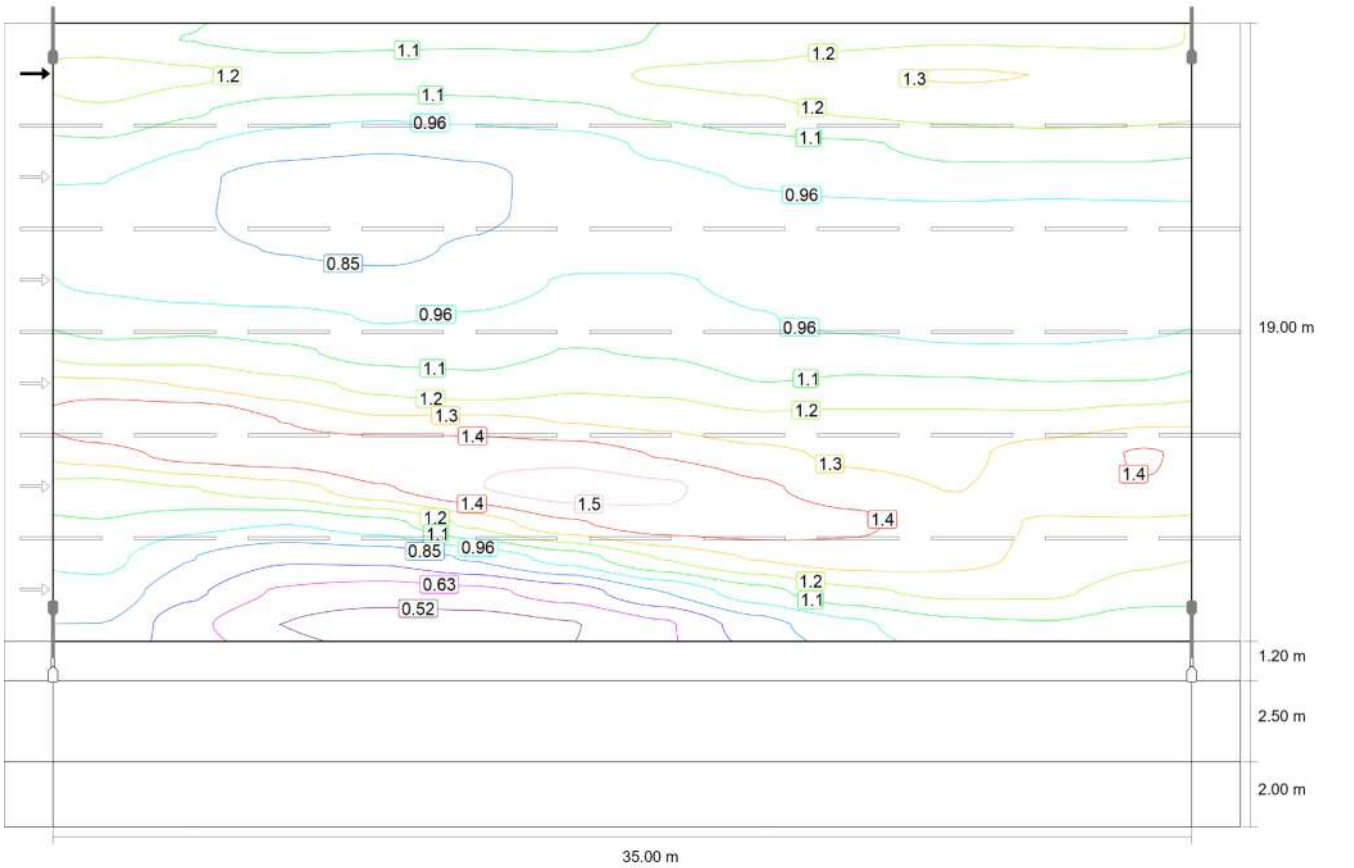
Taikos pr. nuo Rūtų g. iki Kauno g.

Taikos pr. nuo Rūtų g. iki Kauno g. (M3)

m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
11.506	1.85	1.80	1.67	1.62	1.62	1.63	1.58	1.57	1.55	1.56	1.58	1.64
10.450	1.71	1.75	1.74	1.77	1.82	1.80	1.76	1.68	1.63	1.65	1.75	1.83
9.394	1.45	1.43	1.45	1.56	1.69	1.77	1.83	1.77	1.73	1.68	1.70	1.75
8.339	1.33	1.20	1.11	1.15	1.28	1.44	1.61	1.68	1.70	1.67	1.61	1.58
7.283	1.18	1.00	0.85	0.84	0.91	1.03	1.22	1.39	1.53	1.54	1.54	1.45
6.228	1.08	0.86	0.70	0.64	0.66	0.72	0.87	1.09	1.25	1.35	1.35	1.30

Observer 5: Luminance with new installation [cd/m²] (Value chart)

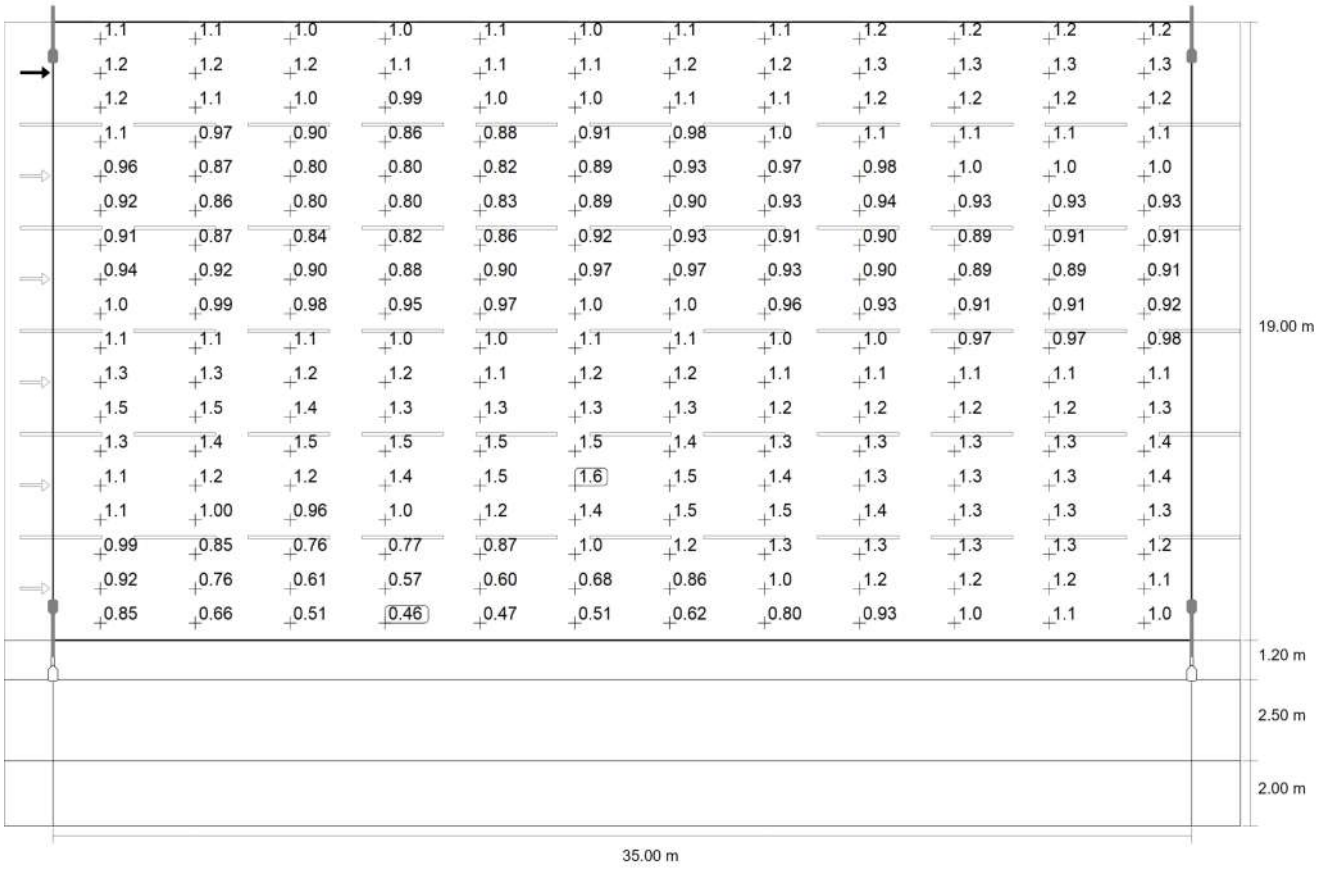
	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 5: Luminance with new installation	1.35 cd/m²	0.64 cd/m²	1.85 cd/m²	0.48	0.35



Observer 6: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

Taikos pr. nuo Rūtų g. iki Kauno g.

Taikos pr. nuo Rūtų g. iki Kauno g. (M3)



Observer 6: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
24.172	1.11	1.07	1.03	1.04	1.06	1.04	1.08	1.10	1.16	1.17	1.17	1.16
23.117	1.25	1.20	1.15	1.15	1.14	1.15	1.20	1.22	1.28	1.30	1.29	1.28
22.061	1.16	1.08	1.01	0.99	1.01	1.05	1.10	1.14	1.20	1.22	1.23	1.23
21.006	1.05	0.97	0.90	0.86	0.88	0.91	0.98	1.04	1.06	1.11	1.12	1.10
19.950	0.96	0.87	0.80	0.80	0.82	0.89	0.93	0.97	0.98	1.02	1.01	1.02
18.894	0.92	0.86	0.80	0.80	0.83	0.89	0.90	0.93	0.94	0.93	0.93	0.93
17.839	0.91	0.87	0.84	0.82	0.86	0.92	0.93	0.91	0.90	0.89	0.91	0.91
16.783	0.94	0.92	0.90	0.88	0.90	0.97	0.97	0.93	0.90	0.89	0.89	0.91
15.728	1.02	0.99	0.98	0.95	0.97	1.01	1.01	0.96	0.93	0.91	0.91	0.92
14.672	1.11	1.14	1.09	1.03	1.04	1.07	1.06	1.01	1.00	0.97	0.97	0.98
13.617	1.33	1.28	1.22	1.15	1.11	1.17	1.15	1.07	1.10	1.10	1.08	1.08
12.561	1.50	1.49	1.40	1.30	1.31	1.28	1.26	1.21	1.21	1.21	1.21	1.26

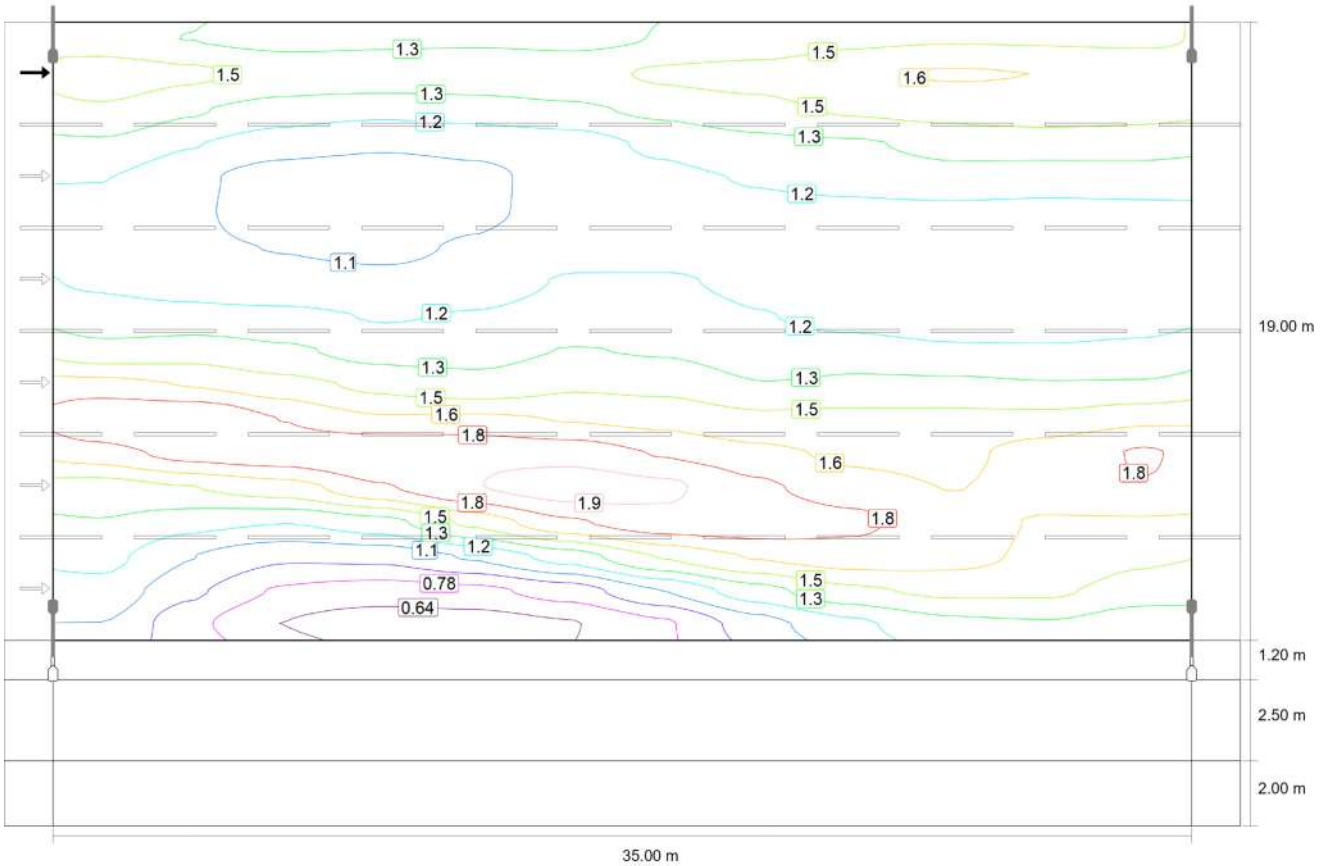
Taikos pr. nuo Rūtų g. iki Kauno g.

Taikos pr. nuo Rūtų g. iki Kauno g. (M3)

m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
11.506	1.35	1.44	1.47	1.50	1.49	1.47	1.39	1.32	1.27	1.27	1.33	1.41
10.450	1.13	1.18	1.24	1.39	1.51	1.57	1.53	1.42	1.34	1.29	1.34	1.40
9.394	1.06	1.00	0.96	1.03	1.21	1.39	1.47	1.47	1.42	1.34	1.28	1.28
8.339	0.99	0.85	0.76	0.77	0.87	1.02	1.19	1.30	1.35	1.33	1.27	1.20
7.283	0.92	0.76	0.61	0.57	0.60	0.68	0.86	1.03	1.16	1.21	1.20	1.12
6.228	0.85	0.66	0.51	0.46	0.47	0.51	0.62	0.80	0.93	1.04	1.06	1.02

Observer 6: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

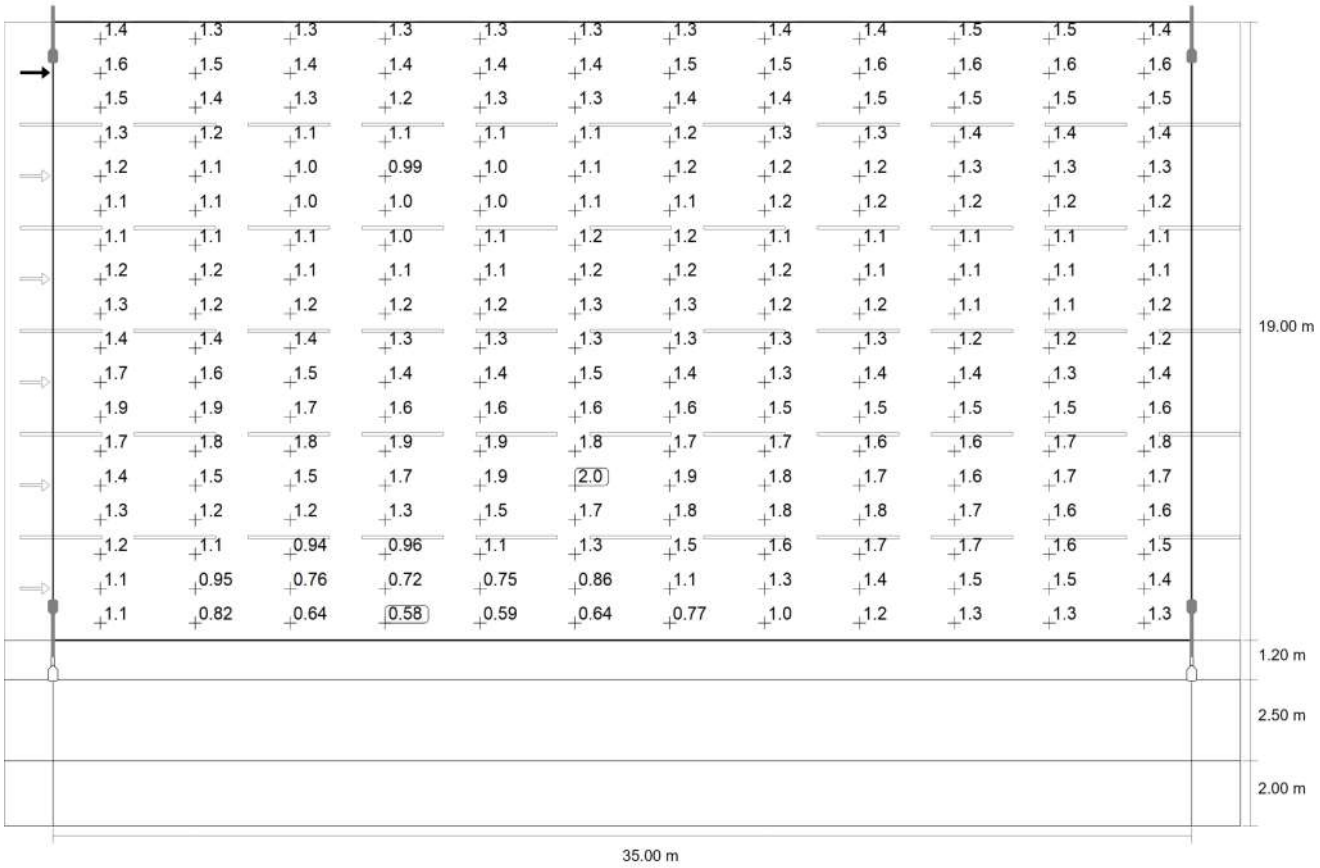
	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 6: Maintenance value, luminance with dry roadway	1.07 cd/m²	0.46 cd/m²	1.57 cd/m²	0.43	0.29



Observer 6: Luminance with new installation [cd/m²] (Iso-illuminance curves)

Taikos pr. nuo Rūtų g. iki Kauno g.

Taikos pr. nuo Rūtų g. iki Kauno g. (M3)



Observer 6: Luminance with new installation [cd/m²] (Value grid)

m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
24.172	1.39	1.33	1.29	1.31	1.32	1.30	1.34	1.38	1.44	1.47	1.46	1.45
23.117	1.56	1.50	1.44	1.44	1.43	1.43	1.50	1.52	1.59	1.62	1.61	1.60
22.061	1.45	1.36	1.27	1.23	1.26	1.31	1.37	1.43	1.50	1.52	1.54	1.54
21.006	1.32	1.21	1.12	1.08	1.10	1.14	1.23	1.30	1.32	1.38	1.40	1.38
19.950	1.20	1.09	1.00	0.99	1.03	1.11	1.16	1.21	1.23	1.27	1.26	1.28
18.894	1.14	1.08	1.00	1.00	1.04	1.11	1.12	1.16	1.17	1.16	1.16	1.16
17.839	1.14	1.09	1.05	1.03	1.08	1.15	1.16	1.14	1.13	1.11	1.13	1.14
16.783	1.18	1.15	1.12	1.10	1.13	1.21	1.21	1.16	1.12	1.11	1.11	1.13
15.728	1.27	1.24	1.23	1.19	1.21	1.26	1.26	1.20	1.16	1.14	1.14	1.15
14.672	1.38	1.42	1.36	1.28	1.29	1.34	1.32	1.26	1.25	1.22	1.21	1.23
13.617	1.66	1.60	1.52	1.44	1.39	1.46	1.44	1.34	1.38	1.37	1.35	1.35
12.561	1.87	1.86	1.74	1.63	1.64	1.60	1.57	1.51	1.51	1.51	1.52	1.58

Taikos pr. nuo Rūtų g. iki Kauno g.

Taikos pr. nuo Rūtų g. iki Kauno g. (M3)

m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
11.506	1.68	1.81	1.84	1.87	1.86	1.84	1.74	1.65	1.58	1.59	1.67	1.76
10.450	1.42	1.48	1.55	1.73	1.89	1.96	1.91	1.78	1.67	1.61	1.68	1.75
9.394	1.33	1.25	1.20	1.29	1.52	1.73	1.84	1.83	1.78	1.67	1.60	1.60
8.339	1.24	1.06	0.94	0.96	1.09	1.27	1.49	1.63	1.68	1.66	1.58	1.50
7.283	1.15	0.95	0.76	0.72	0.75	0.86	1.07	1.29	1.45	1.51	1.50	1.40
6.228	1.06	0.82	0.64	0.58	0.59	0.64	0.77	1.00	1.17	1.30	1.32	1.27

Observer 6: Luminance with new installation [cd/m²] (Value chart)

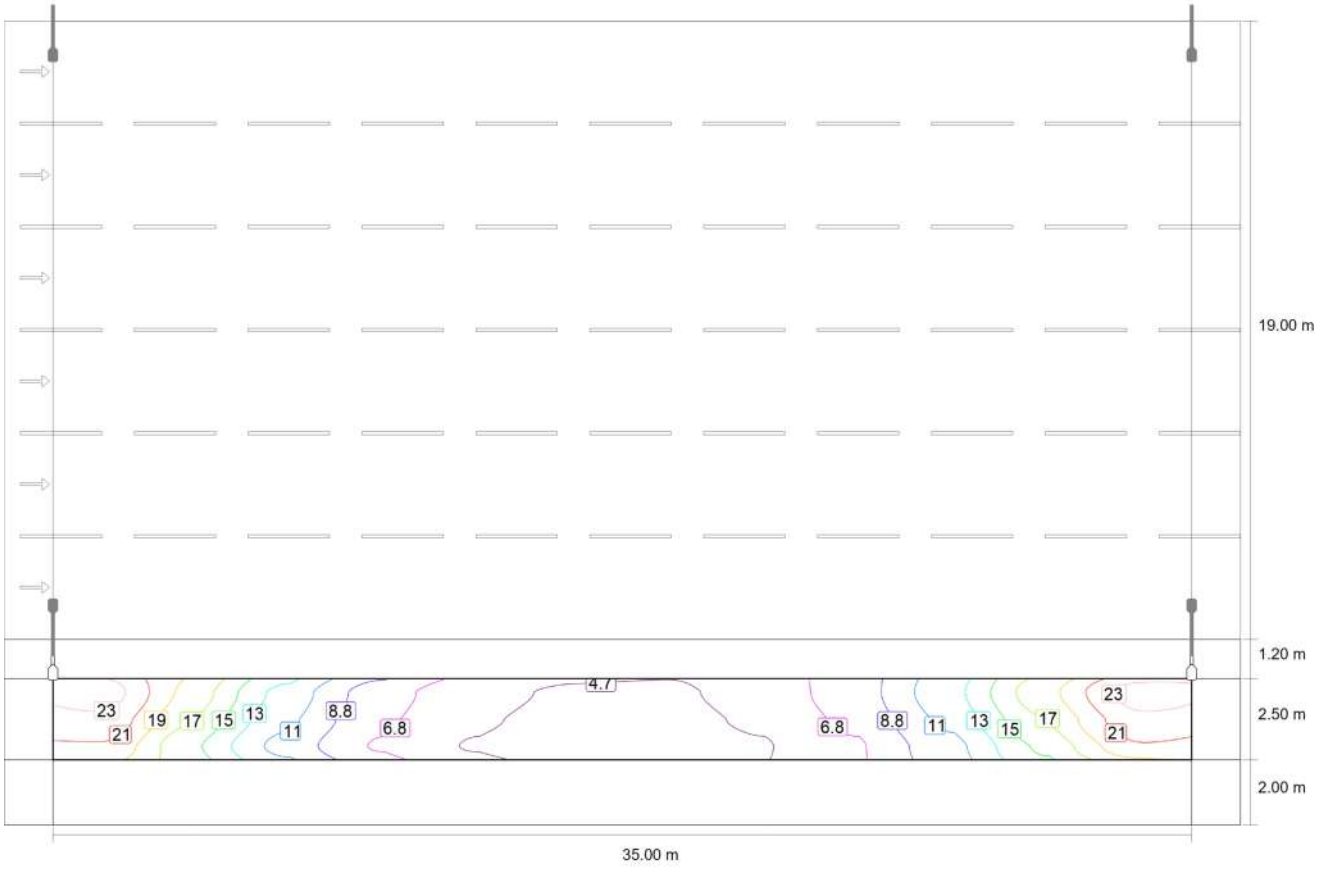
	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 6: Luminance with new installation	1.33 cd/m²	0.58 cd/m²	1.96 cd/m²	0.43	0.29

Taikos pr. nuo Rūtų g. iki Kauno g.

Bicycle lane (P3)

Results for valuation field

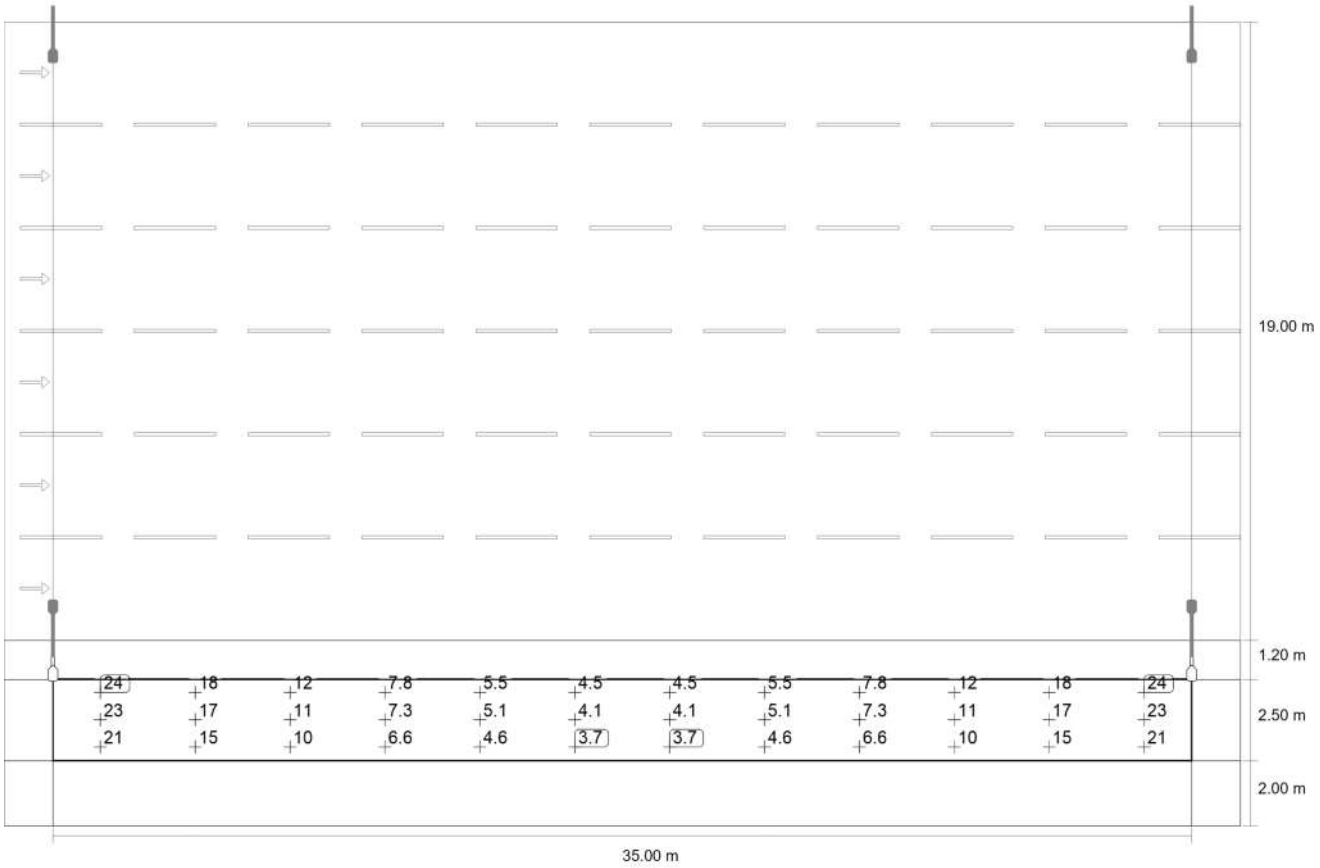
	Symbol	Calculated	Target	Check
Bicycle lane (P3)	E_{av}	11.15 lx	[7.50 - 11.25] lx	✓
	E_{min}	3.73 lx	≥ 1.50 lx	✓



Maintenance value, horizontal illuminance [lx] (Iso-illuminance curves)

Taikos pr. nuo Rūtų g. iki Kauno g.

Bicycle lane (P3)



Maintenance value, horizontal illuminance [lx] (Value grid)

m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
4.083	24.06	18.27	12.22	7.81	5.50	4.50	4.50	5.50	7.81	12.22	18.27	24.06
3.250	22.50	16.93	11.33	7.27	5.08	4.15	4.15	5.08	7.27	11.33	16.93	22.50
2.417	20.67	15.32	10.18	6.57	4.60	3.73	3.73	4.60	6.57	10.18	15.32	20.67

Maintenance value, horizontal illuminance [lx] (Value chart)

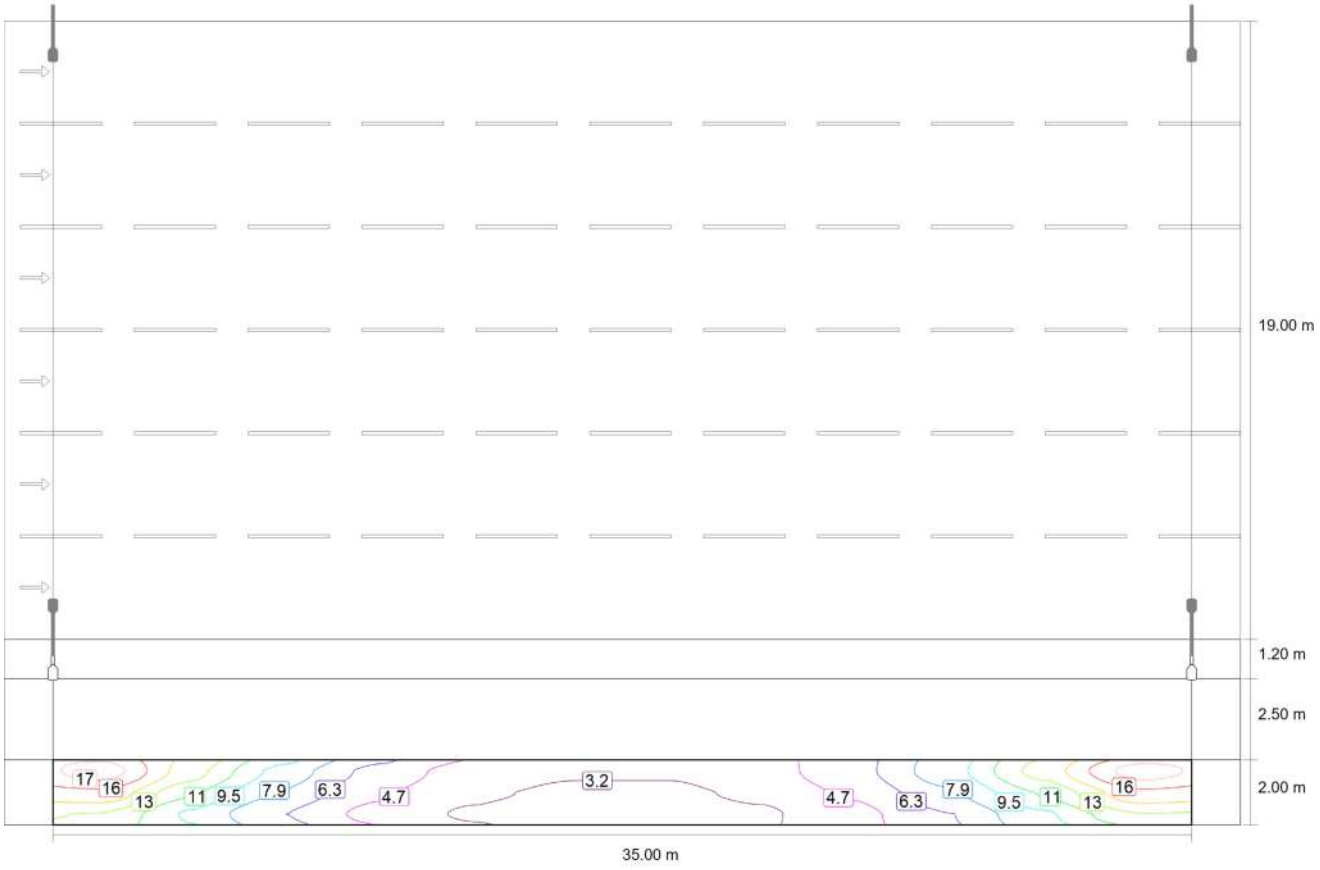
	E_{av}	E_{min}	E_{max}	U_o (g_1)	g_2
Maintenance value, horizontal illuminance	11.1 lx	3.73 lx	24.1 lx	0.33	0.15

Taikos pr. nuo Rūtų g. iki Kauno g.

Sidewalk (P3)

Results for valuation field

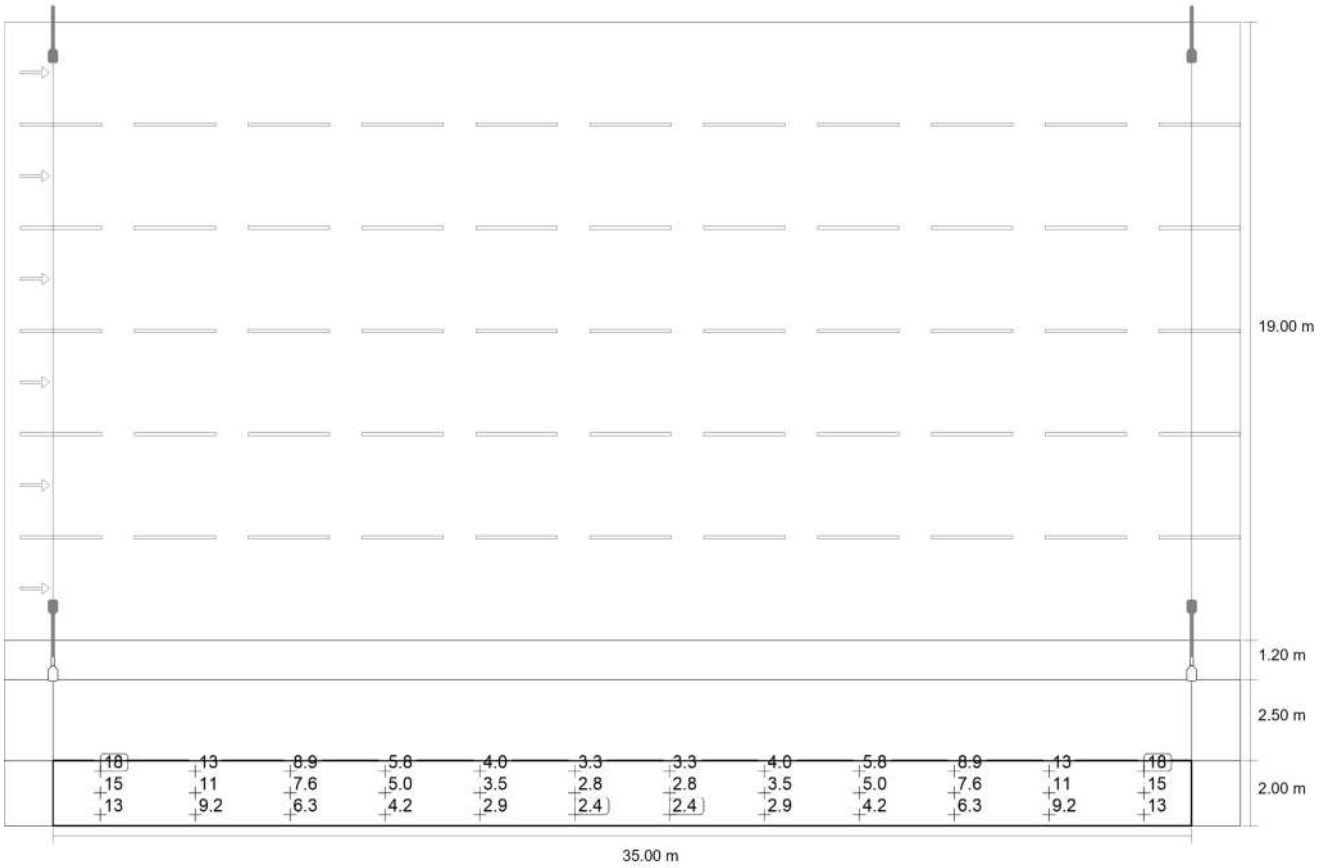
	Symbol	Calculated	Target	Check
Sidewalk (P3)	E_{av}	7.58 lx	[7.50 - 11.25] lx	✓
	E_{min}	2.36 lx	≥ 1.50 lx	✓



Maintenance value, horizontal illuminance [lx] (Iso-illuminance curves)

Taikos pr. nuo Rūtų g. iki Kauno g.

Sidewalk (P3)



Maintenance value, horizontal illuminance [lx] (Value grid)

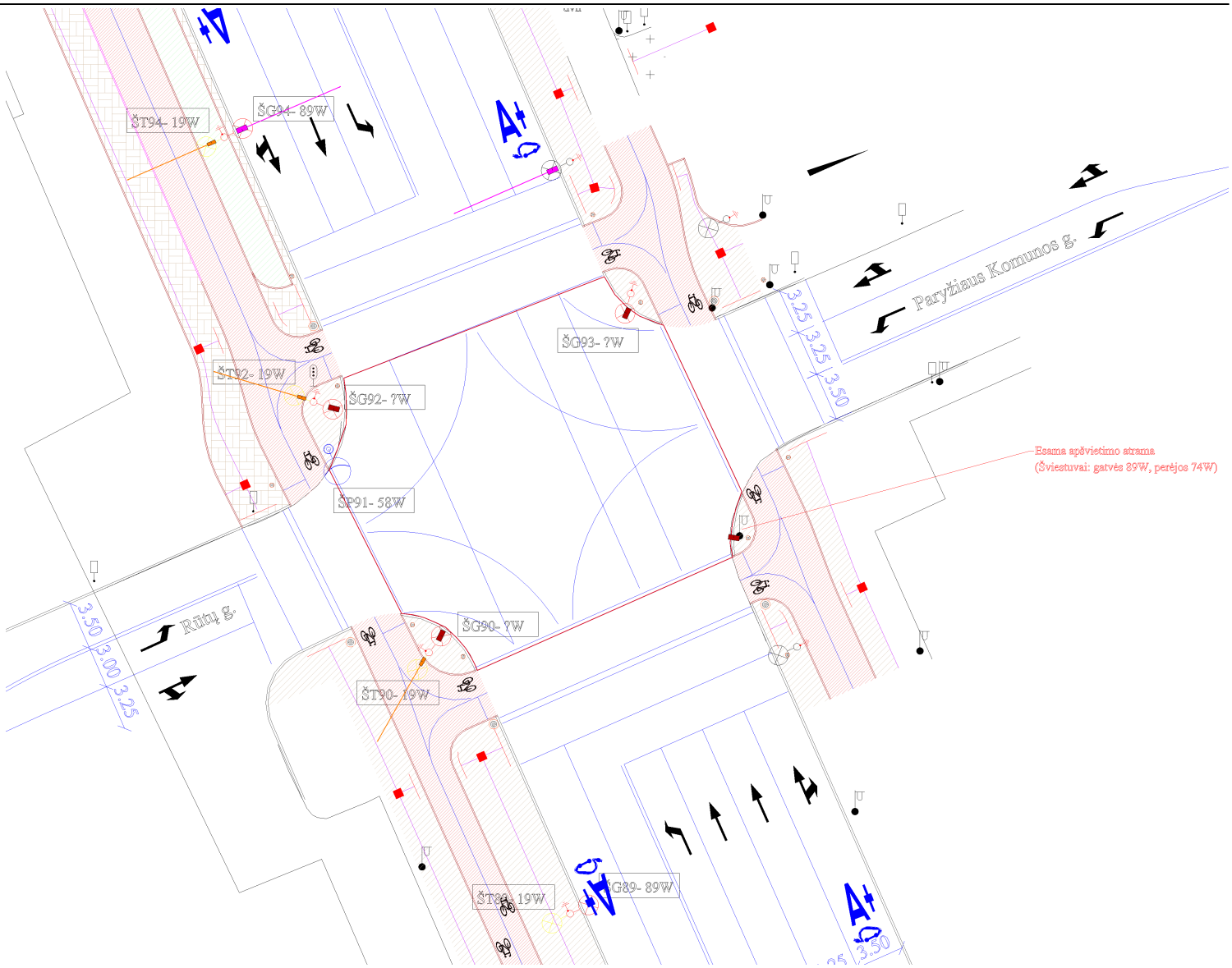
m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
1.667	18.17	13.32	8.87	5.78	4.05	3.30	3.30	4.05	5.78	8.87	13.32	18.17
1.000	15.31	11.23	7.58	5.00	3.49	2.85	2.85	3.49	5.00	7.58	11.23	15.31
0.333	12.54	9.21	6.30	4.22	2.93	2.36	2.36	2.93	4.22	6.30	9.21	12.54

Maintenance value, horizontal illuminance [lx] (Value chart)

	E_{av}	E_{min}	E_{max}	U_o (g_1)	g_2
Maintenance value, horizontal illuminance	7.58 lx	2.36 lx	18.2 lx	0.31	0.13

Object : Rūtų g.- Paryžiaus Komunos g. - Taikos pr. sankryža
Installation :
Project number :
Date : 22.05.2024

Rūtų g.- Paryžiaus Komunos g. - Taikos pr. sankryža

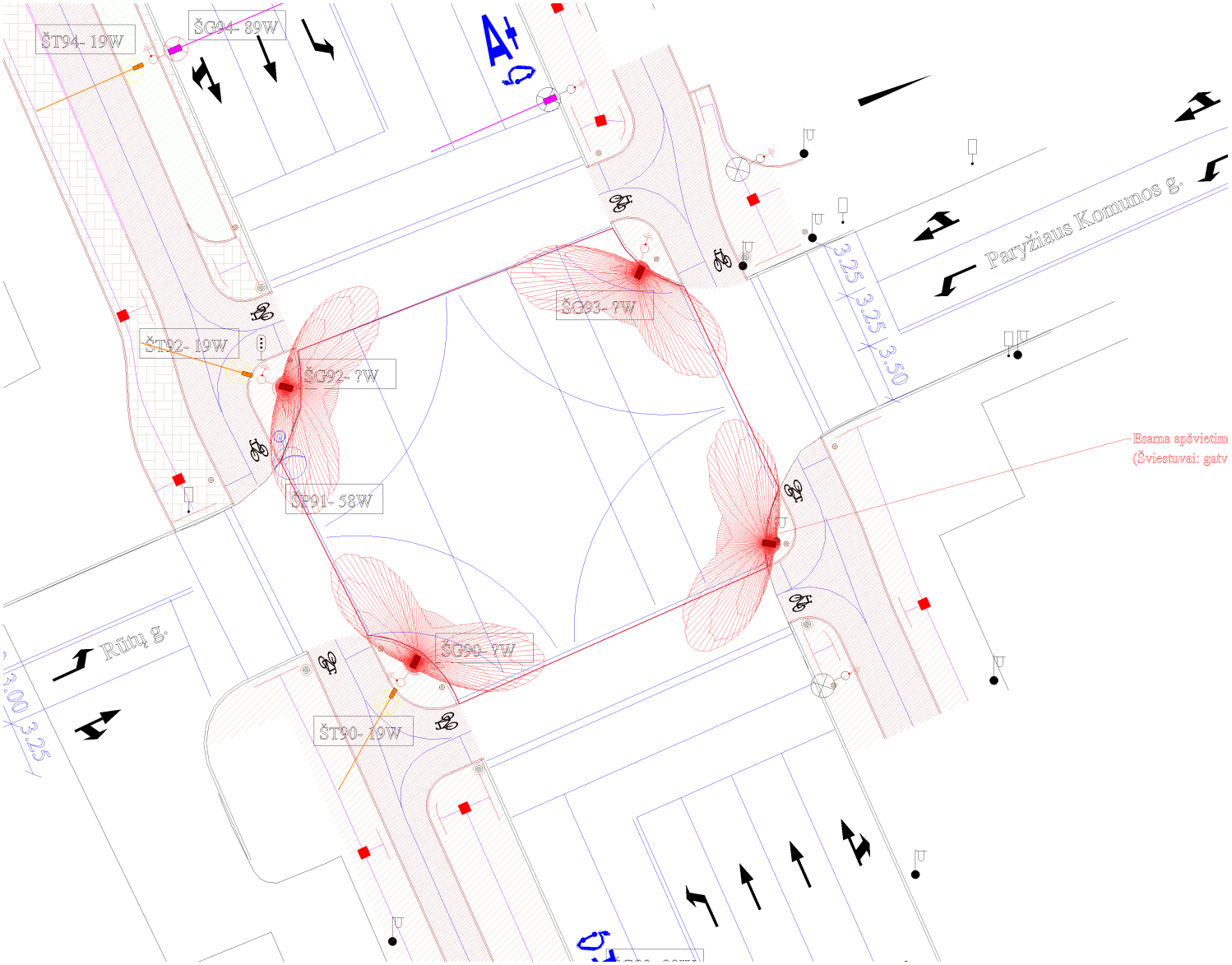




Object : Rūtų g.- Paryžiaus Komunos g. - Taikos pr. sankryža
Installation :
Project number :
Date : 22.05.2024

ŠVIESOS TECHNOLOGIJOS

Rūtų g.- Paryžiaus Komunos g. - Taikos pr. sankryža



Object	:	Rūtų g.- Paryžiaus Komunos g. - Taikos pr. sankryža
Installation	:	
Project number	:	
Date	:	22.05.2024

Luminaire data

PHILIPS/2024-07-17 Eulumdat/1 B-Tilt = 0.00, BGP762 T25 1 xLED120-4... (5700K BGP762 T2...)

Data sheet

Manufacturer: PHILIPS/2024-07-17 Eulumdat/1 B-Tilt = 0.00

5700K BGP762 T25 1 xLED120-4S_757 DM10.ldt **BGP762 T25 1 xLED120-4S/757 DM10**

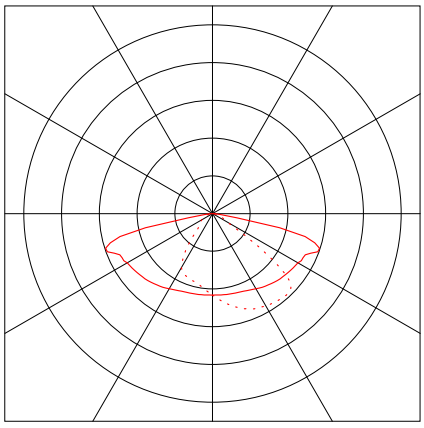
Luminaire data

Luminaire efficiency	:	90%
Luminaire efficacy	:	154.29 lm/W
Classification	:	A30 ↓100.0% ↑0.0%
CIE Flux Codes	:	39 73 97 100 90
UGR 4H 8H	:	36.8 / 19.7
Power	:	70 W
Luminous flux	:	10800 lm

Equipped with

Quantity	:	1
Designation	:	LED120-4S/757
Colour	:	5700
Luminous flux	:	12000 lm
Colour reproduction	:	70

Dimensions : 792 mm x 361 mm x 107 mm



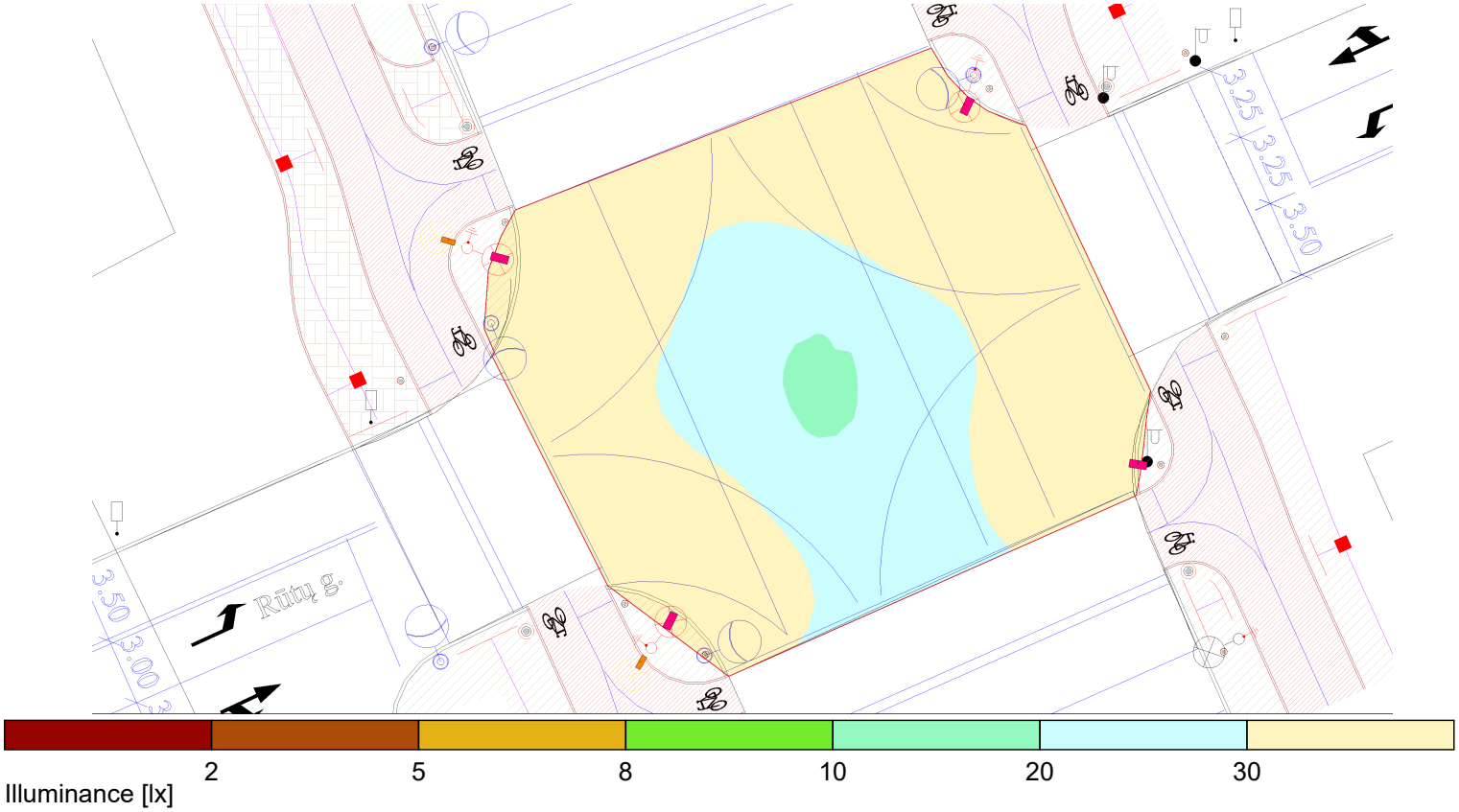


Object	:	Rūtų g.- Paryžiaus Komunos g. - Taikos pr. sankryža
Installation	:	
Project number	:	
Date	:	22.05.2024

Rūtų g.- Paryžiaus Komunos g. - Taikos pr. sankryža

Summary

Result overview, Evaluation area



Illuminance [lx]

General

Calculation algorithm used	Average indirect fraction
Maintenance factor	0.80
Total luminous flux of all lamps	48000 lm
Total power	280.0 W
Total power per area (554.32 m²)	0.51 W/m² (1.57 W/m²/100lx)

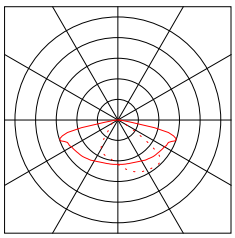
Evaluation area	**Reference plane**
	Horizontal
Em	32.1 lx
Emin	17.7 lx
Emin/Eav (Uo)	0.55
Position	0.00 m

Type No.\Make

4

H=8.50m

Order No.	:	5700K BGP762 T25 1 xLED120-4S_757 DM10.ldt
Luminaire name	:	BGP762 T25 1 xLED120-4S/757 DM10
Equipment	:	1 x LED120-4S/757 70 W / 12000 lm



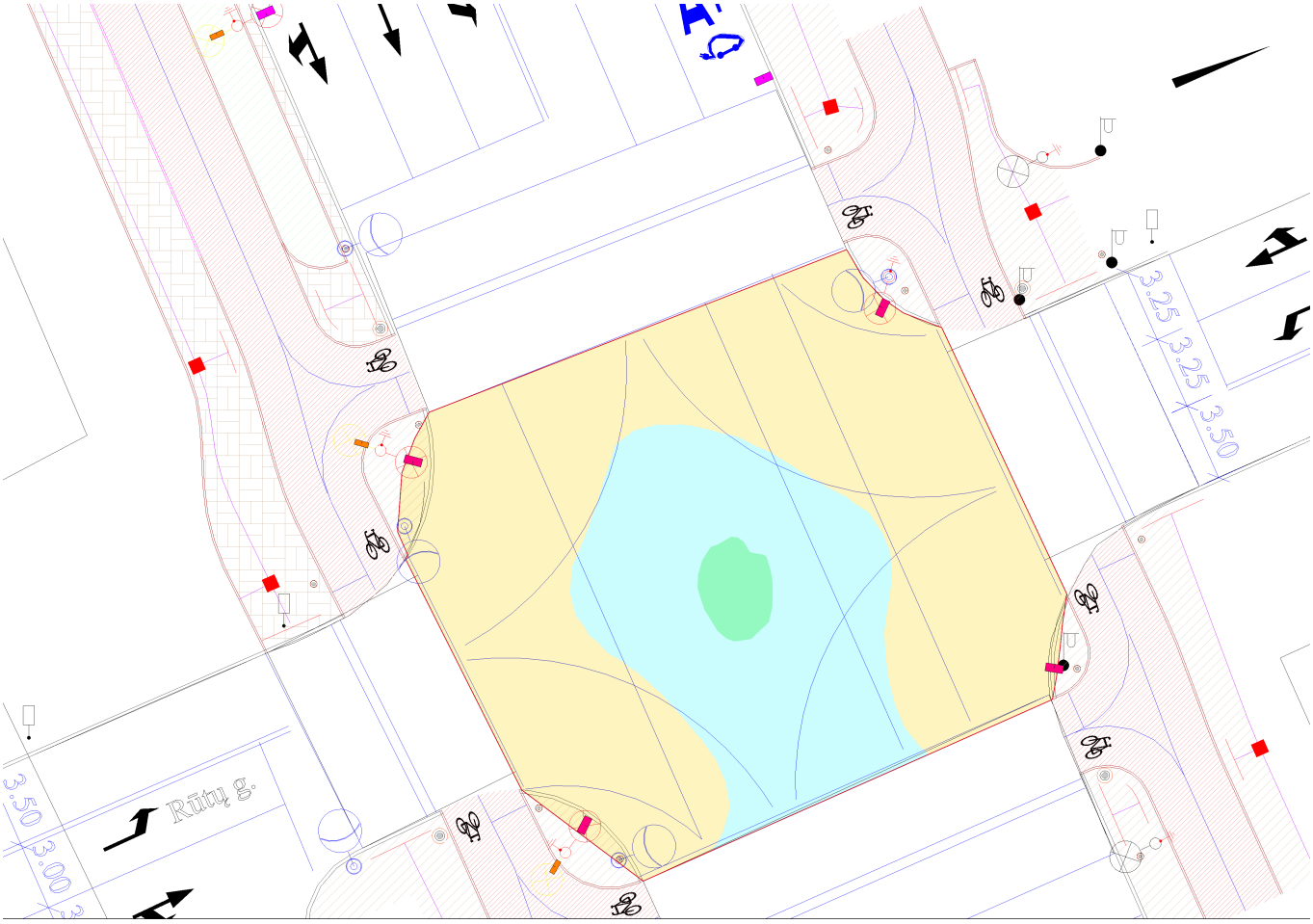


Object : Rūtų g.- Paryžiaus Komunos g. - Taikos pr. sankryža
Installation :
Project number :
Date : 22.05.2024

Rūtų g.- Paryžiaus Komunos g. - Taikos pr. sankryža

Calculation results

Pseudo colours, Reference plane (E)





Illuminance [lx]

Height of the reference plane : 0.00 m

Average illuminance	Eav	: 32.1 lx
Minimum illuminance	Emin	: 17.7 lx
Maximum illuminance	Emax	: 48.9 lx
Uniformity Uo	Emin/Eav	: 1 : 1.82 (0.55)

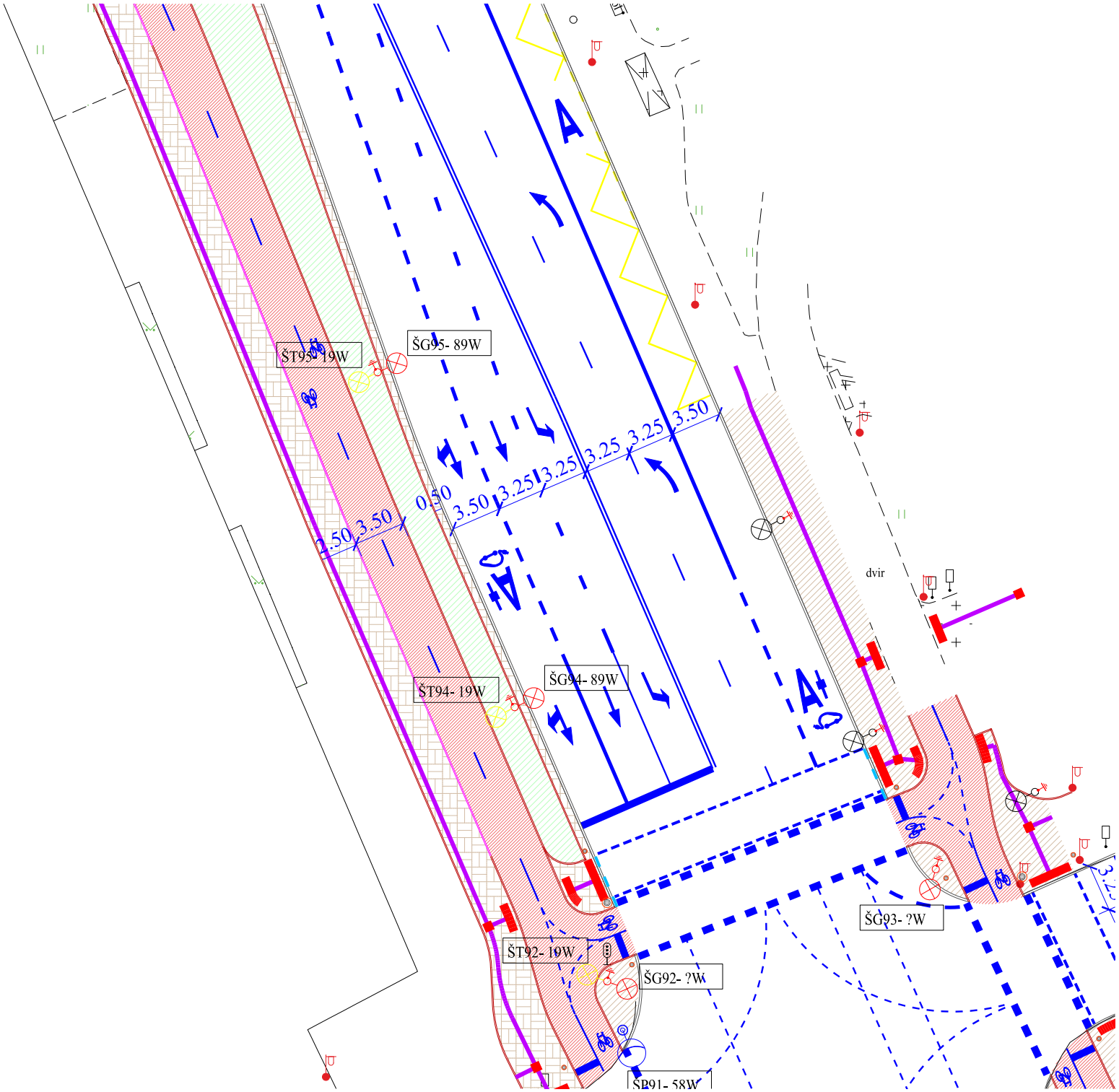
Date 2024-05-21

Taikos pr. praplatėjimas prie Rūtų g.



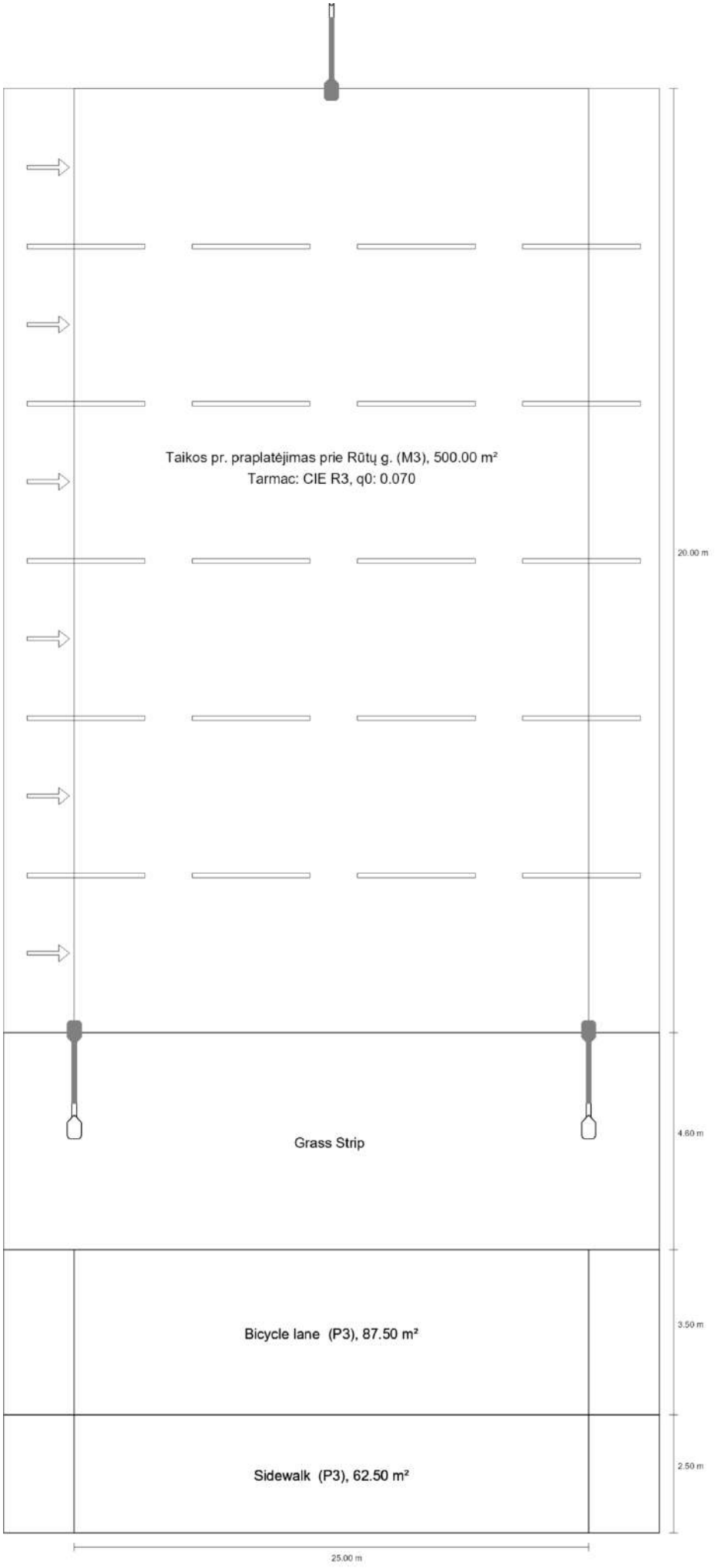


Created with DIALux


ŠT95- 19W
ŠG95- 89W
ŠT94- 19W
ŠG94- 89W
ŠT92- 19W
ŠG92- ?W
ŠG93- ?W
ŠP91- 58W
dvir
2.50
3.50
0.50
3.50
3.25
3.25
3.25
3.50

Summary (according to EN 13201:2015)

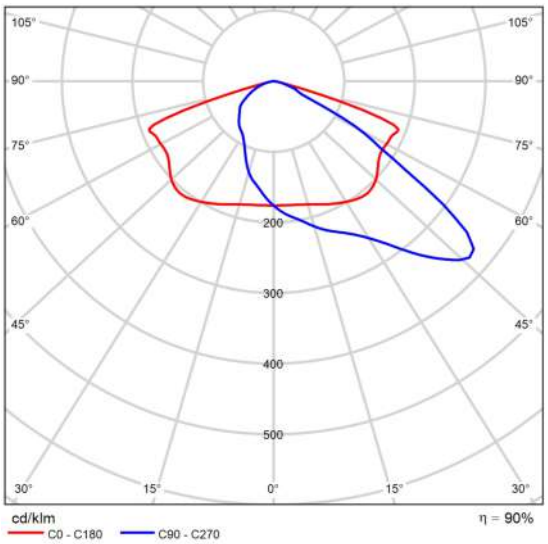
DIALux



Product data sheet

Philips - BGP760 T25 1 xLED44-4S/830 DM31

P	35.5 W
Φ_{Lamp}	4400 lm
$\Phi_{Luminaire}$	3980 lm
η	90.46 %
Luminous efficacy	112.1 lm/W
CCT	3000 K
CRI	80



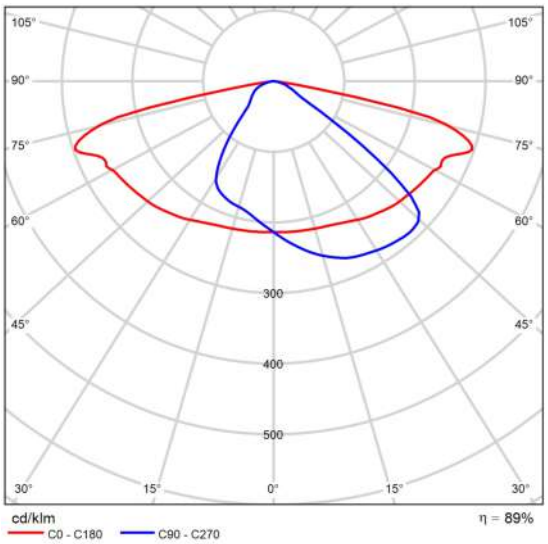
Polar LDC



Product data sheet

Philips - BGP762 T25 1 xLED100-4S/830 DM10

P	74.0 W
Φ_{Lamp}	10000 lm
$\Phi_{Luminaire}$	8947 lm
η	89.47 %
Luminous efficacy	120.9 lm/W
CCT	3000 K
CRI	80

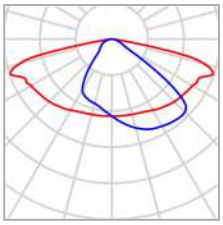


Polar LDC



Taikos pr. praplatėjimas prie Rūtų g.

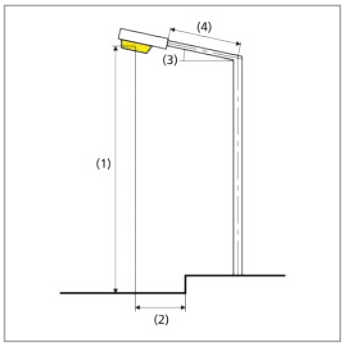
Summary (according to EN 13201:2015)





Manufacturer	Philips	P	74.0 W
Article name	BGP762 T25 1 xLED100-4S/830 DM10	Φ_{Lamp}	10000 lm
		$\Phi_{Luminaire}$	8947 lm
Fitting	1x LED100-4S/830	η	89.47 %

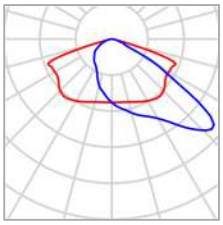
BGP762 T25 1 xLED100-4S/830 DM10 (both sides offset)



Pole distance	25.000 m
(1) Light spot height	8.500 m
(2) Light point overhang	0.000 m
(3) Boom inclination	0.0°
(4) Boom length	1.500 m
Annual operating hours	4000 h: 100.0 %, 74.0 W
Wattage / route	5920.0 W/km
ULR / ULOR	0.00 / 0.00
Max. luminous intensities Any direction forming the specified angle from the downward vertical, with the luminaire installed for use.	≥ 70°: 589 cd/klm ≥ 80°: 99.5 cd/klm ≥ 90°: 0.00 cd/klm
Luminous intensity class The luminous intensity values in [cd/klm] for calculation of the luminous intensity class refer to the luminaire luminous flux according to EN 13201:2015.	G*3
Glare index class	D.6
MF	0.80

Taikos pr. praplatėjimas prie Rūtų g.

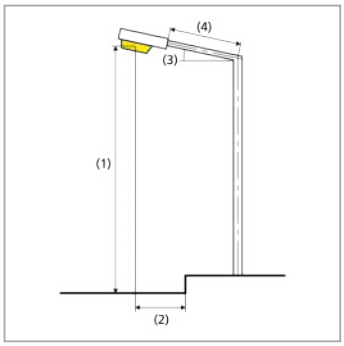
Summary (according to EN 13201:2015)





Manufacturer	Philips	P	35.5 W
Article name	BGP760 T25 1 xLED44-4S/830 DM31	Φ_{Lamp}	4400 lm
		$\Phi_{Luminaire}$	3980 lm
Fitting	1x LED44-4S/830	η	90.46 %

BGP760 T25 1 xLED44-4S/830 DM31 (both sides offset)



Pole distance	25.000 m
(1) Light spot height	6.000 m
(2) Light point overhang	-1.000 m
(3) Boom inclination	0.0°
(4) Boom length	0.500 m
Annual operating hours	4000 h: 100.0 %, 35.5 W
Wattage / route	2840.0 W/km
ULR / ULOR	0.00 / 0.00
Max. luminous intensities Any direction forming the specified angle from the downward vertical, with the luminaire installed for use.	≥ 70°: 288 cd/klm ≥ 80°: 14.7 cd/klm ≥ 90°: 0.00 cd/klm
Luminous intensity class The luminous intensity values in [cd/klm] for calculation of the luminous intensity class refer to the luminaire luminous flux according to EN 13201:2015.	G*6
Glare index class	D.6
MF	0.80

Taikos pr. praplatėjimas prie Rūtų g.

Summary (according to EN 13201:2015)

Results for valuation fields

A maintenance factor of 0.80 was used for calculating for the installation.

	Symbol	Calculated	Target	Check
Taikos pr. praplatėjimas prie Rūtų g. (M3)	L_{av}	1.37 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.70	≥ 0.40	✓
	U_l	0.88	≥ 0.60	✓
	TI	8 %	≤ 15 %	✓
	R_{EI}	1.04	≥ 0.30	✓
Bicycle lane (P3)	E_{av}	17.41 lx	[7.50 - 11.25] lx	✓
	E_{min}	10.69 lx	≥ 1.50 lx	✓
Sidewalk (P3)	E_{av}	9.59 lx	[7.50 - 11.25] lx	✓
	E_{min}	6.02 lx	≥ 1.50 lx	✓

Results for energy efficiency indicators

	Symbol	Calculated	Energy Consumption
Taikos pr. praplatėjimas prie Rūtų g.	D_p	0.003 W/lx*m²	
BGP762 T25 1 xLED100-4S/830 DM10 (both sides offset)	D_e	0.9 kWh/m² yr	592.0 kWh/yr
BGP760 T25 1 xLED44-4S/830 DM31 (both sides offset)	D_e	0.4 kWh/m² yr	284.0 kWh/yr

Taikos pr. praplatėjimas prie Rūtų g.

Taikos pr. praplatėjimas prie Rūtų g. (M3)

Results for valuation field

	Symbol	Calculated	Target	Check
Taikos pr. praplatėjimas prie Rūtų g. (M3)	L_{av}	1.37 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.70	≥ 0.40	✓
	U_l	0.88	≥ 0.60	✓
	TI	8 %	≤ 15 %	✓
	R_{EI}	1.04	≥ 0.30	✓

Results for observer

	Symbol	Calculated	Target	Check
Observer 1 Position: -60.000 m, 12.267 m, 1.500 m	L_{av}	1.37 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.70	≥ 0.40	✓
	U_l	0.88	≥ 0.60	✓
	TI	8 %	≤ 15 %	✓
Observer 2 Position: -60.000 m, 15.600 m, 1.500 m	L_{av}	1.39 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.71	≥ 0.40	✓
	U_l	0.94	≥ 0.60	✓
	TI	7 %	≤ 15 %	✓
Observer 3 Position: -60.000 m, 18.933 m, 1.500 m	L_{av}	1.41 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.72	≥ 0.40	✓
	U_l	0.95	≥ 0.60	✓
	TI	6 %	≤ 15 %	✓

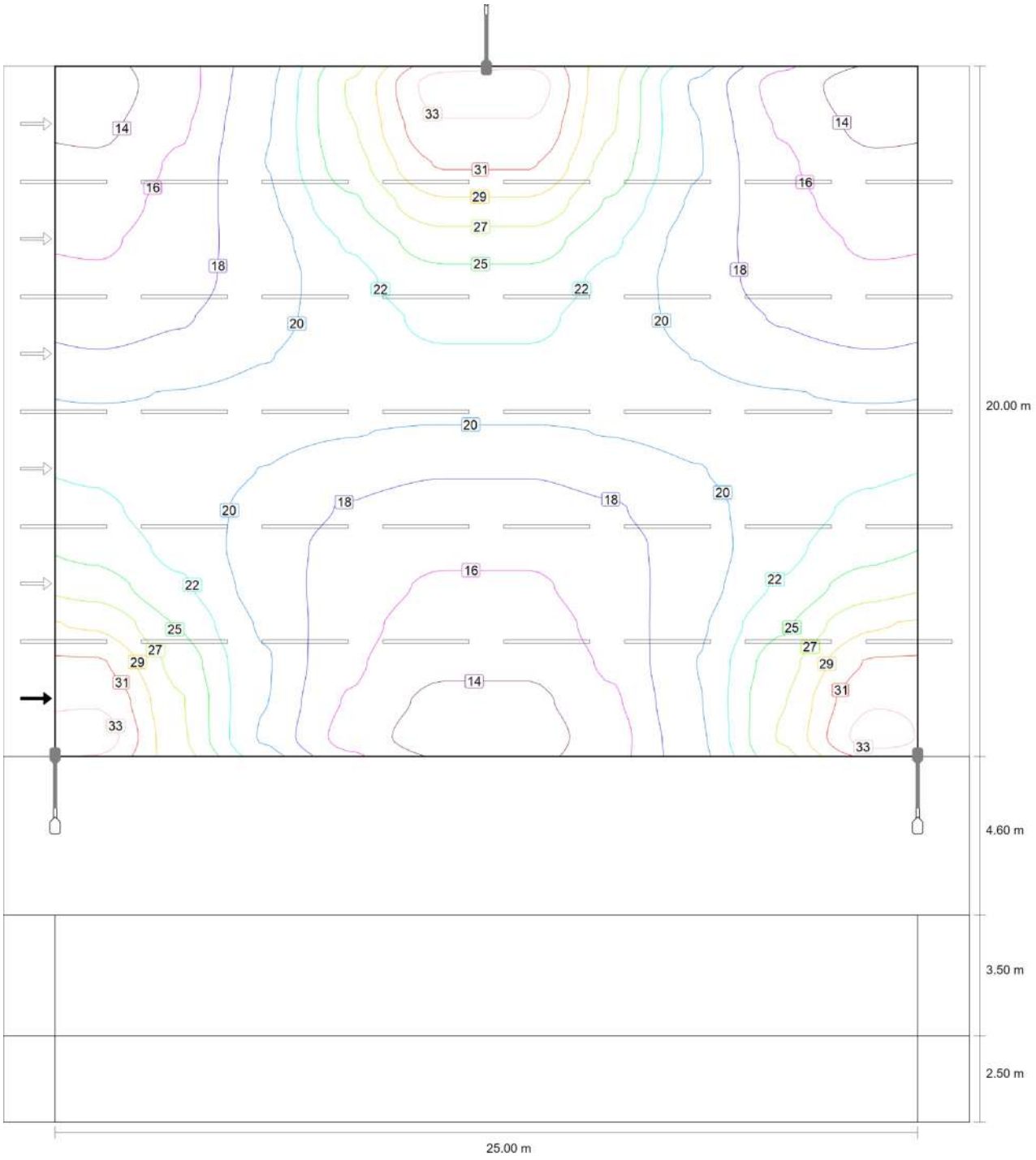
Taikos pr. praplatėjimas prie Rūtų g.

Taikos pr. praplatėjimas prie Rūtų g. (M3)

	Symbol	Calculated	Target	Check
Observer 4 Position: -60.000 m, 22.267 m, 1.500 m	L_{av}	1.41 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.72	≥ 0.40	✓
	U_l	0.95	≥ 0.60	✓
	TI	6 %	≤ 15 %	✓
Observer 5 Position: -60.000 m, 25.600 m, 1.500 m	L_{av}	1.39 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.71	≥ 0.40	✓
	U_l	0.94	≥ 0.60	✓
	TI	7 %	≤ 15 %	✓
Observer 6 Position: -60.000 m, 28.933 m, 1.500 m	L_{av}	1.37 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.70	≥ 0.40	✓
	U_l	0.88	≥ 0.60	✓
	TI	8 %	≤ 15 %	✓

Taikos pr. praplatėjimas prie Rūtų g.

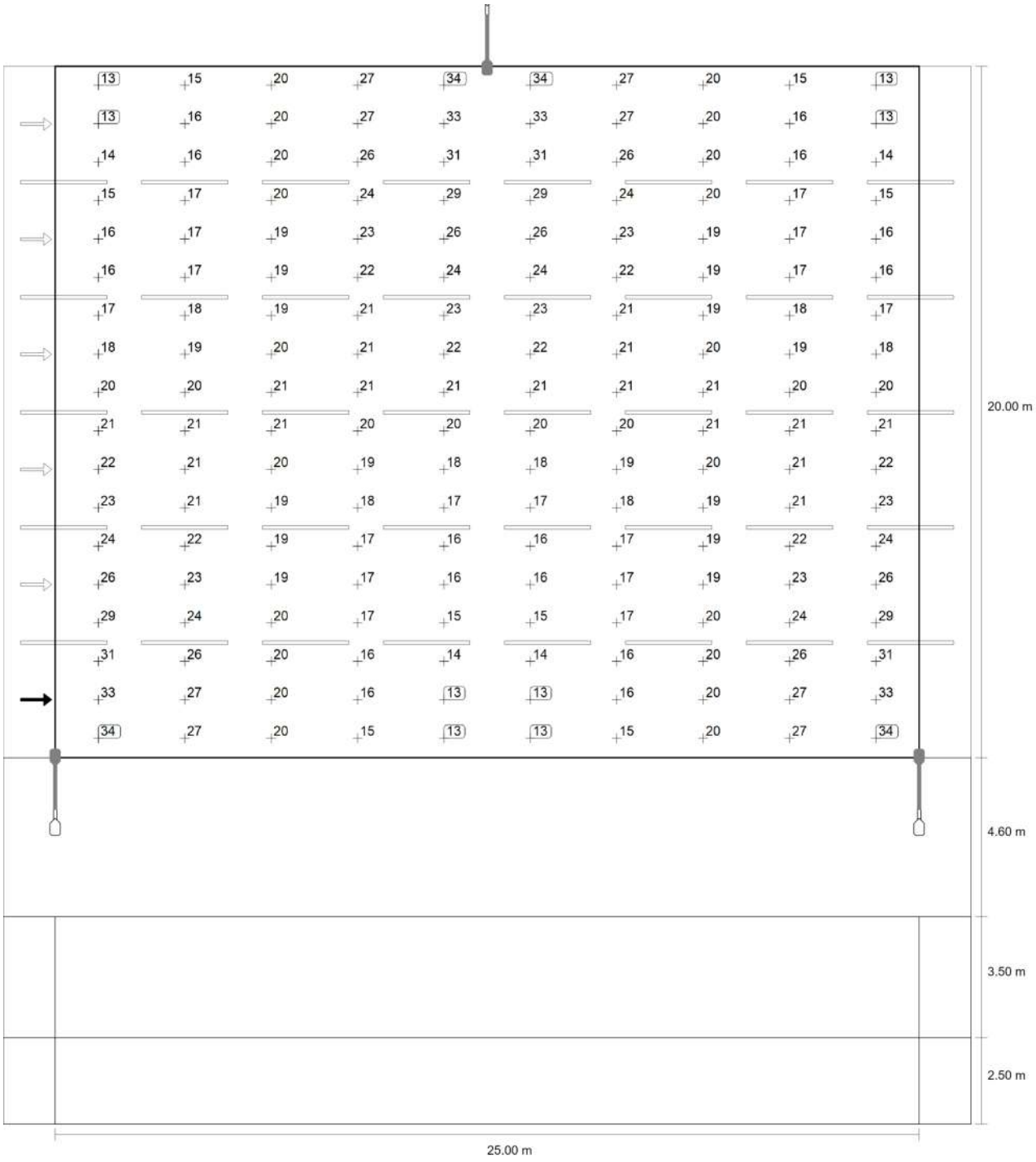
Taikos pr. praplatėjimas prie Rūtų g. (M3)



Maintenance value, horizontal illuminance [lx] (Iso-illuminance curves)

Taikos pr. praplatėjimas prie Rūtų g.

Taikos pr. praplatėjimas prie Rūtų g. (M3)



Maintenance value, horizontal illuminance [lx] (Value grid)

Taikos pr. praplatėjimas prie Rūtų g.

Taikos pr. praplatėjimas prie Rūtų g. (M3)

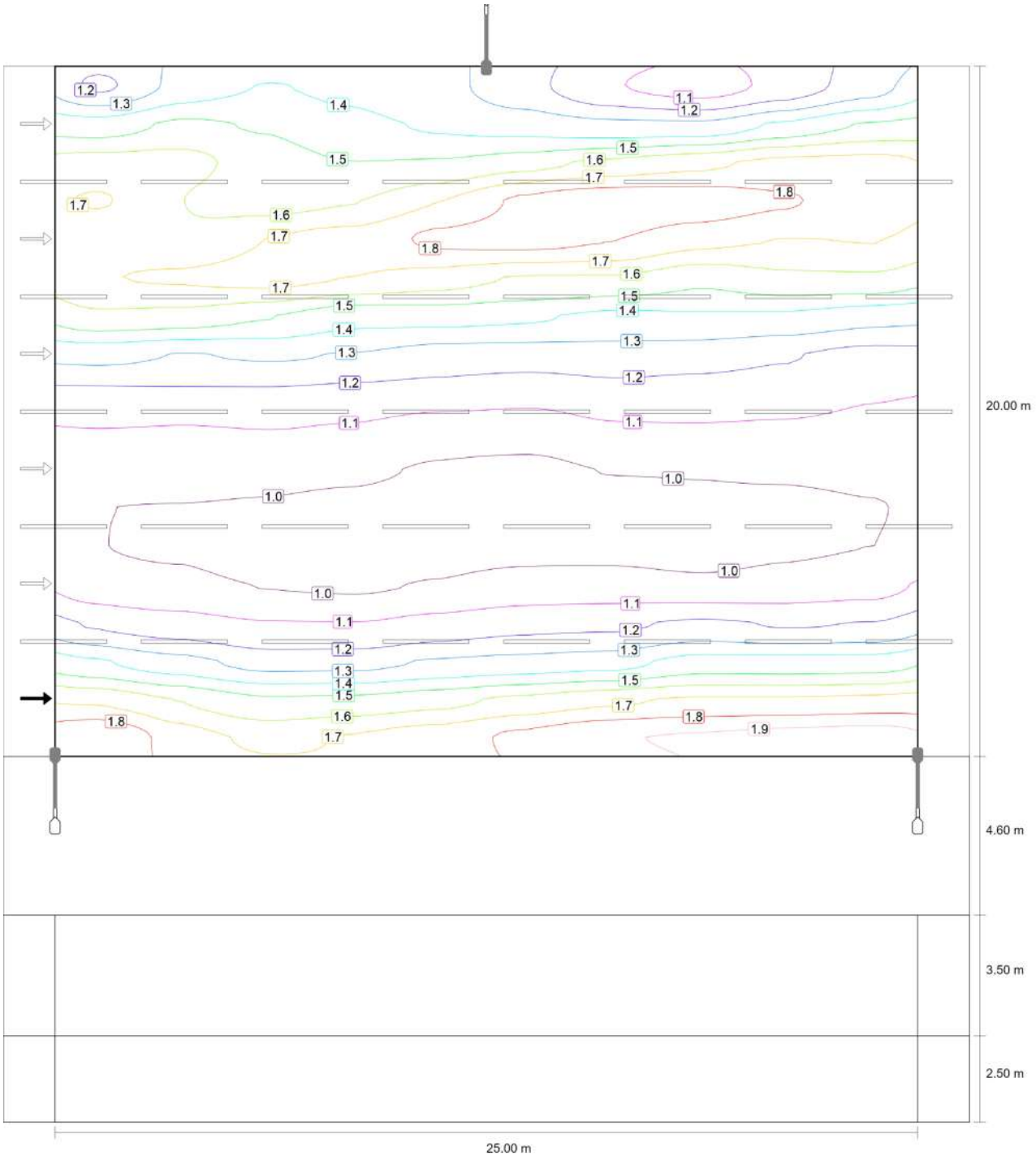
m	1.250	3.750	6.250	8.750	11.250	13.750	16.250	18.750	21.250	23.750
30.044	12.61	15.01	19.80	26.97	34.23	34.23	26.97	19.80	15.01	12.61
28.933	13.24	15.57	20.15	26.69	32.94	32.94	26.69	20.15	15.57	13.24
27.822	14.06	16.21	20.25	25.82	31.19	31.19	25.82	20.25	16.21	14.06
26.711	14.85	16.61	19.83	24.22	28.56	28.56	24.22	19.83	16.61	14.85
25.600	15.58	16.97	19.23	22.66	25.67	25.67	22.66	19.23	16.97	15.58
24.489	16.20	17.25	19.07	21.75	23.81	23.81	21.75	19.07	17.25	16.20
23.378	16.90	17.83	19.45	21.42	22.74	22.74	21.42	19.45	17.83	16.90
22.267	18.19	18.89	20.10	21.42	22.14	22.14	21.42	20.10	18.89	18.19
21.156	19.92	20.27	20.69	21.20	21.39	21.39	21.20	20.69	20.27	19.92
20.044	21.39	21.20	20.69	20.27	19.92	19.92	20.27	20.69	21.20	21.39
18.933	22.14	21.42	20.10	18.89	18.19	18.19	18.89	20.10	21.42	22.14
17.822	22.74	21.42	19.45	17.83	16.90	16.90	17.83	19.45	21.42	22.74
16.711	23.81	21.75	19.07	17.25	16.20	16.20	17.25	19.07	21.75	23.81
15.600	25.67	22.66	19.23	16.97	15.58	15.58	16.97	19.23	22.66	25.67
14.489	28.56	24.22	19.83	16.61	14.85	14.85	16.61	19.83	24.22	28.56
13.378	31.19	25.82	20.25	16.21	14.06	14.06	16.21	20.25	25.82	31.19
12.267	32.94	26.69	20.15	15.57	13.24	13.24	15.57	20.15	26.69	32.94
11.156	34.23	26.97	19.80	15.01	12.61	12.61	15.01	19.80	26.97	34.23

Maintenance value, horizontal illuminance [lx] (Value chart)

	E_{av}	E_{min}	E_{max}	U_o (g_1)	g_2
Maintenance value, horizontal illuminance	20.7 lx	12.6 lx	34.2 lx	0.61	0.37

Taikos pr. praplatėjimas prie Rūtų g.

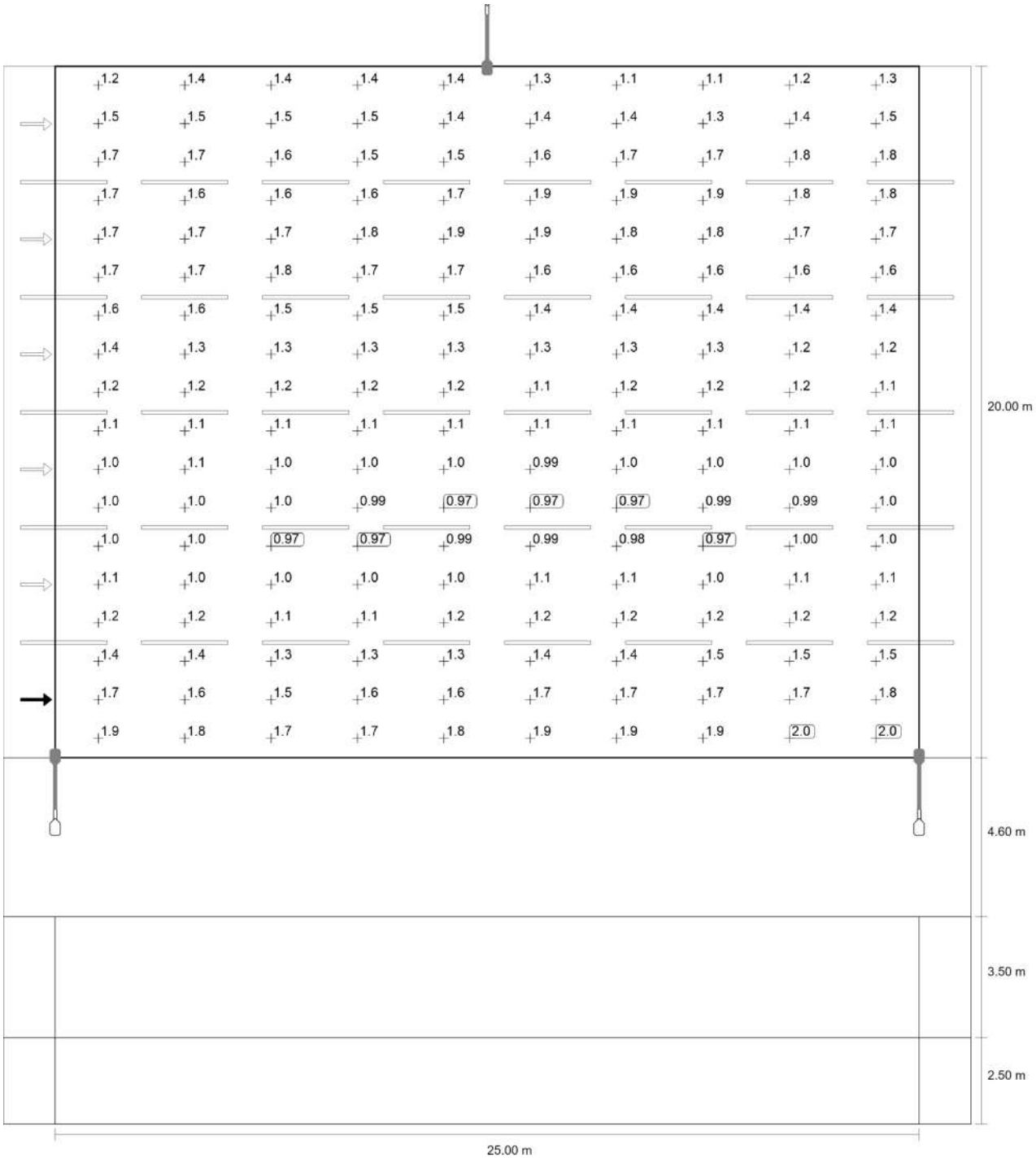
Taikos pr. praplatėjimas prie Rūtų g. (M3)



Observer 1: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas prie Rūtų g.

Taikos pr. praplatėjimas prie Rūtų g. (M3)



Observer 1: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

Taikos pr. praplatėjimas prie Rūtų g.

Taikos pr. praplatėjimas prie Rūtų g. (M3)

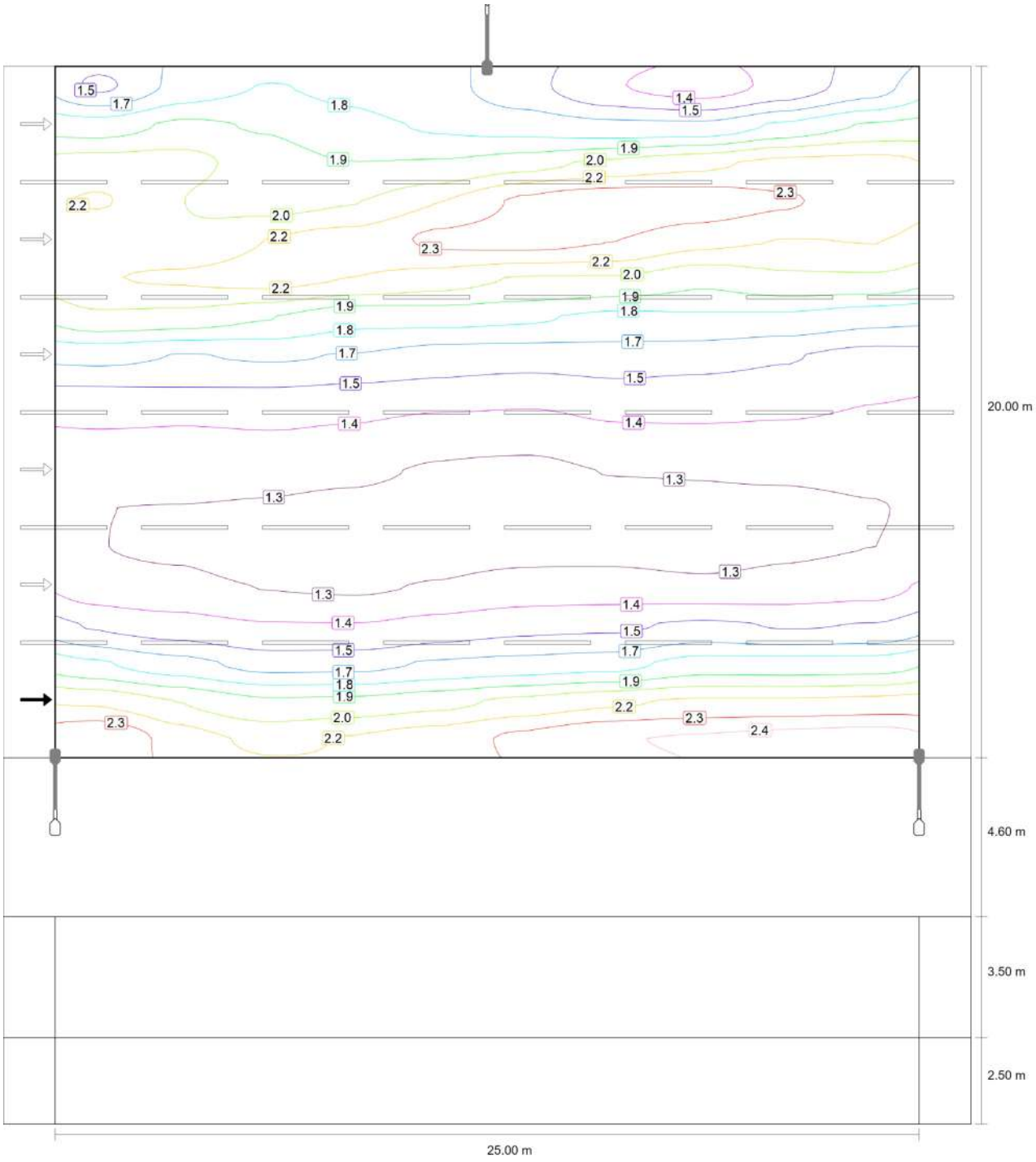
m	1.250	3.750	6.250	8.750	11.250	13.750	16.250	18.750	21.250	23.750
30.044	1.20	1.35	1.43	1.40	1.36	1.26	1.13	1.07	1.15	1.28
28.933	1.47	1.55	1.51	1.46	1.41	1.39	1.35	1.35	1.44	1.54
27.822	1.68	1.66	1.58	1.53	1.54	1.59	1.65	1.71	1.76	1.76
26.711	1.74	1.63	1.58	1.63	1.73	1.85	1.90	1.89	1.85	1.79
25.600	1.67	1.66	1.73	1.77	1.86	1.88	1.84	1.77	1.73	1.74
24.489	1.72	1.74	1.77	1.73	1.68	1.62	1.62	1.55	1.60	1.61
23.378	1.60	1.59	1.53	1.45	1.46	1.44	1.40	1.41	1.40	1.36
22.267	1.35	1.32	1.34	1.32	1.27	1.27	1.28	1.26	1.23	1.19
21.156	1.20	1.20	1.20	1.19	1.17	1.15	1.18	1.17	1.16	1.13
20.044	1.11	1.11	1.12	1.10	1.06	1.05	1.10	1.10	1.10	1.08
18.933	1.05	1.06	1.04	1.04	1.01	0.99	1.02	1.02	1.03	1.04
17.822	1.02	1.01	1.01	0.99	0.97	0.97	0.97	0.99	0.99	1.01
16.711	1.02	1.00	0.97	0.97	0.99	0.99	0.98	0.97	1.00	1.02
15.600	1.07	1.04	1.01	1.00	1.03	1.06	1.07	1.05	1.07	1.09
14.489	1.21	1.16	1.12	1.12	1.16	1.19	1.20	1.24	1.21	1.22
13.378	1.44	1.36	1.28	1.29	1.34	1.36	1.38	1.47	1.47	1.47
12.267	1.72	1.63	1.54	1.55	1.60	1.66	1.71	1.75	1.75	1.76
11.156	1.93	1.79	1.71	1.74	1.78	1.86	1.93	1.95	1.97	1.99

Observer 1: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 1: Maintenance value, luminance with dry roadway	1.37 cd/m²	0.97 cd/m²	1.99 cd/m²	0.70	0.49

Taikos pr. praplatėjimas prie Rūtų g.

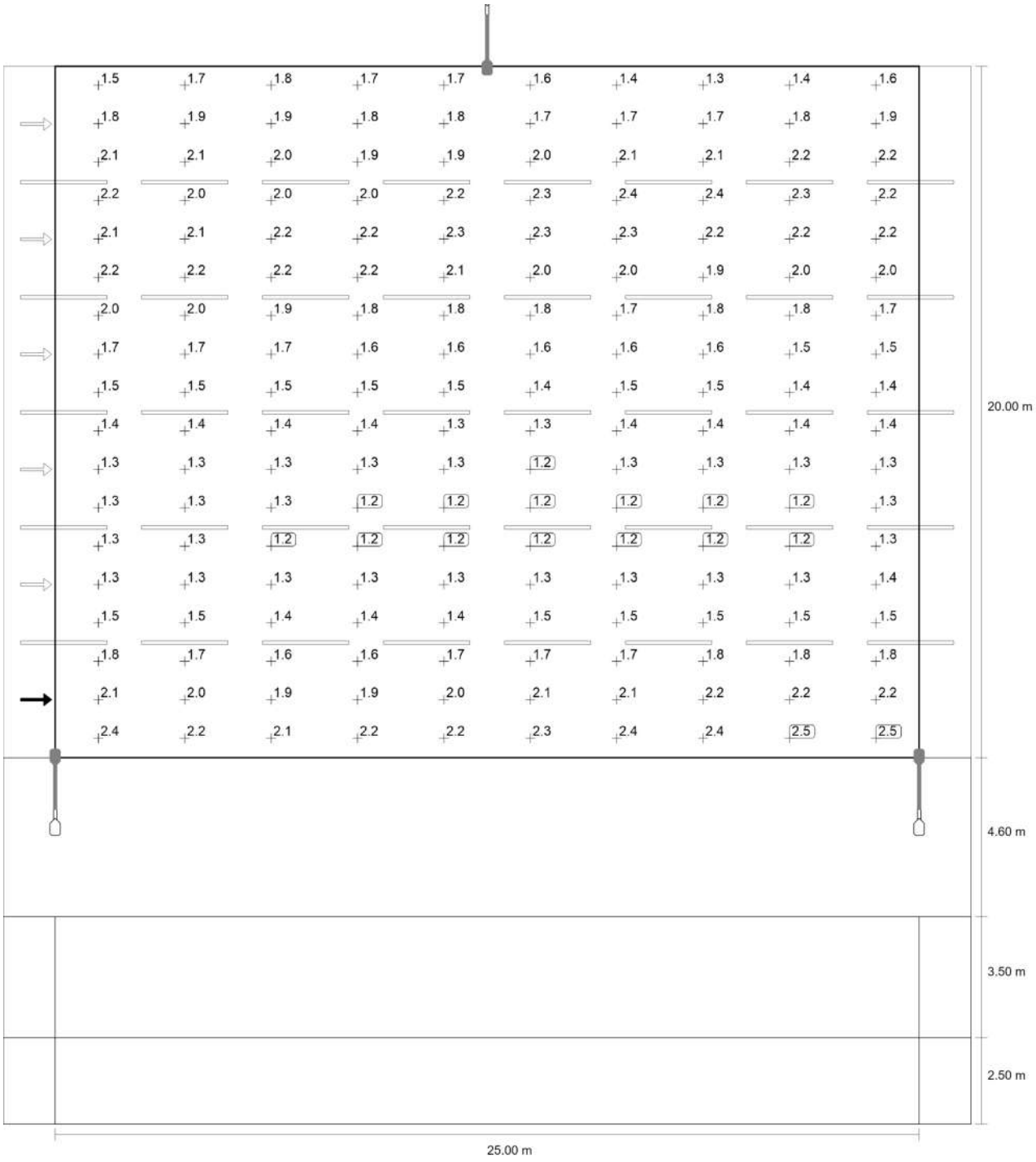
Taikos pr. praplatėjimas prie Rūtų g. (M3)



Observer 1: Luminance with new installation [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas prie Rūtų g.

Taikos pr. praplatėjimas prie Rūtų g. (M3)



Observer 1: Luminance with new installation [cd/m²] (Value grid)

Taikos pr. praplatėjimas prie Rūtų g.

Taikos pr. praplatėjimas prie Rūtų g. (M3)

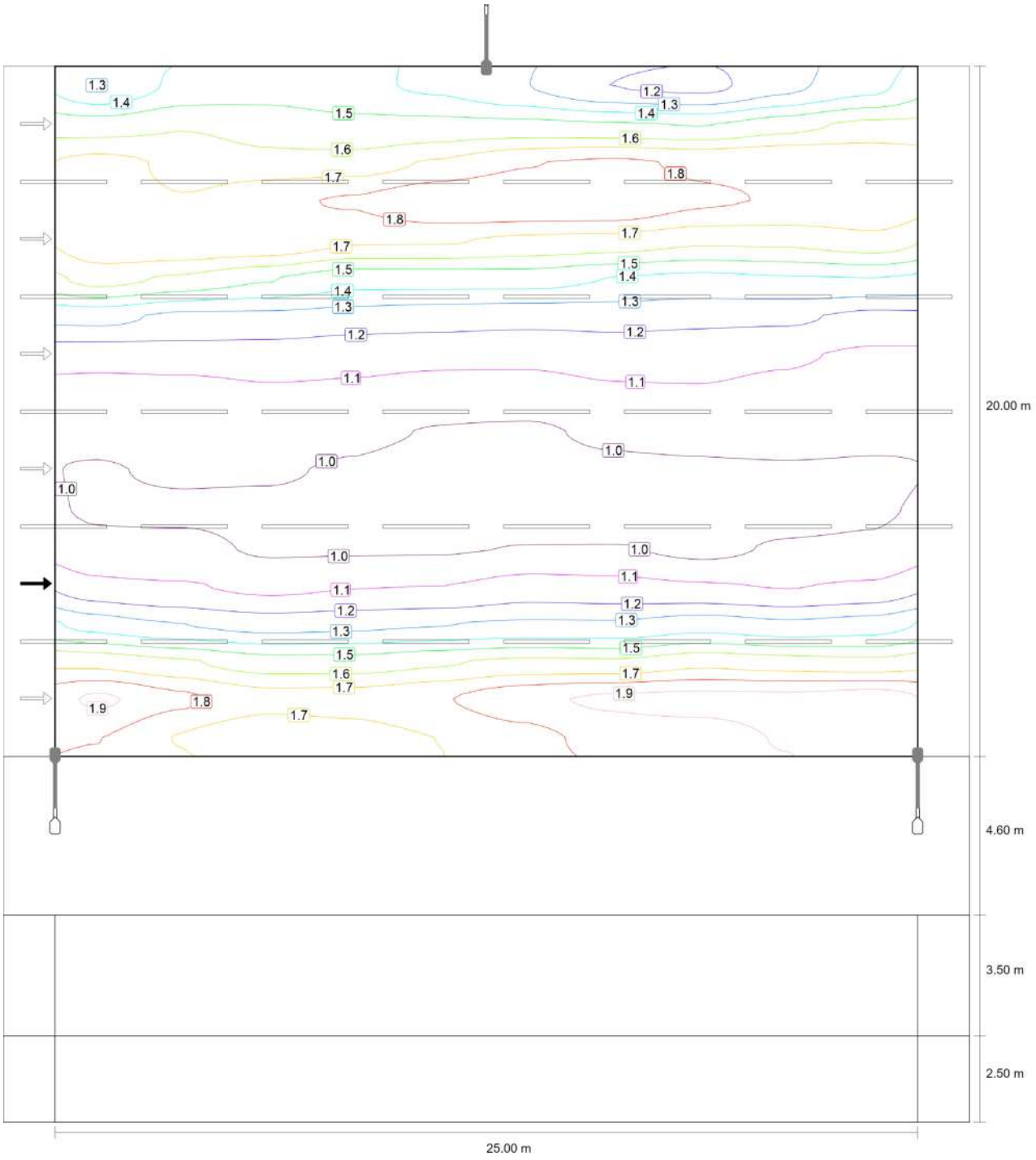
m	1.250	3.750	6.250	8.750	11.250	13.750	16.250	18.750	21.250	23.750
30.044	1.50	1.69	1.79	1.75	1.69	1.57	1.41	1.33	1.44	1.59
28.933	1.84	1.94	1.89	1.82	1.76	1.73	1.69	1.68	1.80	1.92
27.822	2.10	2.07	1.98	1.91	1.93	1.99	2.07	2.13	2.20	2.20
26.711	2.18	2.04	1.98	2.03	2.16	2.32	2.37	2.36	2.31	2.24
25.600	2.09	2.07	2.17	2.21	2.32	2.34	2.30	2.21	2.16	2.17
24.489	2.15	2.18	2.21	2.16	2.10	2.03	2.02	1.94	2.00	2.01
23.378	2.00	1.98	1.92	1.82	1.83	1.80	1.75	1.76	1.75	1.70
22.267	1.69	1.65	1.67	1.65	1.59	1.58	1.60	1.58	1.54	1.49
21.156	1.50	1.50	1.50	1.48	1.46	1.43	1.47	1.46	1.45	1.41
20.044	1.39	1.39	1.40	1.38	1.32	1.32	1.37	1.38	1.37	1.35
18.933	1.31	1.32	1.31	1.29	1.26	1.24	1.28	1.28	1.29	1.30
17.822	1.27	1.27	1.26	1.24	1.22	1.21	1.21	1.23	1.24	1.27
16.711	1.27	1.26	1.22	1.22	1.23	1.24	1.23	1.21	1.25	1.27
15.600	1.33	1.31	1.27	1.25	1.28	1.32	1.34	1.31	1.34	1.36
14.489	1.51	1.46	1.41	1.40	1.45	1.49	1.50	1.55	1.51	1.53
13.378	1.80	1.70	1.60	1.61	1.67	1.70	1.73	1.84	1.83	1.84
12.267	2.15	2.03	1.93	1.94	2.00	2.07	2.14	2.18	2.18	2.20
11.156	2.41	2.23	2.14	2.17	2.23	2.32	2.41	2.43	2.46	2.49

Observer 1: Luminance with new installation [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 1: Luminance with new installation	1.72 cd/m²	1.21 cd/m²	2.49 cd/m²	0.70	0.49

Taikos pr. praplatėjimas prie Rūtų g.

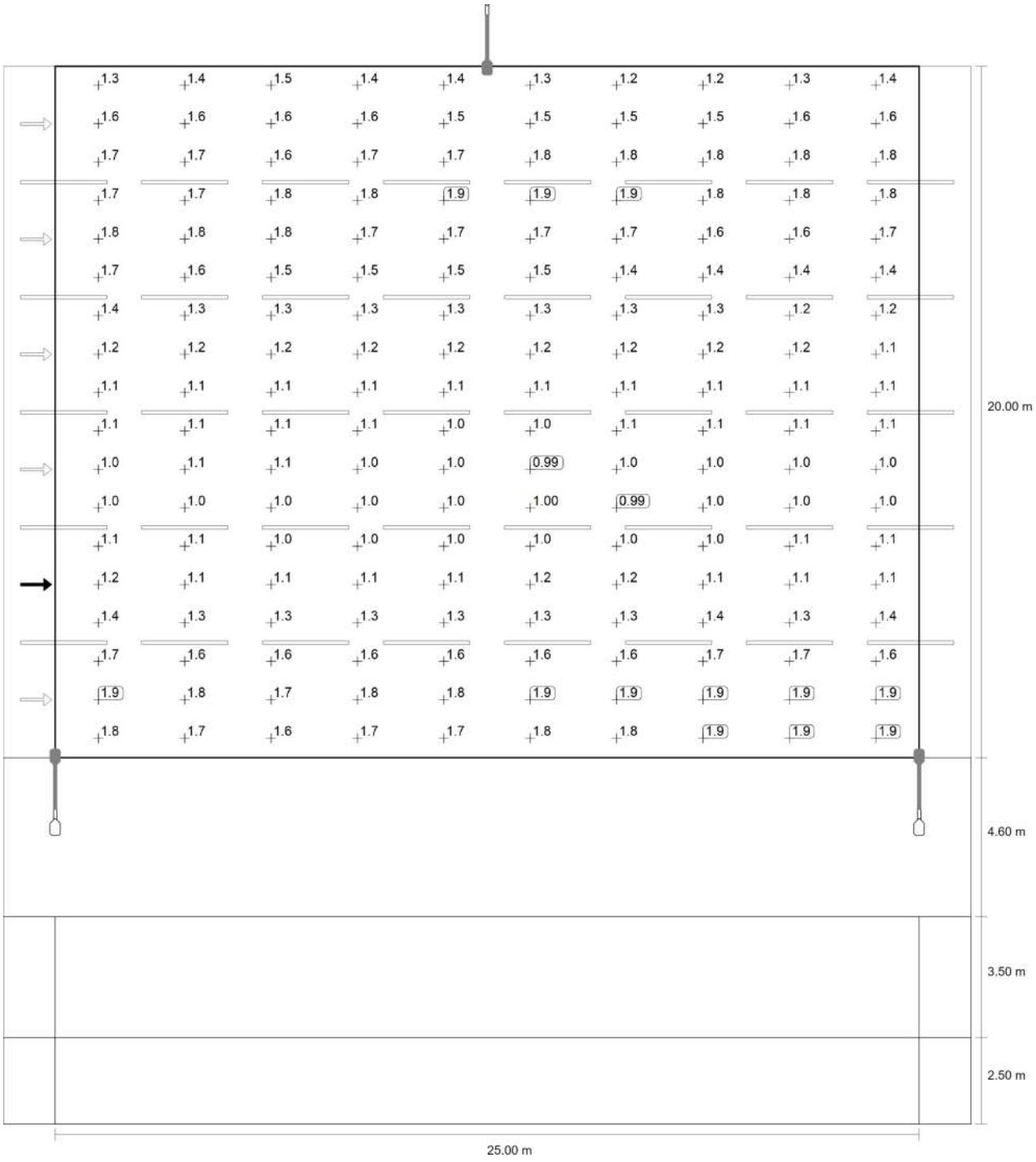
Taikos pr. praplatėjimas prie Rūtų g. (M3)



Observer 2: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas prie Rūtų g.

Taikos pr. praplatėjimas prie Rūtų g. (M3)



Observer 2: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

Taikos pr. praplatėjimas prie Rūtų g.

Taikos pr. praplatėjimas prie Rūtų g. (M3)

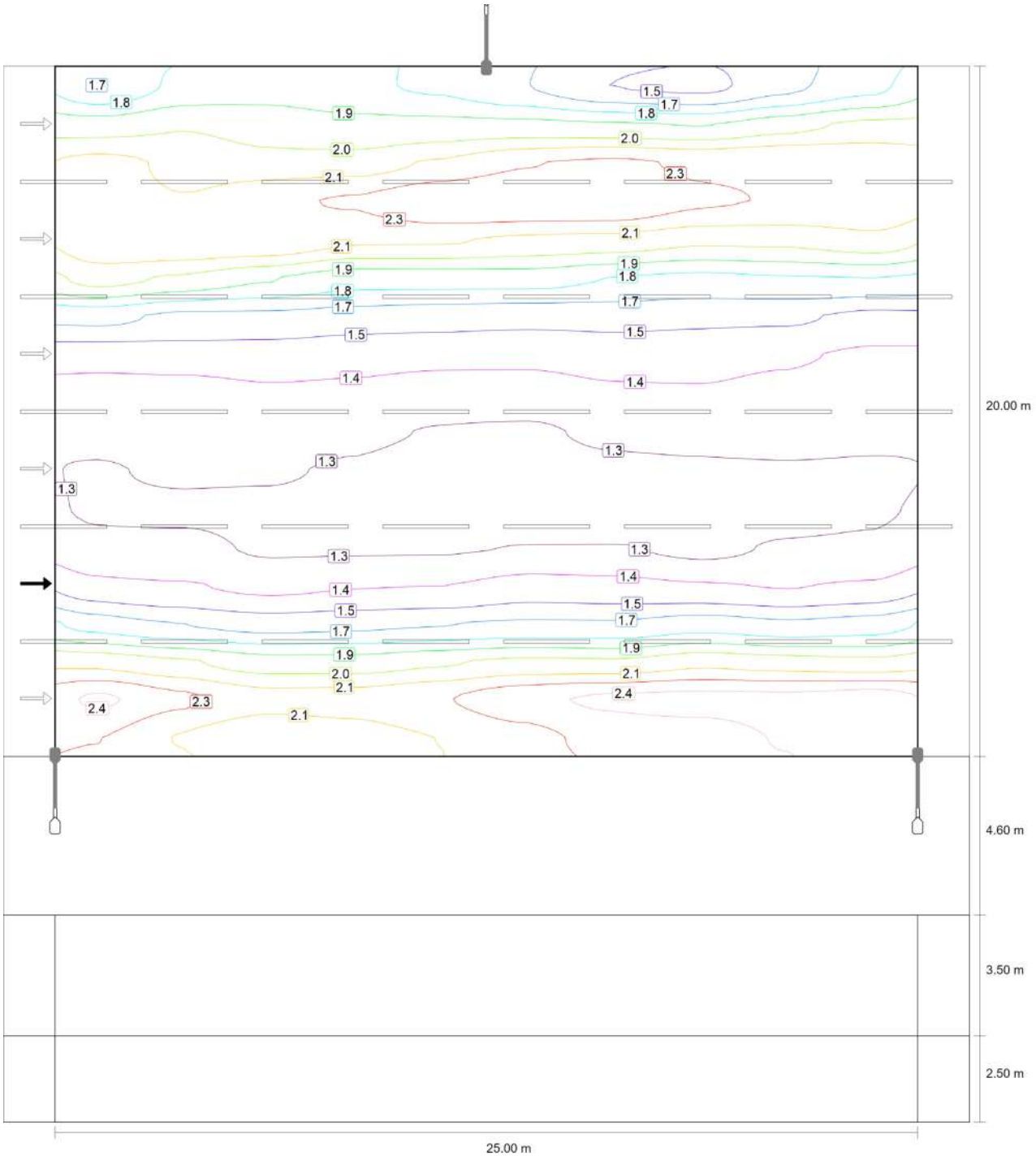
m	1.250	3.750	6.250	8.750	11.250	13.750	16.250	18.750	21.250	23.750
30.044	1.33	1.45	1.47	1.44	1.41	1.33	1.23	1.21	1.30	1.39
28.933	1.56	1.60	1.58	1.55	1.55	1.55	1.53	1.51	1.57	1.63
27.822	1.73	1.69	1.65	1.66	1.72	1.80	1.82	1.79	1.80	1.78
26.711	1.74	1.71	1.78	1.81	1.88	1.90	1.89	1.82	1.80	1.79
25.600	1.76	1.79	1.80	1.73	1.72	1.69	1.67	1.63	1.63	1.67
24.489	1.65	1.60	1.53	1.46	1.46	1.46	1.42	1.40	1.42	1.42
23.378	1.36	1.31	1.30	1.28	1.27	1.26	1.26	1.25	1.25	1.21
22.267	1.17	1.18	1.18	1.16	1.16	1.15	1.17	1.16	1.15	1.12
21.156	1.09	1.10	1.12	1.11	1.09	1.09	1.12	1.13	1.10	1.07
20.044	1.07	1.08	1.08	1.06	1.03	1.03	1.07	1.07	1.07	1.07
18.933	1.04	1.05	1.05	1.03	1.00	0.99	1.01	1.03	1.03	1.03
17.822	1.03	1.03	1.03	1.01	1.00	1.00	0.99	1.01	1.01	1.03
16.711	1.06	1.06	1.03	1.03	1.03	1.04	1.04	1.02	1.05	1.06
15.600	1.17	1.15	1.11	1.13	1.13	1.18	1.17	1.14	1.13	1.15
14.489	1.38	1.32	1.29	1.30	1.32	1.34	1.34	1.38	1.34	1.37
13.378	1.68	1.63	1.56	1.56	1.60	1.63	1.63	1.68	1.66	1.64
12.267	1.91	1.82	1.75	1.75	1.80	1.87	1.91	1.93	1.92	1.95
11.156	1.81	1.70	1.64	1.67	1.71	1.77	1.84	1.86	1.90	1.93

Observer 2: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 2: Maintenance value, luminance with dry roadway	1.39 cd/m²	0.99 cd/m²	1.95 cd/m²	0.71	0.51

Taikos pr. praplatėjimas prie Rūtų g.

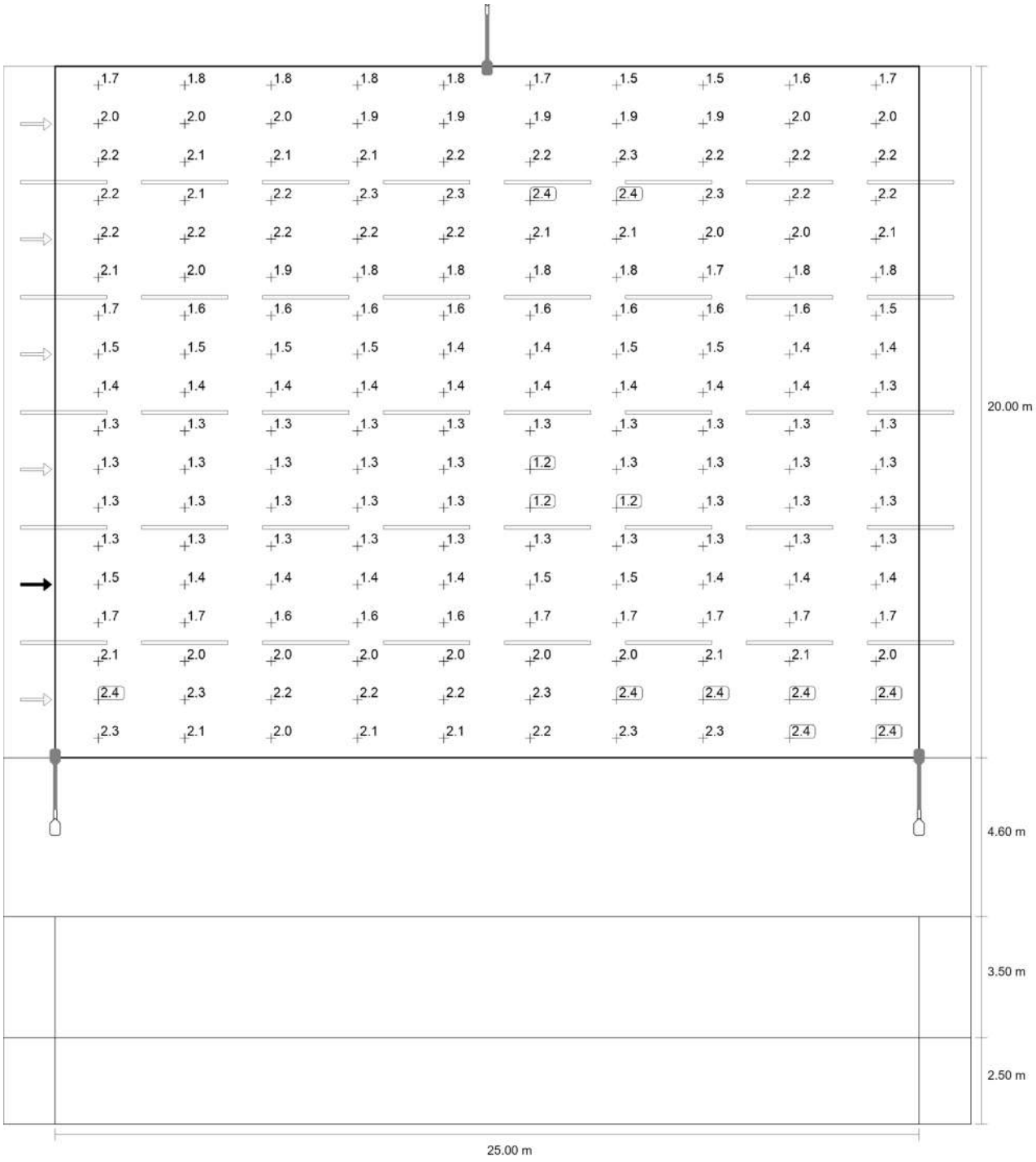
Taikos pr. praplatėjimas prie Rūtų g. (M3)



Observer 2: Luminance with new installation [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas prie Rūtų g.

Taikos pr. praplatėjimas prie Rūtų g. (M3)



Observer 2: Luminance with new installation [cd/m²] (Value grid)

Taikos pr. praplatėjimas prie Rūtų g.

Taikos pr. praplatėjimas prie Rūtų g. (M3)

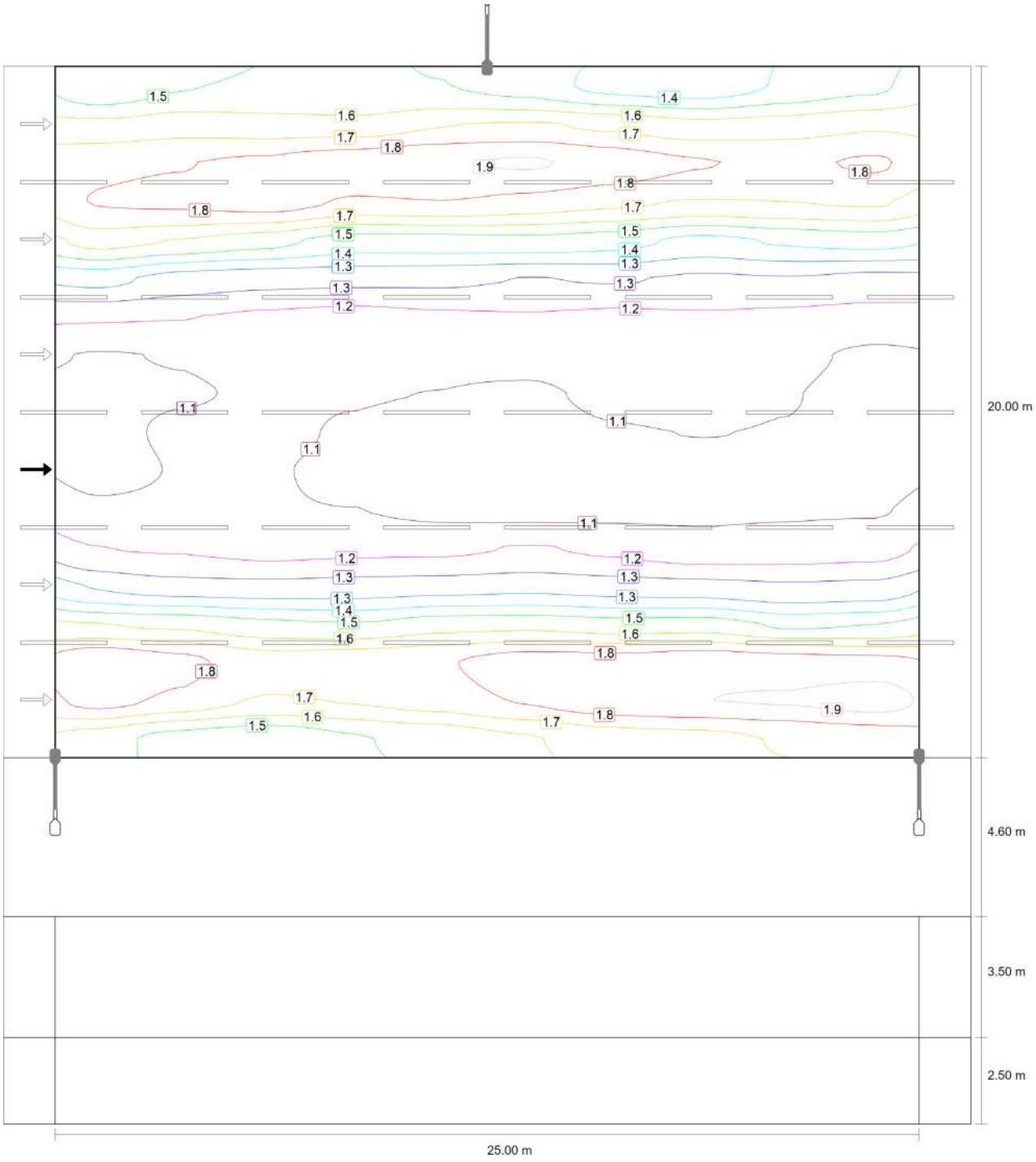
m	1.250	3.750	6.250	8.750	11.250	13.750	16.250	18.750	21.250	23.750
30.044	1.66	1.81	1.84	1.80	1.76	1.66	1.54	1.51	1.62	1.74
28.933	1.96	2.00	1.97	1.94	1.94	1.93	1.91	1.89	1.97	2.04
27.822	2.16	2.12	2.06	2.07	2.15	2.24	2.27	2.23	2.24	2.23
26.711	2.18	2.14	2.23	2.26	2.35	2.37	2.36	2.27	2.25	2.24
25.600	2.20	2.24	2.25	2.16	2.15	2.11	2.09	2.04	2.04	2.09
24.489	2.06	2.00	1.91	1.83	1.83	1.83	1.78	1.75	1.77	1.78
23.378	1.69	1.63	1.63	1.60	1.59	1.57	1.58	1.57	1.56	1.51
22.267	1.47	1.48	1.48	1.46	1.45	1.44	1.46	1.46	1.44	1.40
21.156	1.37	1.37	1.40	1.39	1.36	1.37	1.40	1.41	1.38	1.33
20.044	1.33	1.35	1.35	1.33	1.29	1.28	1.34	1.34	1.33	1.33
18.933	1.30	1.32	1.31	1.29	1.25	1.24	1.27	1.28	1.29	1.29
17.822	1.29	1.29	1.28	1.27	1.25	1.25	1.24	1.26	1.26	1.29
16.711	1.33	1.33	1.29	1.29	1.29	1.30	1.30	1.27	1.32	1.32
15.600	1.46	1.43	1.39	1.41	1.42	1.47	1.46	1.43	1.41	1.44
14.489	1.73	1.65	1.61	1.62	1.65	1.68	1.67	1.73	1.68	1.72
13.378	2.10	2.03	1.95	1.95	2.00	2.04	2.04	2.10	2.07	2.05
12.267	2.39	2.28	2.18	2.19	2.24	2.34	2.39	2.41	2.40	2.43
11.156	2.26	2.13	2.05	2.09	2.14	2.21	2.30	2.33	2.38	2.42

Observer 2: Luminance with new installation [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 2: Luminance with new installation	1.74 cd/m²	1.24 cd/m²	2.43 cd/m²	0.71	0.51

Taikos pr. praplatėjimas prie Rūtų g.

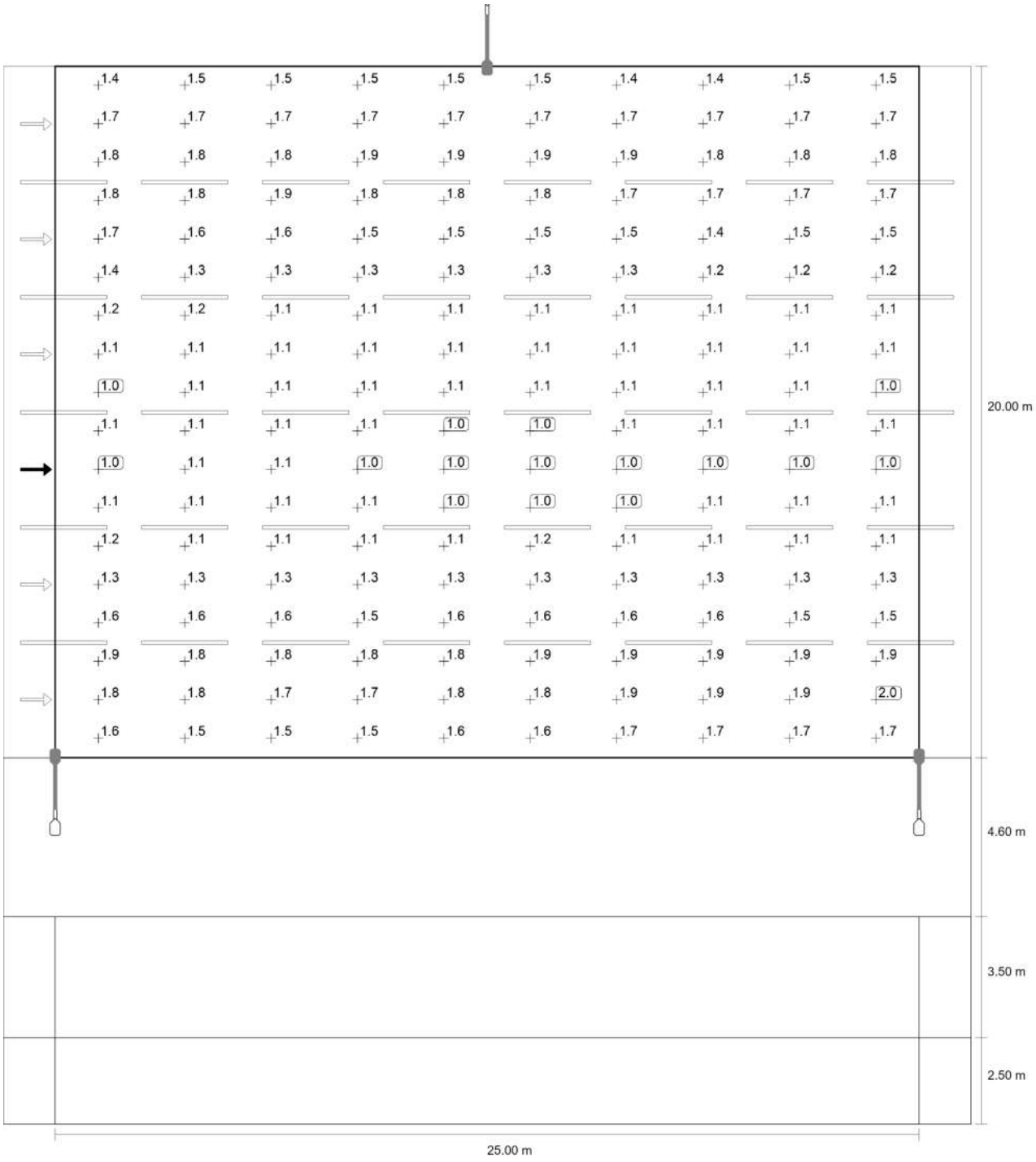
Taikos pr. praplatėjimas prie Rūtų g. (M3)



Observer 3: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas prie Rūtų g.

Taikos pr. praplatėjimas prie Rūtų g. (M3)



Observer 3: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

Taikos pr. praplatėjimas prie Rūtų g.

Taikos pr. praplatėjimas prie Rūtų g. (M3)

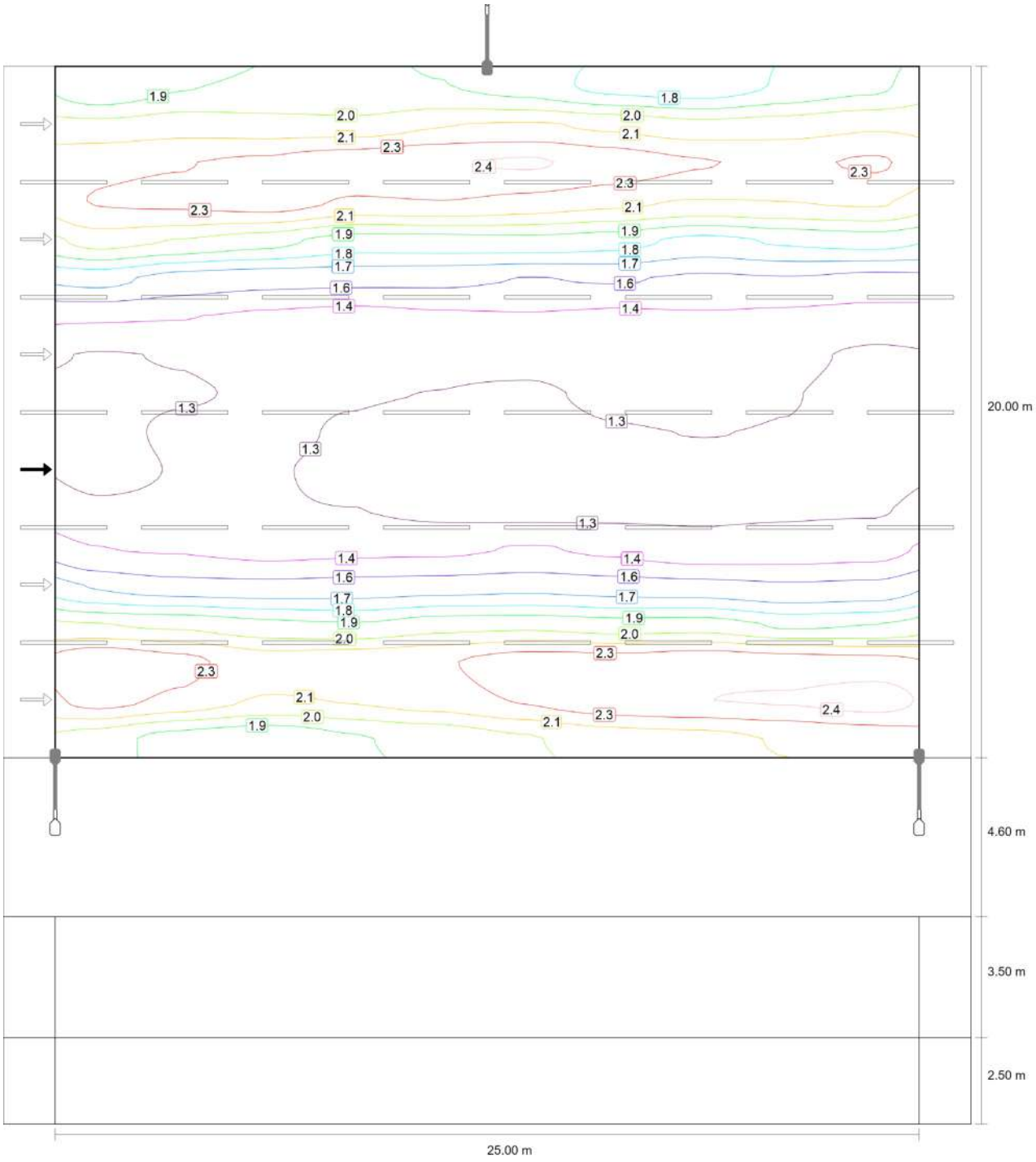
m	1.250	3.750	6.250	8.750	11.250	13.750	16.250	18.750	21.250	23.750
30.044	1.45	1.53	1.54	1.54	1.53	1.49	1.40	1.38	1.45	1.51
28.933	1.65	1.68	1.67	1.66	1.71	1.73	1.70	1.65	1.67	1.71
27.822	1.79	1.81	1.83	1.87	1.90	1.91	1.86	1.82	1.80	1.82
26.711	1.82	1.83	1.86	1.80	1.81	1.77	1.74	1.71	1.72	1.73
25.600	1.66	1.62	1.57	1.49	1.50	1.50	1.48	1.41	1.45	1.48
24.489	1.38	1.30	1.28	1.28	1.27	1.25	1.26	1.24	1.25	1.22
23.378	1.17	1.16	1.14	1.13	1.14	1.15	1.14	1.15	1.14	1.12
22.267	1.06	1.07	1.09	1.09	1.08	1.09	1.11	1.11	1.08	1.05
21.156	1.05	1.06	1.07	1.07	1.06	1.05	1.09	1.09	1.07	1.05
20.044	1.05	1.08	1.08	1.06	1.03	1.03	1.06	1.07	1.06	1.05
18.933	1.05	1.07	1.07	1.05	1.03	1.02	1.03	1.04	1.05	1.05
17.822	1.08	1.08	1.07	1.07	1.05	1.04	1.04	1.05	1.06	1.06
16.711	1.16	1.15	1.13	1.14	1.14	1.16	1.14	1.10	1.11	1.12
15.600	1.34	1.29	1.28	1.29	1.30	1.32	1.30	1.29	1.27	1.28
14.489	1.63	1.61	1.56	1.54	1.59	1.60	1.57	1.58	1.51	1.53
13.378	1.90	1.84	1.76	1.78	1.80	1.86	1.85	1.88	1.86	1.85
12.267	1.85	1.78	1.71	1.73	1.76	1.82	1.88	1.90	1.91	1.95
11.156	1.57	1.50	1.46	1.52	1.56	1.62	1.67	1.69	1.73	1.75

Observer 3: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 3: Maintenance value, luminance with dry roadway	1.41 cd/m²	1.02 cd/m²	1.95 cd/m²	0.72	0.52

Taikos pr. praplatėjimas prie Rūtų g.

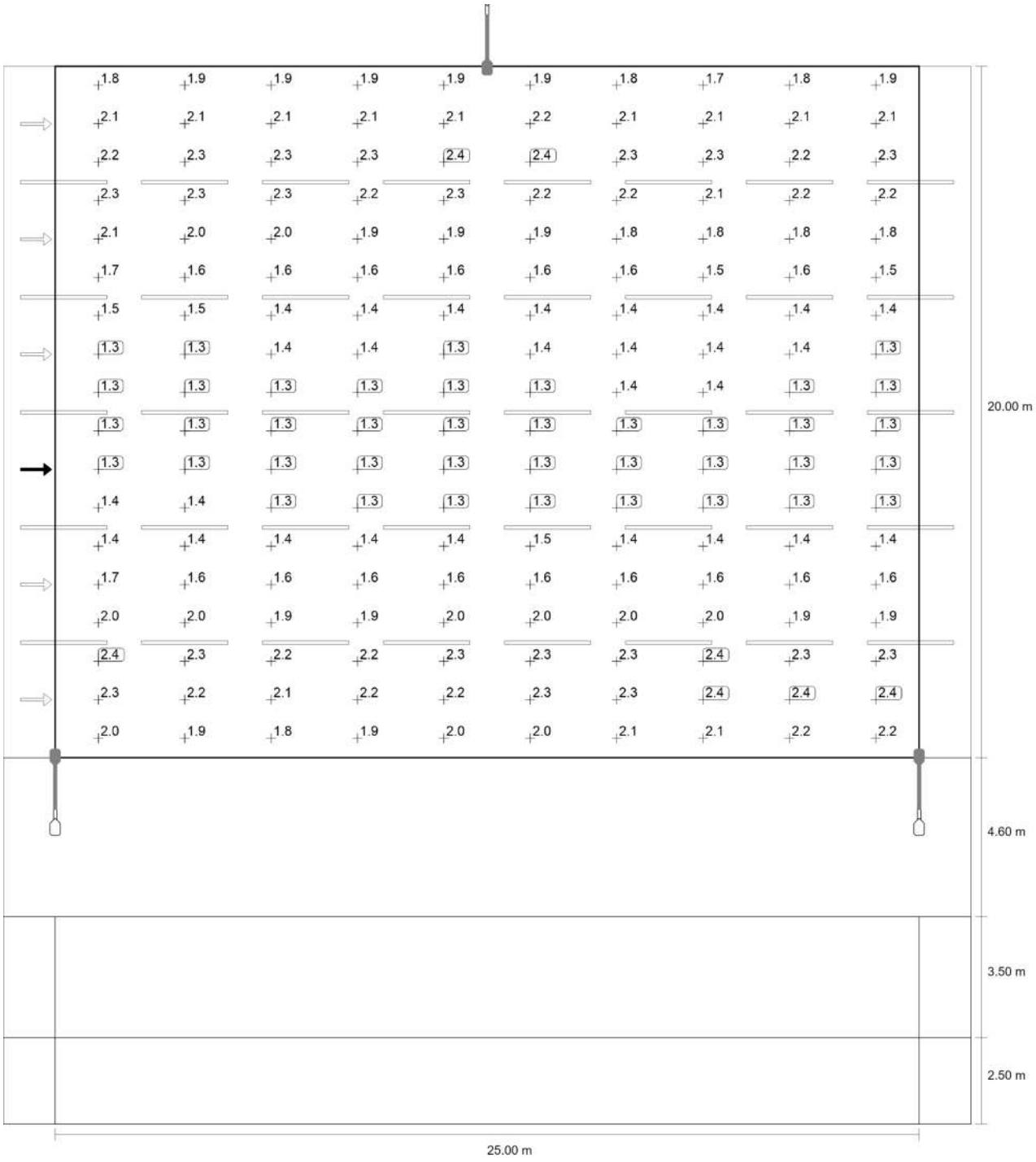
Taikos pr. praplatėjimas prie Rūtų g. (M3)



Observer 3: Luminance with new installation [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas prie Rūtų g.

Taikos pr. praplatėjimas prie Rūtų g. (M3)



Observer 3: Luminance with new installation [cd/m²] (Value grid)

Taikos pr. praplatėjimas prie Rūtų g.

Taikos pr. praplatėjimas prie Rūtų g. (M3)

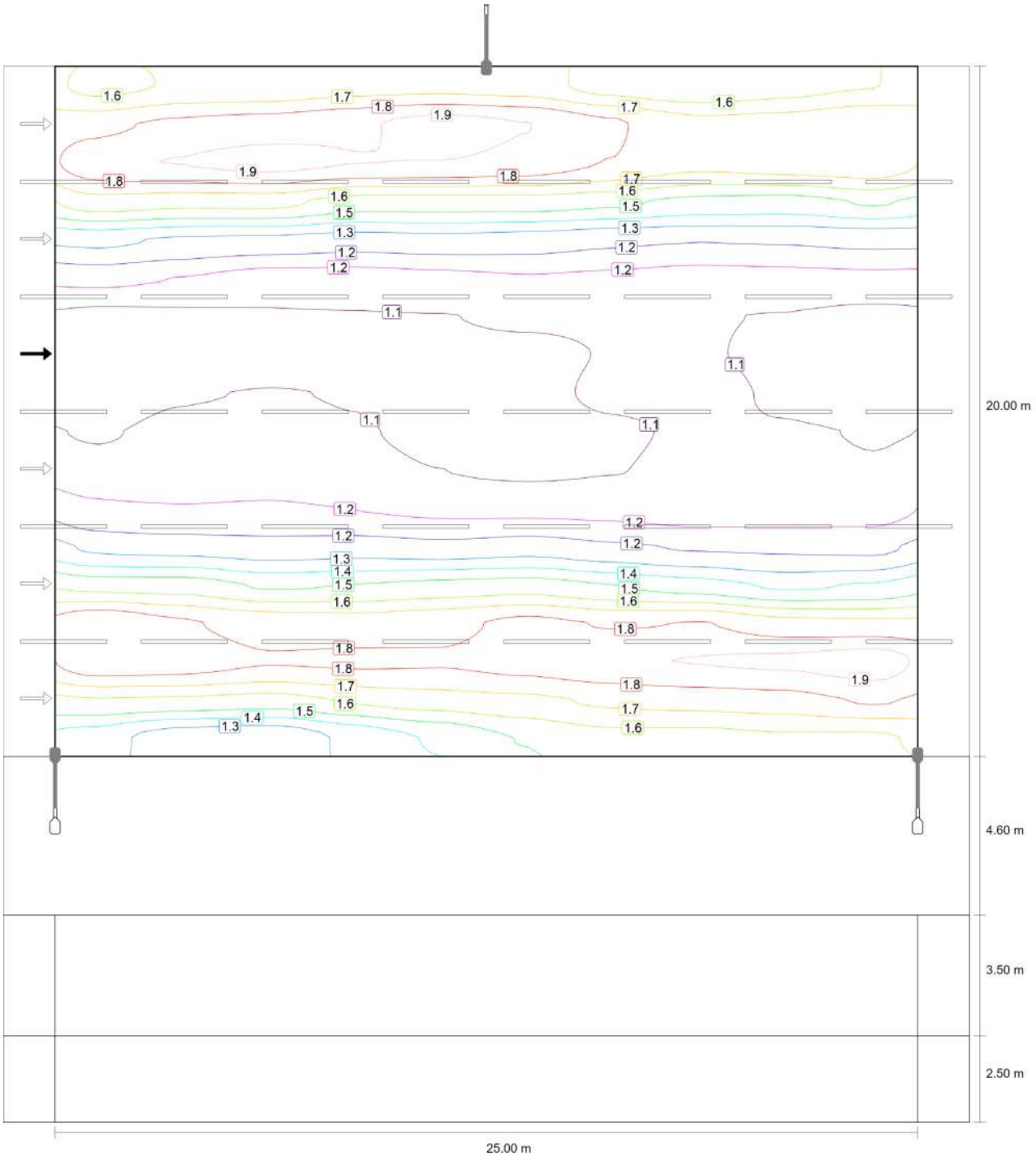
m	1.250	3.750	6.250	8.750	11.250	13.750	16.250	18.750	21.250	23.750
30.044	1.81	1.91	1.93	1.93	1.92	1.86	1.76	1.72	1.81	1.89
28.933	2.07	2.10	2.08	2.07	2.14	2.16	2.12	2.07	2.09	2.13
27.822	2.24	2.26	2.29	2.33	2.37	2.39	2.33	2.27	2.25	2.28
26.711	2.27	2.29	2.32	2.25	2.26	2.22	2.18	2.14	2.15	2.17
25.600	2.08	2.03	1.96	1.86	1.87	1.88	1.85	1.77	1.82	1.85
24.489	1.72	1.63	1.60	1.60	1.59	1.56	1.58	1.54	1.56	1.53
23.378	1.46	1.45	1.43	1.41	1.43	1.44	1.42	1.44	1.42	1.40
22.267	1.33	1.34	1.37	1.37	1.34	1.36	1.39	1.38	1.36	1.32
21.156	1.31	1.32	1.34	1.34	1.33	1.31	1.36	1.36	1.34	1.31
20.044	1.31	1.35	1.35	1.32	1.28	1.28	1.32	1.33	1.33	1.32
18.933	1.31	1.34	1.34	1.31	1.28	1.27	1.28	1.30	1.31	1.31
17.822	1.35	1.36	1.34	1.33	1.31	1.30	1.30	1.32	1.32	1.32
16.711	1.45	1.44	1.41	1.42	1.42	1.45	1.42	1.37	1.38	1.40
15.600	1.67	1.61	1.60	1.62	1.63	1.65	1.63	1.61	1.58	1.60
14.489	2.03	2.01	1.95	1.92	1.99	2.00	1.97	1.98	1.89	1.91
13.378	2.37	2.30	2.20	2.22	2.26	2.32	2.32	2.35	2.33	2.32
12.267	2.31	2.23	2.13	2.16	2.20	2.28	2.35	2.38	2.39	2.44
11.156	1.97	1.87	1.83	1.90	1.95	2.02	2.09	2.11	2.16	2.19

Observer 3: Luminance with new installation [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 3: Luminance with new installation	1.76 cd/m²	1.27 cd/m²	2.44 cd/m²	0.72	0.52

Taikos pr. praplatėjimas prie Rūtų g.

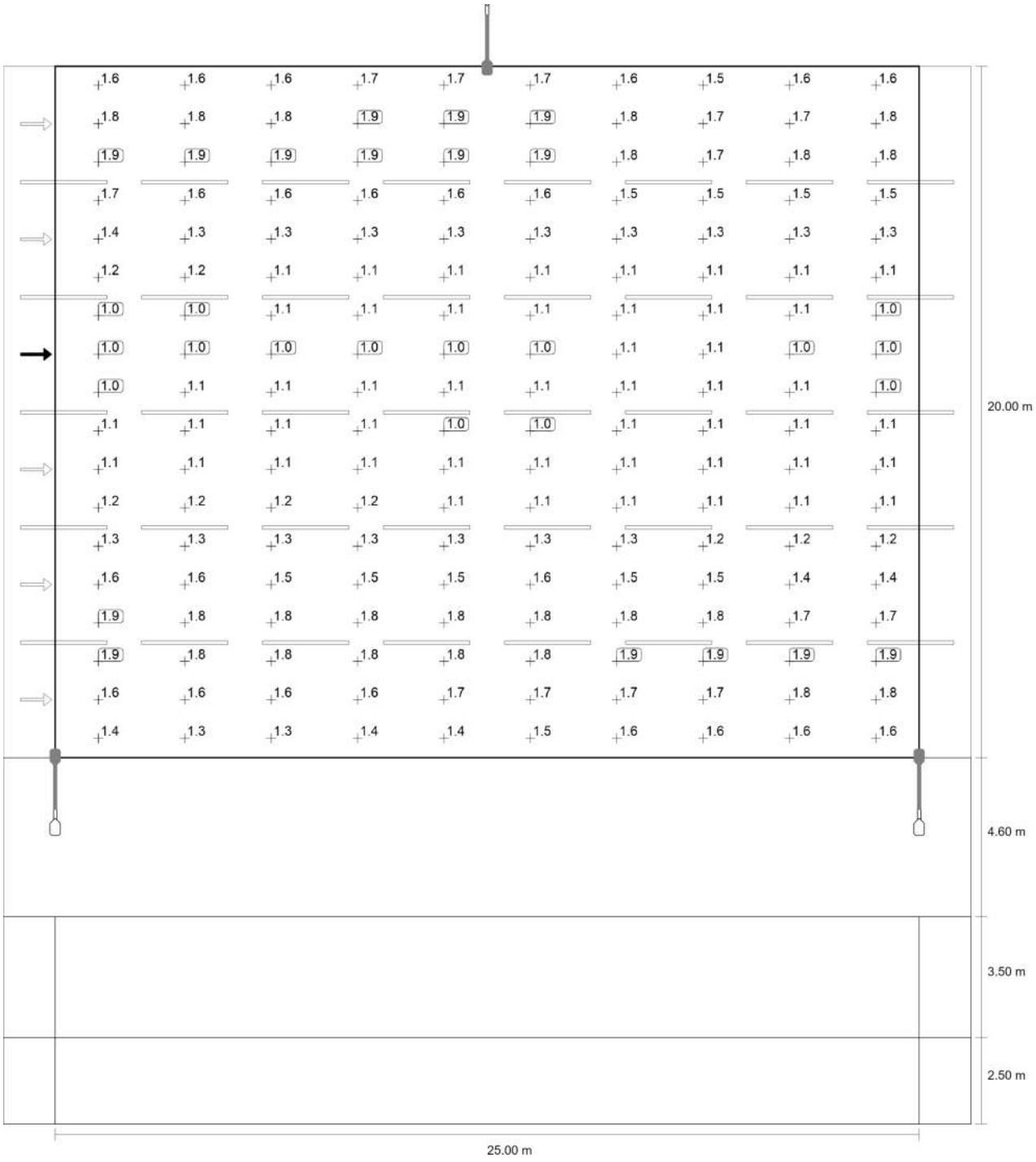
Taikos pr. praplatėjimas prie Rūtų g. (M3)



Observer 4: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas prie Rūtų g.

Taikos pr. praplatėjimas prie Rūtų g. (M3)



Observer 4: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

Taikos pr. praplatėjimas prie Rūtų g.

Taikos pr. praplatėjimas prie Rūtų g. (M3)

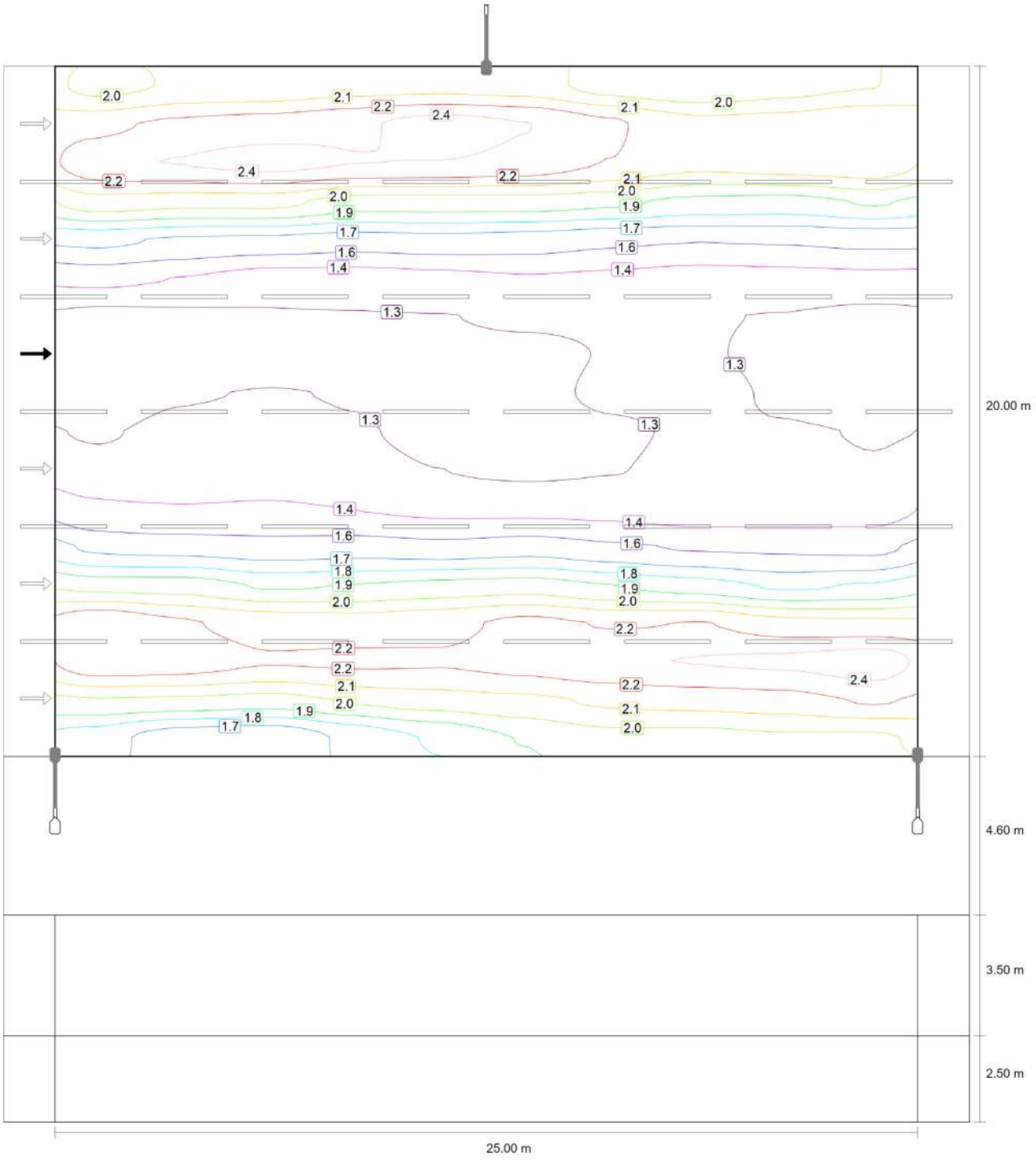
m	1.250	3.750	6.250	8.750	11.250	13.750	16.250	18.750	21.250	23.750
30.044	1.58	1.63	1.63	1.66	1.67	1.66	1.57	1.52	1.57	1.61
28.933	1.77	1.82	1.85	1.87	1.92	1.89	1.81	1.73	1.75	1.79
27.822	1.86	1.89	1.92	1.89	1.89	1.86	1.79	1.73	1.76	1.78
26.711	1.67	1.64	1.65	1.57	1.57	1.57	1.55	1.50	1.49	1.54
25.600	1.36	1.33	1.32	1.29	1.31	1.29	1.26	1.25	1.26	1.27
24.489	1.18	1.16	1.12	1.12	1.13	1.15	1.14	1.12	1.12	1.13
23.378	1.04	1.05	1.06	1.06	1.06	1.08	1.08	1.07	1.06	1.04
22.267	1.02	1.03	1.04	1.05	1.05	1.05	1.07	1.07	1.05	1.03
21.156	1.03	1.06	1.07	1.06	1.05	1.05	1.08	1.08	1.06	1.03
20.044	1.06	1.09	1.09	1.07	1.05	1.04	1.06	1.07	1.07	1.06
18.933	1.10	1.12	1.12	1.10	1.06	1.05	1.06	1.08	1.08	1.07
17.822	1.18	1.16	1.17	1.15	1.14	1.13	1.13	1.11	1.11	1.12
16.711	1.32	1.30	1.29	1.30	1.28	1.30	1.26	1.24	1.23	1.22
15.600	1.58	1.57	1.51	1.52	1.55	1.57	1.52	1.47	1.41	1.44
14.489	1.87	1.81	1.76	1.75	1.77	1.82	1.79	1.80	1.74	1.73
13.378	1.87	1.85	1.80	1.81	1.81	1.84	1.87	1.89	1.91	1.94
12.267	1.61	1.60	1.57	1.63	1.66	1.68	1.72	1.74	1.76	1.81
11.156	1.38	1.29	1.27	1.36	1.44	1.53	1.58	1.59	1.61	1.60

Observer 4: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 4: Maintenance value, luminance with dry roadway	1.41 cd/m²	1.02 cd/m²	1.94 cd/m²	0.72	0.53

Taikos pr. praplatėjimas prie Rūtų g.

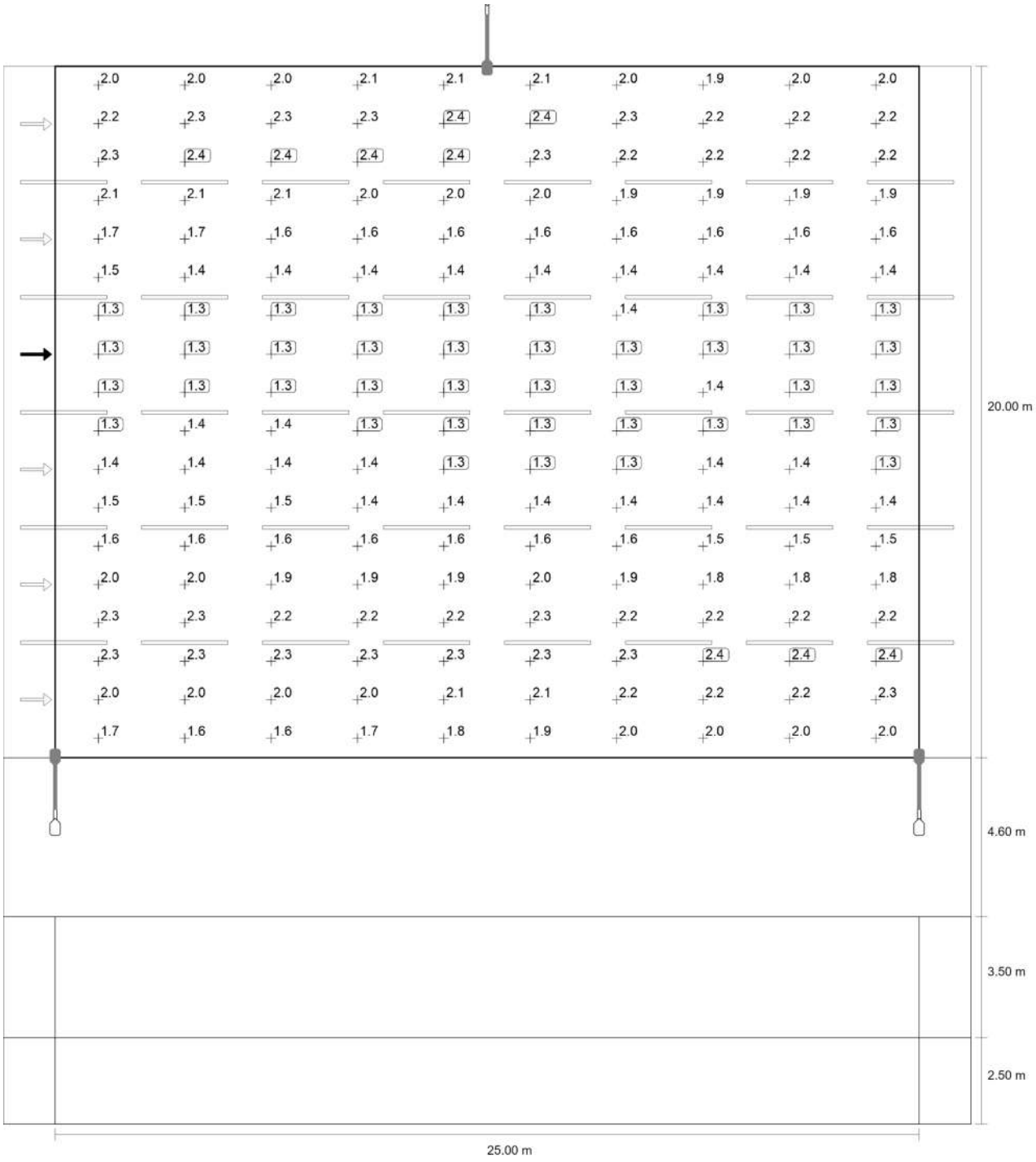
Taikos pr. praplatėjimas prie Rūtų g. (M3)



Observer 4: Luminance with new installation [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas prie Rūtų g.

Taikos pr. praplatėjimas prie Rūtų g. (M3)



Observer 4: Luminance with new installation [cd/m²] (Value grid)

Taikos pr. praplatėjimas prie Rūtų g.

Taikos pr. praplatėjimas prie Rūtų g. (M3)

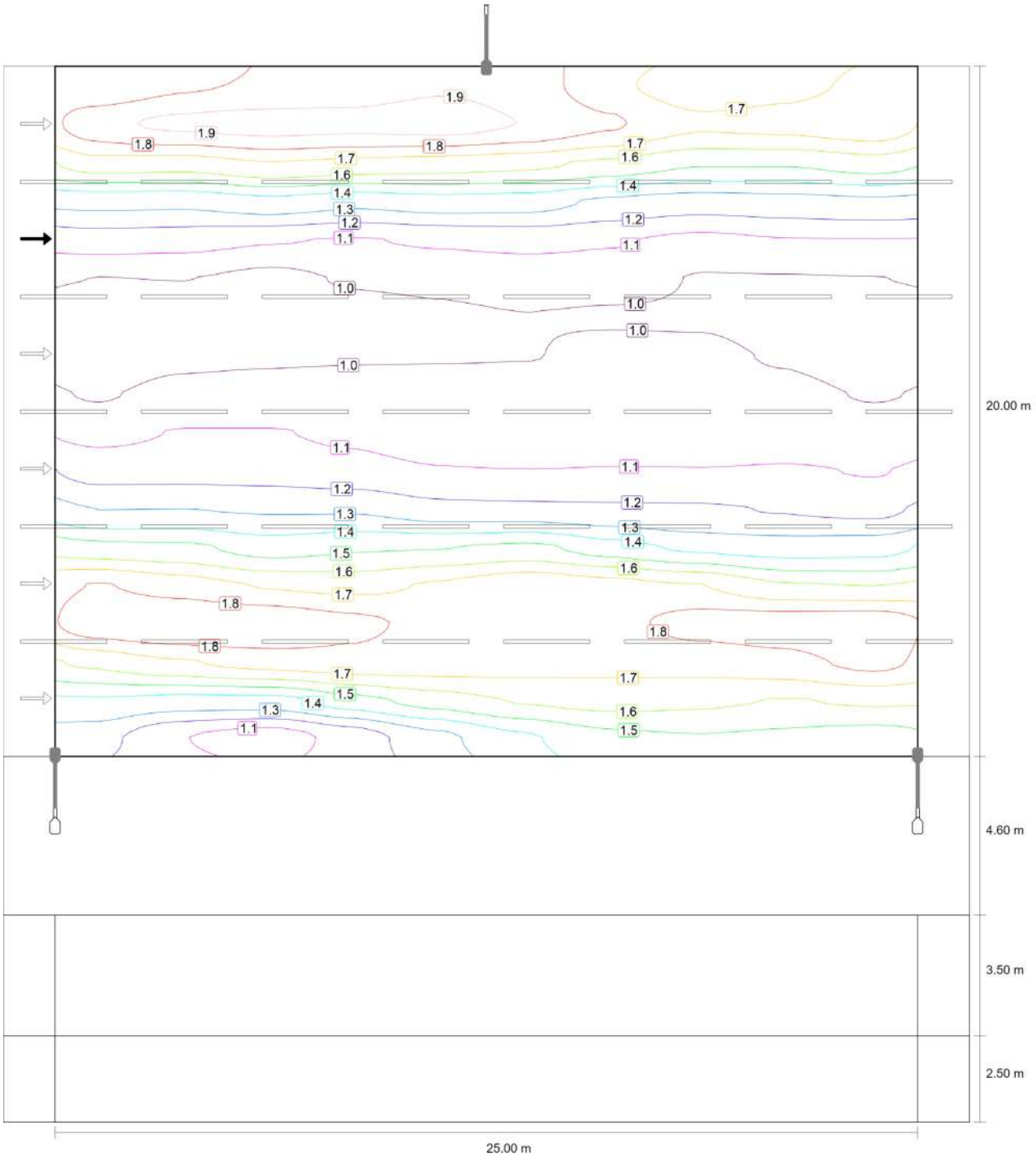
m	1.250	3.750	6.250	8.750	11.250	13.750	16.250	18.750	21.250	23.750
30.044	1.98	2.03	2.04	2.08	2.09	2.07	1.96	1.90	1.96	2.01
28.933	2.21	2.28	2.31	2.34	2.41	2.36	2.26	2.16	2.18	2.23
27.822	2.32	2.37	2.40	2.37	2.36	2.33	2.24	2.17	2.20	2.22
26.711	2.09	2.06	2.06	1.97	1.96	1.97	1.93	1.87	1.86	1.92
25.600	1.70	1.66	1.65	1.62	1.63	1.62	1.58	1.56	1.57	1.59
24.489	1.48	1.44	1.39	1.39	1.41	1.43	1.42	1.39	1.40	1.41
23.378	1.30	1.31	1.32	1.33	1.33	1.35	1.35	1.34	1.33	1.30
22.267	1.27	1.28	1.30	1.31	1.31	1.31	1.34	1.34	1.31	1.28
21.156	1.28	1.32	1.33	1.33	1.32	1.31	1.35	1.35	1.32	1.29
20.044	1.32	1.37	1.37	1.34	1.31	1.31	1.32	1.34	1.34	1.33
18.933	1.37	1.40	1.39	1.37	1.33	1.31	1.33	1.36	1.36	1.34
17.822	1.47	1.45	1.46	1.44	1.42	1.42	1.41	1.39	1.39	1.40
16.711	1.65	1.63	1.61	1.62	1.60	1.63	1.58	1.55	1.54	1.53
15.600	1.98	1.97	1.88	1.90	1.94	1.96	1.90	1.84	1.76	1.80
14.489	2.33	2.26	2.20	2.19	2.22	2.27	2.24	2.25	2.18	2.17
13.378	2.33	2.31	2.26	2.27	2.26	2.30	2.34	2.37	2.38	2.42
12.267	2.01	2.00	1.97	2.04	2.08	2.11	2.16	2.18	2.20	2.26
11.156	1.72	1.61	1.59	1.70	1.80	1.91	1.98	1.99	2.01	2.01

Observer 4: Luminance with new installation [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 4: Luminance with new installation	1.76 cd/m²	1.27 cd/m²	2.42 cd/m²	0.72	0.53

Taikos pr. praplatėjimas prie Rūtų g.

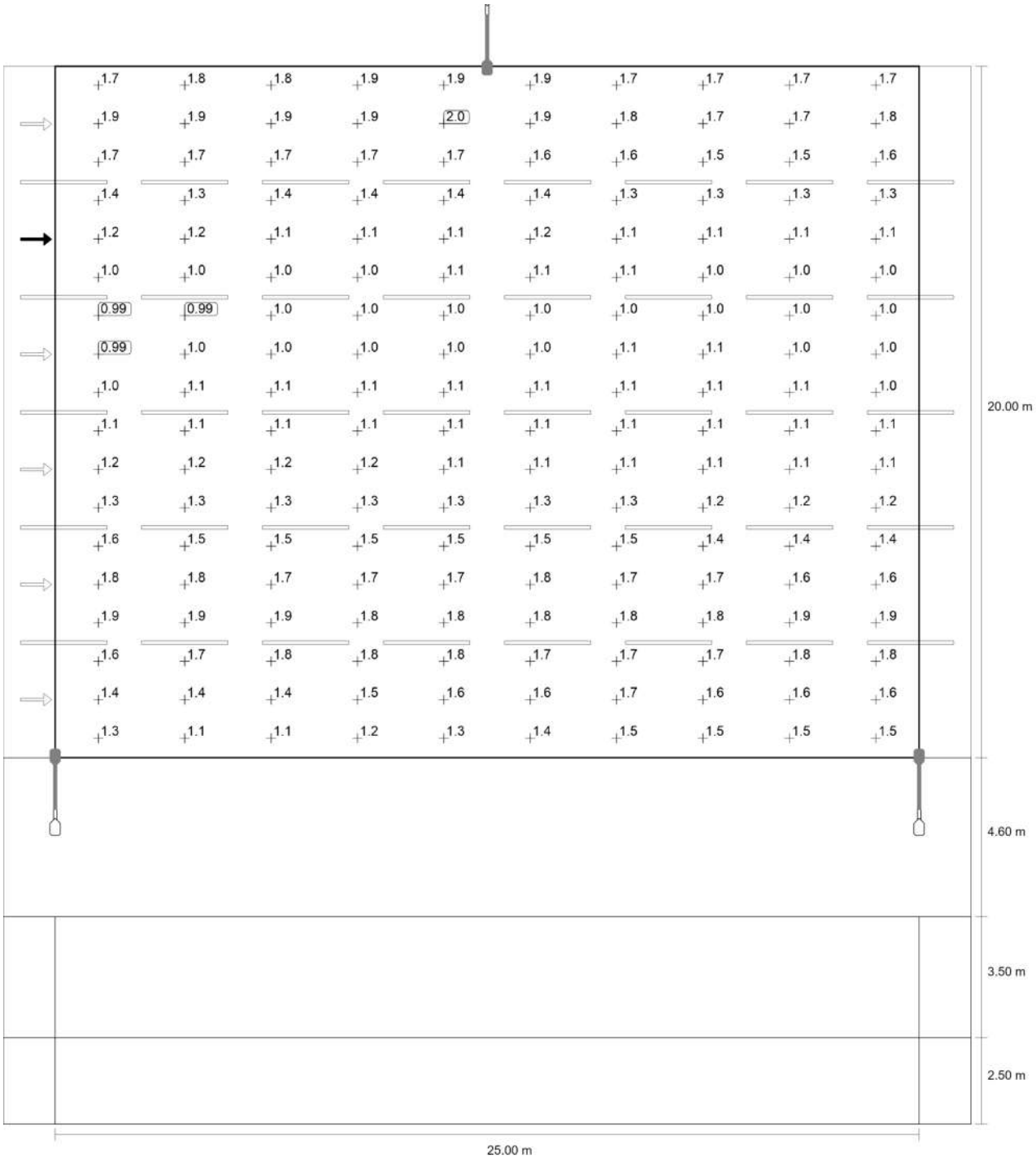
Taikos pr. praplatėjimas prie Rūtų g. (M3)



Observer 5: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas prie Rūtų g.

Taikos pr. praplatėjimas prie Rūtų g. (M3)



Observer 5: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

Taikos pr. praplatėjimas prie Rūtų g.

Taikos pr. praplatėjimas prie Rūtų g. (M3)

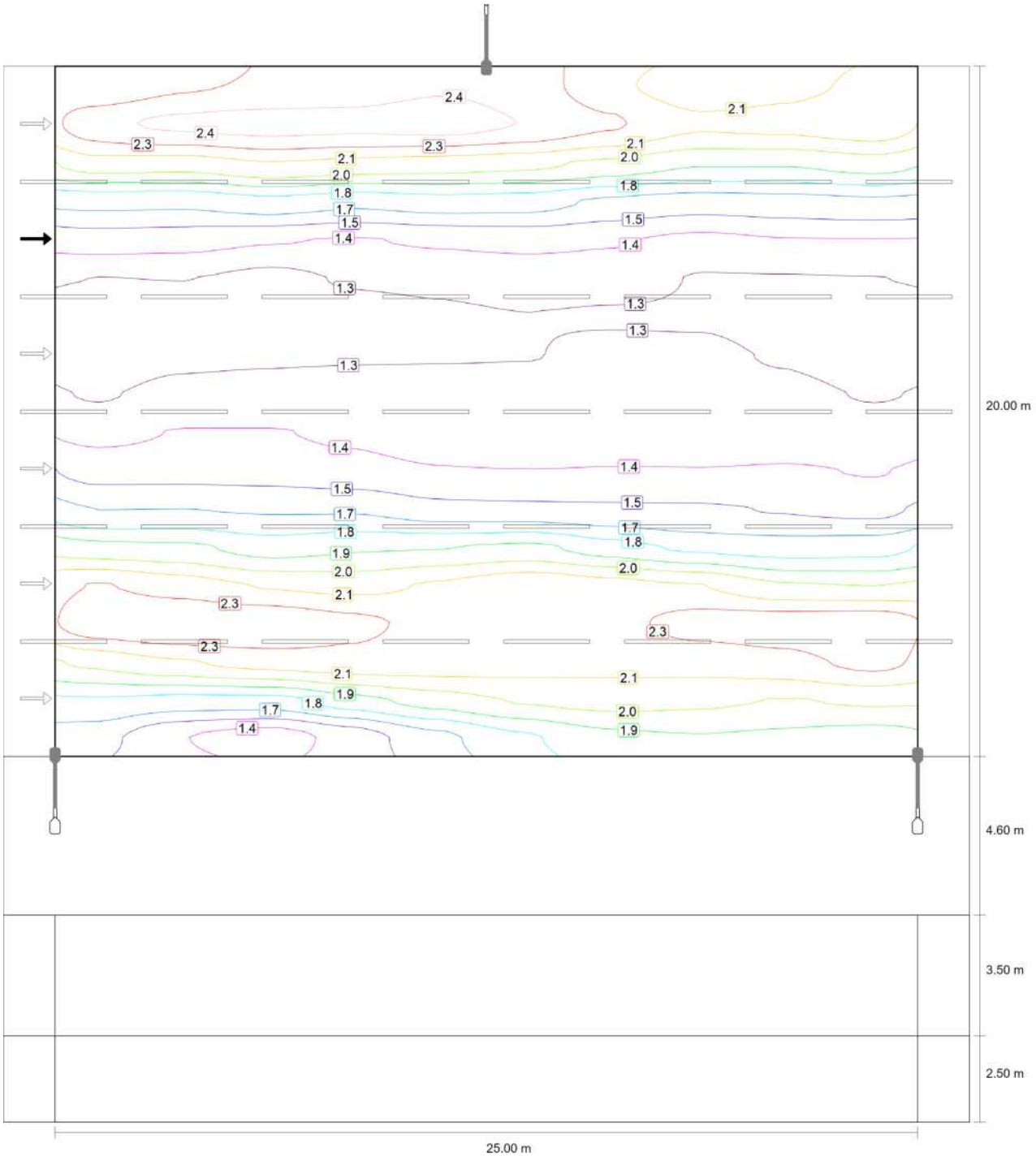
m	1.250	3.750	6.250	8.750	11.250	13.750	16.250	18.750	21.250	23.750
30.044	1.73	1.80	1.82	1.86	1.90	1.86	1.74	1.66	1.69	1.73
28.933	1.87	1.93	1.95	1.94	1.96	1.91	1.82	1.73	1.75	1.78
27.822	1.67	1.66	1.71	1.69	1.67	1.65	1.60	1.53	1.53	1.57
26.711	1.35	1.35	1.39	1.35	1.38	1.37	1.31	1.28	1.29	1.31
25.600	1.18	1.17	1.14	1.13	1.15	1.17	1.15	1.11	1.13	1.13
24.489	1.04	1.04	1.01	1.05	1.05	1.07	1.07	1.03	1.03	1.04
23.378	0.99	0.99	1.00	1.01	1.03	1.04	1.03	1.03	1.02	1.01
22.267	0.99	1.01	1.03	1.03	1.03	1.04	1.06	1.05	1.03	1.01
21.156	1.03	1.08	1.08	1.07	1.07	1.06	1.08	1.07	1.06	1.03
20.044	1.11	1.14	1.14	1.12	1.08	1.07	1.08	1.11	1.10	1.08
18.933	1.20	1.20	1.19	1.18	1.14	1.13	1.14	1.14	1.14	1.13
17.822	1.32	1.33	1.32	1.32	1.27	1.26	1.25	1.24	1.22	1.20
16.711	1.55	1.54	1.48	1.51	1.52	1.54	1.46	1.40	1.38	1.39
15.600	1.82	1.77	1.71	1.69	1.73	1.77	1.74	1.72	1.63	1.61
14.489	1.88	1.90	1.88	1.83	1.79	1.80	1.79	1.85	1.86	1.86
13.378	1.64	1.71	1.75	1.78	1.77	1.75	1.74	1.75	1.78	1.84
12.267	1.42	1.39	1.39	1.49	1.57	1.63	1.65	1.64	1.62	1.64
11.156	1.26	1.14	1.09	1.18	1.30	1.41	1.49	1.51	1.50	1.48

Observer 5: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 5: Maintenance value, luminance with dry roadway	1.39 cd/m²	0.99 cd/m²	1.96 cd/m²	0.71	0.51

Taikos pr. praplatėjimas prie Rūtų g.

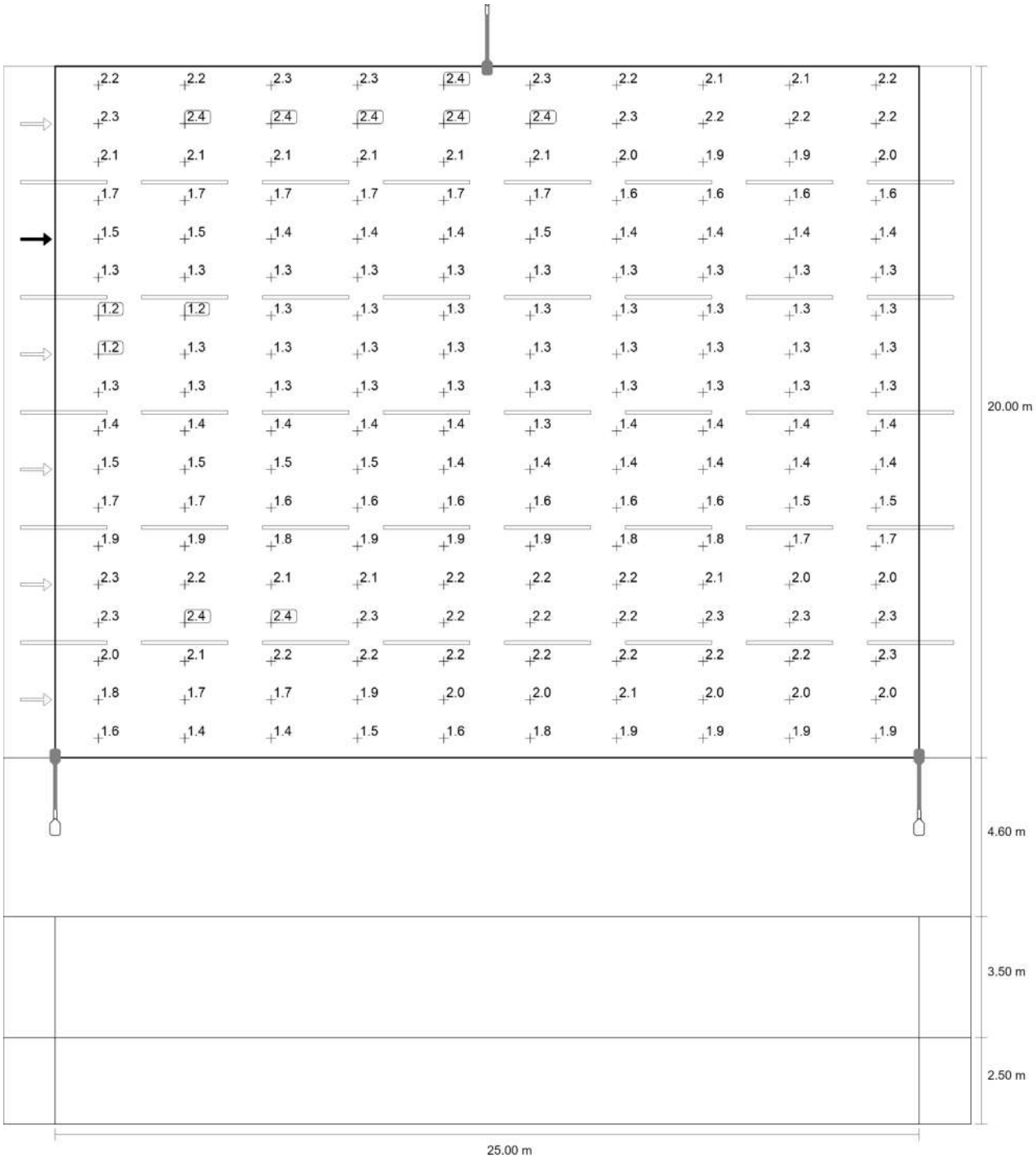
Taikos pr. praplatėjimas prie Rūtų g. (M3)



Observer 5: Luminance with new installation [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas prie Rūtų g.

Taikos pr. praplatėjimas prie Rūtų g. (M3)



Observer 5: Luminance with new installation [cd/m²] (Value grid)

Taikos pr. praplatėjimas prie Rūtų g.

Taikos pr. praplatėjimas prie Rūtų g. (M3)

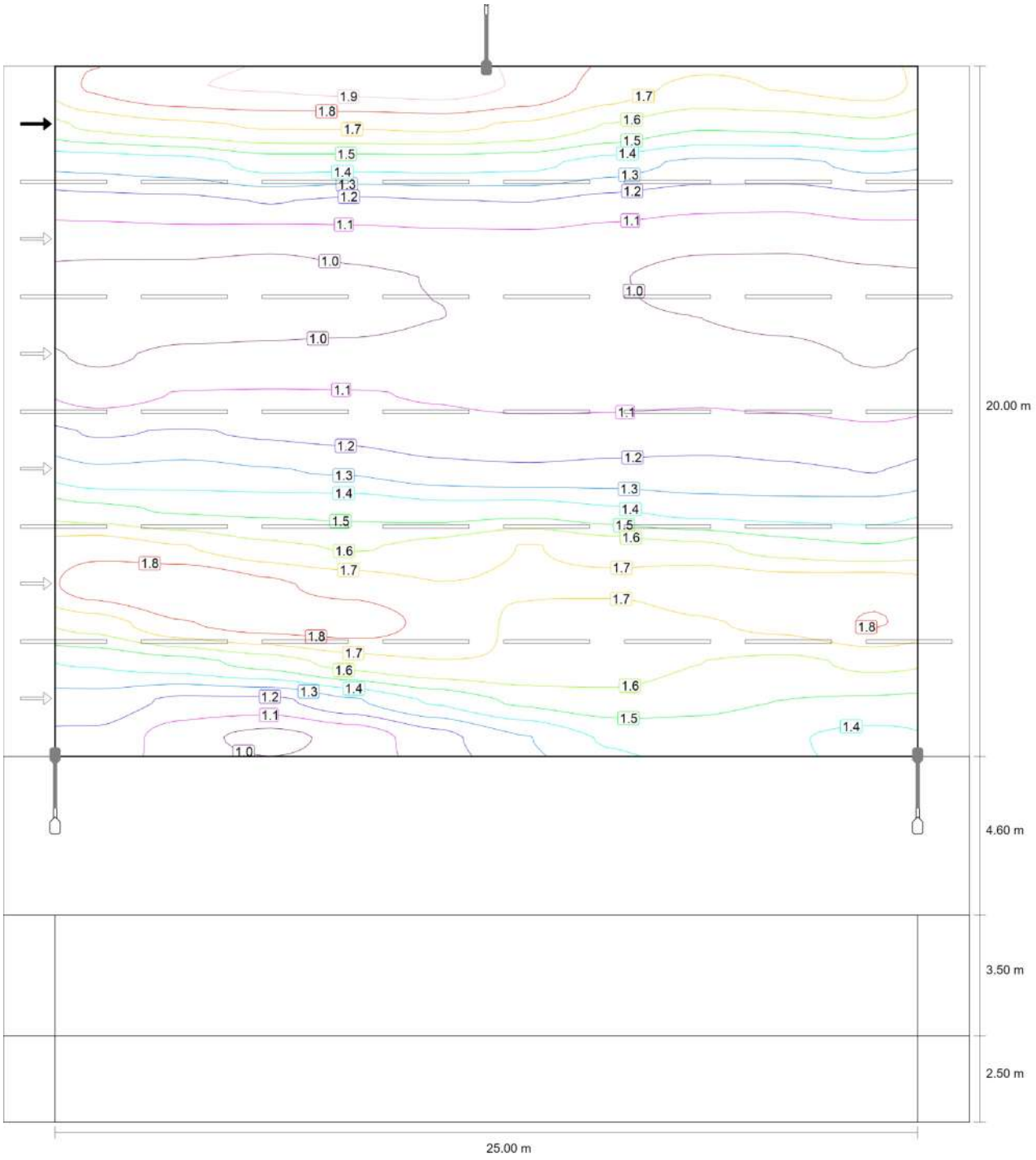
m	1.250	3.750	6.250	8.750	11.250	13.750	16.250	18.750	21.250	23.750
30.044	2.16	2.25	2.28	2.33	2.37	2.33	2.18	2.07	2.11	2.17
28.933	2.34	2.41	2.44	2.42	2.45	2.38	2.28	2.17	2.18	2.23
27.822	2.09	2.08	2.14	2.11	2.08	2.06	2.00	1.91	1.91	1.96
26.711	1.69	1.68	1.74	1.69	1.73	1.71	1.64	1.59	1.61	1.63
25.600	1.47	1.46	1.43	1.41	1.44	1.46	1.43	1.39	1.41	1.42
24.489	1.30	1.30	1.27	1.31	1.32	1.33	1.33	1.29	1.29	1.30
23.378	1.24	1.24	1.25	1.26	1.29	1.30	1.29	1.29	1.27	1.26
22.267	1.24	1.27	1.28	1.29	1.29	1.29	1.32	1.32	1.29	1.26
21.156	1.29	1.34	1.35	1.34	1.34	1.33	1.35	1.34	1.33	1.29
20.044	1.38	1.42	1.42	1.40	1.35	1.34	1.35	1.38	1.37	1.35
18.933	1.50	1.50	1.49	1.47	1.43	1.42	1.42	1.42	1.43	1.41
17.822	1.66	1.66	1.65	1.64	1.58	1.57	1.56	1.56	1.53	1.50
16.711	1.94	1.92	1.85	1.89	1.89	1.92	1.83	1.75	1.73	1.74
15.600	2.27	2.21	2.13	2.11	2.16	2.22	2.18	2.14	2.03	2.02
14.489	2.35	2.38	2.35	2.29	2.24	2.25	2.24	2.31	2.32	2.33
13.378	2.05	2.13	2.19	2.22	2.21	2.18	2.17	2.18	2.22	2.30
12.267	1.77	1.74	1.74	1.86	1.96	2.04	2.07	2.05	2.02	2.04
11.156	1.58	1.42	1.36	1.47	1.63	1.76	1.87	1.89	1.88	1.86

Observer 5: Luminance with new installation [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 5: Luminance with new installation	1.74 cd/m²	1.24 cd/m²	2.45 cd/m²	0.71	0.51

Taikos pr. praplatėjimas prie Rūtų g.

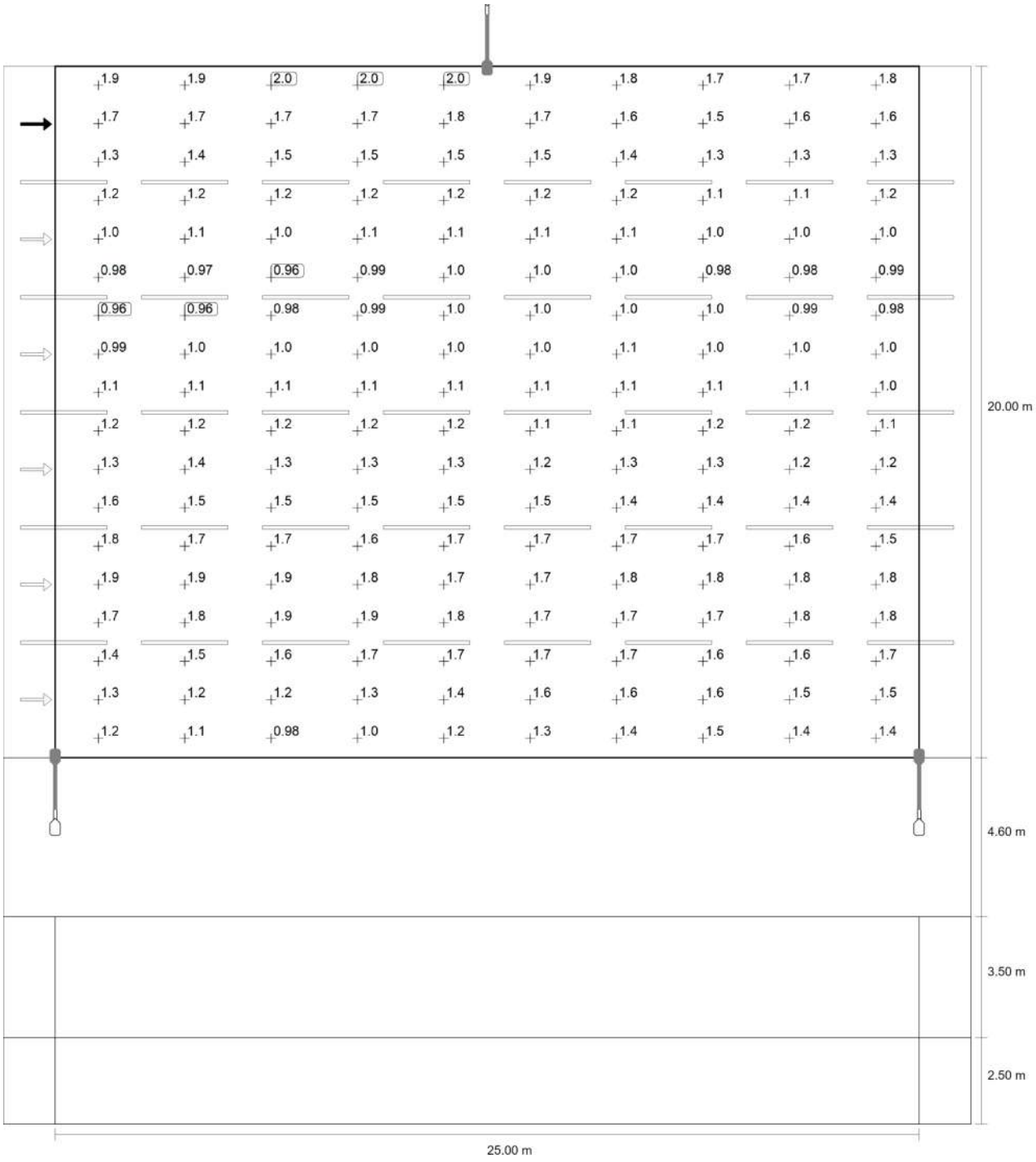
Taikos pr. praplatėjimas prie Rūtų g. (M3)



Observer 6: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas prie Rūtų g.

Taikos pr. praplatėjimas prie Rūtų g. (M3)



Observer 6: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

Taikos pr. praplatėjimas prie Rūtų g.

Taikos pr. praplatėjimas prie Rūtų g. (M3)

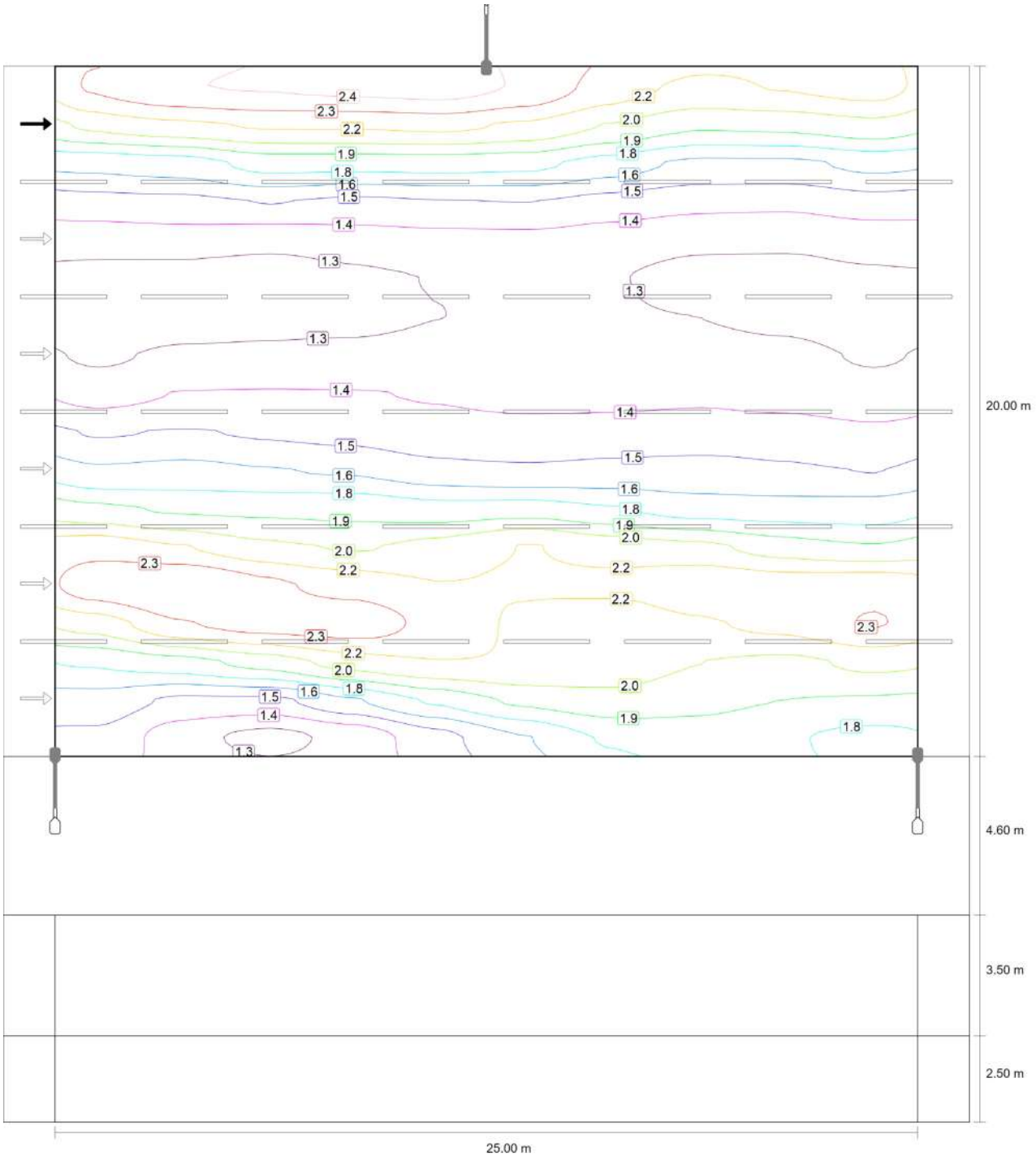
m	1.250	3.750	6.250	8.750	11.250	13.750	16.250	18.750	21.250	23.750
30.044	1.85	1.93	1.95	1.97	1.99	1.93	1.79	1.71	1.74	1.78
28.933	1.66	1.71	1.75	1.75	1.76	1.72	1.63	1.54	1.55	1.60
27.822	1.35	1.38	1.46	1.46	1.46	1.45	1.37	1.30	1.30	1.35
26.711	1.18	1.19	1.22	1.19	1.21	1.22	1.18	1.14	1.13	1.17
25.600	1.04	1.06	1.04	1.06	1.08	1.08	1.06	1.03	1.02	1.04
24.489	0.98	0.97	0.96	0.99	1.01	1.03	1.01	0.98	0.98	0.99
23.378	0.96	0.96	0.98	0.99	1.01	1.02	1.02	1.01	0.99	0.98
22.267	0.99	1.03	1.03	1.04	1.04	1.04	1.05	1.04	1.03	1.00
21.156	1.08	1.12	1.12	1.12	1.11	1.08	1.09	1.10	1.08	1.05
20.044	1.21	1.22	1.20	1.19	1.15	1.15	1.15	1.15	1.16	1.13
18.933	1.34	1.36	1.33	1.31	1.26	1.24	1.26	1.26	1.24	1.21
17.822	1.55	1.51	1.51	1.50	1.46	1.47	1.43	1.37	1.37	1.37
16.711	1.80	1.74	1.65	1.62	1.67	1.74	1.68	1.65	1.58	1.54
15.600	1.91	1.94	1.86	1.80	1.74	1.75	1.76	1.81	1.78	1.80
14.489	1.67	1.83	1.88	1.89	1.80	1.72	1.67	1.72	1.77	1.84
13.378	1.44	1.49	1.57	1.68	1.73	1.72	1.69	1.63	1.61	1.66
12.267	1.28	1.19	1.20	1.31	1.44	1.55	1.59	1.56	1.53	1.51
11.156	1.19	1.06	0.98	1.04	1.18	1.31	1.44	1.47	1.43	1.40

Observer 6: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 6: Maintenance value, luminance with dry roadway	1.37 cd/m²	0.96 cd/m²	1.99 cd/m²	0.70	0.48

Taikos pr. praplatėjimas prie Rūtų g.

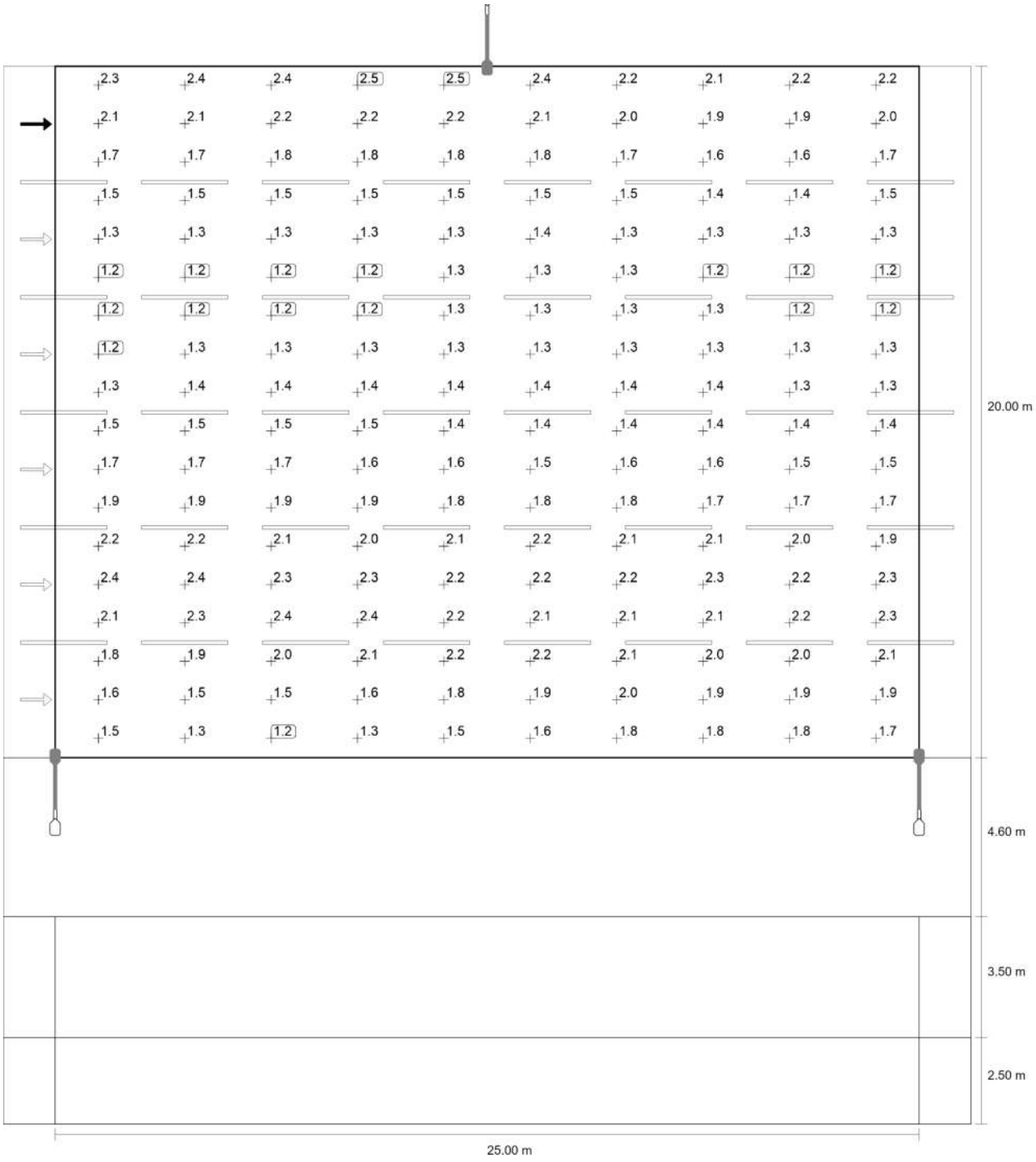
Taikos pr. praplatėjimas prie Rūtų g. (M3)



Observer 6: Luminance with new installation [cd/m²] (Iso-illuminance curves)

Taikos pr. praplatėjimas prie Rūtų g.

Taikos pr. praplatėjimas prie Rūtų g. (M3)



Observer 6: Luminance with new installation [cd/m²] (Value grid)

Taikos pr. praplatėjimas prie Rūtų g.

Taikos pr. praplatėjimas prie Rūtų g. (M3)

m	1.250	3.750	6.250	8.750	11.250	13.750	16.250	18.750	21.250	23.750
30.044	2.32	2.42	2.44	2.47	2.49	2.41	2.23	2.14	2.18	2.23
28.933	2.07	2.14	2.18	2.18	2.20	2.15	2.03	1.93	1.94	2.00
27.822	1.68	1.72	1.83	1.82	1.83	1.81	1.72	1.62	1.62	1.68
26.711	1.47	1.48	1.53	1.49	1.52	1.52	1.47	1.42	1.42	1.47
25.600	1.31	1.32	1.30	1.32	1.34	1.35	1.32	1.29	1.28	1.30
24.489	1.22	1.21	1.20	1.24	1.27	1.29	1.27	1.23	1.23	1.24
23.378	1.20	1.21	1.23	1.24	1.26	1.27	1.27	1.26	1.24	1.22
22.267	1.24	1.29	1.29	1.29	1.30	1.30	1.32	1.31	1.29	1.25
21.156	1.34	1.39	1.40	1.40	1.38	1.36	1.36	1.37	1.35	1.31
20.044	1.51	1.53	1.51	1.48	1.44	1.44	1.44	1.44	1.45	1.42
18.933	1.67	1.70	1.66	1.63	1.57	1.55	1.57	1.58	1.55	1.51
17.822	1.94	1.89	1.88	1.88	1.83	1.84	1.79	1.72	1.71	1.72
16.711	2.24	2.17	2.07	2.02	2.08	2.17	2.11	2.07	1.97	1.92
15.600	2.38	2.42	2.32	2.25	2.17	2.18	2.20	2.26	2.22	2.25
14.489	2.09	2.28	2.35	2.36	2.25	2.14	2.09	2.15	2.21	2.31
13.378	1.80	1.86	1.96	2.10	2.16	2.16	2.11	2.04	2.01	2.07
12.267	1.59	1.49	1.50	1.64	1.81	1.94	1.99	1.95	1.91	1.89
11.156	1.49	1.32	1.22	1.31	1.47	1.64	1.80	1.83	1.79	1.74

Observer 6: Luminance with new installation [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 6: Luminance with new installation	1.72 cd/m²	1.20 cd/m²	2.49 cd/m²	0.70	0.48

Taikos pr. praplatėjimas prie Rūtų g.

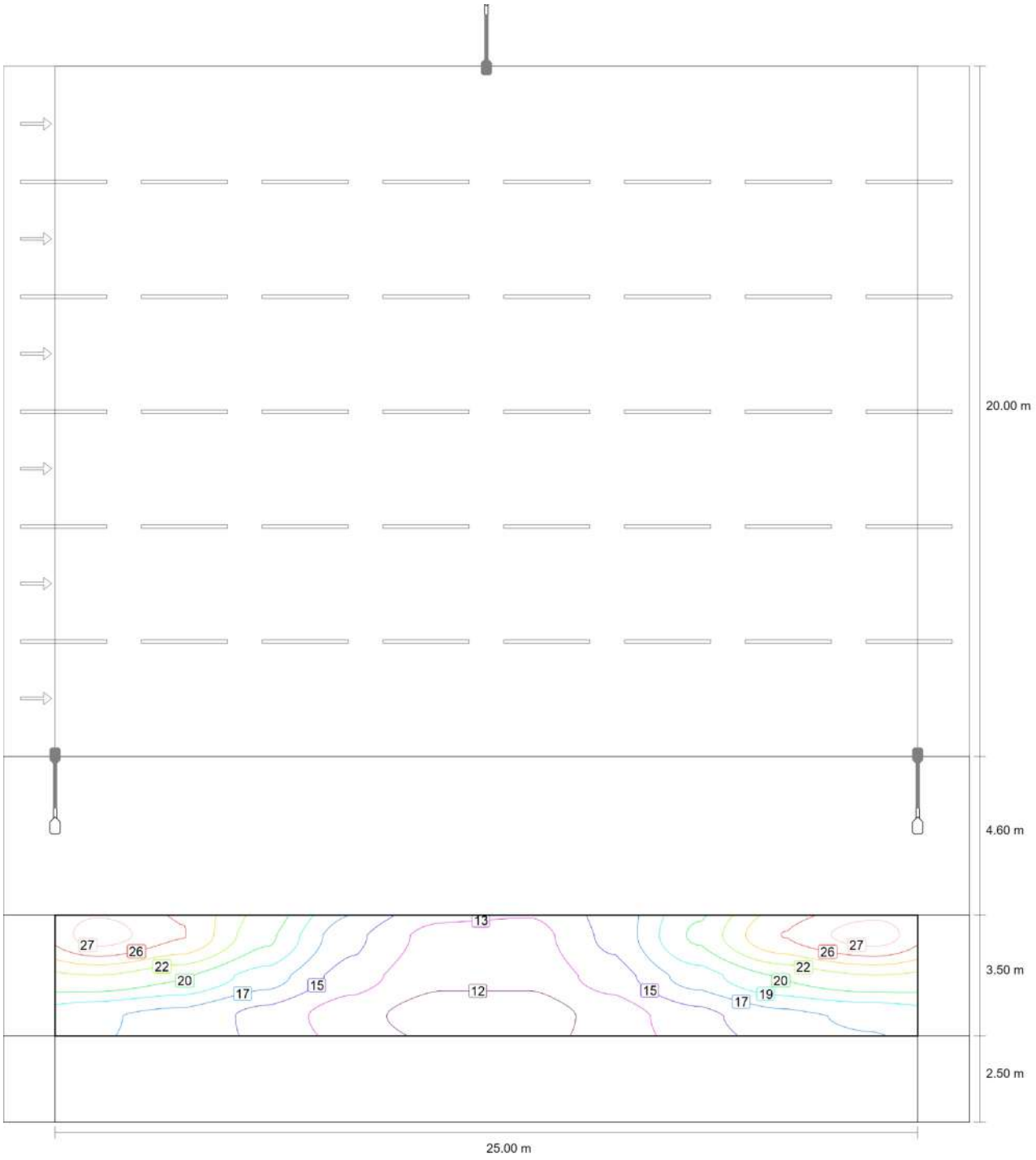
Bicycle lane (P3)

Results for valuation field

	Symbol	Calculated	Target	Check
Bicycle lane (P3)	E_{av}	17.41 lx	[7.50 - 11.25] lx	✓
	E_{min}	10.69 lx	≥ 1.50 lx	✓

Taikos pr. praplatėjimas prie Rūtų g.

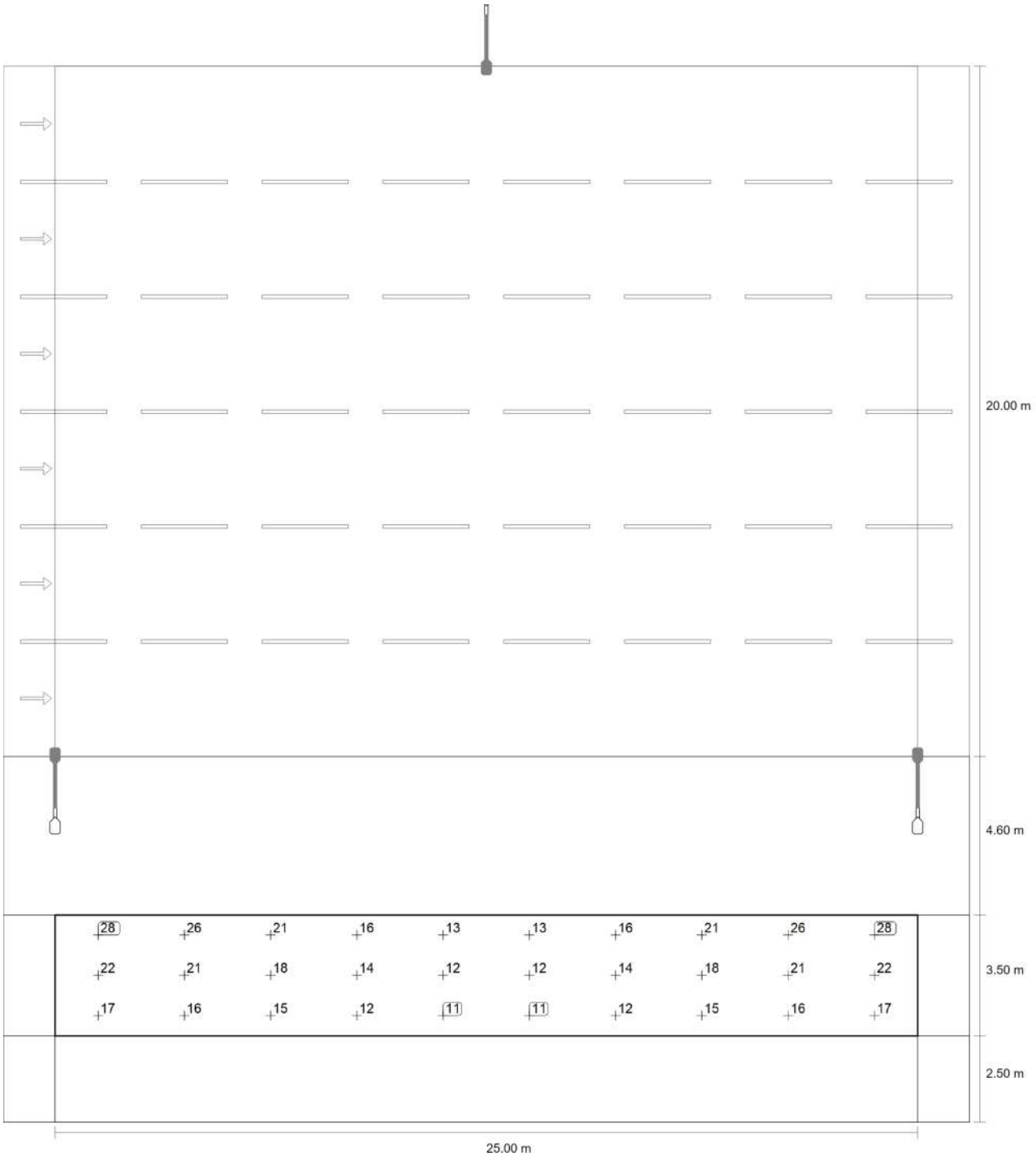
Bicycle lane (P3)



Maintenance value, horizontal illuminance [lx] (Iso-illuminance curves)

Taikos pr. praplatėjimas prie Rūtų g.

Bicycle lane (P3)



Maintenance value, horizontal illuminance [lx] (Value grid)

Taikos pr. praplatėjimas prie Rūtų g.

Bicycle lane (P3)

m	1.250	3.750	6.250	8.750	11.250	13.750	16.250	18.750	21.250	23.750
5.417	28.37	25.79	20.78	15.55	12.76	12.76	15.55	20.78	25.79	28.37
4.250	22.14	20.62	17.77	14.26	12.01	12.01	14.26	17.77	20.62	22.14
3.083	17.17	16.40	14.53	12.28	10.69	10.69	12.28	14.53	16.40	17.17

Maintenance value, horizontal illuminance [lx] (Value chart)

	E_{av}	E_{min}	E_{max}	U_o (g_1)	g_2
Maintenance value, horizontal illuminance	17.4 lx	10.7 lx	28.4 lx	0.61	0.38

Taikos pr. praplatėjimas prie Rūtų g.

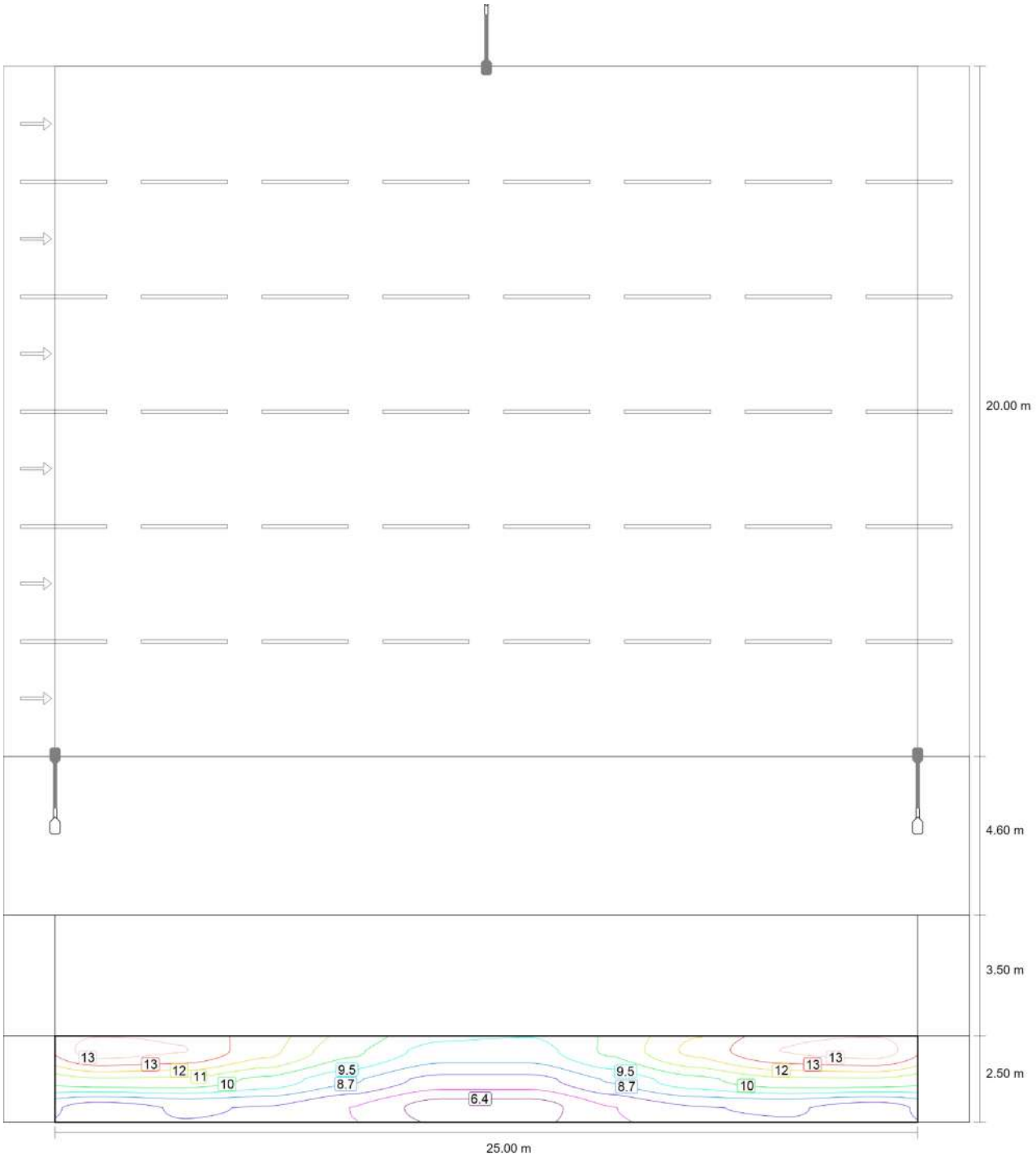
Sidewalk (P3)

Results for valuation field

	Symbol	Calculated	Target	Check
Sidewalk (P3)	E_{av}	9.59 lx	[7.50 - 11.25] lx	✓
	E_{min}	6.02 lx	≥ 1.50 lx	✓

Taikos pr. praplatėjimas prie Rūtų g.

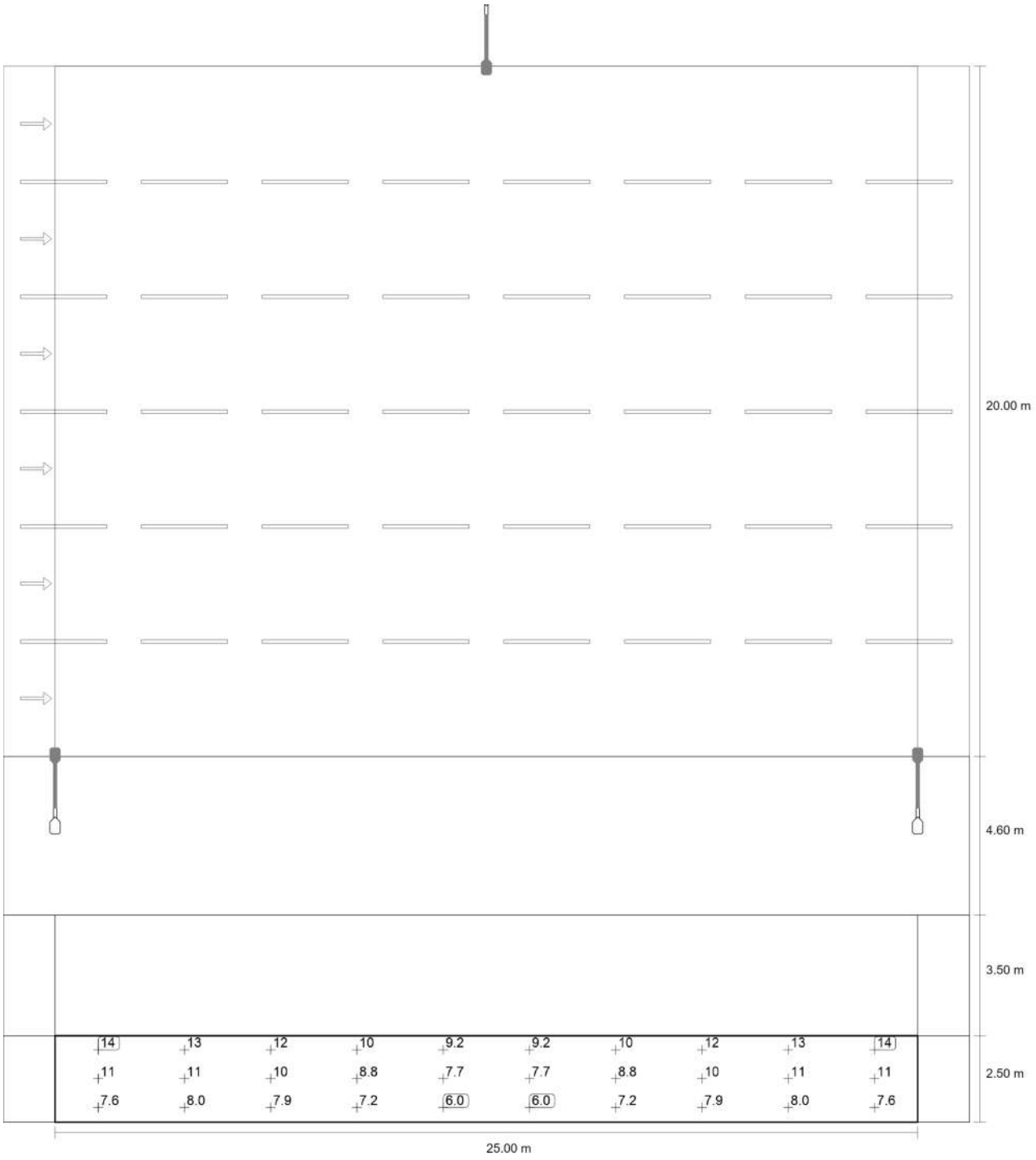
Sidewalk (P3)



Maintenance value, horizontal illuminance [lx] (Iso-illuminance curves)

Taikos pr. praplatėjimas prie Rūtų g.

Sidewalk (P3)



Maintenance value, horizontal illuminance [lx] (Value grid)

Taikos pr. praplatėjimas prie Rūtų g.

Sidewalk (P3)

m	1.250	3.750	6.250	8.750	11.250	13.750	16.250	18.750	21.250	23.750
2.083	13.75	13.40	12.04	10.42	9.18	9.18	10.42	12.04	13.40	13.75
1.250	10.93	10.88	10.05	8.82	7.68	7.68	8.82	10.05	10.88	10.93
0.417	7.63	8.01	7.91	7.16	6.02	6.02	7.16	7.91	8.01	7.63

Maintenance value, horizontal illuminance [lx] (Value chart)

	E_{av}	E_{min}	E_{max}	U_o (g_1)	g_2
Maintenance value, horizontal illuminance	9.59 lx	6.02 lx	13.8 lx	0.63	0.44

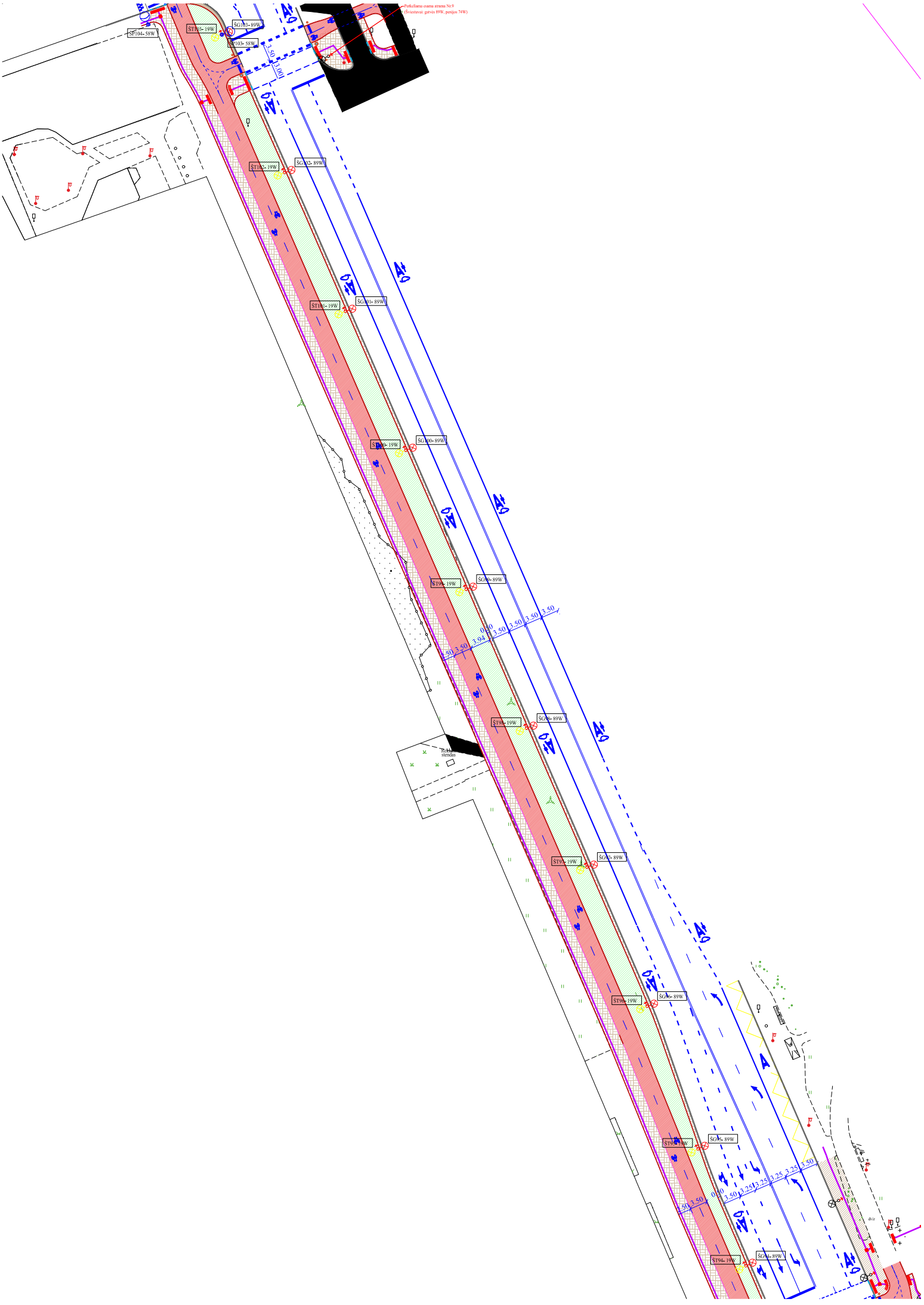
Date 2024-05-20

Taikos pr. nuo Bijūnų g. iki Rūtų g.



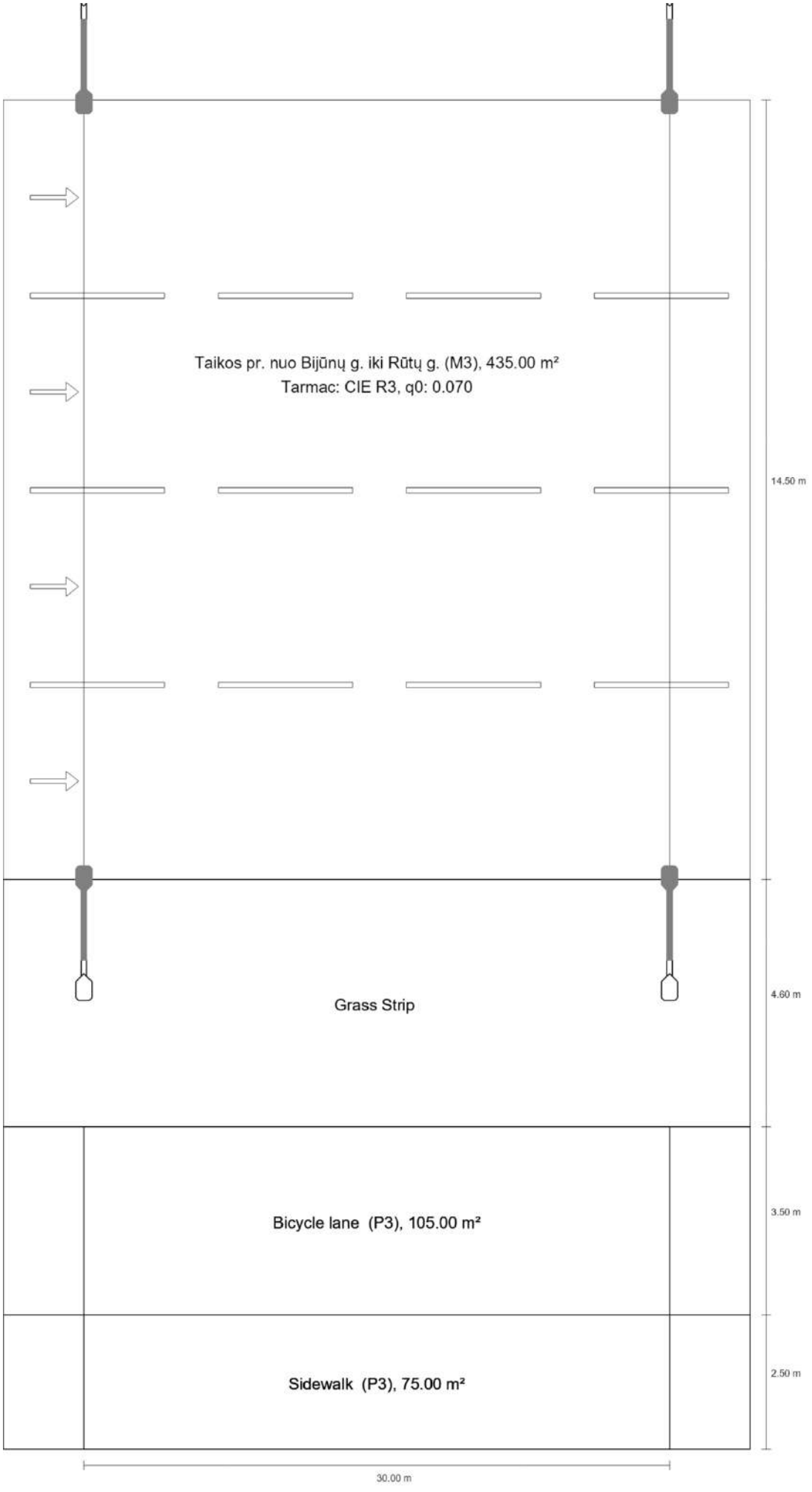


Created with DIALux


SP104- 58W
SP103- 58W
ST103- 19W
SG103- 89W
ST102- 19W
SG102- 89W
ST101- 19W
SG101- 89W
ST100- 19W
SG100- 89W
ST99- 19W
SG99- 89W
ST98- 19W
SG98- 89W
ST97- 19W
SG97- 89W
ST96- 19W
SG96- 89W
ST95- 19W
SG95- 89W
ST94- 19W
SG94- 89W
Perkelsimu esama atrama Nr.9
(Šviestuvai: garvas 89W, perejos 74W)
3,50
3,100
3,50
3,50
3,50
3,50
3,50
0,50
3,50
3,94
3,50
3,50
3,25
3,25
3,25
3,50
0,50
3,50
3,50
3,50
3,25
dvir

DIALux

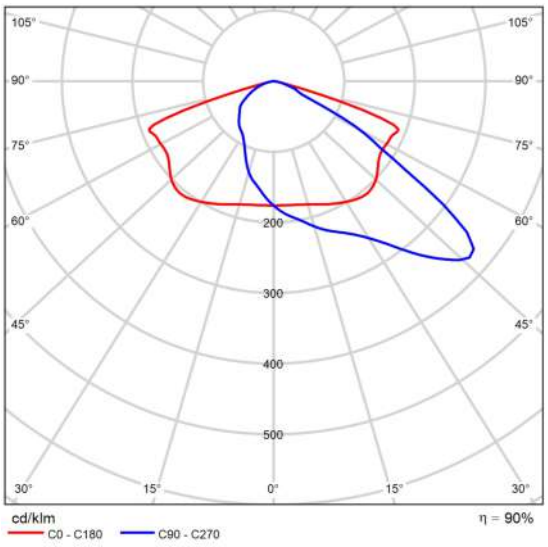
Summary (according to EN 13201:2015)



Product data sheet

Philips - BGP760 T25 1 xLED44-4S/830 DM31

P	35.5 W
Φ_{Lamp}	4400 lm
$\Phi_{Luminaire}$	3980 lm
η	90.46 %
Luminous efficacy	112.1 lm/W
CCT	3000 K
CRI	80



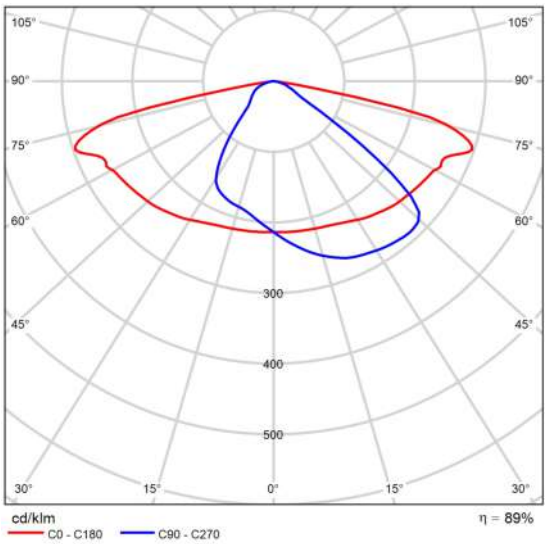
Polar LDC



Product data sheet

Philips - BGP762 T25 1 xLED100-4S/830 DM10

P	74.0 W
Φ_{Lamp}	10000 lm
$\Phi_{Luminaire}$	8947 lm
η	89.47 %
Luminous efficacy	120.9 lm/W
CCT	3000 K
CRI	80

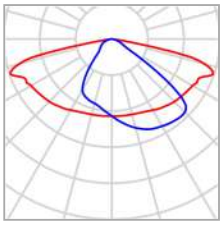


Polar LDC



Taikos pr. nuo Bijūnų g. iki Rūtų g.

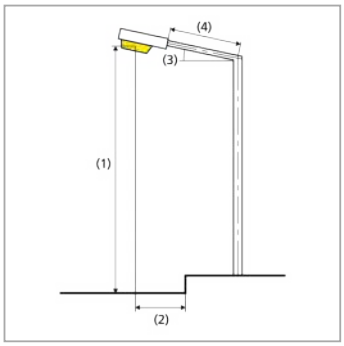
Summary (according to EN 13201:2015)





Manufacturer	Philips	P	74.0 W
Article name	BGP762 T25 1 xLED100-4S/830 DM10	Φ_{Lamp}	10000 lm
		$\Phi_{Luminaire}$	8947 lm
Fitting	1x LED100-4S/830	η	89.47 %

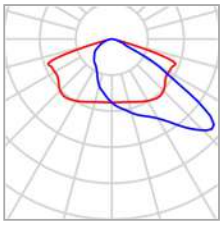
BGP762 T25 1 xLED100-4S/830 DM10 (both sides opposite)



Pole distance	30.000 m
(1) Light spot height	8.500 m
(2) Light point overhang	0.000 m
(3) Boom inclination	0.0°
(4) Boom length	1.500 m
Annual operating hours	4000 h: 100.0 %, 74.0 W
Wattage / route	4884.0 W/km
ULR / ULOR	0.00 / 0.00
Max. luminous intensities Any direction forming the specified angle from the downward vertical, with the luminaire installed for use.	≥ 70°: 589 cd/klm ≥ 80°: 99.5 cd/klm ≥ 90°: 0.00 cd/klm
Luminous intensity class The luminous intensity values in [cd/klm] for calculation of the luminous intensity class refer to the luminaire luminous flux according to EN 13201:2015.	G*3
Glare index class	D.6
MF	0.80

Taikos pr. nuo Bijūnų g. iki Rūtų g.

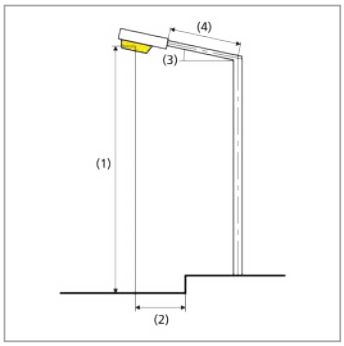
Summary (according to EN 13201:2015)





Manufacturer	Philips	P	35.5 W
Article name	BGP760 T25 1 xLED44-4S/830 DM31	Φ_{Lamp}	4400 lm
		$\Phi_{Luminaire}$	3980 lm
Fitting	1x LED44-4S/830	η	90.46 %

BGP760 T25 1 xLED44-4S/830 DM31 (both sides opposite)



Pole distance	30.000 m
(1) Light spot height	6.000 m
(2) Light point overhang	-1.000 m
(3) Boom inclination	0.0°
(4) Boom length	0.500 m
Annual operating hours	4000 h: 100.0 %, 35.5 W
Wattage / route	2343.0 W/km
ULR / ULOR	0.00 / 0.00
Max. luminous intensities Any direction forming the specified angle from the downward vertical, with the luminaire installed for use.	≥ 70°: 288 cd/klm ≥ 80°: 14.7 cd/klm ≥ 90°: 0.00 cd/klm
Luminous intensity class The luminous intensity values in [cd/klm] for calculation of the luminous intensity class refer to the luminaire luminous flux according to EN 13201:2015.	G*6
Glare index class	D.6
MF	0.80

Taikos pr. nuo Bijūnų g. iki Rūtų g.

Summary (according to EN 13201:2015)

Results for valuation fields

A maintenance factor of 0.80 was used for calculating for the installation.

	Symbol	Calculated	Target	Check
Taikos pr. nuo Bijūnų g. iki Rūtų g. (M3)	L_{av}	1.50 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.69	≥ 0.40	✓
	U_l	0.84	≥ 0.60	✓
	TI	9 %	≤ 15 %	✓
	R_{EI}	0.90	≥ 0.30	✓
Bicycle lane (P3)	E_{av}	14.64 lx	[7.50 - 11.25] lx	✓
	E_{min}	4.90 lx	≥ 1.50 lx	✓
Sidewalk (P3)	E_{av}	8.08 lx	[7.50 - 11.25] lx	✓
	E_{min}	2.38 lx	≥ 1.50 lx	✓

Results for energy efficiency indicators

	Symbol	Calculated	Energy Consumption
Taikos pr. nuo Bijūnų g. iki Rūtų g.	D_p	0.003 W/lx*m²	
BGP762 T25 1 xLED100-4S/830 DM10 (both sides opposite)	D_e	1.0 kWh/m² yr	592.0 kWh/yr
BGP760 T25 1 xLED44-4S/830 DM31 (both sides opposite)	D_e	0.5 kWh/m² yr	284.0 kWh/yr

Taikos pr. nuo Bijūnų g. iki Rūtų g.

Taikos pr. nuo Bijūnų g. iki Rūtų g. (M3)

Results for valuation field

	Symbol	Calculated	Target	Check
Taikos pr. nuo Bijūnų g. iki Rūtų g. (M3)	L_{av}	1.50 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.69	≥ 0.40	✓
	U_l	0.84	≥ 0.60	✓
	TI	9 %	≤ 15 %	✓
	R_{EI}	0.90	≥ 0.30	✓

Results for observer

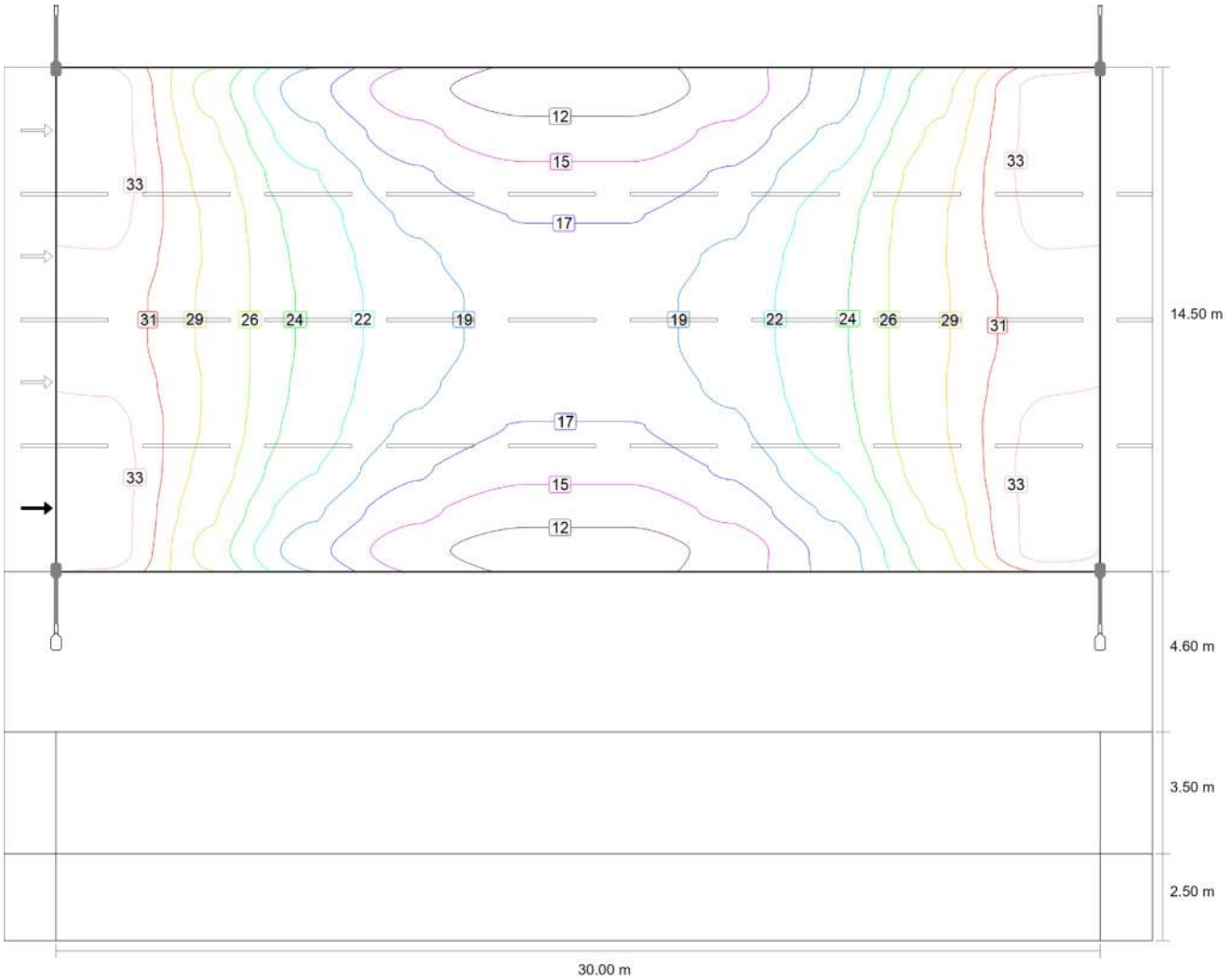
	Symbol	Calculated	Target	Check
Observer 1 Position: -60.000 m, 12.413 m, 1.500 m	L_{av}	1.50 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.69	≥ 0.40	✓
	U_l	0.84	≥ 0.60	✓
	TI	8 %	≤ 15 %	✓
Observer 2 Position: -60.000 m, 16.038 m, 1.500 m	L_{av}	1.52 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.80	≥ 0.40	✓
	U_l	0.94	≥ 0.60	✓
	TI	9 %	≤ 15 %	✓
Observer 3 Position: -60.000 m, 19.663 m, 1.500 m	L_{av}	1.52 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.80	≥ 0.40	✓
	U_l	0.94	≥ 0.60	✓
	TI	9 %	≤ 15 %	✓

DIALux

Taikos pr. nuo Bijūnų g. iki Rūtų g.

Taikos pr. nuo Bijūnų g. iki Rūtų g. (M3)

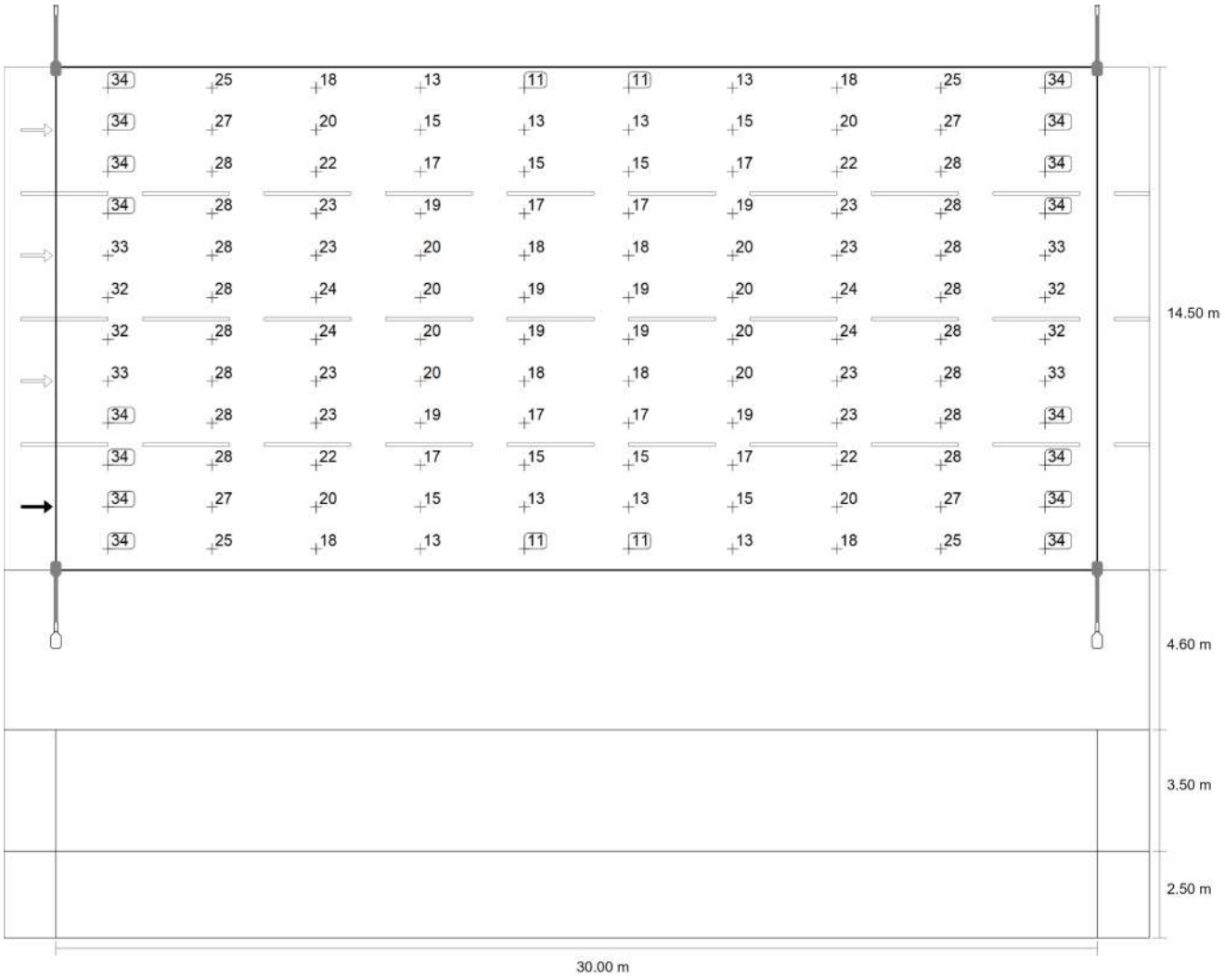
	Symbol	Calculated	Target	Check
Observer 4 Position: -60.000 m, 23.288 m, 1.500 m	L_{av}	1.50 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.69	≥ 0.40	✓
	U_l	0.84	≥ 0.60	✓
	TI	8 %	≤ 15 %	✓



Maintenance value, horizontal illuminance [lx] (Iso-illuminance curves)

Taikos pr. nuo Bijūnų g. iki Rūtų g.

Taikos pr. nuo Bijūnų g. iki Rūtų g. (M3)



Maintenance value, horizontal illuminance [lx] (Value grid)

m	1.500	4.500	7.500	10.500	13.500	16.500	19.500	22.500	25.500	28.500
24.496	34.35	25.44	17.79	13.13	11.22	11.22	13.13	17.79	25.44	34.35
23.288	34.24	26.72	19.74	15.31	13.21	13.21	15.31	19.74	26.72	34.24
22.079	34.30	27.80	21.72	17.34	15.29	15.29	17.34	21.72	27.80	34.30
20.871	33.87	28.34	22.86	18.85	16.90	16.90	18.85	22.86	28.34	33.87
19.663	33.02	28.42	23.31	19.75	18.05	18.05	19.75	23.31	28.42	33.02
18.454	32.25	28.28	23.55	20.19	18.62	18.62	20.19	23.55	28.28	32.25
17.246	32.25	28.28	23.55	20.19	18.62	18.62	20.19	23.55	28.28	32.25
16.038	33.02	28.42	23.31	19.75	18.05	18.05	19.75	23.31	28.42	33.02

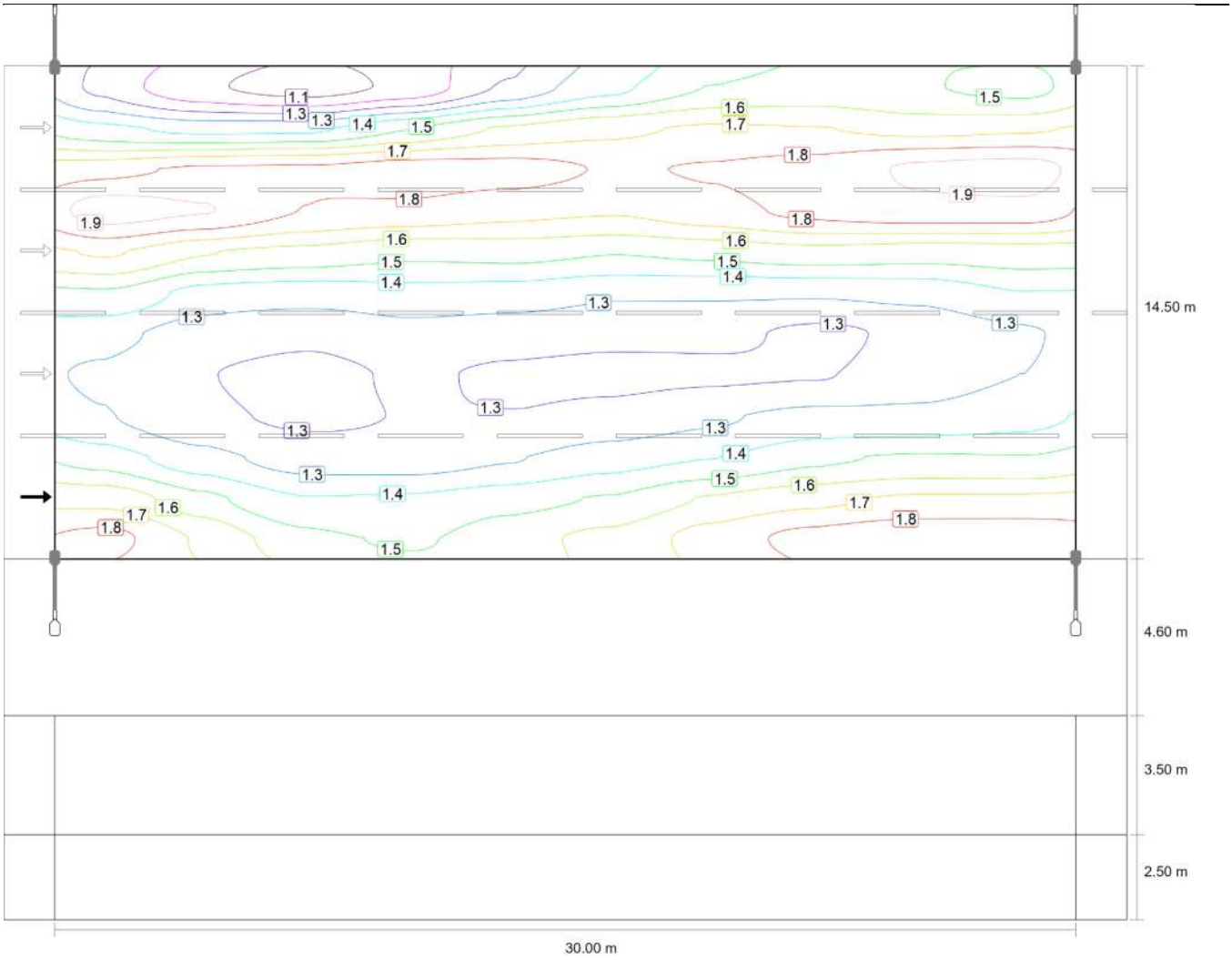
Taikos pr. nuo Bijūnų g. iki Rūtų g.

Taikos pr. nuo Bijūnų g. iki Rūtų g. (M3)

m	1.500	4.500	7.500	10.500	13.500	16.500	19.500	22.500	25.500	28.500
14.829	33.87	28.34	22.86	18.85	16.90	16.90	18.85	22.86	28.34	33.87
13.621	34.30	27.80	21.72	17.34	15.29	15.29	17.34	21.72	27.80	34.30
12.413	34.24	26.72	19.74	15.31	13.21	13.21	15.31	19.74	26.72	34.24
11.204	34.35	25.44	17.79	13.13	11.22	11.22	13.13	17.79	25.44	34.35

Maintenance value, horizontal illuminance [lx] (Value chart)

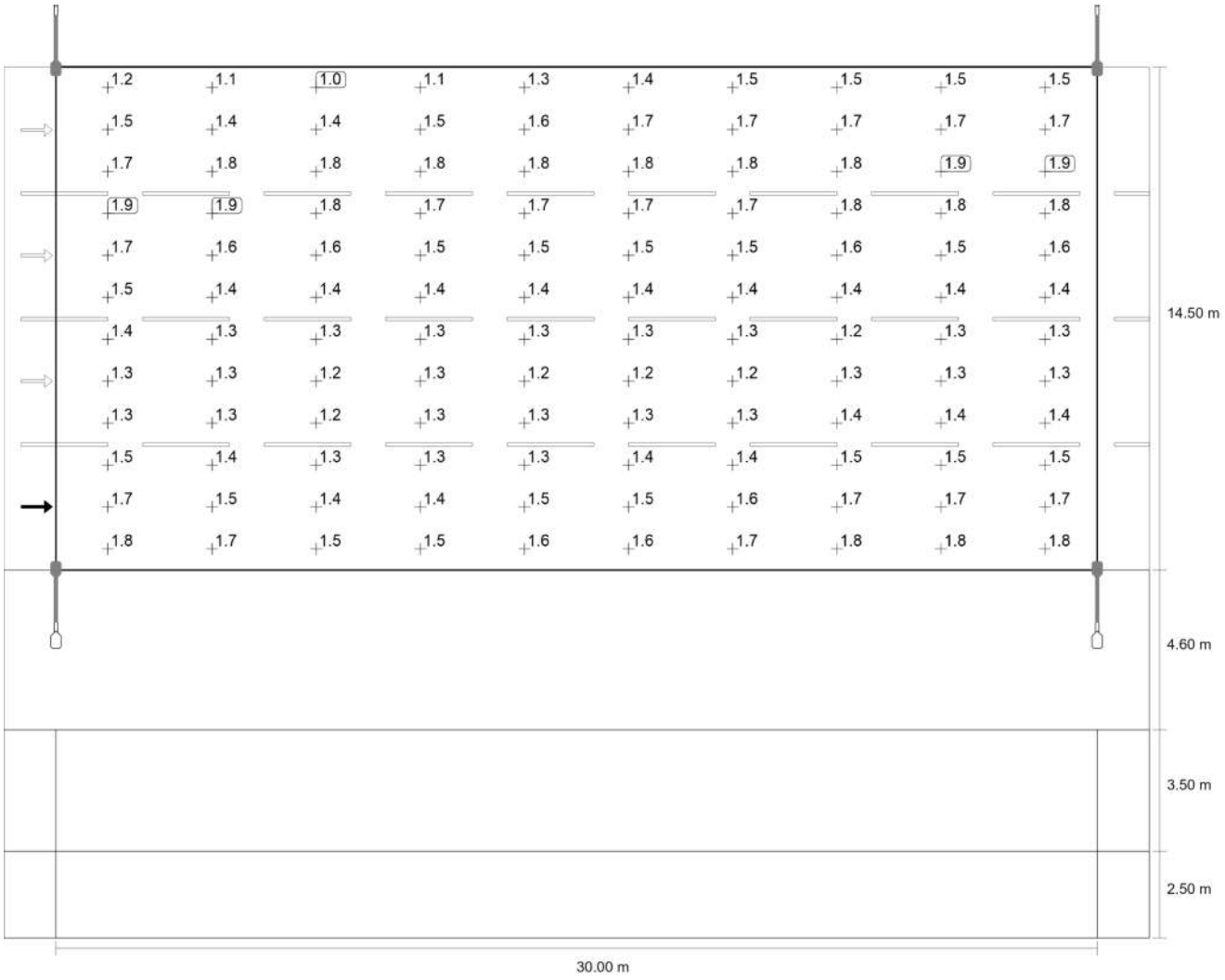
	E_{av}	E_{min}	E_{max}	U_o (g_1)	g_2
Maintenance value, horizontal illuminance	23.1 lx	11.2 lx	34.3 lx	0.49	0.33



Observer 1: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

Taikos pr. nuo Bijūnų g. iki Rūtų g.

Taikos pr. nuo Bijūnų g. iki Rūtų g. (M3)



Observer 1: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

m	1.500	4.500	7.500	10.500	13.500	16.500	19.500	22.500	25.500	28.500
24.496	1.23	1.10	1.04	1.11	1.27	1.40	1.52	1.55	1.52	1.49
23.288	1.45	1.40	1.41	1.51	1.61	1.66	1.70	1.69	1.66	1.67
22.079	1.74	1.78	1.78	1.81	1.80	1.76	1.78	1.80	1.87	1.89
20.871	1.90	1.86	1.77	1.75	1.71	1.69	1.74	1.80	1.82	1.82
19.663	1.69	1.60	1.57	1.53	1.54	1.52	1.54	1.56	1.55	1.56
18.454	1.50	1.39	1.38	1.40	1.39	1.35	1.35	1.35	1.37	1.42
17.246	1.37	1.29	1.27	1.30	1.29	1.27	1.27	1.24	1.27	1.33
16.038	1.33	1.26	1.24	1.26	1.24	1.24	1.24	1.25	1.30	1.34

Taikos pr. nuo Bijūnų g. iki Rūtų g.

Taikos pr. nuo Bijūnų g. iki Rūtų g. (M3)

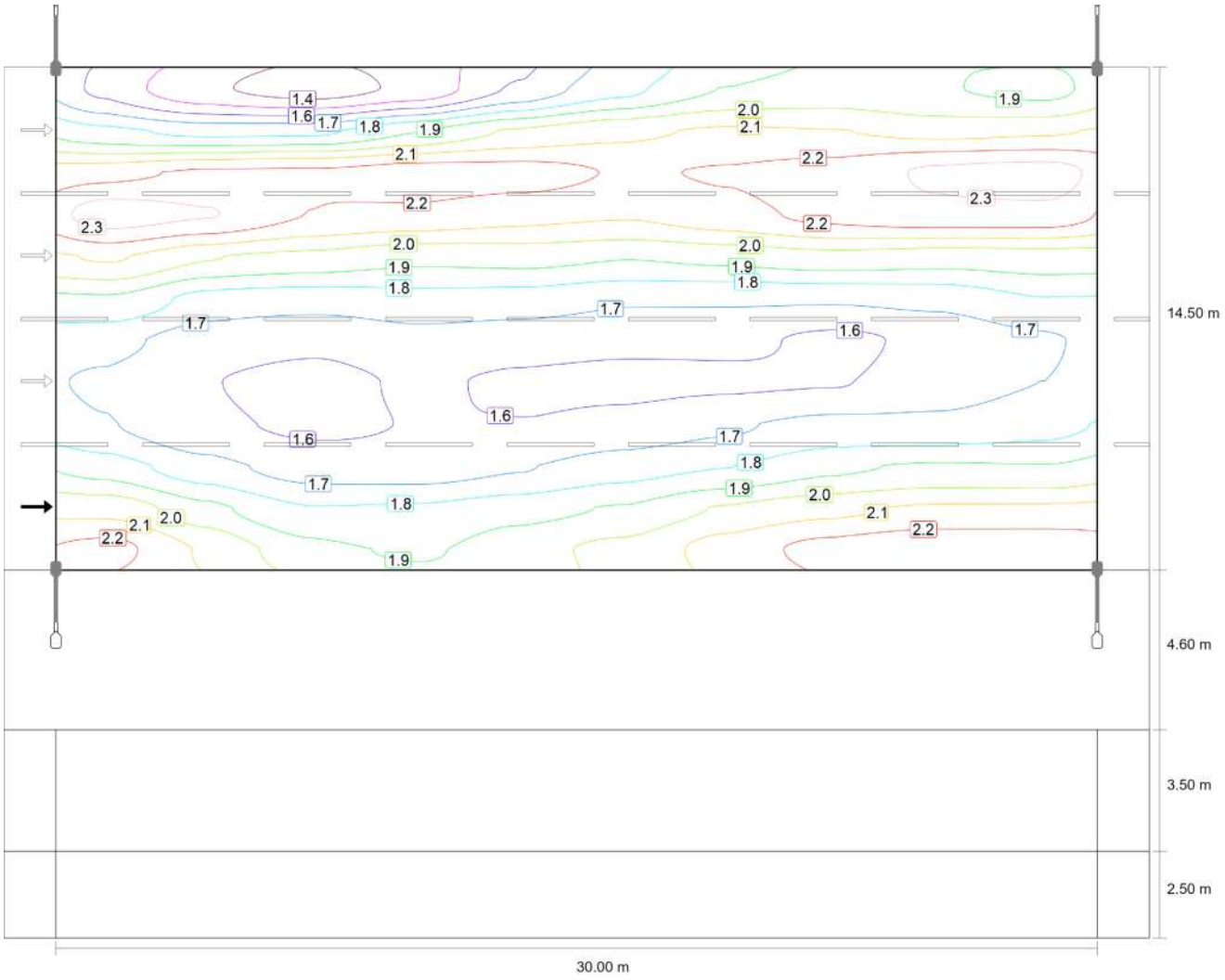
m	1.500	4.500	7.500	10.500	13.500	16.500	19.500	22.500	25.500	28.500
14.829	1.35	1.27	1.24	1.26	1.26	1.28	1.33	1.37	1.37	1.40
13.621	1.48	1.37	1.30	1.29	1.33	1.39	1.43	1.49	1.52	1.52
12.413	1.66	1.54	1.43	1.44	1.48	1.52	1.61	1.66	1.70	1.70
11.204	1.79	1.67	1.54	1.50	1.57	1.62	1.72	1.80	1.84	1.83

Observer 1: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 1: Maintenance value, luminance with dry roadway	1.50 cd/m²	1.04 cd/m²	1.90 cd/m²	0.69	0.55

Taikos pr. nuo Bijūnų g. iki Rūtų g.

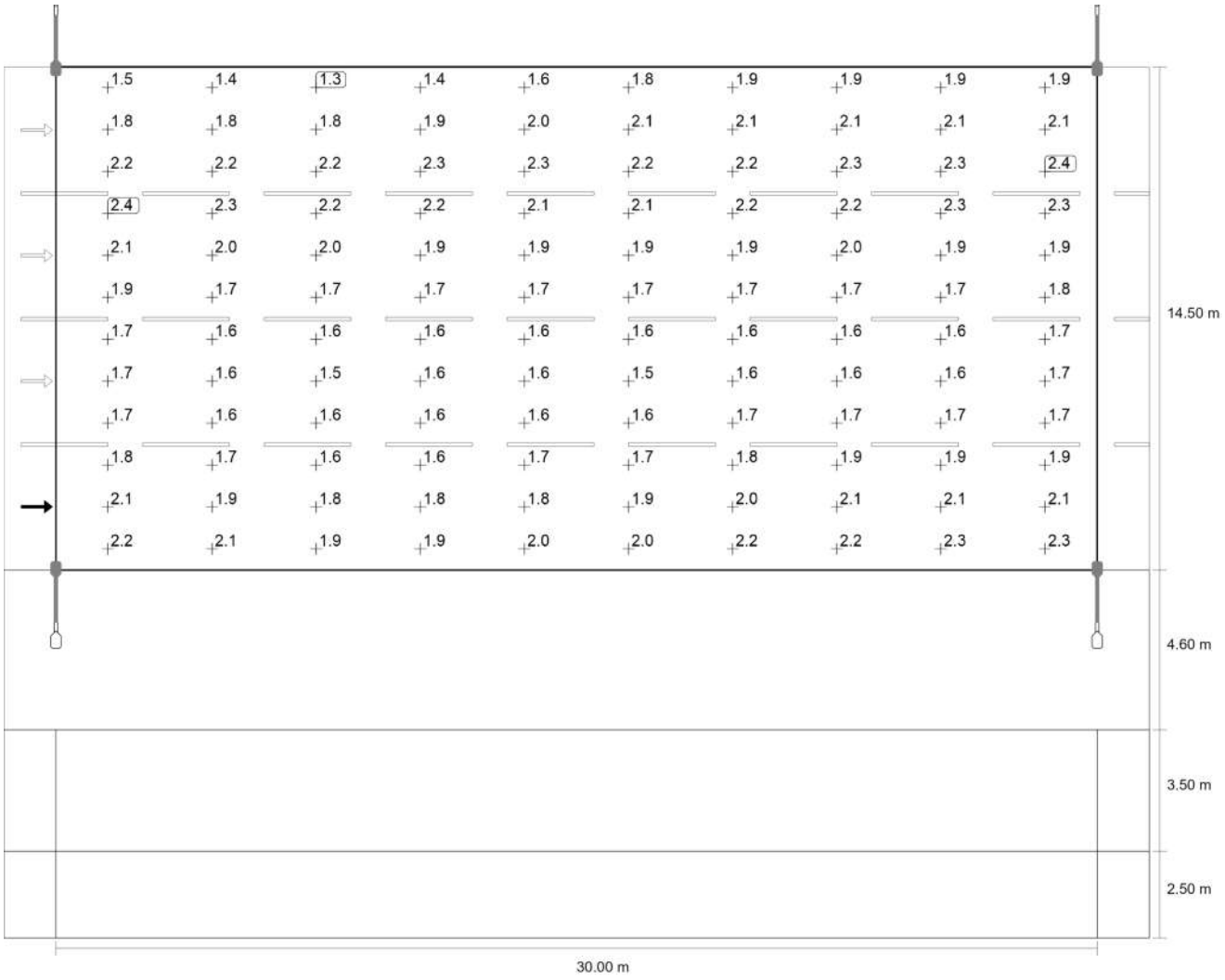
Taikos pr. nuo Bijūnų g. iki Rūtų g. (M3)



Observer 1: Luminance with new installation [cd/m²] (Iso-illuminance curves)

Taikos pr. nuo Bijūnų g. iki Rūtų g.

Taikos pr. nuo Bijūnų g. iki Rūtų g. (M3)



Observer 1: Luminance with new installation [cd/m²] (Value grid)

m	1.500	4.500	7.500	10.500	13.500	16.500	19.500	22.500	25.500	28.500
24.496	1.54	1.38	1.30	1.38	1.59	1.75	1.90	1.94	1.90	1.86
23.288	1.82	1.75	1.76	1.89	2.01	2.08	2.12	2.11	2.07	2.09
22.079	2.18	2.23	2.22	2.26	2.25	2.20	2.22	2.25	2.34	2.36
20.871	2.37	2.33	2.21	2.18	2.14	2.11	2.17	2.24	2.28	2.28
19.663	2.12	2.01	1.96	1.91	1.92	1.90	1.92	1.95	1.93	1.94
18.454	1.87	1.74	1.72	1.74	1.73	1.69	1.69	1.69	1.71	1.78
17.246	1.71	1.62	1.59	1.63	1.61	1.59	1.59	1.55	1.59	1.66
16.038	1.66	1.57	1.55	1.58	1.56	1.55	1.55	1.56	1.63	1.68

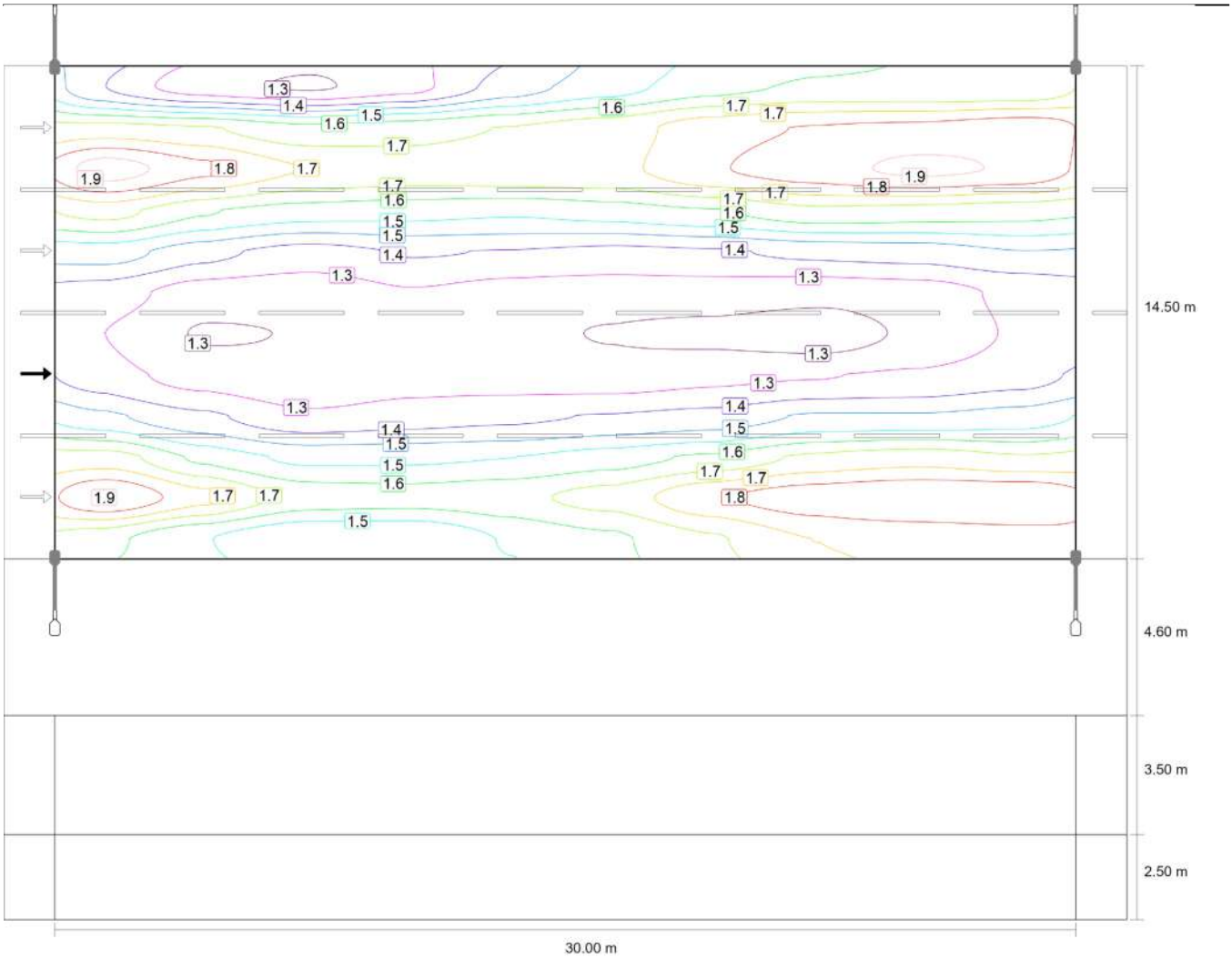
Taikos pr. nuo Bijūnų g. iki Rūtų g.

Taikos pr. nuo Bijūnų g. iki Rūtų g. (M3)

m	1.500	4.500	7.500	10.500	13.500	16.500	19.500	22.500	25.500	28.500
14.829	1.69	1.59	1.55	1.57	1.57	1.61	1.66	1.72	1.71	1.75
13.621	1.84	1.72	1.63	1.61	1.67	1.74	1.78	1.87	1.91	1.90
12.413	2.07	1.92	1.79	1.80	1.85	1.90	2.01	2.08	2.12	2.12
11.204	2.24	2.09	1.93	1.88	1.96	2.02	2.15	2.25	2.29	2.29

Observer 1: Luminance with new installation [cd/m²] (Value chart)

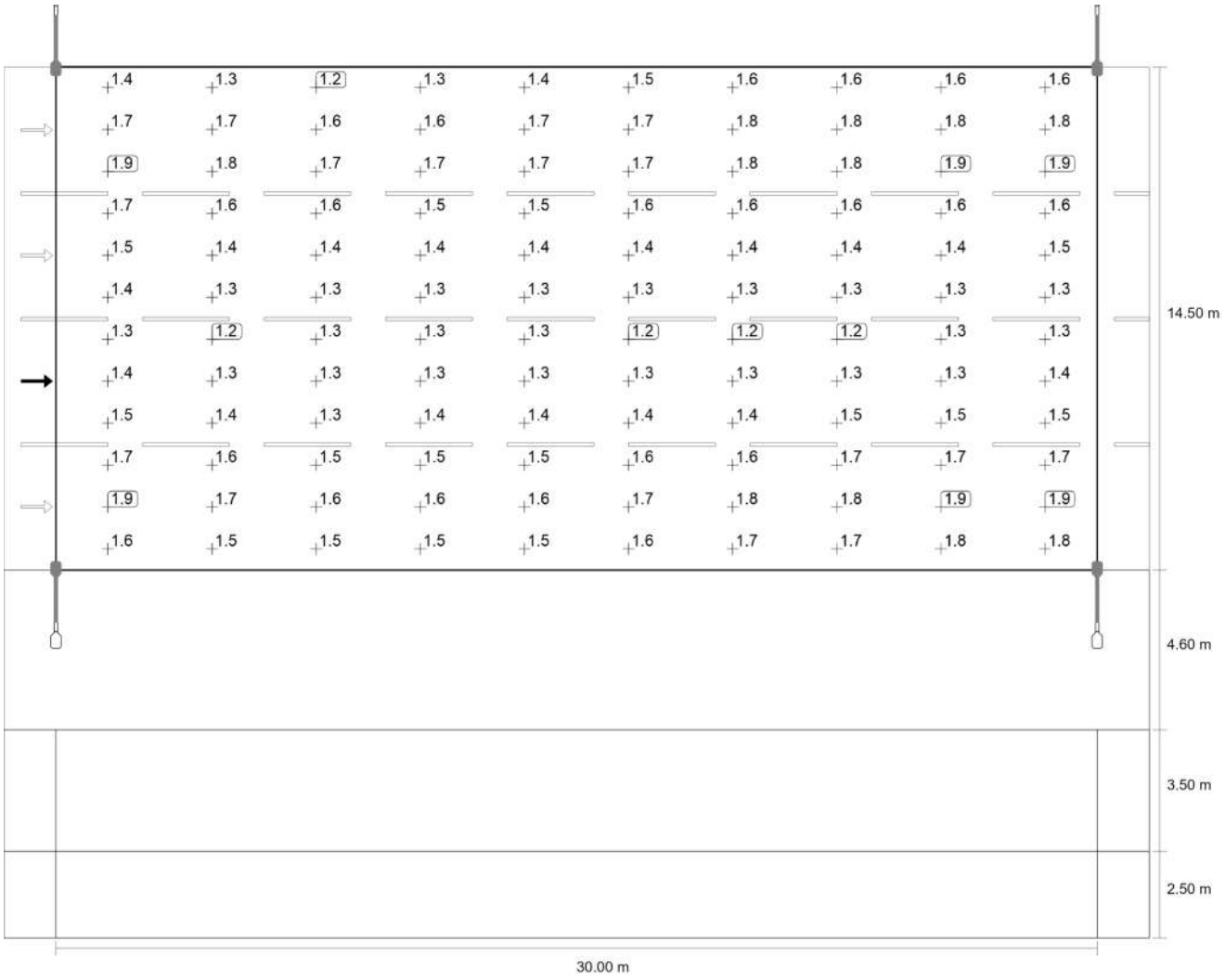
	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 1: Luminance with new installation	1.87 cd/m²	1.30 cd/m²	2.37 cd/m²	0.69	0.55



Observer 2: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

Taikos pr. nuo Bijūnų g. iki Rūtų g.

Taikos pr. nuo Bijūnų g. iki Rūtų g. (M3)



Observer 2: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

m	1.500	4.500	7.500	10.500	13.500	16.500	19.500	22.500	25.500	28.500
24.496	1.39	1.28	1.24	1.30	1.42	1.49	1.57	1.60	1.60	1.59
23.288	1.69	1.67	1.61	1.63	1.66	1.69	1.77	1.80	1.81	1.83
22.079	1.89	1.81	1.73	1.70	1.71	1.71	1.79	1.83	1.88	1.85
20.871	1.68	1.60	1.56	1.55	1.53	1.55	1.59	1.64	1.63	1.61
19.663	1.49	1.41	1.36	1.39	1.39	1.37	1.38	1.40	1.42	1.46
18.454	1.36	1.29	1.28	1.31	1.29	1.28	1.28	1.27	1.29	1.34
17.246	1.32	1.25	1.26	1.28	1.27	1.25	1.24	1.22	1.27	1.33
16.038	1.35	1.29	1.27	1.30	1.29	1.29	1.30	1.32	1.33	1.36

Taikos pr. nuo Bijūnų g. iki Rūtų g.

Taikos pr. nuo Bijūnų g. iki Rūtų g. (M3)

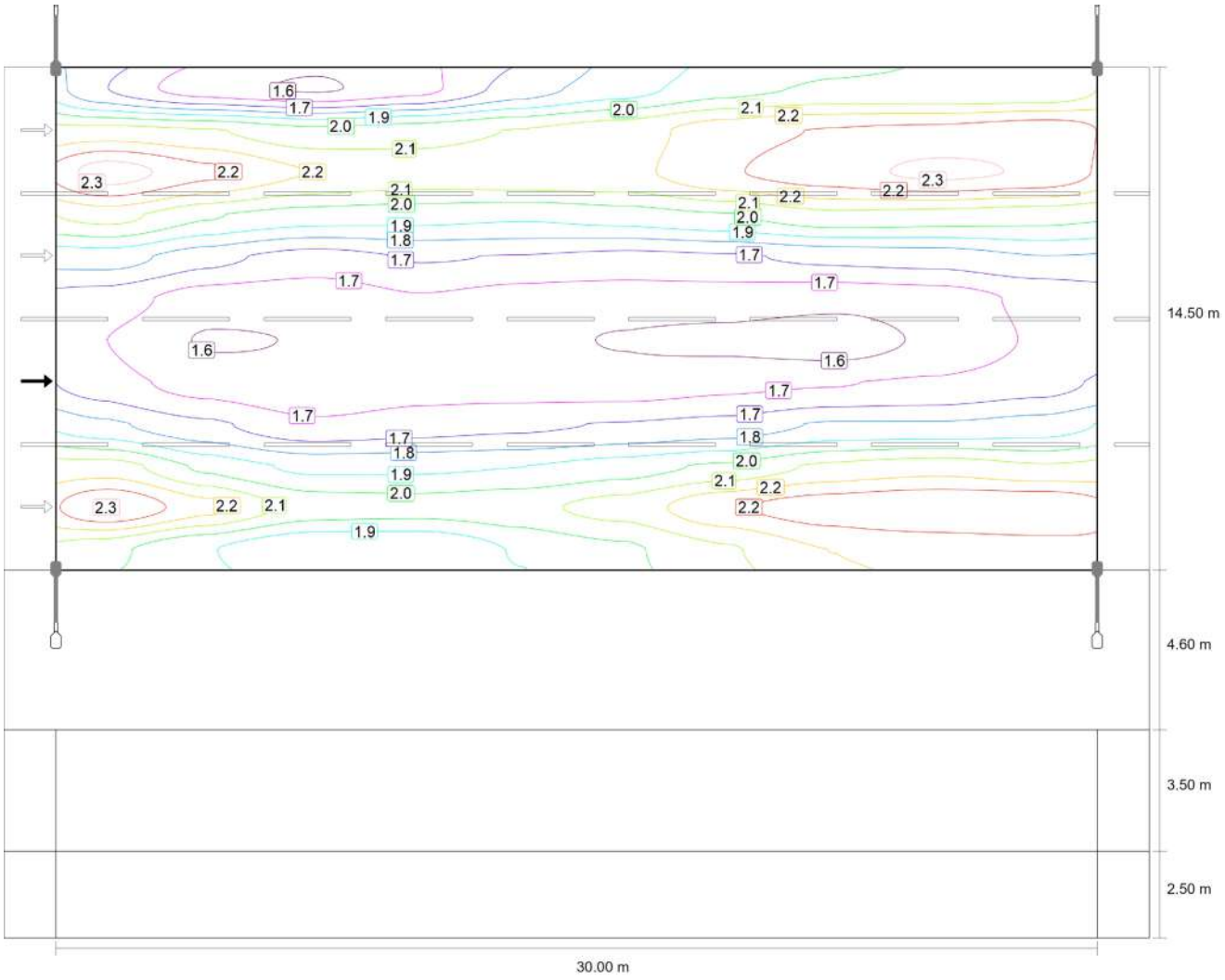
m	1.500	4.500	7.500	10.500	13.500	16.500	19.500	22.500	25.500	28.500
14.829	1.47	1.40	1.34	1.36	1.37	1.39	1.42	1.47	1.47	1.49
13.621	1.69	1.57	1.51	1.51	1.52	1.56	1.60	1.67	1.70	1.67
12.413	1.86	1.75	1.63	1.62	1.64	1.69	1.78	1.83	1.85	1.85
11.204	1.61	1.53	1.46	1.46	1.53	1.58	1.65	1.73	1.75	1.77

Observer 2: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 2: Maintenance value, luminance with dry roadway	1.52 cd/m²	1.22 cd/m²	1.89 cd/m²	0.80	0.64

Taikos pr. nuo Bijūnų g. iki Rūtų g.

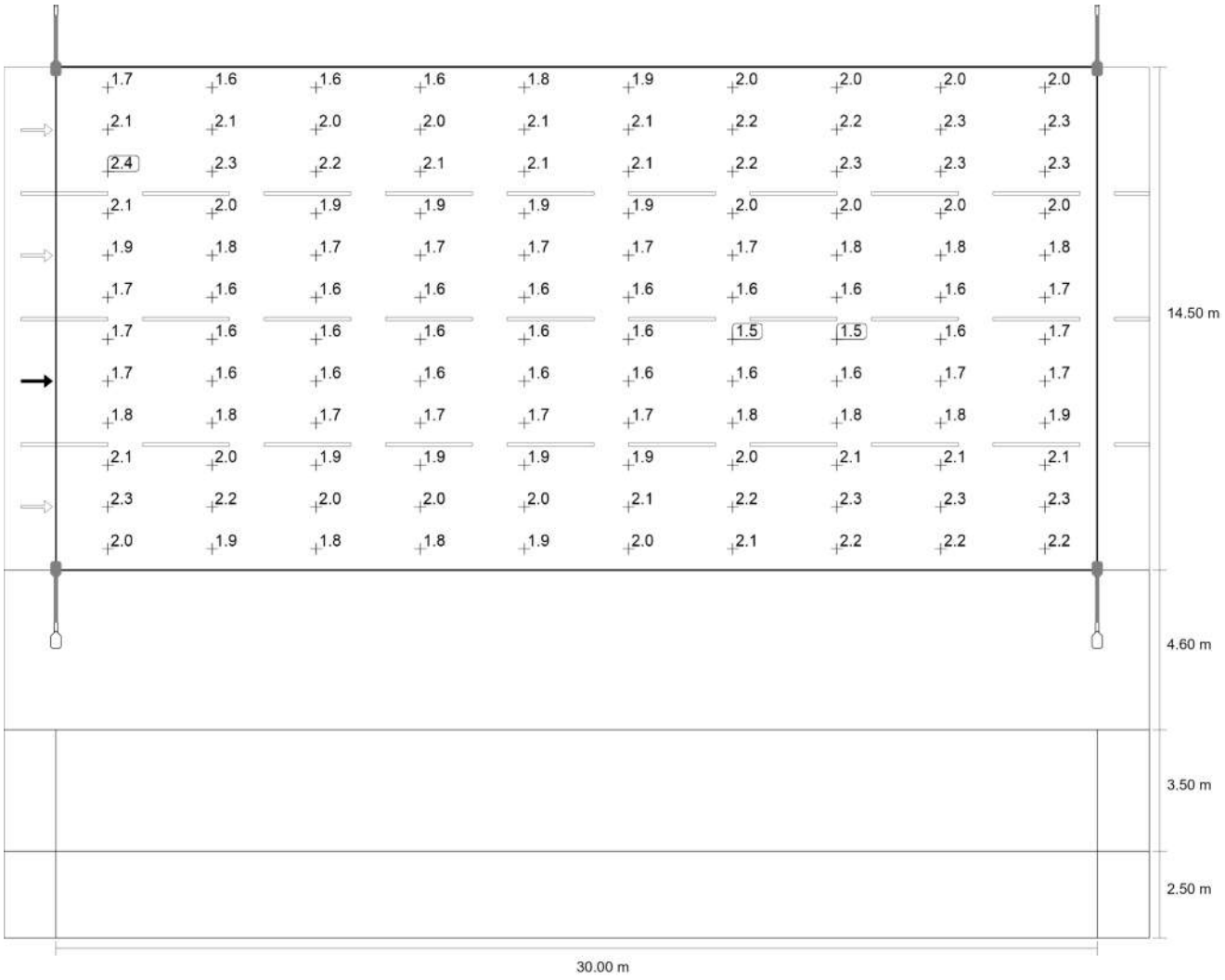
Taikos pr. nuo Bijūnų g. iki Rūtų g. (M3)



Observer 2: Luminance with new installation [cd/m²] (Iso-illuminance curves)

Taikos pr. nuo Bijūnų g. iki Rūtų g.

Taikos pr. nuo Bijūnų g. iki Rūtų g. (M3)



Observer 2: Luminance with new installation [cd/m²] (Value grid)

m	1.500	4.500	7.500	10.500	13.500	16.500	19.500	22.500	25.500	28.500
24.496	1.74	1.60	1.56	1.62	1.77	1.87	1.96	2.00	2.00	1.99
23.288	2.11	2.08	2.01	2.03	2.08	2.12	2.21	2.25	2.27	2.29
22.079	2.37	2.26	2.16	2.13	2.14	2.14	2.23	2.29	2.35	2.31
20.871	2.10	2.00	1.95	1.93	1.92	1.94	1.98	2.05	2.03	2.02
19.663	1.86	1.76	1.70	1.74	1.73	1.71	1.73	1.75	1.77	1.82
18.454	1.69	1.61	1.60	1.64	1.61	1.60	1.60	1.59	1.61	1.67
17.246	1.65	1.56	1.57	1.60	1.59	1.56	1.55	1.52	1.58	1.66
16.038	1.69	1.62	1.59	1.62	1.62	1.61	1.63	1.65	1.67	1.70

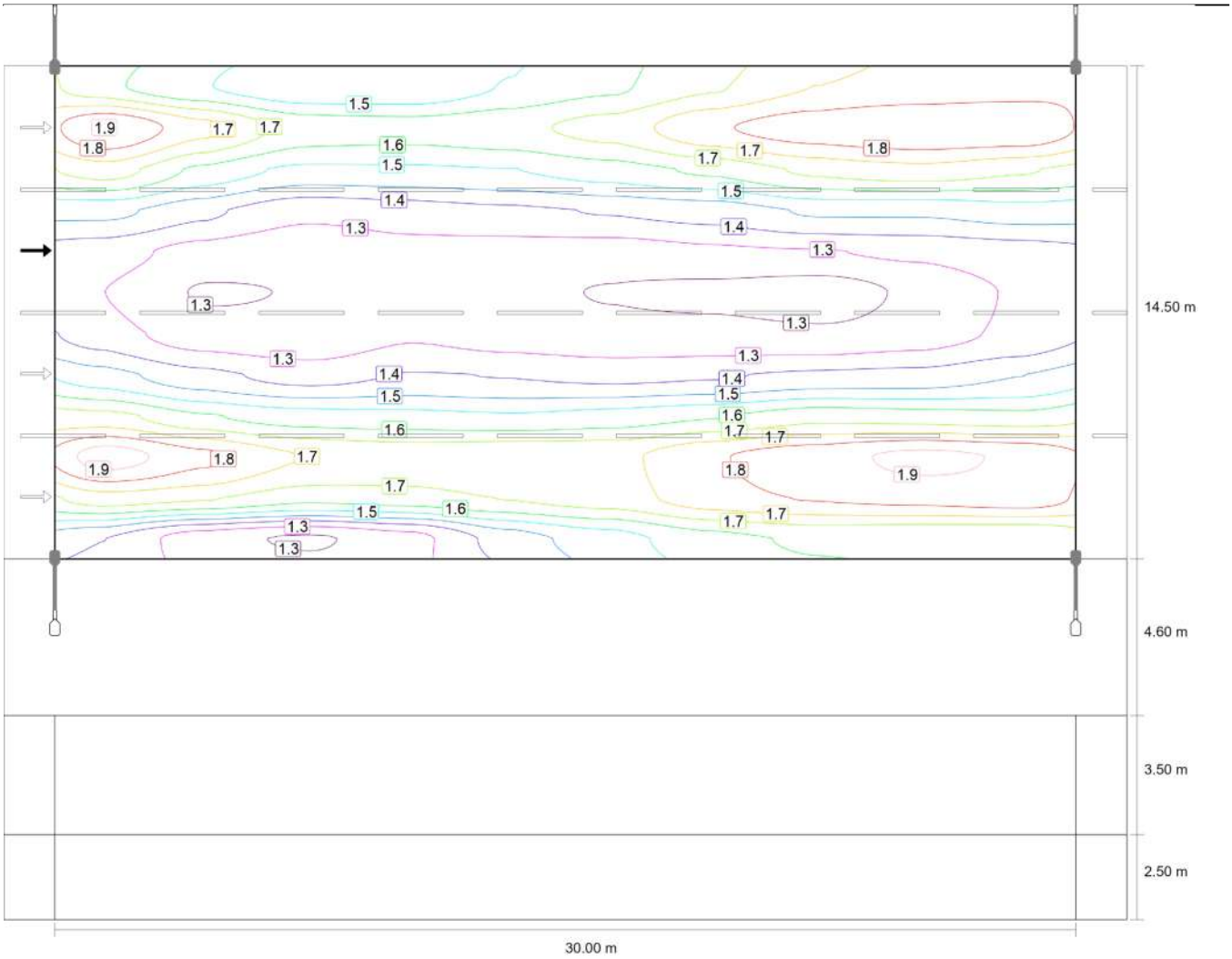
Taikos pr. nuo Bijūnų g. iki Rūtų g.

Taikos pr. nuo Bijūnų g. iki Rūtų g. (M3)

m	1.500	4.500	7.500	10.500	13.500	16.500	19.500	22.500	25.500	28.500
14.829	1.84	1.75	1.67	1.70	1.72	1.74	1.77	1.83	1.83	1.86
13.621	2.11	1.97	1.88	1.89	1.90	1.95	2.01	2.09	2.13	2.08
12.413	2.33	2.18	2.04	2.02	2.05	2.11	2.23	2.29	2.32	2.32
11.204	2.01	1.91	1.83	1.83	1.91	1.97	2.06	2.16	2.19	2.21

Observer 2: Luminance with new installation [cd/m²] (Value chart)

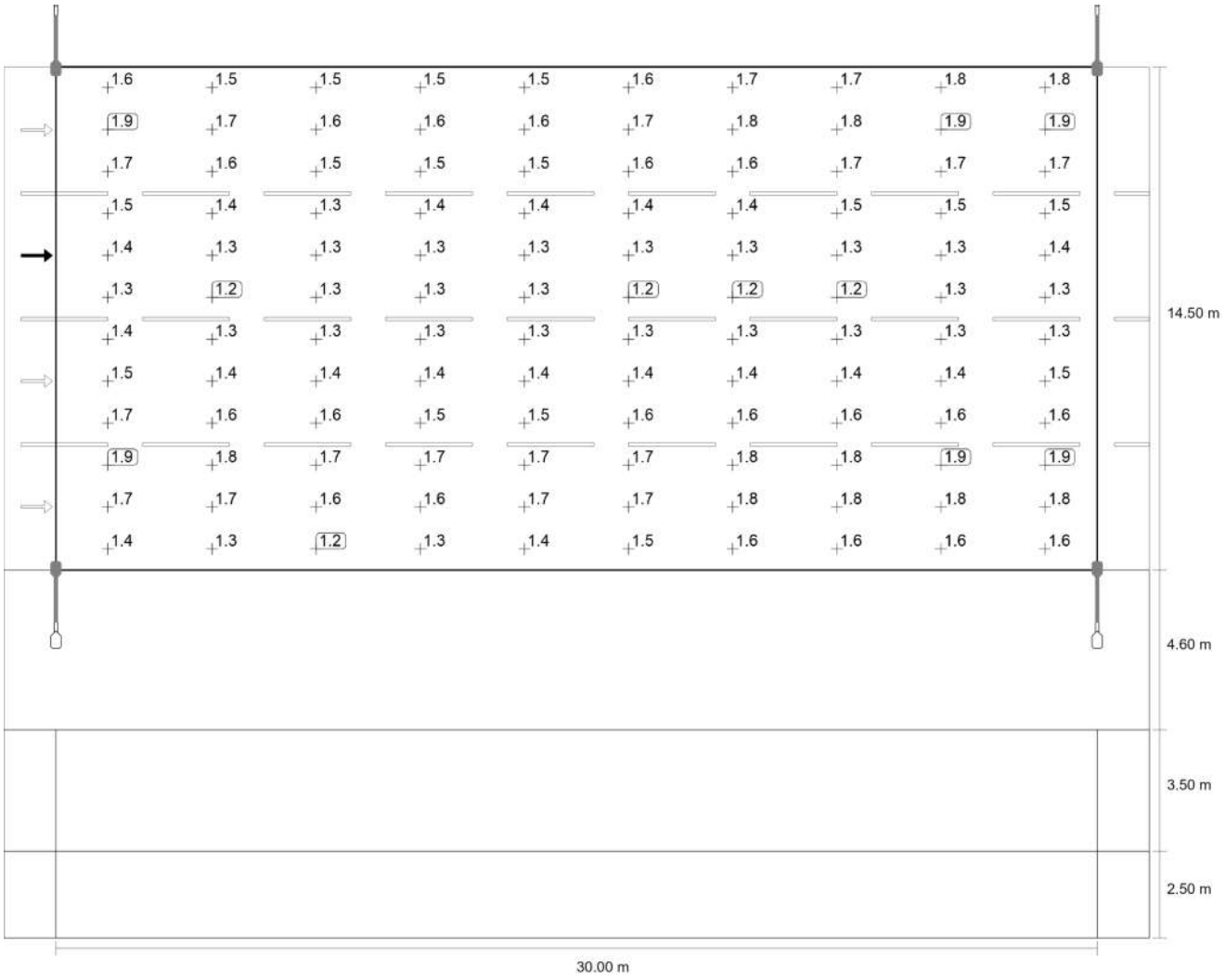
	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 2: Luminance with new installation	1.90 cd/m²	1.52 cd/m²	2.37 cd/m²	0.80	0.64



Observer 3: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

Taikos pr. nuo Bijūnų g. iki Rūtų g.

Taikos pr. nuo Bijūnų g. iki Rūtų g. (M3)



Observer 3: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

m	1.500	4.500	7.500	10.500	13.500	16.500	19.500	22.500	25.500	28.500
24.496	1.61	1.53	1.46	1.46	1.53	1.58	1.65	1.73	1.75	1.77
23.288	1.86	1.75	1.63	1.62	1.64	1.69	1.78	1.83	1.85	1.85
22.079	1.69	1.57	1.51	1.51	1.52	1.56	1.60	1.67	1.70	1.67
20.871	1.47	1.40	1.34	1.36	1.37	1.39	1.42	1.47	1.47	1.49
19.663	1.35	1.29	1.27	1.30	1.29	1.29	1.30	1.32	1.33	1.36
18.454	1.32	1.25	1.26	1.28	1.27	1.25	1.24	1.22	1.27	1.33
17.246	1.36	1.29	1.28	1.31	1.29	1.28	1.28	1.27	1.29	1.34
16.038	1.49	1.41	1.36	1.39	1.39	1.37	1.38	1.40	1.42	1.46

Taikos pr. nuo Bijūnų g. iki Rūtų g.

Taikos pr. nuo Bijūnų g. iki Rūtų g. (M3)

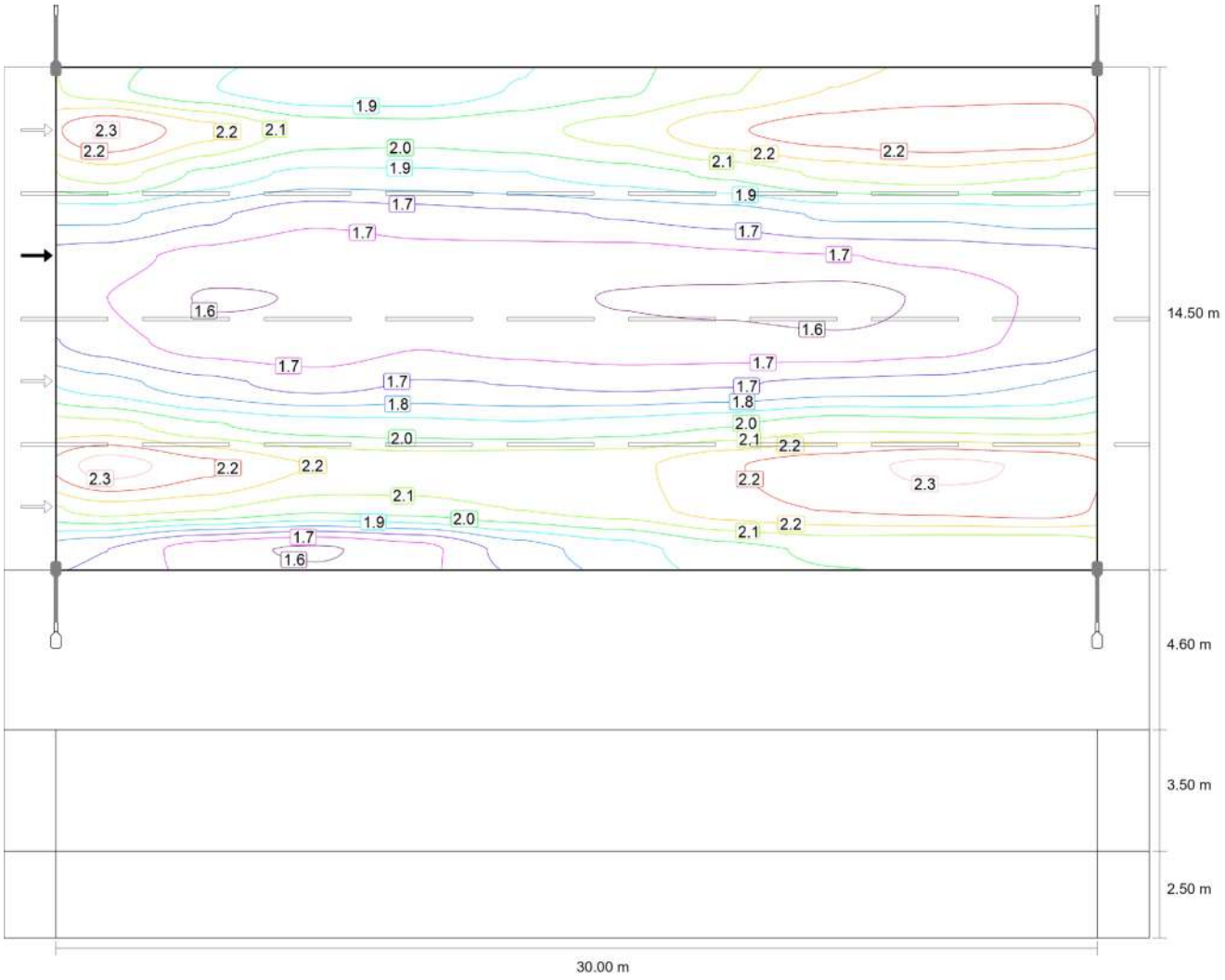
m	1.500	4.500	7.500	10.500	13.500	16.500	19.500	22.500	25.500	28.500
14.829	1.68	1.60	1.56	1.55	1.53	1.55	1.59	1.64	1.63	1.61
13.621	1.89	1.81	1.73	1.70	1.71	1.71	1.79	1.83	1.88	1.85
12.413	1.69	1.67	1.61	1.63	1.66	1.69	1.77	1.80	1.81	1.83
11.204	1.39	1.28	1.24	1.30	1.42	1.49	1.57	1.60	1.60	1.59

Observer 3: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 3: Maintenance value, luminance with dry roadway	1.52 cd/m²	1.22 cd/m²	1.89 cd/m²	0.80	0.64

Taikos pr. nuo Bijūnų g. iki Rūtų g.

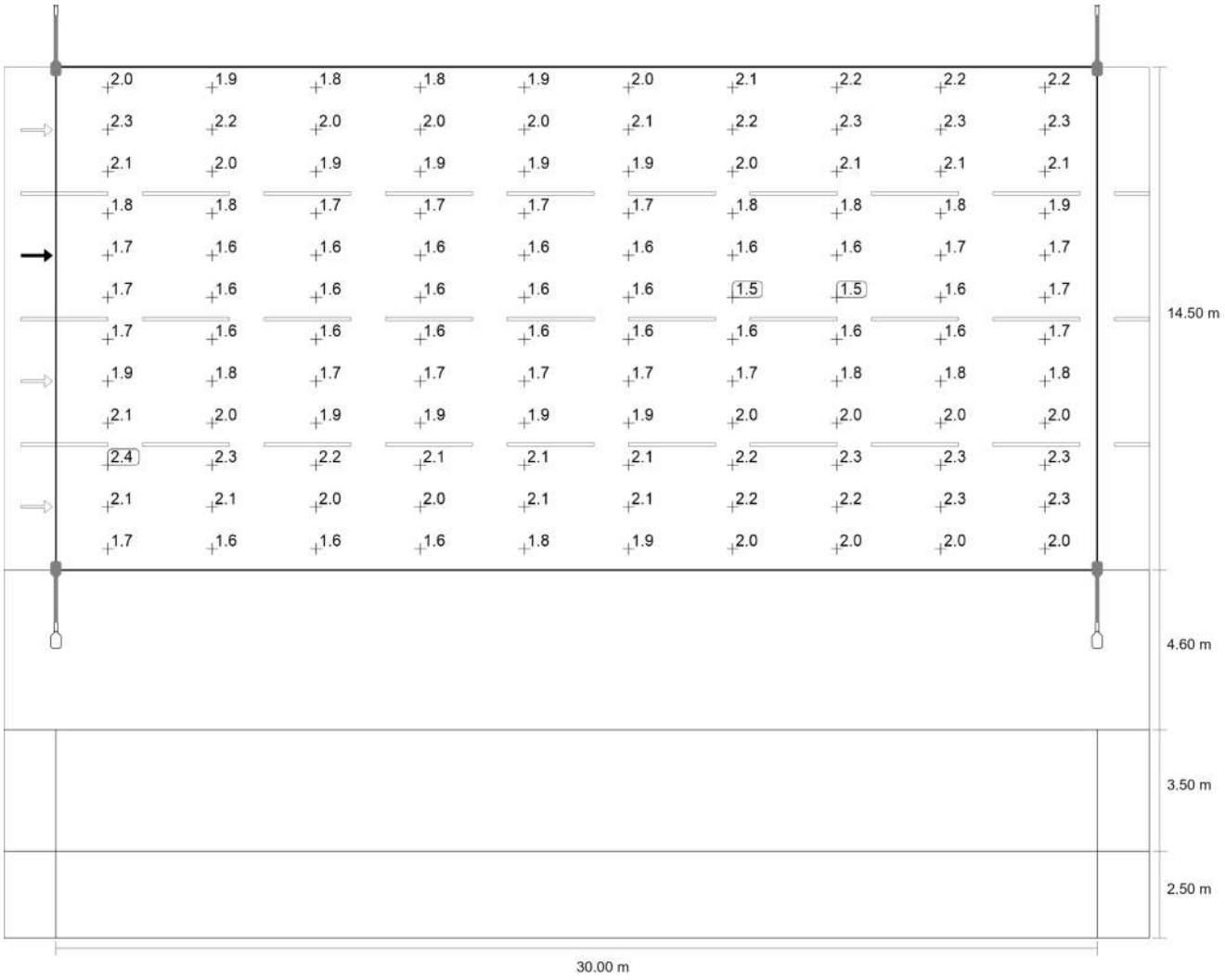
Taikos pr. nuo Bijūnų g. iki Rūtų g. (M3)



Observer 3: Luminance with new installation [cd/m²] (Iso-illuminance curves)

Taikos pr. nuo Bijūnų g. iki Rūtų g.

Taikos pr. nuo Bijūnų g. iki Rūtų g. (M3)



Observer 3: Luminance with new installation [cd/m²] (Value grid)

m	1.500	4.500	7.500	10.500	13.500	16.500	19.500	22.500	25.500	28.500
24.496	2.01	1.91	1.83	1.83	1.91	1.97	2.06	2.16	2.19	2.21
23.288	2.33	2.18	2.04	2.02	2.05	2.11	2.23	2.29	2.32	2.32
22.079	2.11	1.97	1.88	1.89	1.90	1.95	2.01	2.09	2.13	2.08
20.871	1.84	1.75	1.67	1.70	1.72	1.74	1.77	1.83	1.83	1.86
19.663	1.69	1.62	1.59	1.62	1.62	1.61	1.63	1.65	1.67	1.70
18.454	1.65	1.56	1.57	1.60	1.59	1.56	1.55	1.52	1.58	1.66
17.246	1.69	1.61	1.60	1.64	1.61	1.60	1.60	1.59	1.61	1.67
16.038	1.86	1.76	1.70	1.74	1.73	1.71	1.73	1.75	1.77	1.82

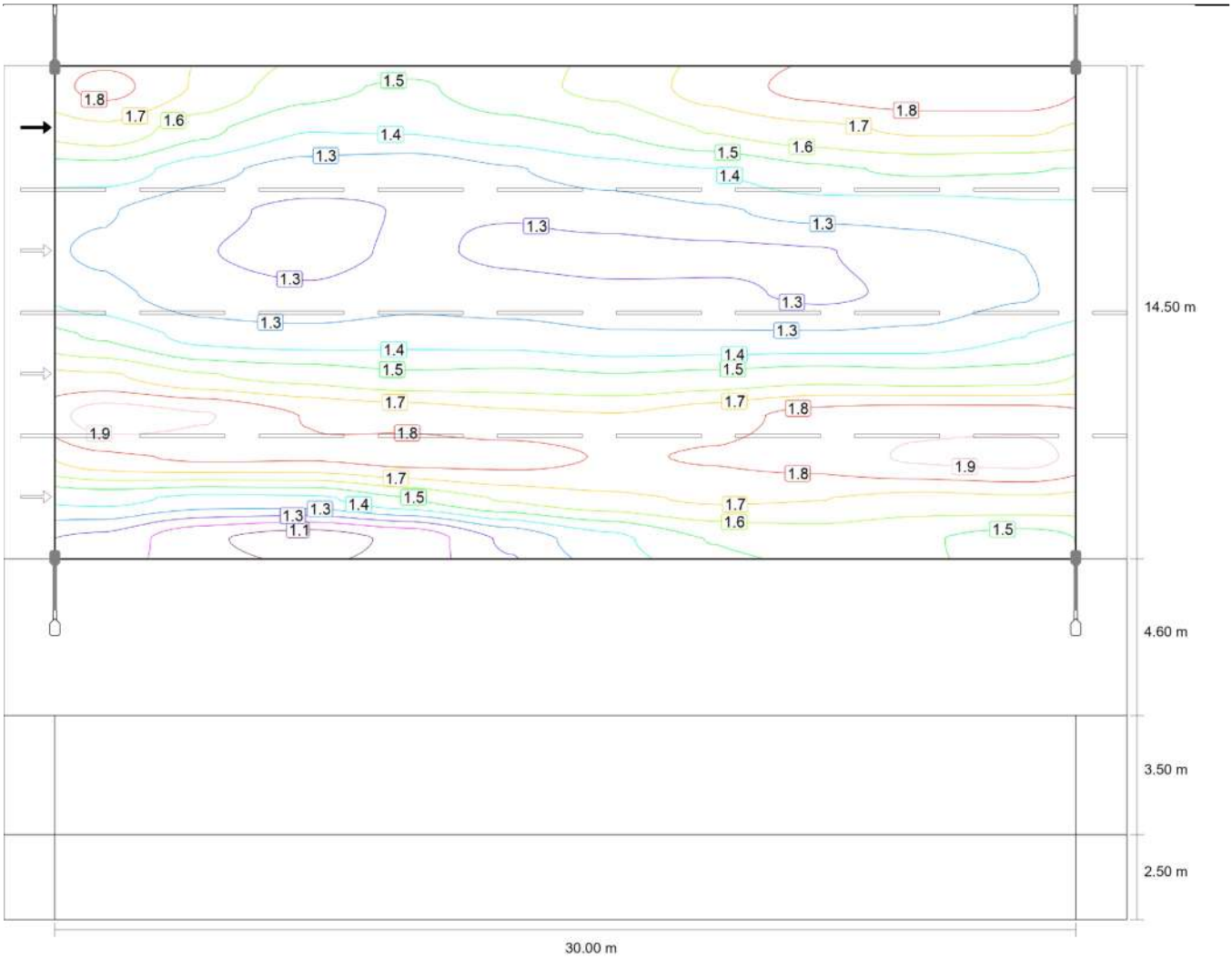
Taikos pr. nuo Bijūnų g. iki Rūtų g.

Taikos pr. nuo Bijūnų g. iki Rūtų g. (M3)

m	1.500	4.500	7.500	10.500	13.500	16.500	19.500	22.500	25.500	28.500
14.829	2.10	2.00	1.95	1.93	1.92	1.94	1.98	2.05	2.03	2.02
13.621	2.37	2.26	2.16	2.13	2.14	2.14	2.23	2.29	2.35	2.31
12.413	2.11	2.08	2.01	2.03	2.08	2.12	2.21	2.25	2.27	2.29
11.204	1.74	1.60	1.56	1.62	1.77	1.87	1.96	2.00	2.00	1.99

Observer 3: Luminance with new installation [cd/m²] (Value chart)

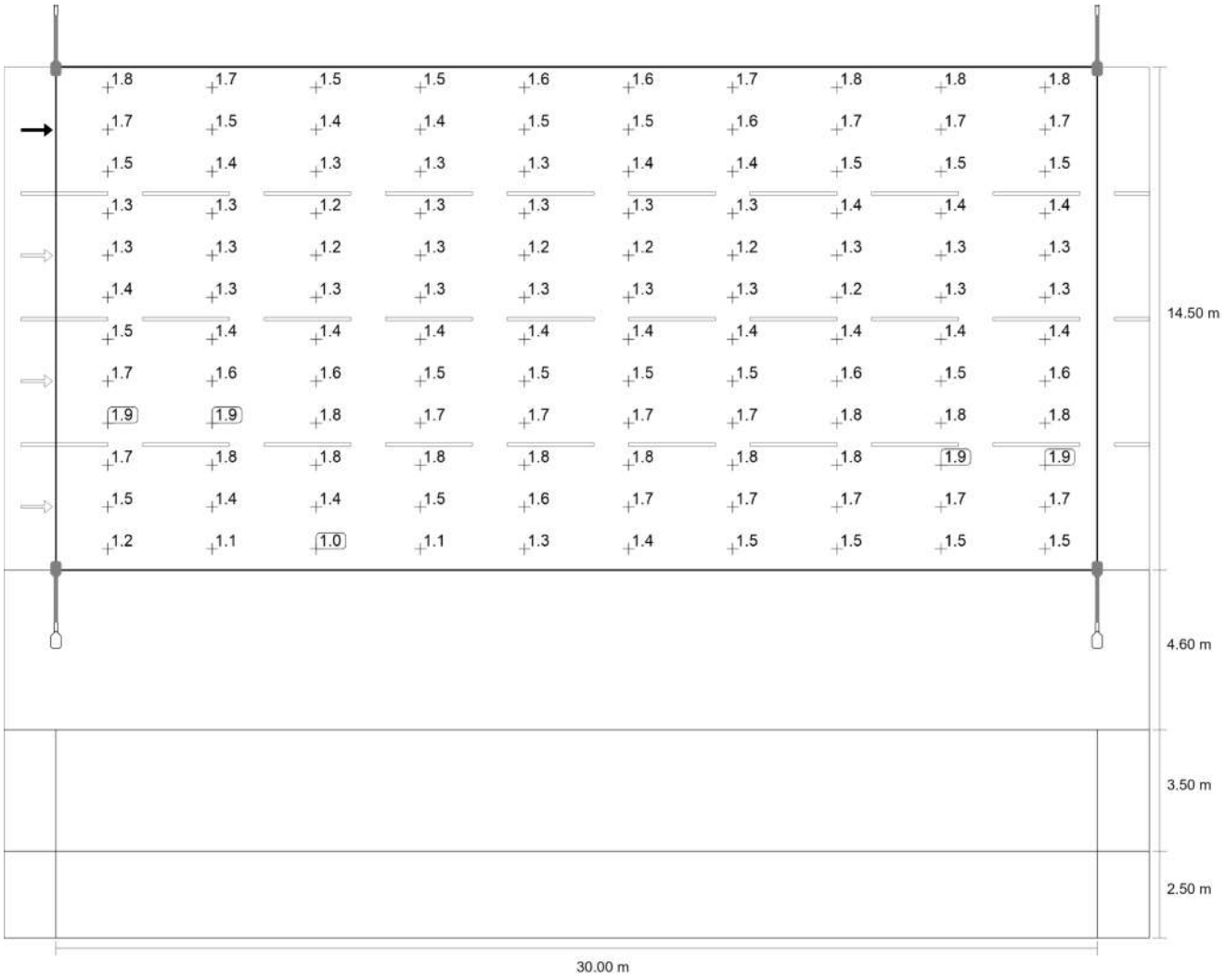
	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 3: Luminance with new installation	1.90 cd/m²	1.52 cd/m²	2.37 cd/m²	0.80	0.64



Observer 4: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

Taikos pr. nuo Bijūnų g. iki Rūtų g.

Taikos pr. nuo Bijūnų g. iki Rūtų g. (M3)



Observer 4: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

m	1.500	4.500	7.500	10.500	13.500	16.500	19.500	22.500	25.500	28.500
24.496	1.79	1.67	1.54	1.50	1.57	1.62	1.72	1.80	1.84	1.83
23.288	1.66	1.54	1.43	1.44	1.48	1.52	1.61	1.66	1.70	1.70
22.079	1.48	1.37	1.30	1.29	1.33	1.39	1.43	1.49	1.52	1.52
20.871	1.35	1.27	1.24	1.26	1.26	1.28	1.33	1.37	1.37	1.40
19.663	1.33	1.26	1.24	1.26	1.24	1.24	1.24	1.25	1.30	1.34
18.454	1.37	1.29	1.27	1.30	1.29	1.27	1.27	1.24	1.27	1.33
17.246	1.50	1.39	1.38	1.40	1.39	1.35	1.35	1.35	1.37	1.42
16.038	1.69	1.60	1.57	1.53	1.54	1.52	1.54	1.56	1.55	1.56

Taikos pr. nuo Bijūnų g. iki Rūtų g.

Taikos pr. nuo Bijūnų g. iki Rūtų g. (M3)

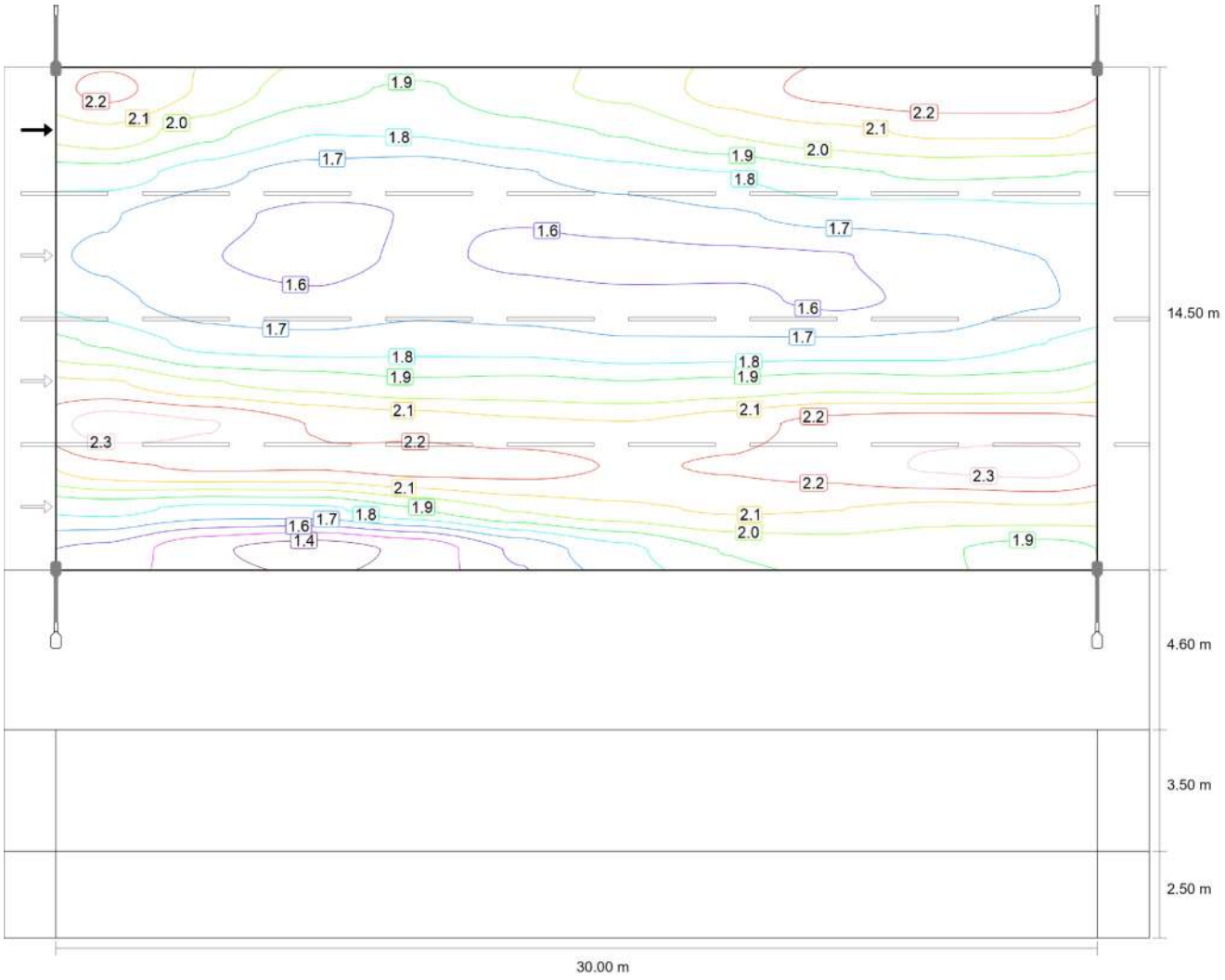
m	1.500	4.500	7.500	10.500	13.500	16.500	19.500	22.500	25.500	28.500
14.829	1.90	1.86	1.77	1.75	1.71	1.69	1.74	1.80	1.82	1.82
13.621	1.74	1.78	1.78	1.81	1.80	1.76	1.78	1.80	1.87	1.89
12.413	1.45	1.40	1.41	1.51	1.61	1.66	1.70	1.69	1.66	1.67
11.204	1.23	1.10	1.04	1.11	1.27	1.40	1.52	1.55	1.52	1.49

Observer 4: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 4: Maintenance value, luminance with dry roadway	1.50 cd/m²	1.04 cd/m²	1.90 cd/m²	0.69	0.55

Taikos pr. nuo Bijūnų g. iki Rūtų g.

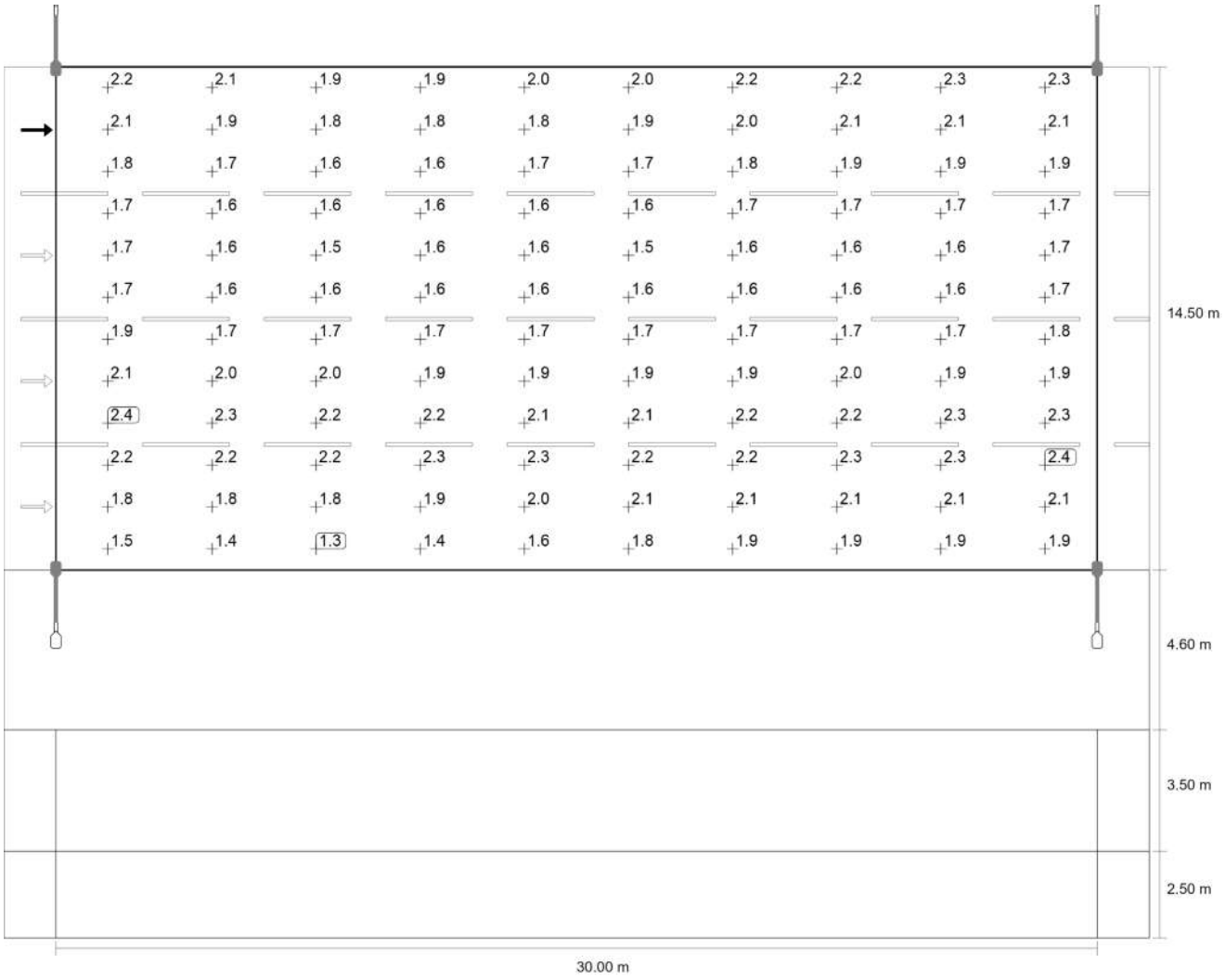
Taikos pr. nuo Bijūnų g. iki Rūtų g. (M3)



Observer 4: Luminance with new installation [cd/m²] (Iso-illuminance curves)

Taikos pr. nuo Bijūnų g. iki Rūtų g.

Taikos pr. nuo Bijūnų g. iki Rūtų g. (M3)



Observer 4: Luminance with new installation [cd/m²] (Value grid)

m	1.500	4.500	7.500	10.500	13.500	16.500	19.500	22.500	25.500	28.500
24.496	2.24	2.09	1.93	1.88	1.96	2.02	2.15	2.25	2.29	2.29
23.288	2.07	1.92	1.79	1.80	1.85	1.90	2.01	2.08	2.12	2.12
22.079	1.84	1.72	1.63	1.61	1.67	1.74	1.78	1.87	1.91	1.90
20.871	1.69	1.59	1.55	1.57	1.57	1.61	1.66	1.72	1.71	1.75
19.663	1.66	1.57	1.55	1.58	1.56	1.55	1.55	1.56	1.63	1.68
18.454	1.71	1.62	1.59	1.63	1.61	1.59	1.59	1.55	1.59	1.66
17.246	1.87	1.74	1.72	1.74	1.73	1.69	1.69	1.69	1.71	1.78
16.038	2.12	2.01	1.96	1.91	1.92	1.90	1.92	1.95	1.93	1.94

Taikos pr. nuo Bijūnų g. iki Rūtų g.

Taikos pr. nuo Bijūnų g. iki Rūtų g. (M3)

m	1.500	4.500	7.500	10.500	13.500	16.500	19.500	22.500	25.500	28.500
14.829	2.37	2.33	2.21	2.18	2.14	2.11	2.17	2.24	2.28	2.28
13.621	2.18	2.23	2.22	2.26	2.25	2.20	2.22	2.25	2.34	2.36
12.413	1.82	1.75	1.76	1.89	2.01	2.08	2.12	2.11	2.07	2.09
11.204	1.54	1.38	1.30	1.38	1.59	1.75	1.90	1.94	1.90	1.86

Observer 4: Luminance with new installation [cd/m²] (Value chart)

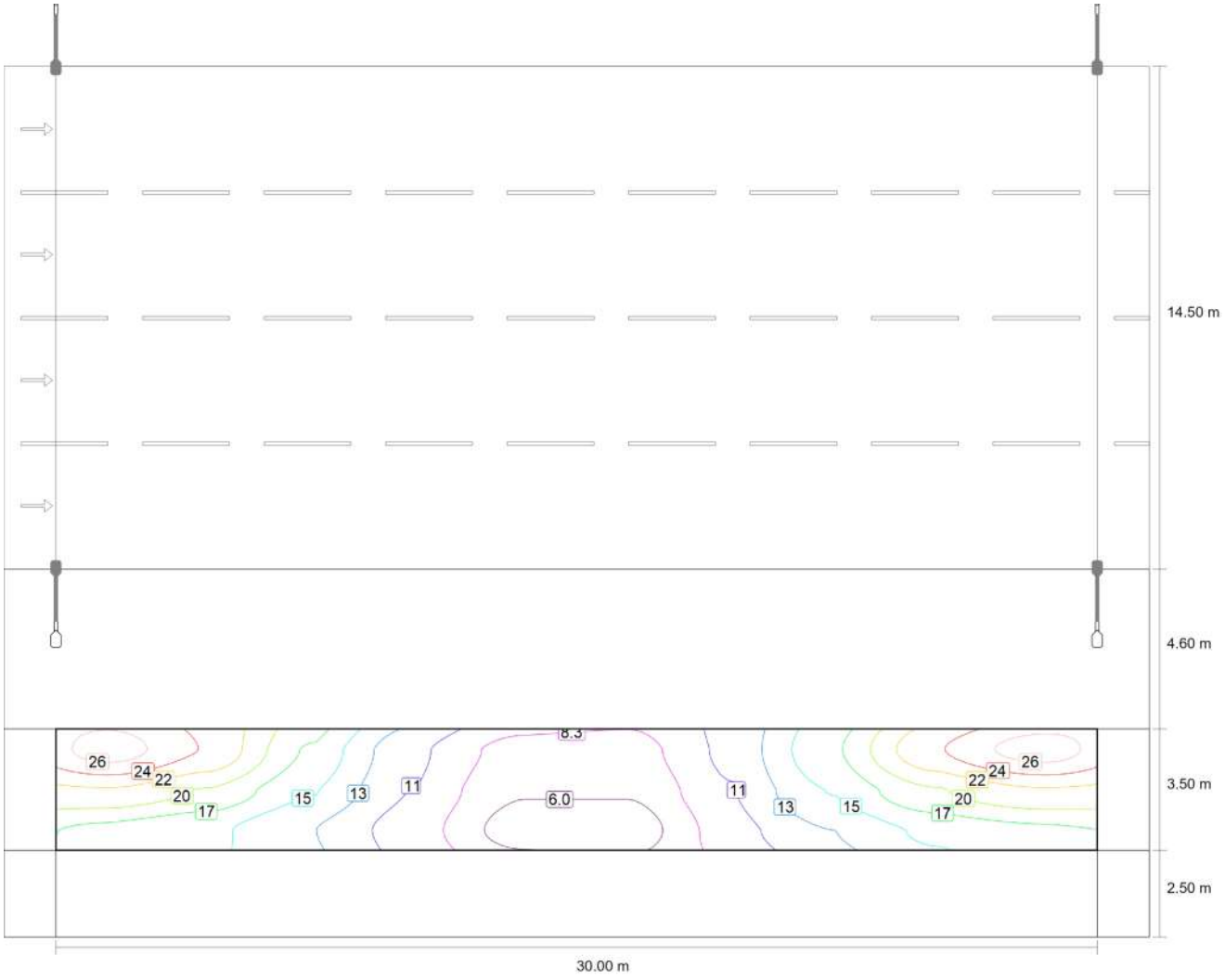
	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 4: Luminance with new installation	1.87 cd/m²	1.30 cd/m²	2.37 cd/m²	0.69	0.55

Taikos pr. nuo Bijūnų g. iki Rūtų g.

Bicycle lane (P3)

Results for valuation field

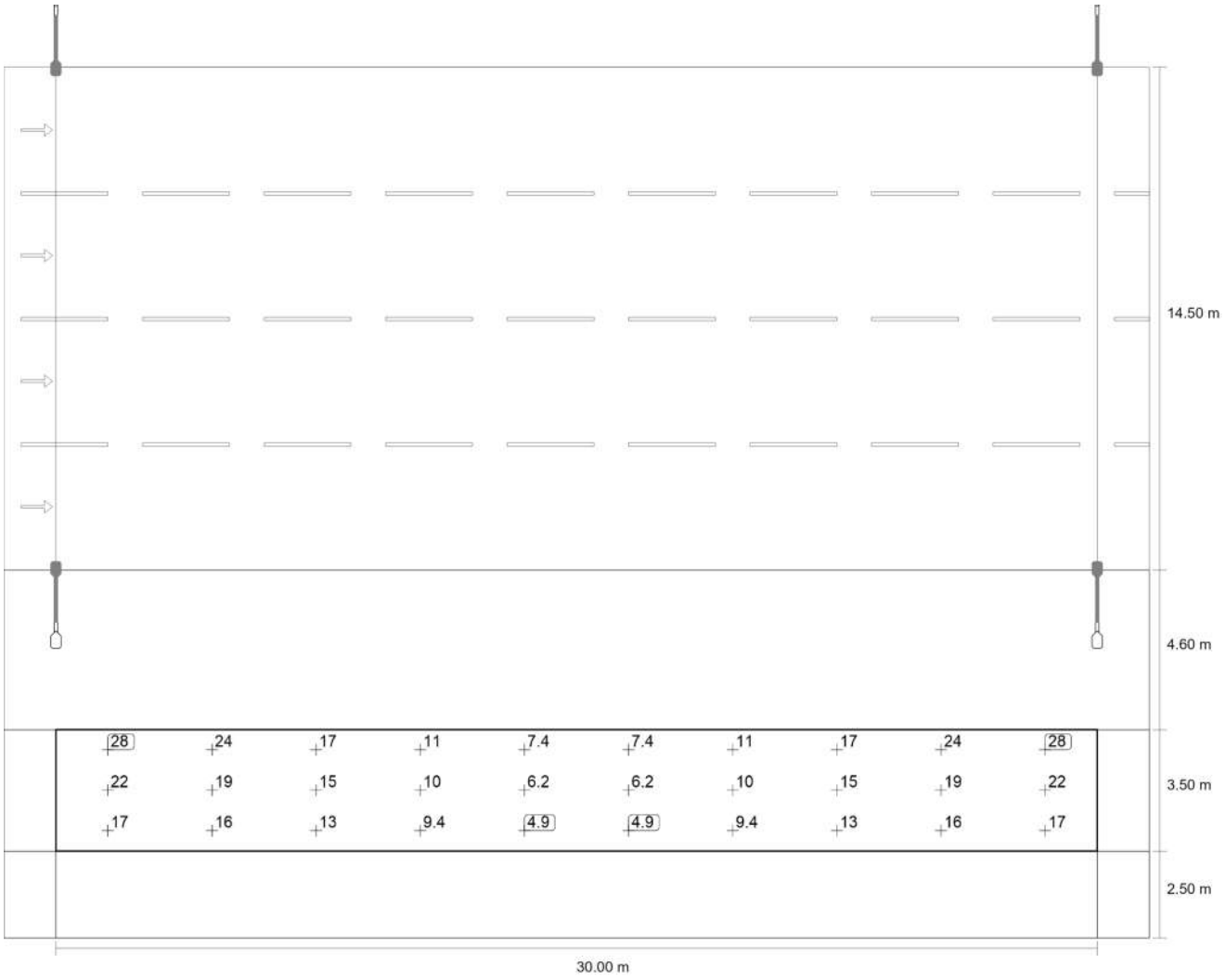
	Symbol	Calculated	Target	Check
Bicycle lane (P3)	E_{av}	14.64 lx	[7.50 - 11.25] lx	✓
	E_{min}	4.90 lx	≥ 1.50 lx	✓



Maintenance value, horizontal illuminance [lx] (Iso-illuminance curves)

Taikos pr. nuo Bijūnų g. iki Rūtų g.

Bicycle lane (P3)



Maintenance value, horizontal illuminance [lx] (Value grid)

m	1.500	4.500	7.500	10.500	13.500	16.500	19.500	22.500	25.500	28.500
5.417	27.57	24.00	17.00	11.05	7.40	7.40	11.05	17.00	24.00	27.57
4.250	21.65	19.44	15.23	10.41	6.23	6.23	10.41	15.23	19.44	21.65
3.083	16.86	15.61	12.85	9.39	4.90	4.90	9.39	12.85	15.61	16.86

Maintenance value, horizontal illuminance [lx] (Value chart)

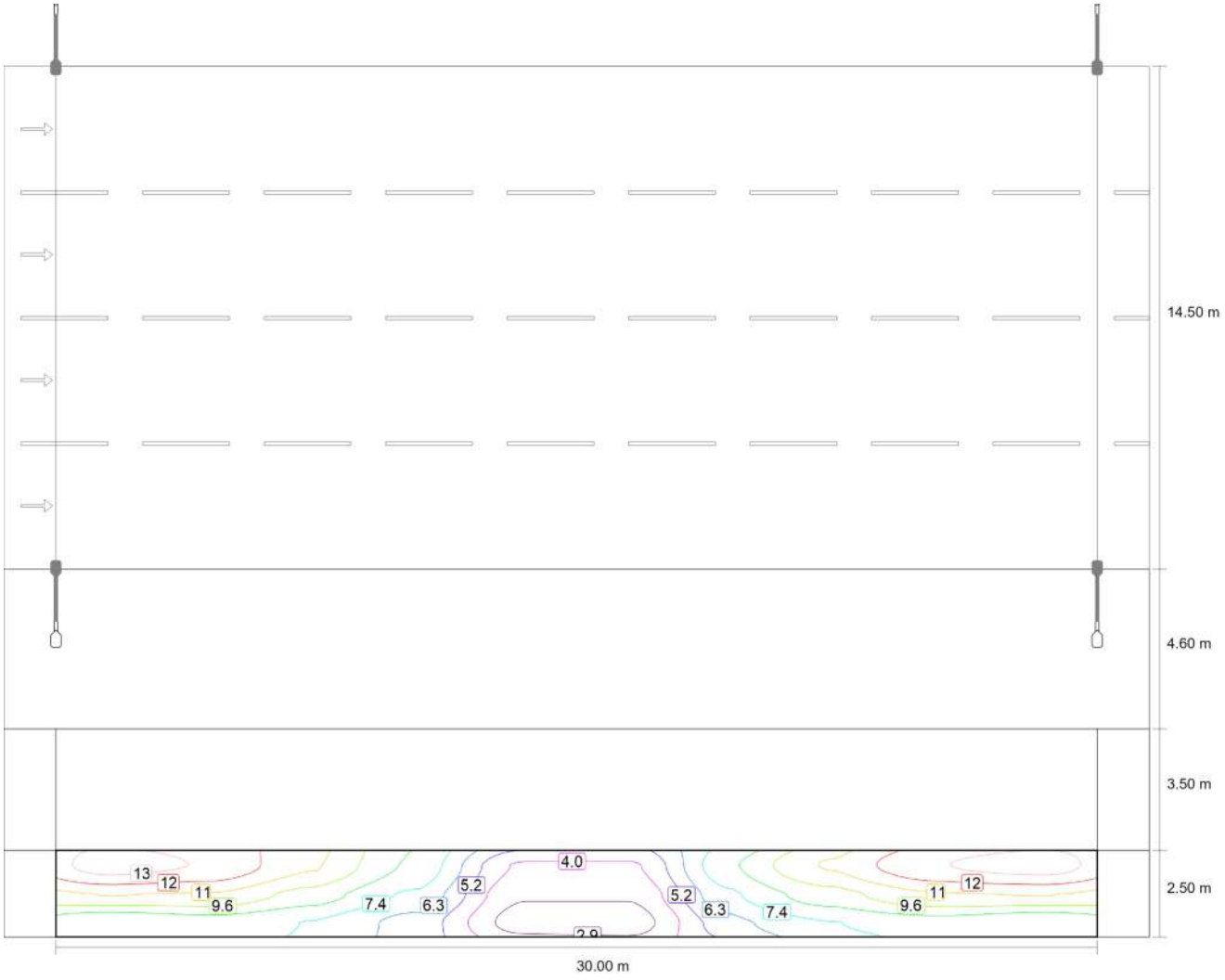
	E_{av}	E_{min}	E_{max}	U_o (g_1)	g_2
Maintenance value, horizontal illuminance	14.6 lx	4.90 lx	27.6 lx	0.33	0.18

Taikos pr. nuo Bijūnų g. iki Rūtų g.

Sidewalk (P3)

Results for valuation field

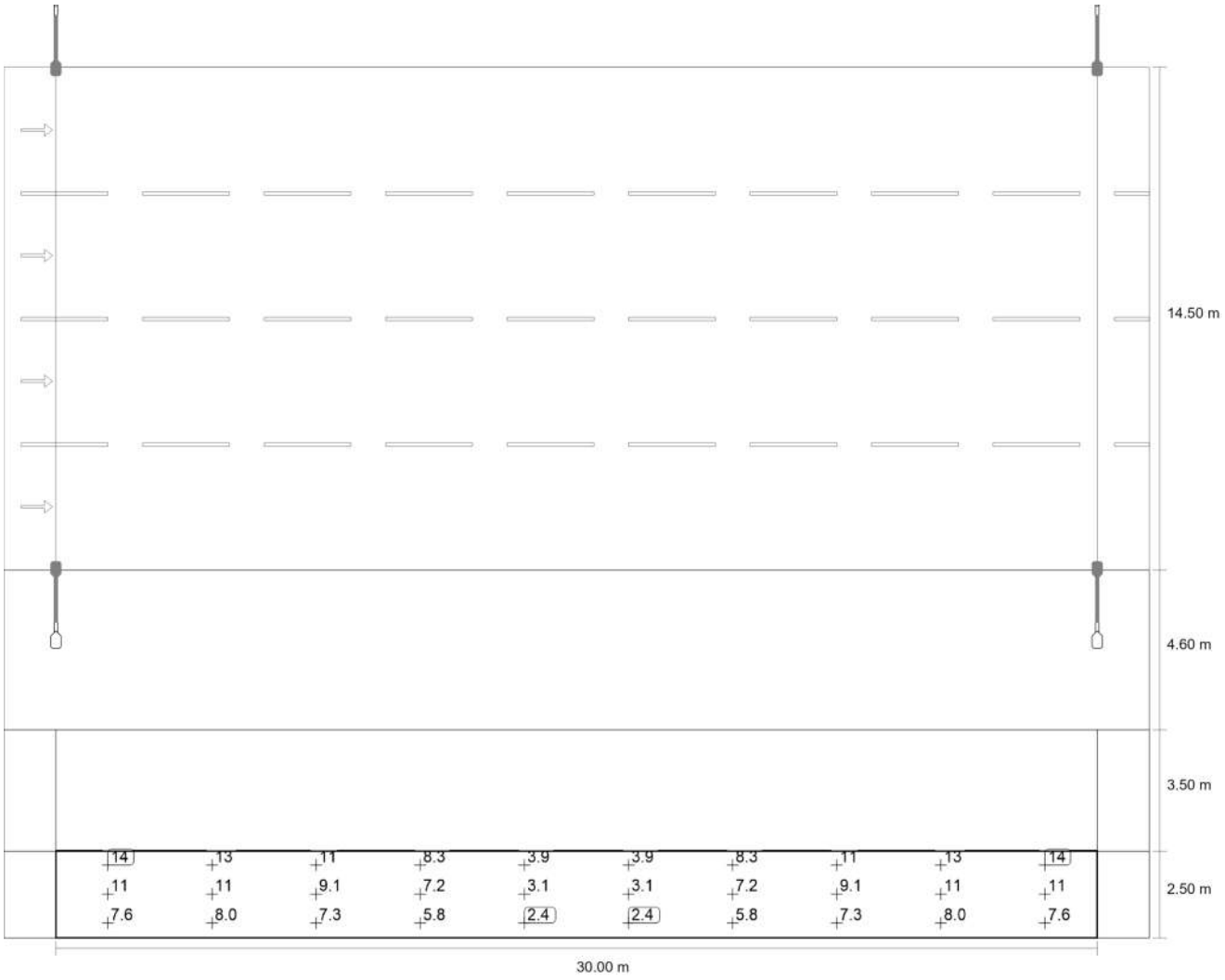
	Symbol	Calculated	Target	Check
Sidewalk (P3)	E_{av}	8.08 lx	[7.50 - 11.25] lx	✓
	E_{min}	2.38 lx	≥ 1.50 lx	✓



Maintenance value, horizontal illuminance [lx] (Iso-illuminance curves)

Taikos pr. nuo Bijūnų g. iki Rūtų g.

Sidewalk (P3)



Maintenance value, horizontal illuminance [lx] (Value grid)

m	1.500	4.500	7.500	10.500	13.500	16.500	19.500	22.500	25.500	28.500
2.083	13.50	12.86	10.86	8.28	3.87	3.87	8.28	10.86	12.86	13.50
1.250	10.77	10.61	9.13	7.17	3.05	3.05	7.17	9.13	10.61	10.77
0.417	7.59	7.99	7.34	5.84	2.38	2.38	5.84	7.34	7.99	7.59

Maintenance value, horizontal illuminance [lx] (Value chart)

	E_{av}	E_{min}	E_{max}	U_o (g_1)	g_2
Maintenance value, horizontal illuminance	8.08 lx	2.38 lx	13.5 lx	0.29	0.18

Date 2024-05-16

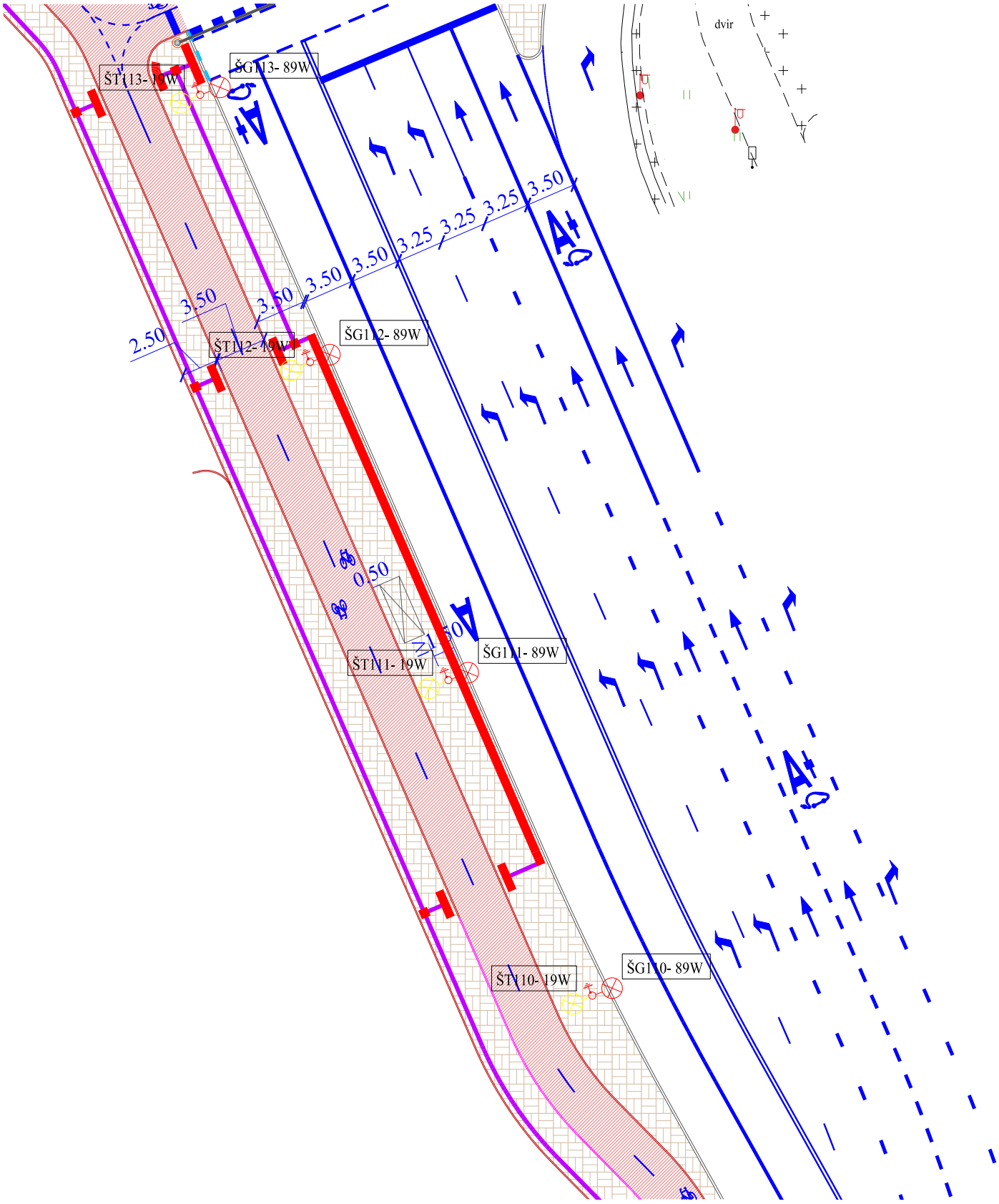
DIALux

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g.





Created with DIALux


ŠT113- 19W
ŠG113- 89W
ŠG112- 89W
ŠT112- 19W
ŠT111- 19W
ŠG111- 89W
ŠT110- 19W
ŠG110- 89W
dvir
3.50
3.25
2.50
0.50

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g.

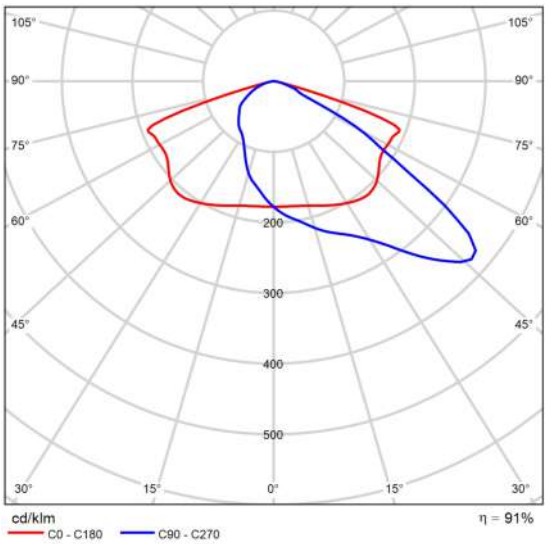
Summary (according to EN 13201:2015)



Product data sheet

Philips - BGP760 T25 1 xLED22-4S/830 DM31

P	18.6 W
Φ_{Lamp}	2200 lm
$\Phi_{Luminaire}$	2010 lm
η	91.38 %
Luminous efficacy	108.1 lm/W
CCT	3000 K
CRI	80



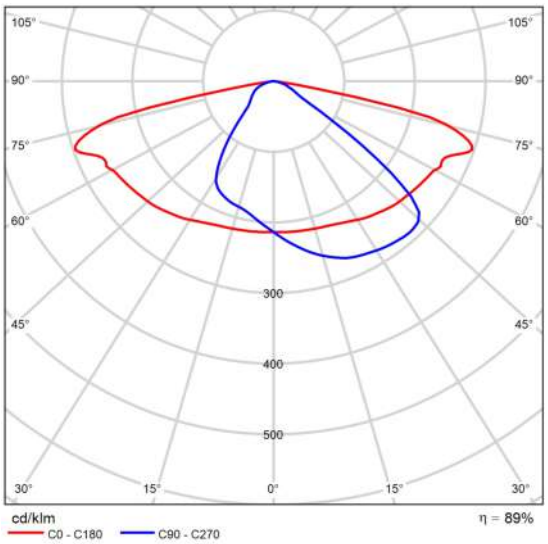
Polar LDC



Product data sheet

Philips - BGP762 T25 1 xLED120-4S/830 DM10

P	91.0 W
Φ_{Lamp}	12000 lm
$\Phi_{Luminaire}$	10736 lm
η	89.47 %
Luminous efficacy	118.0 lm/W
CCT	3000 K
CRI	80



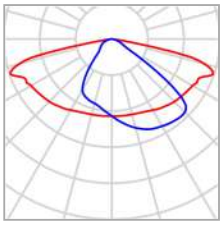
Polar LDC



DIALux

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g.

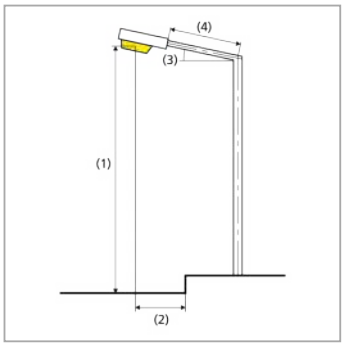
Summary (according to EN 13201:2015)





Manufacturer	Philips	P	91.0 W
Article name	BGP762 T25 1 xLED120-4S/830 DM10	Φ_{Lamp}	12000 lm
		$\Phi_{Luminaire}$	10736 lm
Fitting	1x LED120-4S/830	η	89.47 %

BGP762 T25 1 xLED120-4S/830 DM10 (both sides opposite)

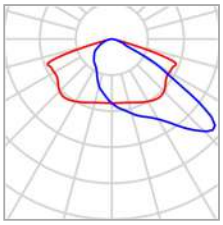


Pole distance	24.000 m
(1) Light spot height	8.500 m
(2) Light point overhang	0.000 m
(3) Boom inclination	0.0°
(4) Boom length	1.500 m
Annual operating hours	4000 h: 100.0 %, 91.0 W
Wattage / route	7644.0 W/km
ULR / ULOR	0.00 / 0.00
Max. luminous intensities Any direction forming the specified angle from the downward vertical, with the luminaire installed for use.	≥ 70°: 589 cd/klm ≥ 80°: 99.5 cd/klm ≥ 90°: 0.00 cd/klm
Luminous intensity class The luminous intensity values in [cd/klm] for calculation of the luminous intensity class refer to the luminaire luminous flux according to EN 13201:2015.	G*3
Glare index class	D.5
MF	0.80

DIALux

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g.

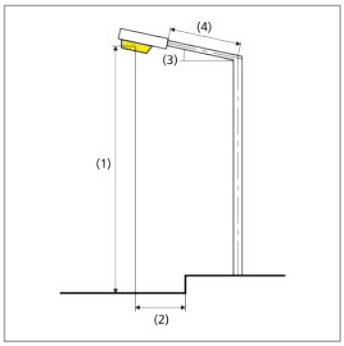
Summary (according to EN 13201:2015)





Manufacturer	Philips	P	18.6 W
Article name	BGP760 T25 1 xLED22-4S/830 DM31	Φ_{Lamp}	2200 lm
		$\Phi_{Luminaire}$	2010 lm
Fitting	1x LED22-4S/830	η	91.38 %

BGP760 T25 1 xLED22-4S/830 DM31 (both sides opposite)



Pole distance	24.000 m
(1) Light spot height	6.000 m
(2) Light point overhang	-1.000 m
(3) Boom inclination	0.0°
(4) Boom length	0.500 m
Annual operating hours	4000 h: 100.0 %, 18.6 W
Wattage / route	1562.4 W/km
ULR / ULOR	0.00 / 0.00
Max. luminous intensities Any direction forming the specified angle from the downward vertical, with the luminaire installed for use.	≥ 70°: 288 cd/klm ≥ 80°: 14.7 cd/klm ≥ 90°: 0.00 cd/klm
Luminous intensity class The luminous intensity values in [cd/klm] for calculation of the luminous intensity class refer to the luminaire luminous flux according to EN 13201:2015.	G*6
Glare index class	D.6
MF	0.80

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g.

Summary (according to EN 13201:2015)

Results for valuation fields

A maintenance factor of 0.80 was used for calculating for the installation.

	Symbol	Calculated	Target	Check
Taikos pr. nuo Sausio 15-osios g. link Bijūnų g. (M3)	L_{av}	1.37 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.50	≥ 0.40	✓
	U_l	0.91	≥ 0.60	✓
	TI	9 %	≤ 15 %	✓
	R_{EI}	0.91	≥ 0.30	✓
Sidewalk 1 (P3)	E_{av}	22.69 lx	[7.50 - 11.25] lx	✓
	E_{min}	12.98 lx	≥ 1.50 lx	✓
Bicycle lane 1 (P3)	E_{av}	16.24 lx	[7.50 - 11.25] lx	✓
	E_{min}	9.63 lx	≥ 1.50 lx	✓
Sidewalk 2 (P3)	E_{av}	8.11 lx	[7.50 - 11.25] lx	✓
	E_{min}	5.60 lx	≥ 1.50 lx	✓

Results for energy efficiency indicators

	Symbol	Calculated	Energy Consumption
Taikos pr. nuo Sausio 15-osios g. link Bijūnų g.	D_p	0.001 W/lx*m²	
BGP762 T25 1 xLED120-4S/830 DM10 (both sides opposite)	D_e	0.9 kWh/m² yr	728.0 kWh/yr
BGP760 T25 1 xLED22-4S/830 DM31 (both sides opposite)	D_e	0.2 kWh/m² yr	148.8 kWh/yr

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g.

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g. (M3)

Results for valuation field

	Symbol	Calculated	Target	Check
Taikos pr. nuo Sausio 15-osios g. link Bijūnų g. (M3)	L_{av}	1.37 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.50	≥ 0.40	✓
	U_l	0.91	≥ 0.60	✓
	TI	9 %	≤ 15 %	✓
	R_{EI}	0.91	≥ 0.30	✓

Results for observer

	Symbol	Calculated	Target	Check
Observer 1 Position: -60.000 m, 11.286 m, 1.500 m	L_{av}	1.37 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.54	≥ 0.40	✓
	U_l	0.92	≥ 0.60	✓
	TI	9 %	≤ 15 %	✓
Observer 2 Position: -60.000 m, 14.857 m, 1.500 m	L_{av}	1.39 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.52	≥ 0.40	✓
	U_l	0.94	≥ 0.60	✓
	TI	8 %	≤ 15 %	✓
Observer 3 Position: -60.000 m, 18.429 m, 1.500 m	L_{av}	1.41 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.51	≥ 0.40	✓
	U_l	0.93	≥ 0.60	✓
	TI	6 %	≤ 15 %	✓

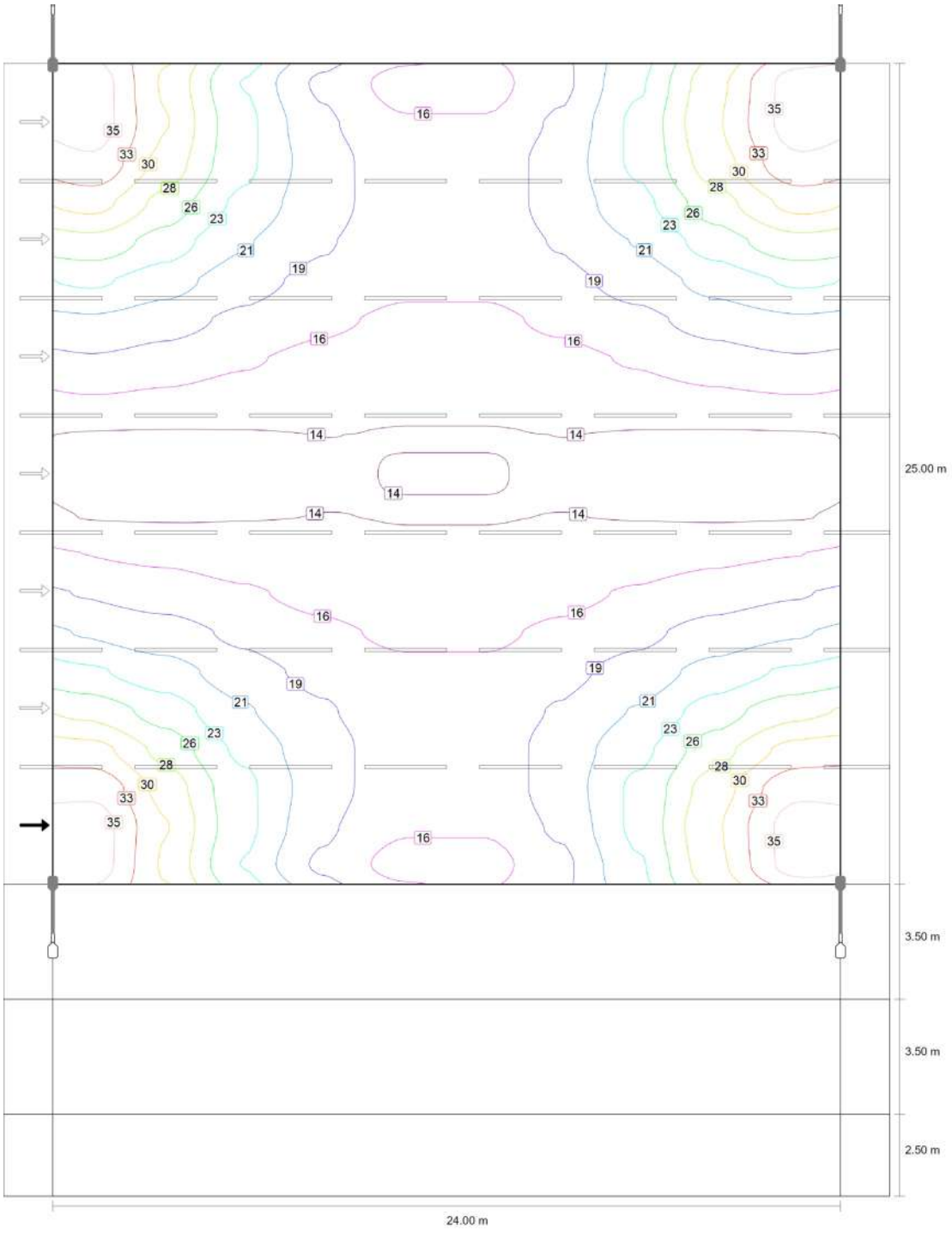
Taikos pr. nuo Sausio 15-osios g. link Bijūnų g.

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g. (M3)

	Symbol	Calculated	Target	Check
Observer 4 Position: -60.000 m, 22.000 m, 1.500 m	L_{av}	1.41 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.50	≥ 0.40	✓
	U_l	0.91	≥ 0.60	✓
	TI	4 %	≤ 15 %	✓
Observer 5 Position: -60.000 m, 25.571 m, 1.500 m	L_{av}	1.41 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.51	≥ 0.40	✓
	U_l	0.93	≥ 0.60	✓
	TI	6 %	≤ 15 %	✓
Observer 6 Position: -60.000 m, 29.143 m, 1.500 m	L_{av}	1.39 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.52	≥ 0.40	✓
	U_l	0.94	≥ 0.60	✓
	TI	8 %	≤ 15 %	✓
Observer 7 Position: -60.000 m, 32.714 m, 1.500 m	L_{av}	1.37 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.54	≥ 0.40	✓
	U_l	0.92	≥ 0.60	✓
	TI	9 %	≤ 15 %	✓

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g.

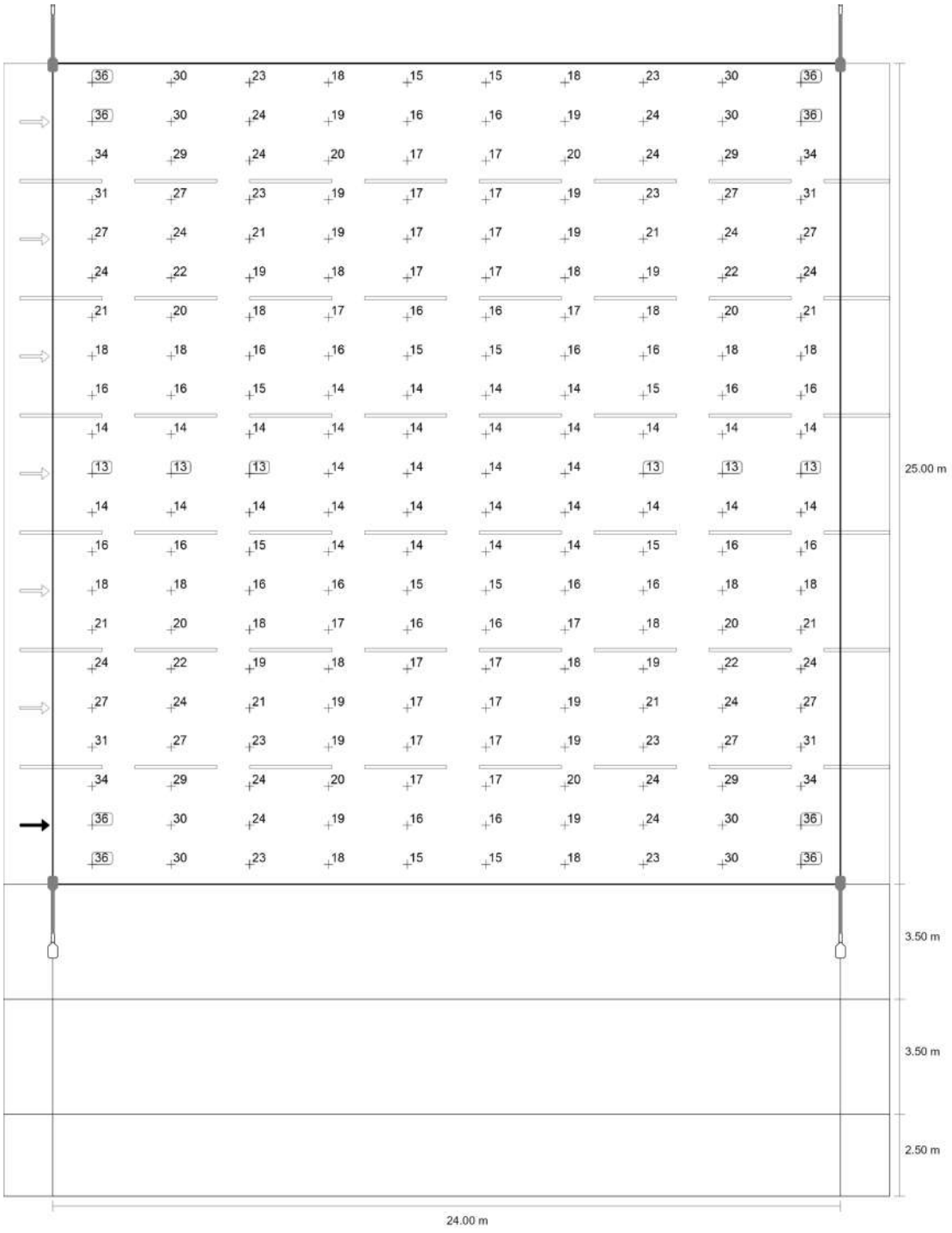
Taikos pr. nuo Sausio 15-osios g. link Bijūnų g. (M3)



Maintenance value, horizontal illuminance [lx] (Iso-illuminance curves)

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g.

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g. (M3)



Maintenance value, horizontal illuminance [lx] (Value grid)

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g.

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g. (M3)

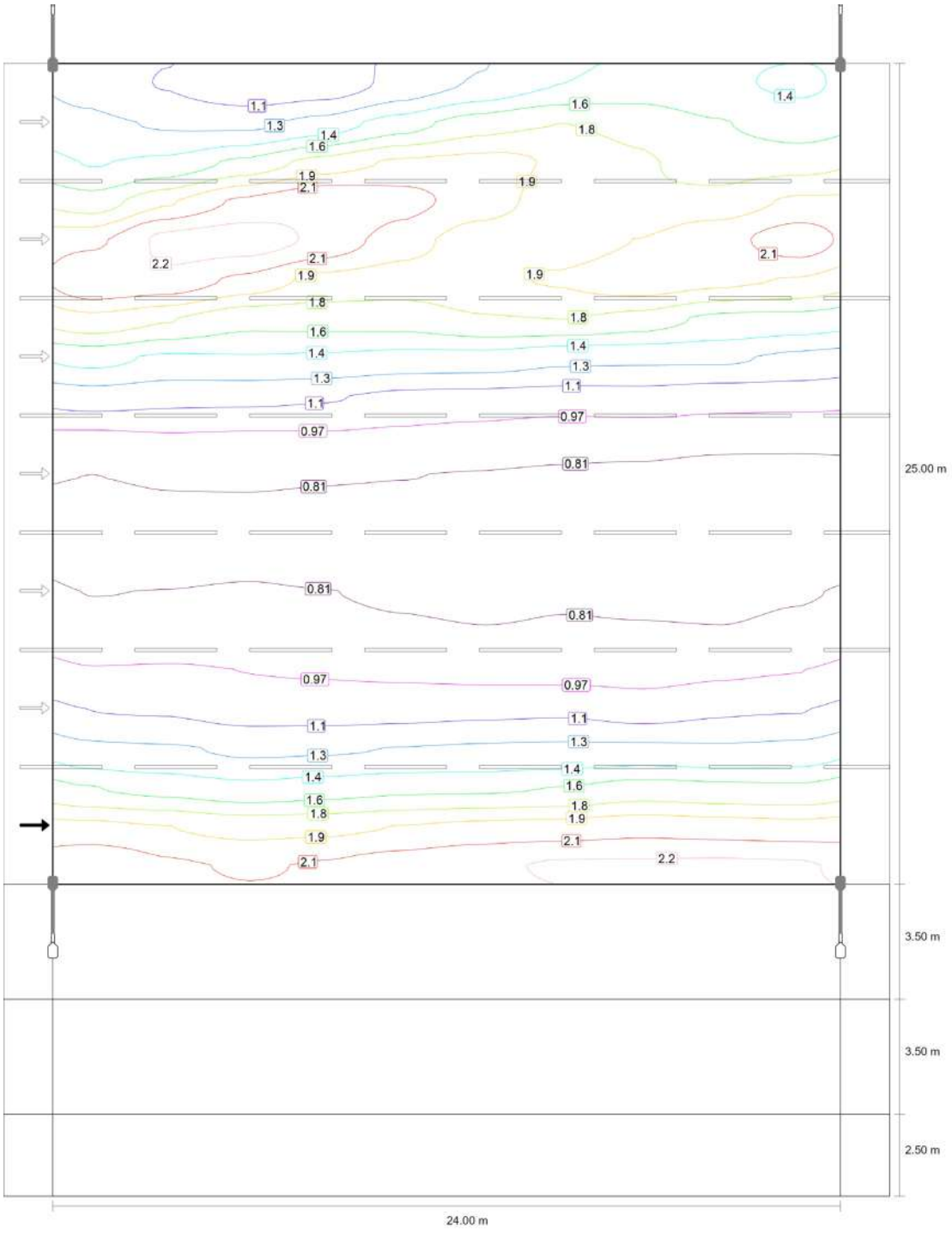
m	1.200	3.600	6.000	8.400	10.800	13.200	15.600	18.000	20.400	22.800
33.905	36.00	29.70	22.99	18.03	15.44	15.44	18.03	22.99	29.70	36.00
32.714	35.98	30.14	23.79	19.01	16.44	16.44	19.01	23.79	30.14	35.98
31.524	34.30	29.18	23.70	19.59	17.20	17.20	19.59	23.70	29.18	34.30
30.333	31.05	27.00	22.59	19.39	17.46	17.46	19.39	22.59	27.00	31.05
29.143	27.13	24.43	21.05	18.76	17.25	17.25	18.76	21.05	24.43	27.13
27.952	23.57	21.84	19.50	17.84	16.67	16.67	17.84	19.50	21.84	23.57
26.762	20.62	19.54	17.97	16.71	15.78	15.78	16.71	17.97	19.54	20.62
25.571	18.35	17.55	16.49	15.52	14.89	14.89	15.52	16.49	17.55	18.35
24.381	16.15	15.73	15.11	14.49	14.12	14.12	14.49	15.11	15.73	16.15
23.190	13.71	13.64	13.77	13.88	13.84	13.84	13.88	13.77	13.64	13.71
22.000	12.72	12.74	13.44	13.71	13.93	13.93	13.71	13.44	12.74	12.72
20.810	13.71	13.64	13.77	13.88	13.84	13.84	13.88	13.77	13.64	13.71
19.619	16.15	15.73	15.11	14.49	14.12	14.12	14.49	15.11	15.73	16.15
18.429	18.35	17.55	16.49	15.52	14.89	14.89	15.52	16.49	17.55	18.35
17.238	20.62	19.54	17.97	16.71	15.78	15.78	16.71	17.97	19.54	20.62
16.048	23.57	21.84	19.50	17.84	16.67	16.67	17.84	19.50	21.84	23.57
14.857	27.13	24.43	21.05	18.76	17.25	17.25	18.76	21.05	24.43	27.13
13.667	31.05	27.00	22.59	19.39	17.46	17.46	19.39	22.59	27.00	31.05
12.476	34.30	29.18	23.70	19.59	17.20	17.20	19.59	23.70	29.18	34.30
11.286	35.98	30.14	23.79	19.01	16.44	16.44	19.01	23.79	30.14	35.98
10.095	36.00	29.70	22.99	18.03	15.44	15.44	18.03	22.99	29.70	36.00

Maintenance value, horizontal illuminance [lx] (Value chart)

	E_{av}	E_{min}	E_{max}	U_o (g_1)	g_2
Maintenance value, horizontal illuminance	20.0 lx	12.7 lx	36.0 lx	0.64	0.35

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g.

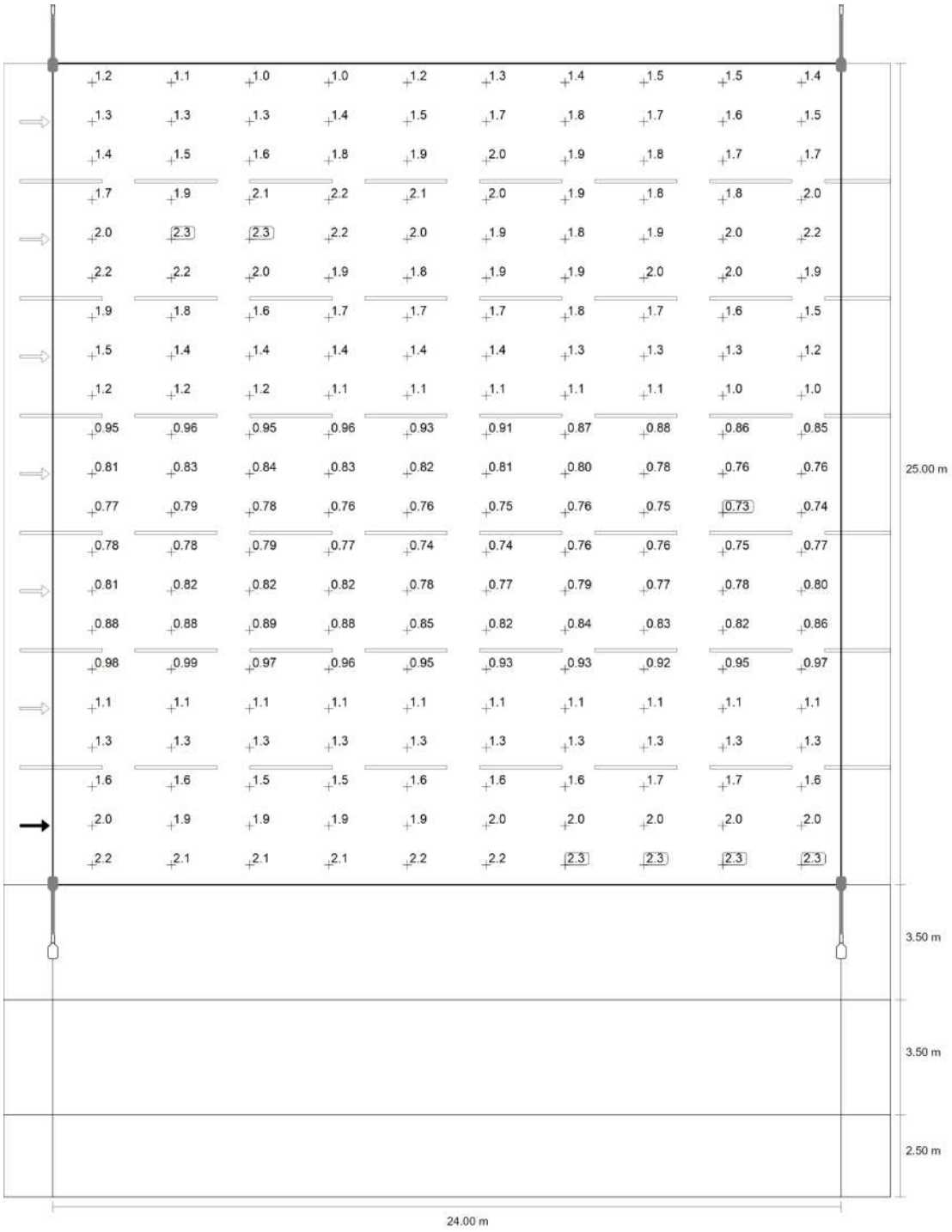
Taikos pr. nuo Sausio 15-osios g. link Bijūnų g. (M3)



Observer 1: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g.

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g. (M3)



Observer 1: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g.

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g. (M3)

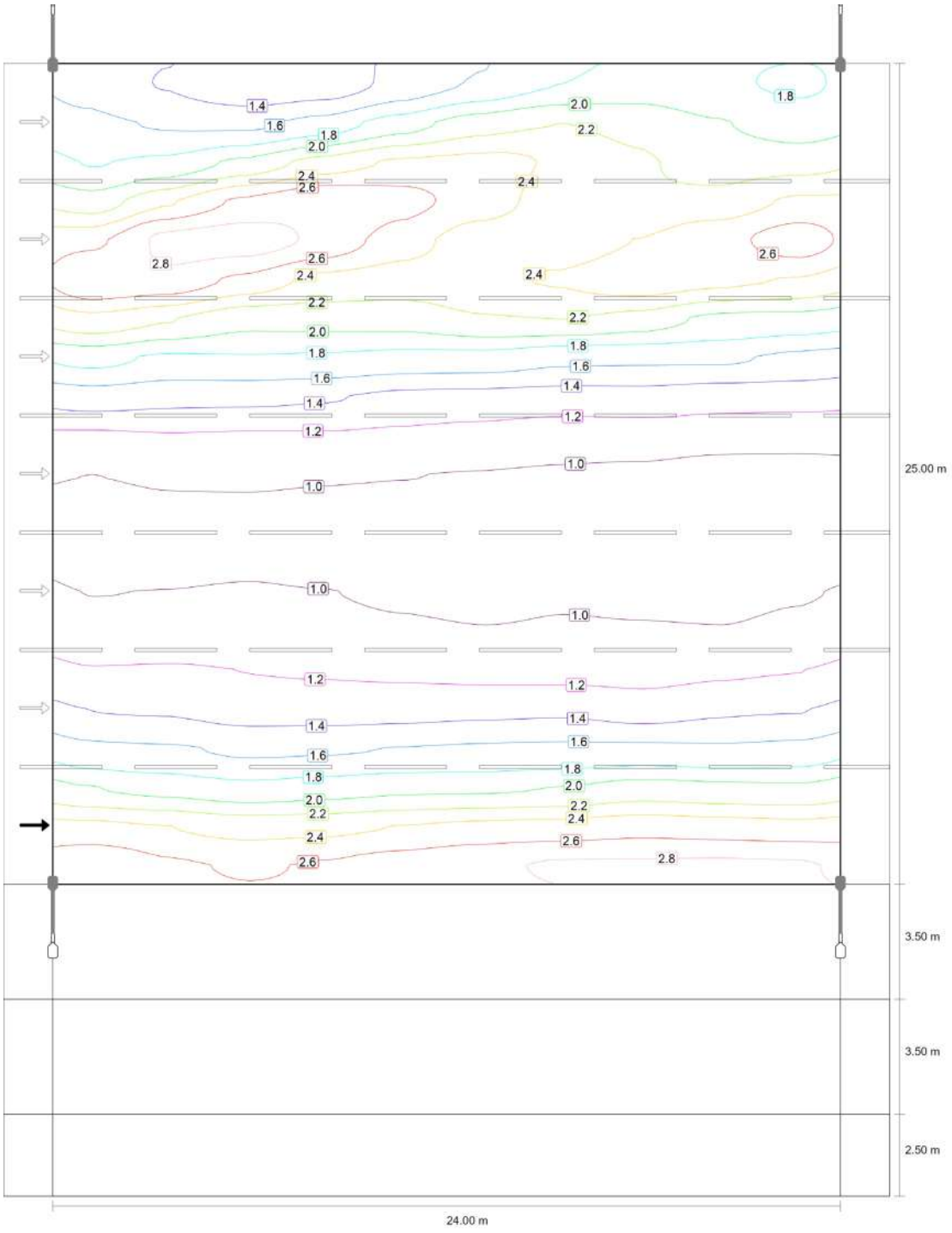
m	1.200	3.600	6.000	8.400	10.800	13.200	15.600	18.000	20.400	22.800
33.905	1.23	1.12	1.02	1.05	1.18	1.31	1.45	1.52	1.48	1.42
32.714	1.33	1.27	1.26	1.36	1.53	1.70	1.76	1.70	1.62	1.54
31.524	1.44	1.49	1.65	1.82	1.95	1.96	1.91	1.78	1.72	1.71
30.333	1.68	1.90	2.12	2.20	2.14	2.00	1.85	1.79	1.82	1.96
29.143	2.04	2.28	2.32	2.21	1.99	1.86	1.84	1.93	2.03	2.16
27.952	2.24	2.20	2.04	1.88	1.84	1.89	1.94	2.03	1.97	1.92
26.762	1.88	1.78	1.65	1.66	1.67	1.75	1.77	1.70	1.57	1.55
25.571	1.50	1.42	1.43	1.42	1.39	1.38	1.32	1.32	1.32	1.25
24.381	1.21	1.17	1.17	1.15	1.09	1.08	1.06	1.06	1.03	1.03
23.190	0.95	0.96	0.95	0.96	0.93	0.91	0.87	0.88	0.86	0.85
22.000	0.81	0.83	0.84	0.83	0.82	0.81	0.80	0.78	0.76	0.76
20.810	0.77	0.79	0.78	0.76	0.76	0.75	0.76	0.75	0.73	0.74
19.619	0.78	0.78	0.79	0.77	0.74	0.74	0.76	0.76	0.75	0.77
18.429	0.81	0.82	0.82	0.82	0.78	0.77	0.79	0.77	0.78	0.80
17.238	0.88	0.88	0.89	0.88	0.85	0.82	0.84	0.83	0.82	0.86
16.048	0.98	0.99	0.97	0.96	0.95	0.93	0.93	0.92	0.95	0.97
14.857	1.13	1.12	1.07	1.07	1.08	1.10	1.11	1.07	1.11	1.12
13.667	1.33	1.31	1.26	1.27	1.29	1.32	1.33	1.33	1.32	1.34
12.476	1.61	1.56	1.50	1.53	1.57	1.58	1.61	1.68	1.65	1.64
11.286	1.97	1.92	1.87	1.88	1.93	1.97	1.99	2.03	2.01	1.99
10.095	2.21	2.11	2.07	2.09	2.15	2.22	2.26	2.26	2.26	2.25

Observer 1: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 1: Maintenance value, luminance with dry roadway	1.37 cd/m²	0.73 cd/m²	2.32 cd/m²	0.54	0.32

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g.

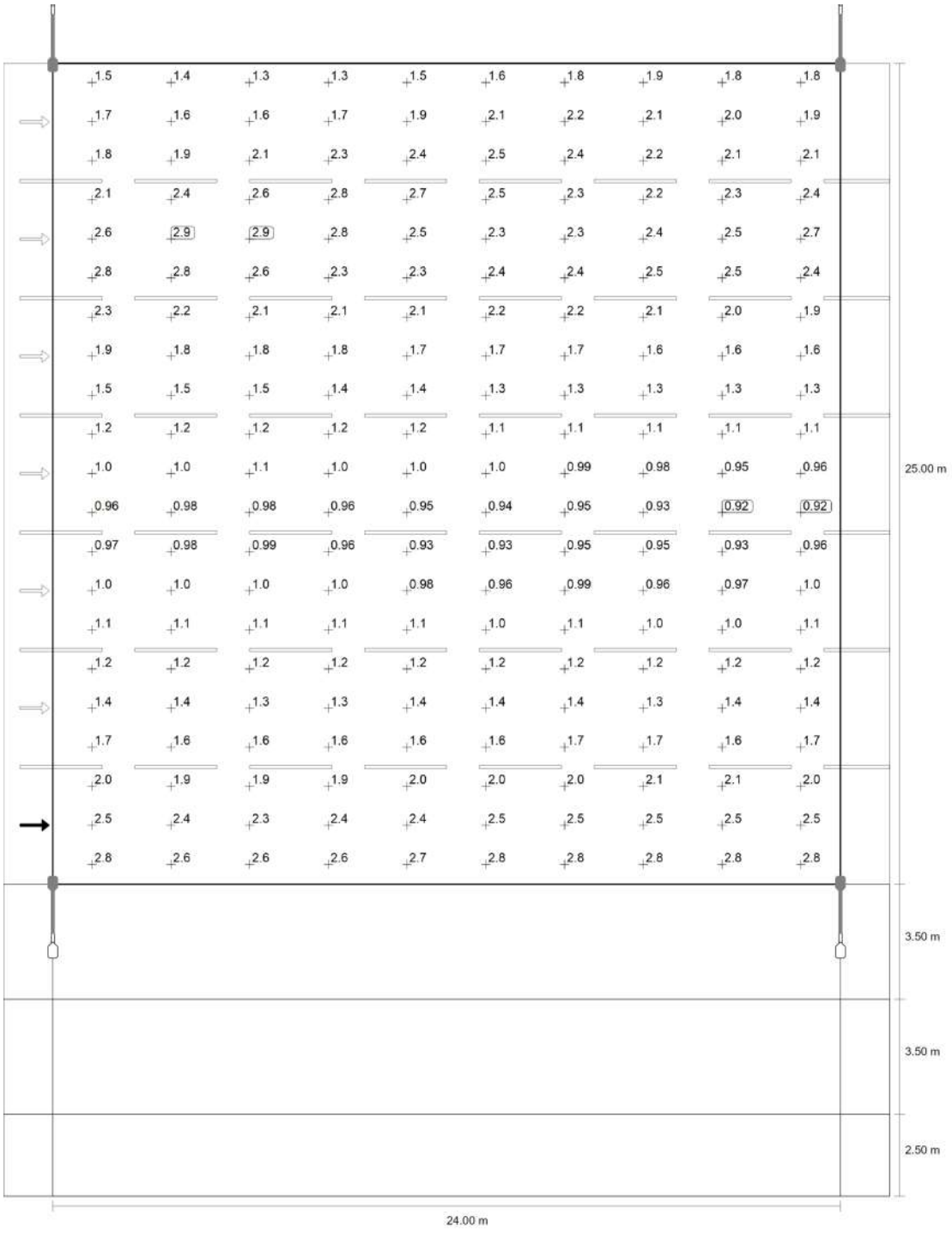
Taikos pr. nuo Sausio 15-osios g. link Bijūnų g. (M3)



Observer 1: Luminance with new installation [cd/m²] (Iso-illuminance curves)

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g.

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g. (M3)



Observer 1: Luminance with new installation [cd/m²] (Value grid)

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g.

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g. (M3)

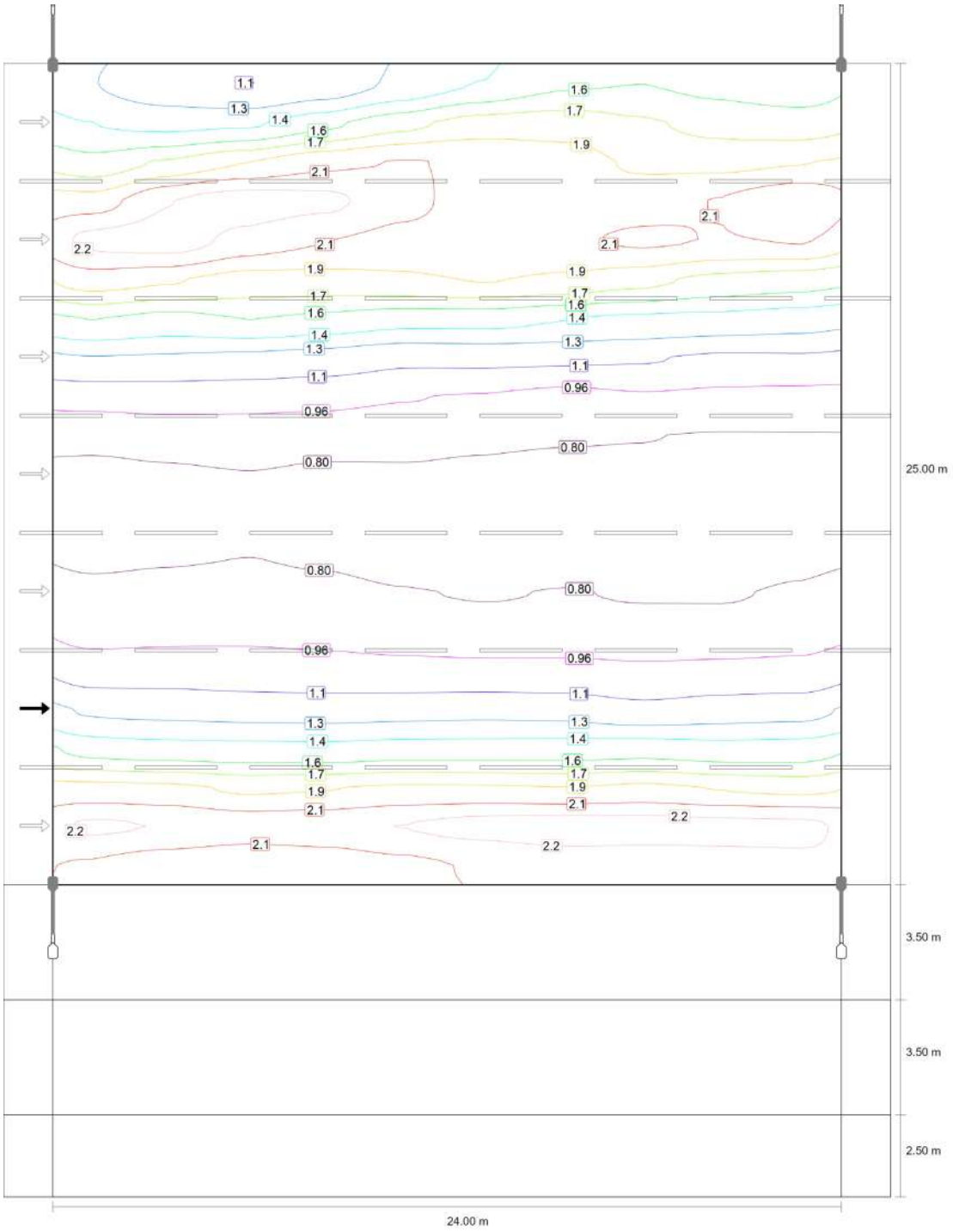
m	1.200	3.600	6.000	8.400	10.800	13.200	15.600	18.000	20.400	22.800
33.905	1.54	1.40	1.28	1.31	1.48	1.64	1.81	1.90	1.85	1.78
32.714	1.66	1.59	1.57	1.70	1.92	2.12	2.21	2.13	2.02	1.92
31.524	1.80	1.87	2.06	2.28	2.44	2.45	2.39	2.23	2.15	2.14
30.333	2.10	2.38	2.64	2.75	2.67	2.50	2.32	2.24	2.27	2.45
29.143	2.55	2.85	2.90	2.76	2.49	2.32	2.30	2.41	2.53	2.70
27.952	2.79	2.75	2.55	2.34	2.30	2.37	2.42	2.53	2.47	2.39
26.762	2.35	2.23	2.06	2.07	2.09	2.19	2.21	2.12	1.96	1.94
25.571	1.87	1.78	1.79	1.78	1.74	1.73	1.65	1.64	1.65	1.56
24.381	1.51	1.47	1.46	1.43	1.37	1.35	1.33	1.33	1.29	1.29
23.190	1.18	1.20	1.19	1.19	1.17	1.13	1.09	1.10	1.08	1.06
22.000	1.02	1.04	1.05	1.04	1.02	1.01	0.99	0.98	0.95	0.96
20.810	0.96	0.98	0.98	0.96	0.95	0.94	0.95	0.93	0.92	0.92
19.619	0.97	0.98	0.99	0.96	0.93	0.93	0.95	0.95	0.93	0.96
18.429	1.01	1.02	1.03	1.02	0.98	0.96	0.99	0.96	0.97	1.00
17.238	1.10	1.10	1.12	1.10	1.07	1.03	1.05	1.04	1.03	1.07
16.048	1.23	1.24	1.21	1.20	1.18	1.17	1.16	1.15	1.19	1.21
14.857	1.41	1.40	1.34	1.34	1.35	1.37	1.39	1.34	1.39	1.41
13.667	1.67	1.64	1.58	1.59	1.62	1.65	1.66	1.66	1.65	1.68
12.476	2.02	1.94	1.87	1.92	1.97	1.97	2.01	2.10	2.07	2.05
11.286	2.46	2.41	2.33	2.35	2.41	2.46	2.49	2.53	2.51	2.48
10.095	2.76	2.64	2.59	2.62	2.69	2.77	2.82	2.82	2.83	2.82

Observer 1: Luminance with new installation [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 1: Luminance with new installation	1.71 cd/m²	0.92 cd/m²	2.90 cd/m²	0.54	0.32

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g.

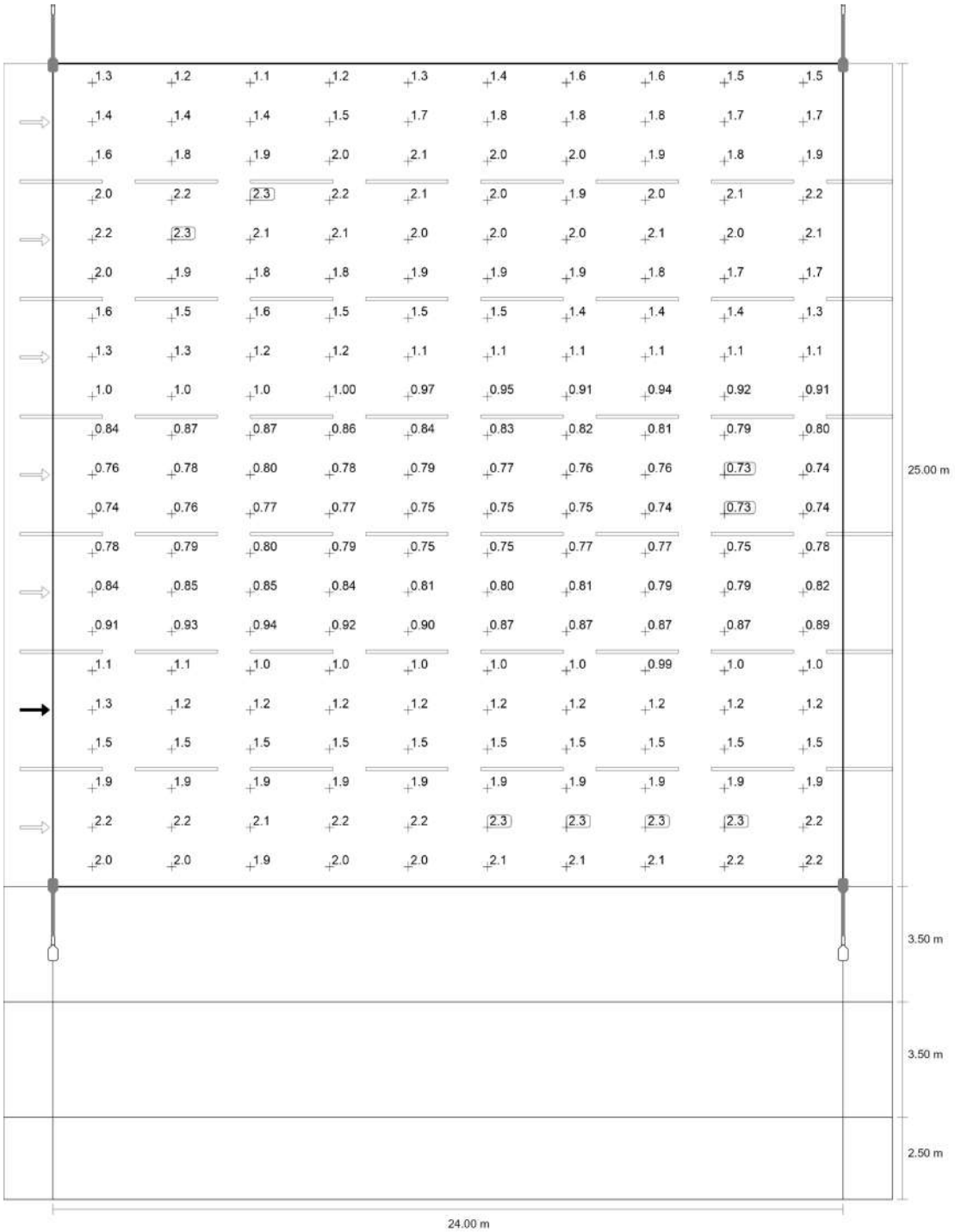
Taikos pr. nuo Sausio 15-osios g. link Bijūnų g. (M3)



Observer 2: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g.

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g. (M3)



Observer 2: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g.

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g. (M3)

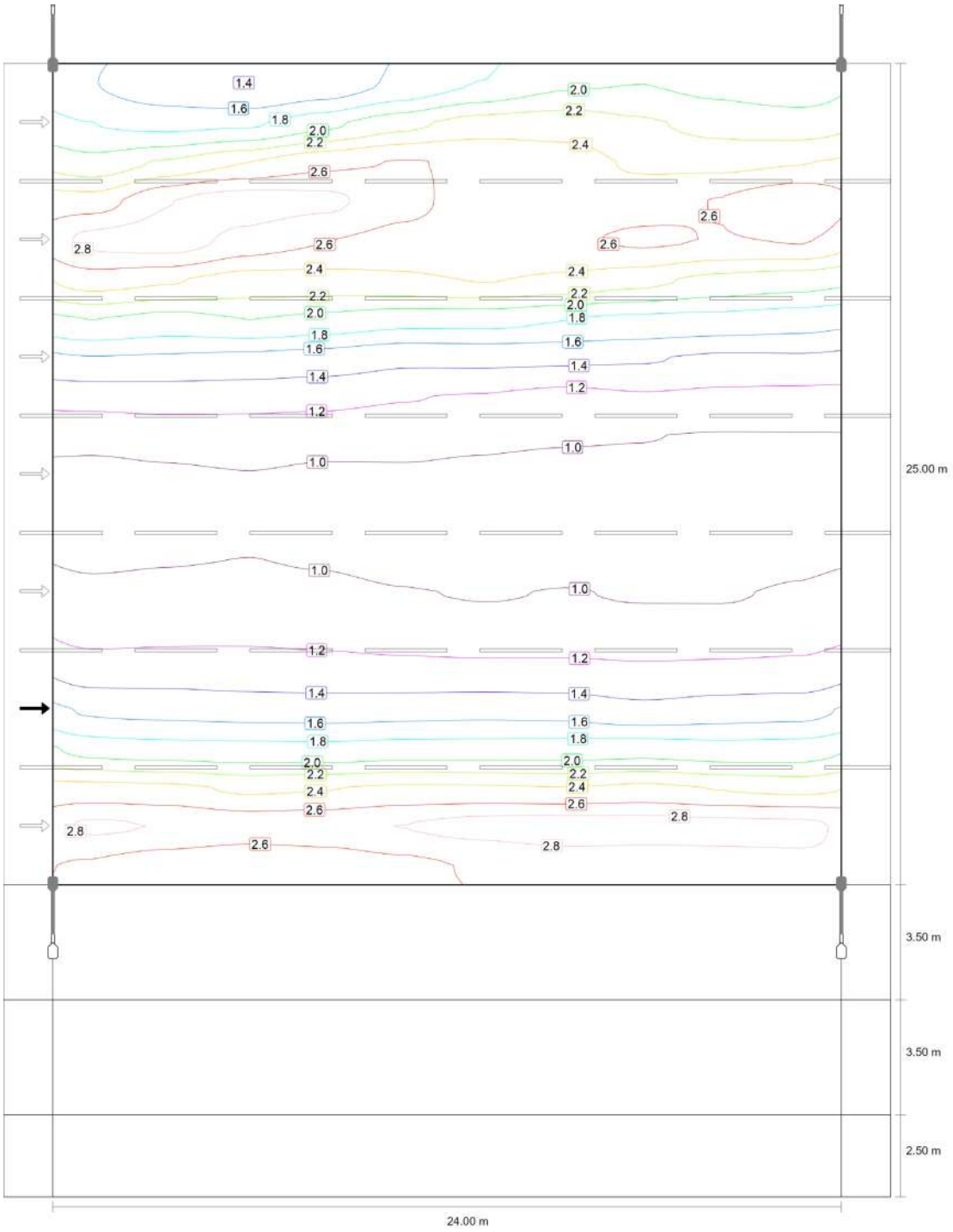
m	1.200	3.600	6.000	8.400	10.800	13.200	15.600	18.000	20.400	22.800
33.905	1.28	1.18	1.11	1.17	1.30	1.43	1.56	1.58	1.53	1.48
32.714	1.43	1.39	1.40	1.54	1.69	1.81	1.82	1.76	1.70	1.67
31.524	1.64	1.76	1.89	2.01	2.06	2.03	1.96	1.87	1.85	1.88
30.333	1.97	2.20	2.27	2.24	2.10	1.98	1.91	1.98	2.06	2.16
29.143	2.24	2.28	2.15	2.06	1.98	2.00	2.02	2.07	2.04	2.06
27.952	1.97	1.92	1.82	1.83	1.86	1.91	1.86	1.79	1.69	1.65
26.762	1.59	1.52	1.59	1.54	1.48	1.48	1.43	1.39	1.37	1.34
25.571	1.27	1.25	1.23	1.20	1.14	1.15	1.14	1.13	1.09	1.09
24.381	1.01	1.02	1.01	1.00	0.97	0.95	0.91	0.94	0.92	0.91
23.190	0.84	0.87	0.87	0.86	0.84	0.83	0.82	0.81	0.79	0.80
22.000	0.76	0.78	0.80	0.78	0.79	0.77	0.76	0.76	0.73	0.74
20.810	0.74	0.76	0.77	0.77	0.75	0.75	0.75	0.74	0.73	0.74
19.619	0.78	0.79	0.80	0.79	0.75	0.75	0.77	0.77	0.75	0.78
18.429	0.84	0.85	0.85	0.84	0.81	0.80	0.81	0.79	0.79	0.82
17.238	0.91	0.93	0.94	0.92	0.90	0.87	0.87	0.87	0.87	0.89
16.048	1.05	1.06	1.03	1.03	1.02	1.02	1.01	0.99	1.01	1.02
14.857	1.25	1.24	1.22	1.21	1.22	1.24	1.22	1.17	1.21	1.22
13.667	1.53	1.50	1.49	1.48	1.51	1.51	1.51	1.53	1.50	1.51
12.476	1.95	1.93	1.87	1.89	1.92	1.92	1.90	1.93	1.88	1.85
11.286	2.23	2.20	2.14	2.15	2.21	2.26	2.28	2.27	2.25	2.24
10.095	2.03	1.97	1.94	1.97	2.01	2.06	2.12	2.13	2.16	2.18

Observer 2: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 2: Maintenance value, luminance with dry roadway	1.39 cd/m²	0.73 cd/m²	2.28 cd/m²	0.52	0.32

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g.

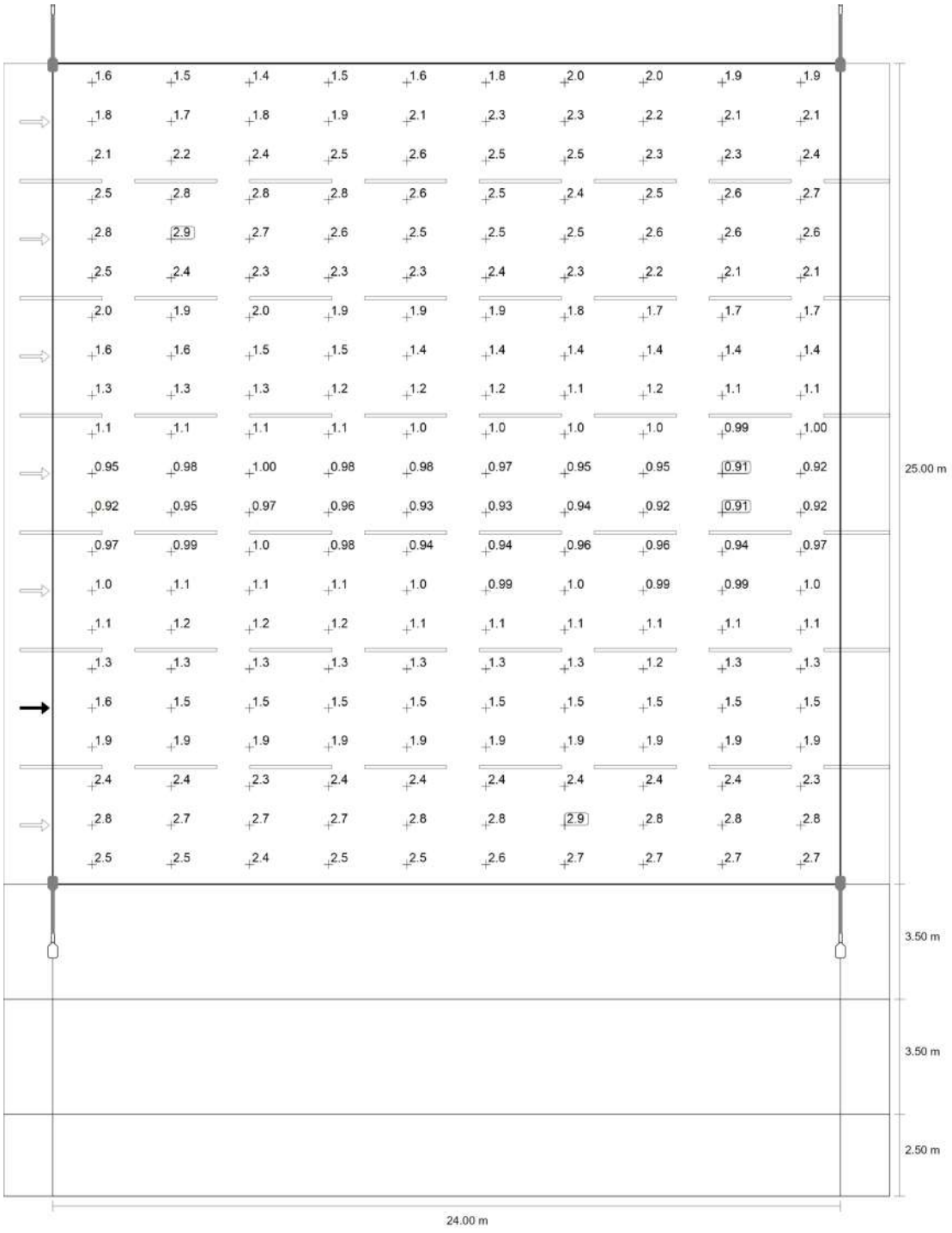
Taikos pr. nuo Sausio 15-osios g. link Bijūnų g. (M3)



Observer 2: Luminance with new installation [cd/m²] (Iso-illuminance curves)

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g.

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g. (M3)



Observer 2: Luminance with new installation [cd/m²] (Value grid)

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g.

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g. (M3)

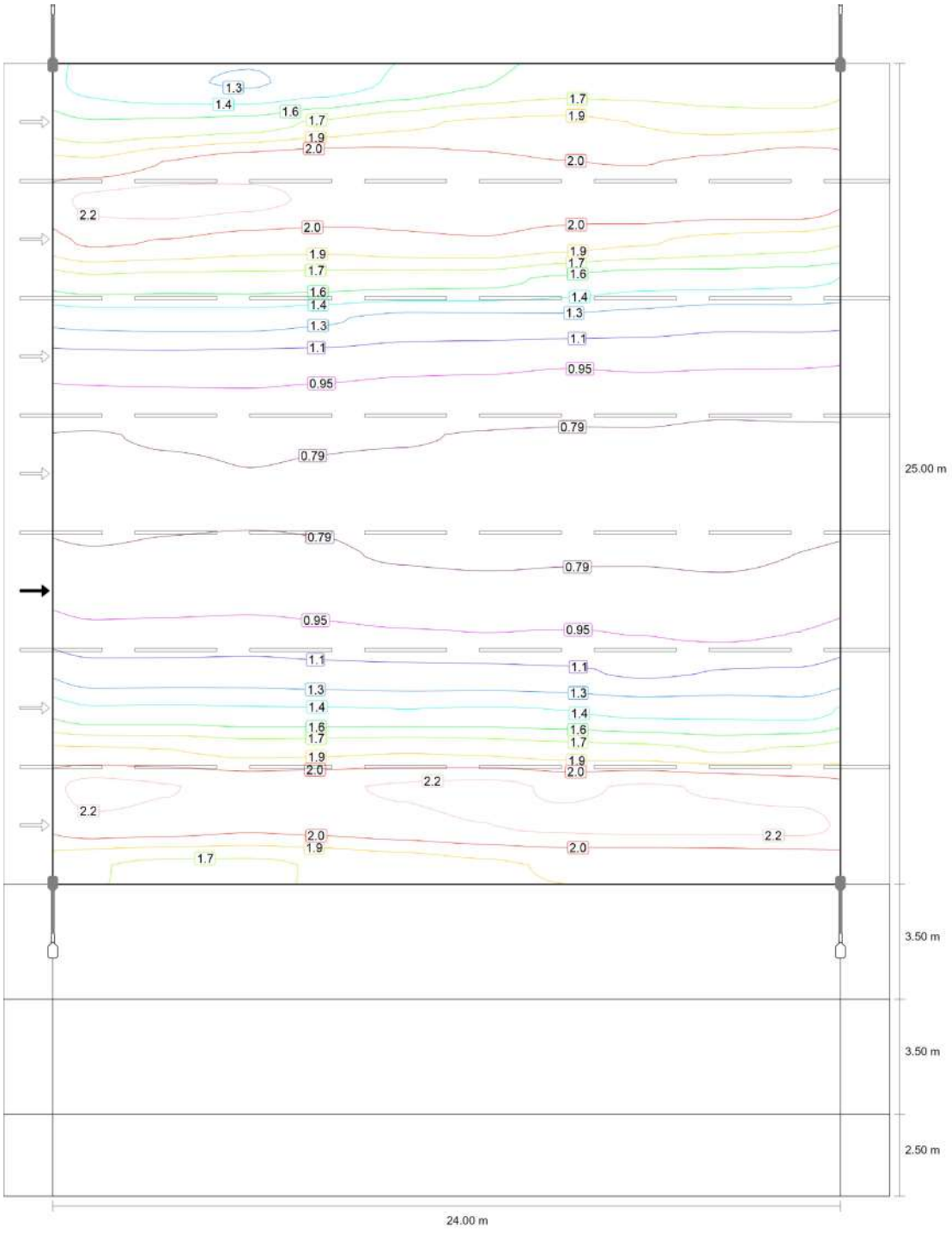
m	1.200	3.600	6.000	8.400	10.800	13.200	15.600	18.000	20.400	22.800
33.905	1.60	1.47	1.39	1.46	1.63	1.79	1.95	1.98	1.92	1.85
32.714	1.78	1.73	1.75	1.93	2.11	2.26	2.28	2.20	2.12	2.09
31.524	2.06	2.20	2.36	2.51	2.57	2.53	2.45	2.34	2.31	2.36
30.333	2.47	2.75	2.83	2.80	2.63	2.47	2.39	2.48	2.57	2.71
29.143	2.81	2.86	2.69	2.57	2.48	2.50	2.53	2.59	2.55	2.58
27.952	2.46	2.39	2.28	2.28	2.33	2.38	2.32	2.24	2.12	2.06
26.762	1.98	1.91	1.98	1.92	1.85	1.85	1.79	1.74	1.72	1.67
25.571	1.58	1.56	1.54	1.50	1.43	1.44	1.43	1.41	1.36	1.37
24.381	1.26	1.27	1.26	1.24	1.21	1.19	1.14	1.18	1.15	1.14
23.190	1.05	1.09	1.09	1.08	1.05	1.03	1.02	1.01	0.99	1.00
22.000	0.95	0.98	1.00	0.98	0.98	0.97	0.95	0.95	0.91	0.92
20.810	0.92	0.95	0.97	0.96	0.93	0.93	0.94	0.92	0.91	0.92
19.619	0.97	0.99	1.00	0.98	0.94	0.94	0.96	0.96	0.94	0.97
18.429	1.05	1.06	1.06	1.05	1.02	0.99	1.01	0.99	0.99	1.02
17.238	1.14	1.16	1.17	1.15	1.12	1.09	1.09	1.09	1.08	1.11
16.048	1.32	1.32	1.29	1.28	1.27	1.27	1.27	1.24	1.26	1.27
14.857	1.56	1.54	1.53	1.52	1.53	1.54	1.53	1.46	1.51	1.52
13.667	1.91	1.87	1.86	1.85	1.88	1.88	1.89	1.91	1.87	1.88
12.476	2.43	2.41	2.33	2.36	2.40	2.40	2.37	2.42	2.36	2.32
11.286	2.79	2.75	2.67	2.69	2.76	2.83	2.85	2.84	2.81	2.80
10.095	2.54	2.46	2.43	2.46	2.52	2.58	2.66	2.67	2.70	2.72

Observer 2: Luminance with new installation [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 2: Luminance with new installation	1.74 cd/m²	0.91 cd/m²	2.86 cd/m²	0.52	0.32

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g.

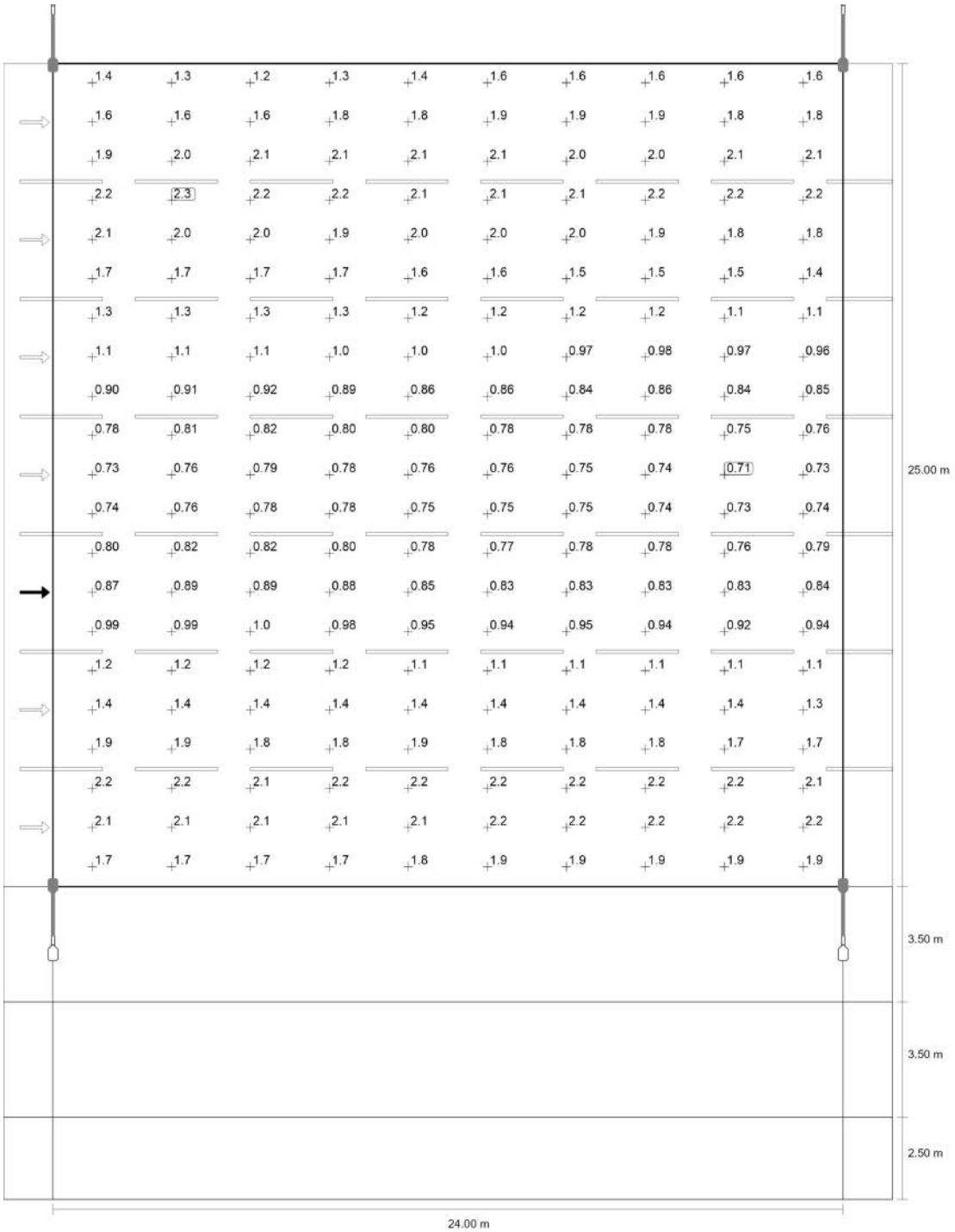
Taikos pr. nuo Sausio 15-osios g. link Bijūnų g. (M3)



Observer 3: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g.

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g. (M3)



Observer 3: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g.

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g. (M3)

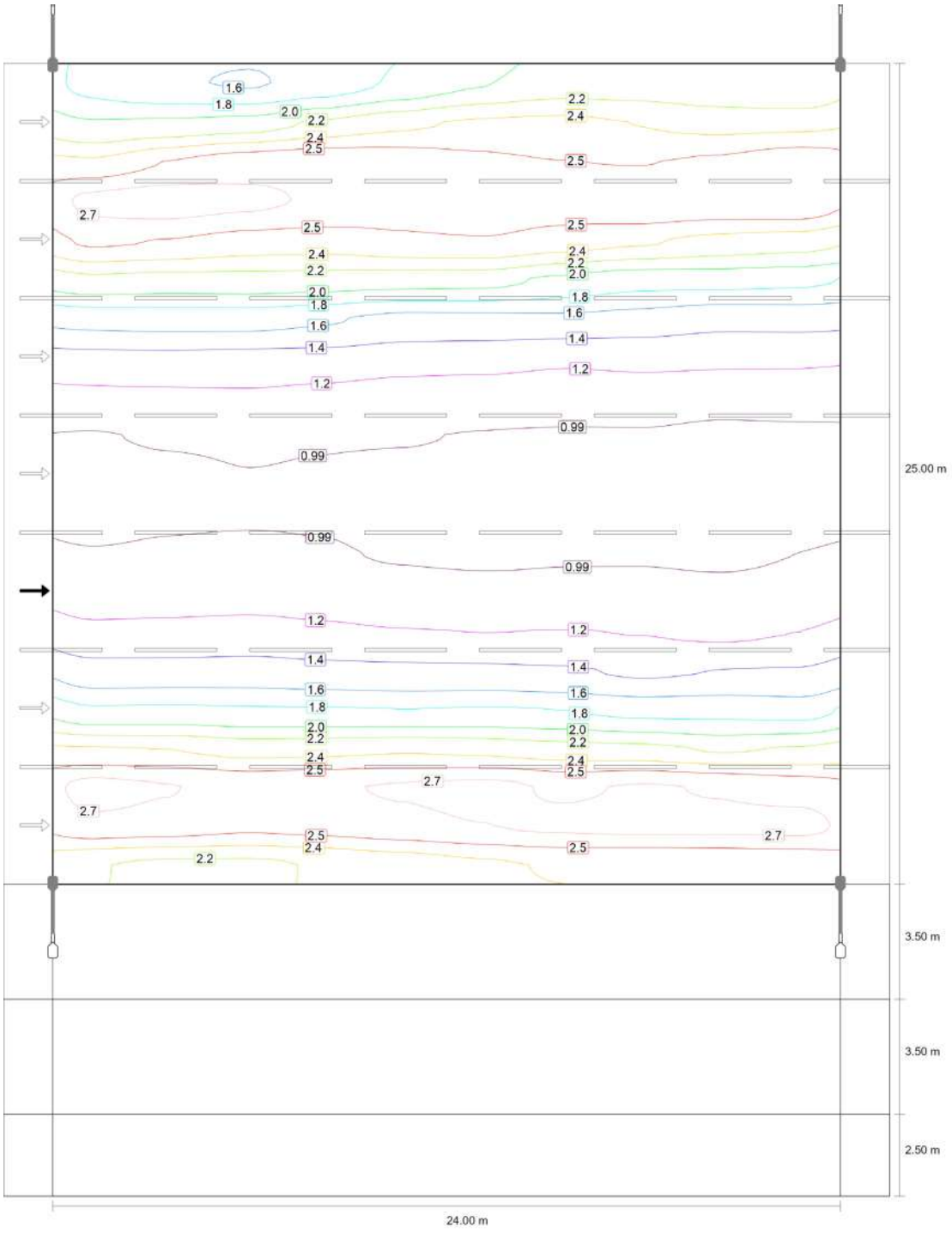
m	1.200	3.600	6.000	8.400	10.800	13.200	15.600	18.000	20.400	22.800
33.905	1.37	1.28	1.24	1.32	1.44	1.56	1.64	1.64	1.61	1.57
32.714	1.59	1.60	1.64	1.75	1.84	1.90	1.92	1.88	1.83	1.84
31.524	1.91	2.04	2.13	2.14	2.11	2.07	2.04	2.03	2.07	2.13
30.333	2.23	2.27	2.23	2.17	2.11	2.11	2.10	2.15	2.16	2.18
29.143	2.07	2.03	1.97	1.95	2.00	2.03	1.97	1.91	1.83	1.80
27.952	1.68	1.66	1.66	1.65	1.63	1.62	1.54	1.47	1.47	1.45
26.762	1.31	1.32	1.32	1.28	1.21	1.22	1.22	1.19	1.14	1.15
25.571	1.06	1.06	1.05	1.05	1.01	1.00	0.97	0.98	0.97	0.96
24.381	0.90	0.91	0.92	0.89	0.86	0.86	0.84	0.86	0.84	0.85
23.190	0.78	0.81	0.82	0.80	0.80	0.78	0.78	0.78	0.75	0.76
22.000	0.73	0.76	0.79	0.78	0.76	0.76	0.75	0.74	0.71	0.73
20.810	0.74	0.76	0.78	0.78	0.75	0.75	0.75	0.74	0.73	0.74
19.619	0.80	0.82	0.82	0.80	0.78	0.77	0.78	0.78	0.76	0.79
18.429	0.87	0.89	0.89	0.88	0.85	0.83	0.83	0.83	0.83	0.84
17.238	0.99	0.99	1.00	0.98	0.95	0.94	0.95	0.94	0.92	0.94
16.048	1.17	1.17	1.18	1.16	1.14	1.14	1.12	1.07	1.10	1.11
14.857	1.44	1.44	1.43	1.43	1.41	1.43	1.41	1.37	1.37	1.35
13.667	1.89	1.88	1.82	1.83	1.86	1.83	1.79	1.77	1.70	1.74
12.476	2.24	2.20	2.15	2.18	2.20	2.23	2.17	2.21	2.18	2.13
11.286	2.14	2.12	2.07	2.10	2.14	2.19	2.22	2.24	2.23	2.25
10.095	1.74	1.70	1.69	1.74	1.79	1.85	1.89	1.89	1.91	1.92

Observer 3: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 3: Maintenance value, luminance with dry roadway	1.41 cd/m²	0.71 cd/m²	2.27 cd/m²	0.51	0.31

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g.

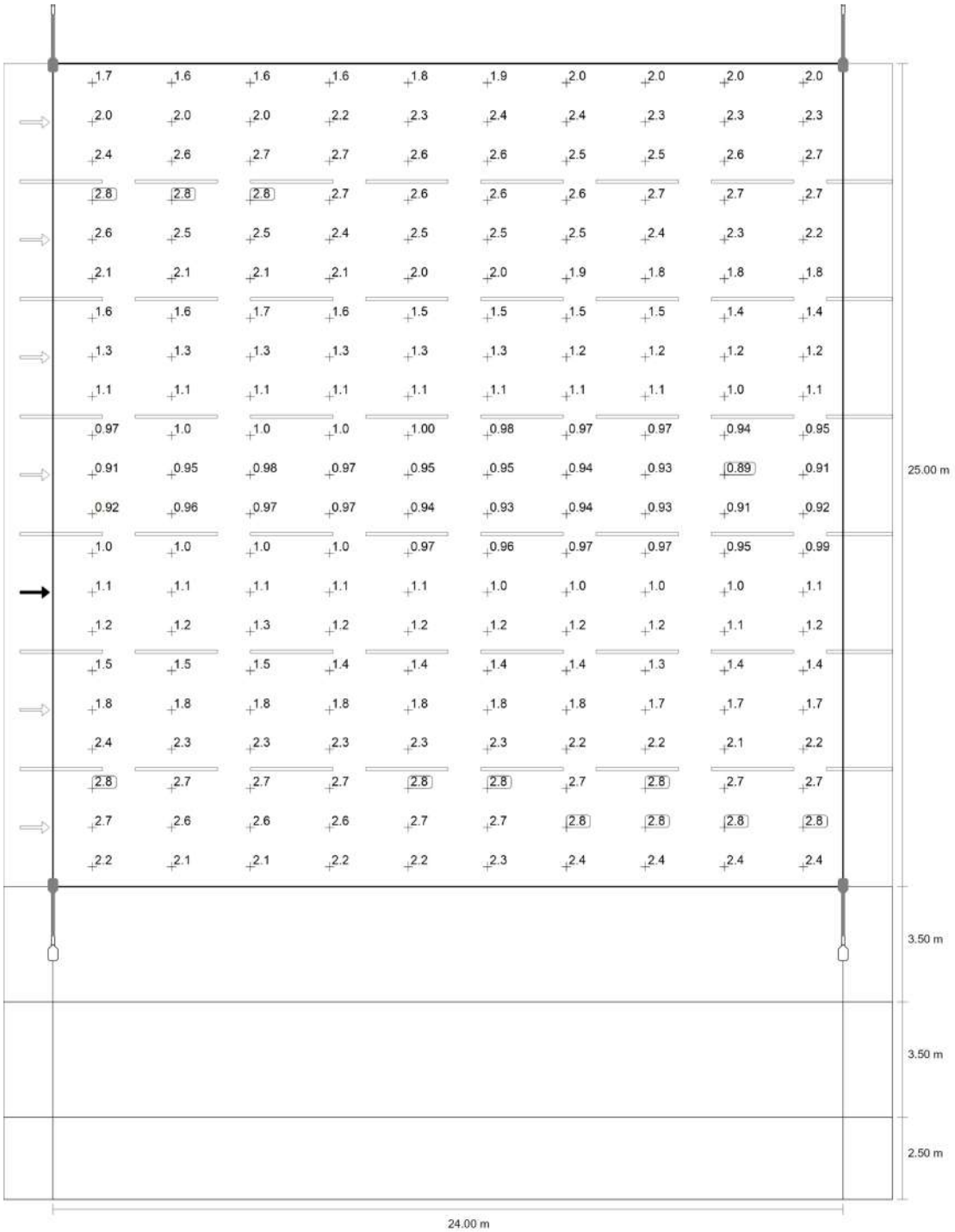
Taikos pr. nuo Sausio 15-osios g. link Bijūnų g. (M3)



Observer 3: Luminance with new installation [cd/m²] (Iso-illuminance curves)

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g.

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g. (M3)



Observer 3: Luminance with new installation [cd/m²] (Value grid)

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g.

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g. (M3)

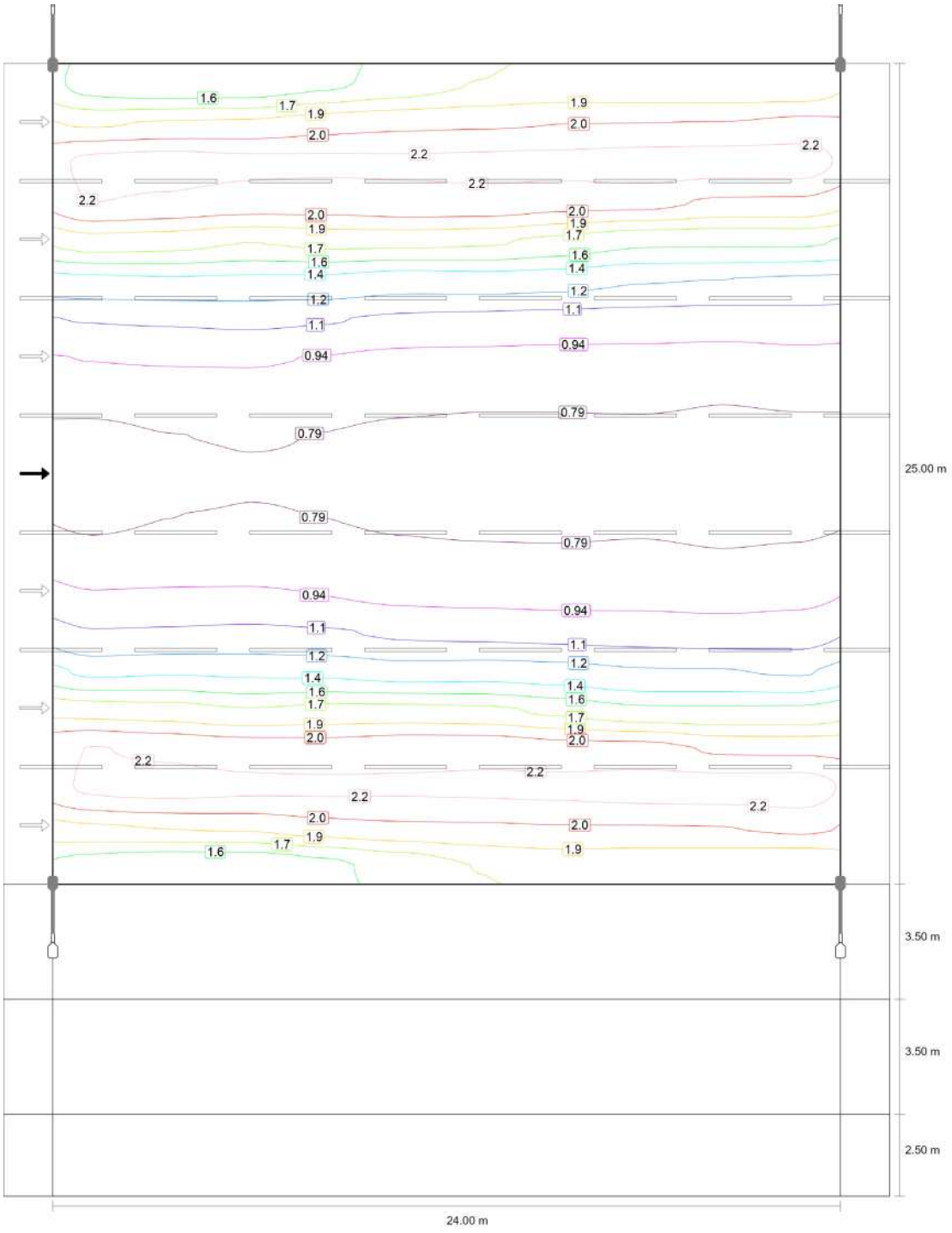
m	1.200	3.600	6.000	8.400	10.800	13.200	15.600	18.000	20.400	22.800
33.905	1.71	1.60	1.55	1.65	1.80	1.95	2.05	2.05	2.01	1.97
32.714	1.98	2.00	2.05	2.19	2.31	2.38	2.40	2.34	2.29	2.29
31.524	2.39	2.55	2.66	2.68	2.64	2.59	2.55	2.54	2.58	2.67
30.333	2.78	2.84	2.79	2.71	2.63	2.63	2.63	2.69	2.70	2.72
29.143	2.58	2.54	2.46	2.44	2.50	2.53	2.46	2.39	2.29	2.25
27.952	2.10	2.07	2.08	2.06	2.04	2.03	1.92	1.83	1.83	1.81
26.762	1.63	1.65	1.65	1.60	1.52	1.52	1.53	1.49	1.43	1.44
25.571	1.32	1.33	1.31	1.31	1.27	1.25	1.21	1.23	1.22	1.21
24.381	1.12	1.14	1.15	1.12	1.08	1.07	1.05	1.07	1.05	1.07
23.190	0.97	1.01	1.02	1.00	1.00	0.98	0.97	0.97	0.94	0.95
22.000	0.91	0.95	0.98	0.97	0.95	0.95	0.94	0.93	0.89	0.91
20.810	0.92	0.96	0.97	0.97	0.94	0.93	0.94	0.93	0.91	0.92
19.619	1.00	1.02	1.03	1.00	0.97	0.96	0.97	0.97	0.95	0.99
18.429	1.09	1.11	1.11	1.10	1.07	1.04	1.04	1.04	1.04	1.05
17.238	1.23	1.23	1.25	1.22	1.19	1.18	1.18	1.18	1.15	1.18
16.048	1.46	1.46	1.47	1.44	1.43	1.42	1.40	1.34	1.38	1.39
14.857	1.80	1.81	1.79	1.78	1.76	1.78	1.76	1.71	1.71	1.69
13.667	2.36	2.35	2.27	2.29	2.32	2.29	2.24	2.21	2.13	2.17
12.476	2.80	2.75	2.69	2.72	2.76	2.78	2.72	2.76	2.72	2.67
11.286	2.68	2.65	2.59	2.62	2.67	2.73	2.78	2.80	2.79	2.81
10.095	2.17	2.12	2.12	2.17	2.24	2.31	2.37	2.37	2.39	2.40

Observer 3: Luminance with new installation [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 3: Luminance with new installation	1.76 cd/m²	0.89 cd/m²	2.84 cd/m²	0.51	0.31

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g.

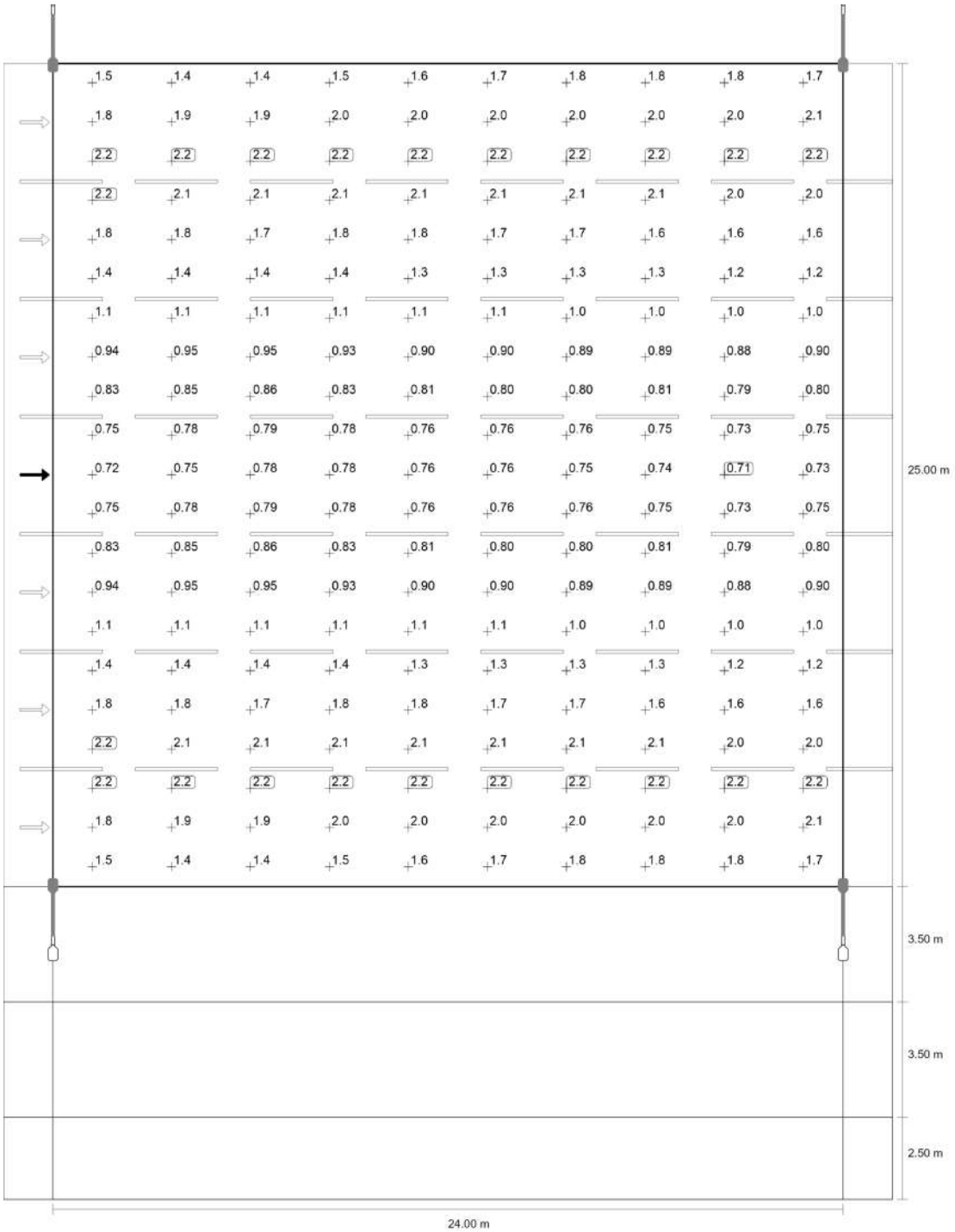
Taikos pr. nuo Sausio 15-osios g. link Bijūnų g. (M3)



Observer 4: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g.

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g. (M3)



Observer 4: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g.

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g. (M3)

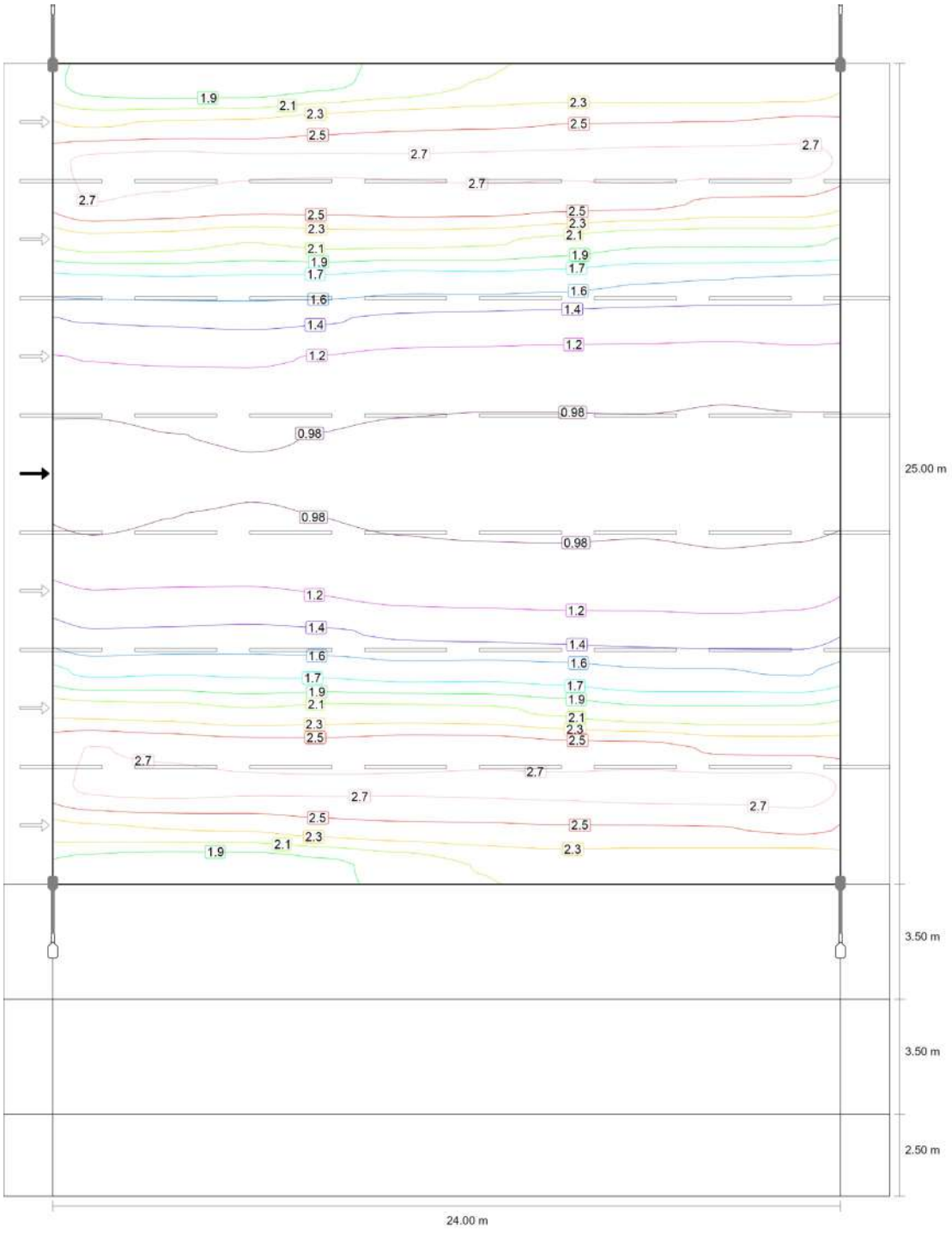
m	1.200	3.600	6.000	8.400	10.800	13.200	15.600	18.000	20.400	22.800
33.905	1.48	1.44	1.44	1.52	1.61	1.72	1.77	1.76	1.76	1.74
32.714	1.84	1.87	1.89	1.95	1.98	1.99	2.01	2.01	2.02	2.06
31.524	2.20	2.22	2.20	2.19	2.19	2.20	2.21	2.23	2.24	2.24
30.333	2.17	2.14	2.10	2.09	2.12	2.12	2.08	2.07	1.99	1.99
29.143	1.80	1.77	1.71	1.75	1.75	1.74	1.67	1.58	1.58	1.58
27.952	1.36	1.38	1.37	1.36	1.32	1.33	1.31	1.26	1.25	1.23
26.762	1.10	1.11	1.13	1.10	1.07	1.05	1.04	1.03	1.01	1.03
25.571	0.94	0.95	0.95	0.93	0.90	0.90	0.89	0.89	0.88	0.90
24.381	0.83	0.85	0.86	0.83	0.81	0.80	0.80	0.81	0.79	0.80
23.190	0.75	0.78	0.79	0.78	0.76	0.76	0.76	0.75	0.73	0.75
22.000	0.72	0.75	0.78	0.78	0.76	0.76	0.75	0.74	0.71	0.73
20.810	0.75	0.78	0.79	0.78	0.76	0.76	0.76	0.75	0.73	0.75
19.619	0.83	0.85	0.86	0.83	0.81	0.80	0.80	0.81	0.79	0.80
18.429	0.94	0.95	0.95	0.93	0.90	0.90	0.89	0.89	0.88	0.90
17.238	1.10	1.11	1.13	1.10	1.07	1.05	1.04	1.03	1.01	1.03
16.048	1.36	1.38	1.37	1.36	1.32	1.33	1.31	1.26	1.25	1.23
14.857	1.80	1.77	1.71	1.75	1.75	1.74	1.67	1.58	1.58	1.58
13.667	2.17	2.14	2.10	2.09	2.12	2.12	2.08	2.07	1.99	1.99
12.476	2.20	2.22	2.20	2.19	2.19	2.20	2.21	2.23	2.24	2.24
11.286	1.84	1.87	1.89	1.95	1.98	1.99	2.01	2.01	2.02	2.06
10.095	1.48	1.44	1.44	1.52	1.61	1.72	1.77	1.76	1.76	1.74

Observer 4: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 4: Maintenance value, luminance with dry roadway	1.41 cd/m²	0.71 cd/m²	2.24 cd/m²	0.50	0.32

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g.

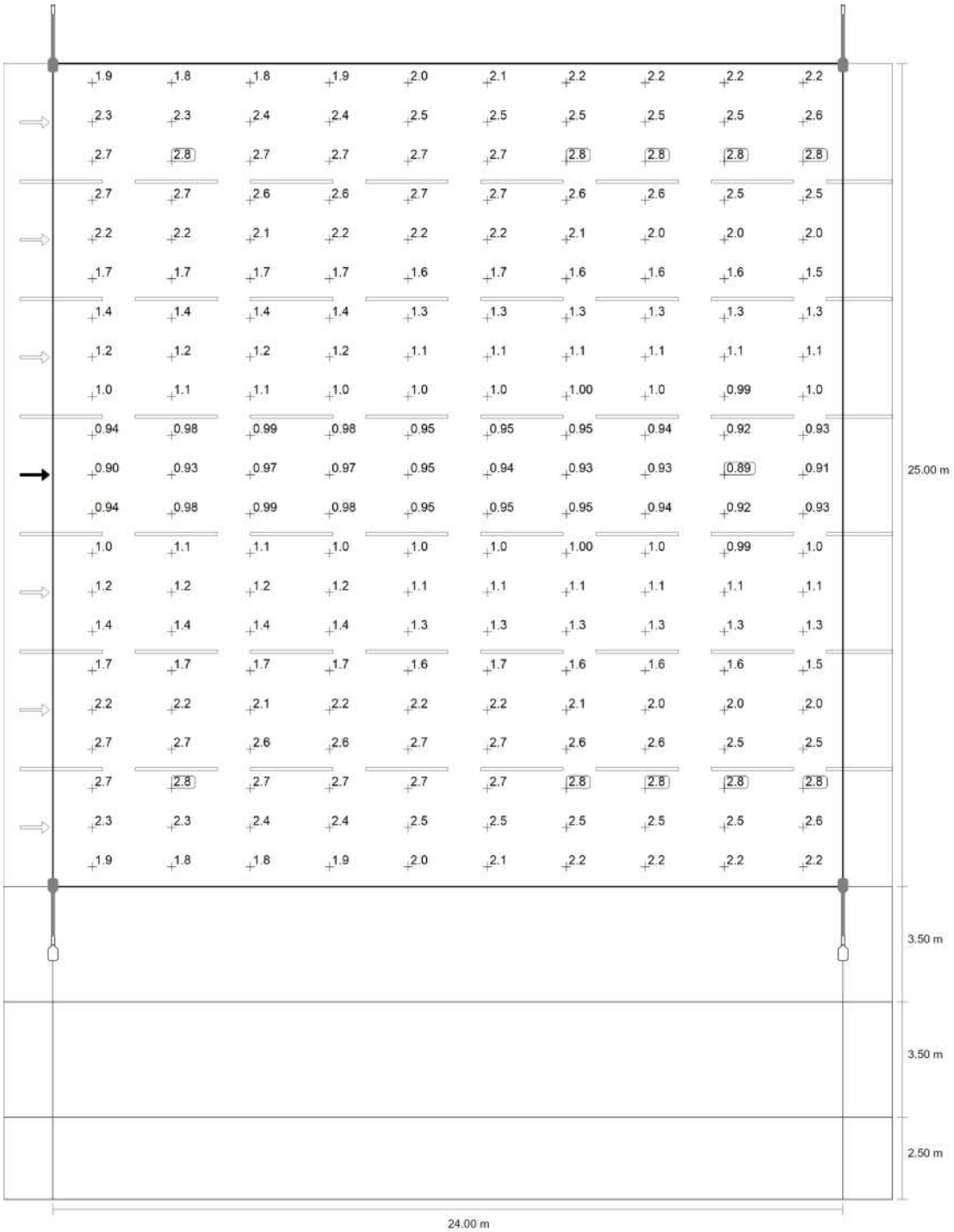
Taikos pr. nuo Sausio 15-osios g. link Bijūnų g. (M3)



Observer 4: Luminance with new installation [cd/m²] (Iso-illuminance curves)

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g.

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g. (M3)



Observer 4: Luminance with new installation [cd/m²] (Value grid)

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g.

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g. (M3)

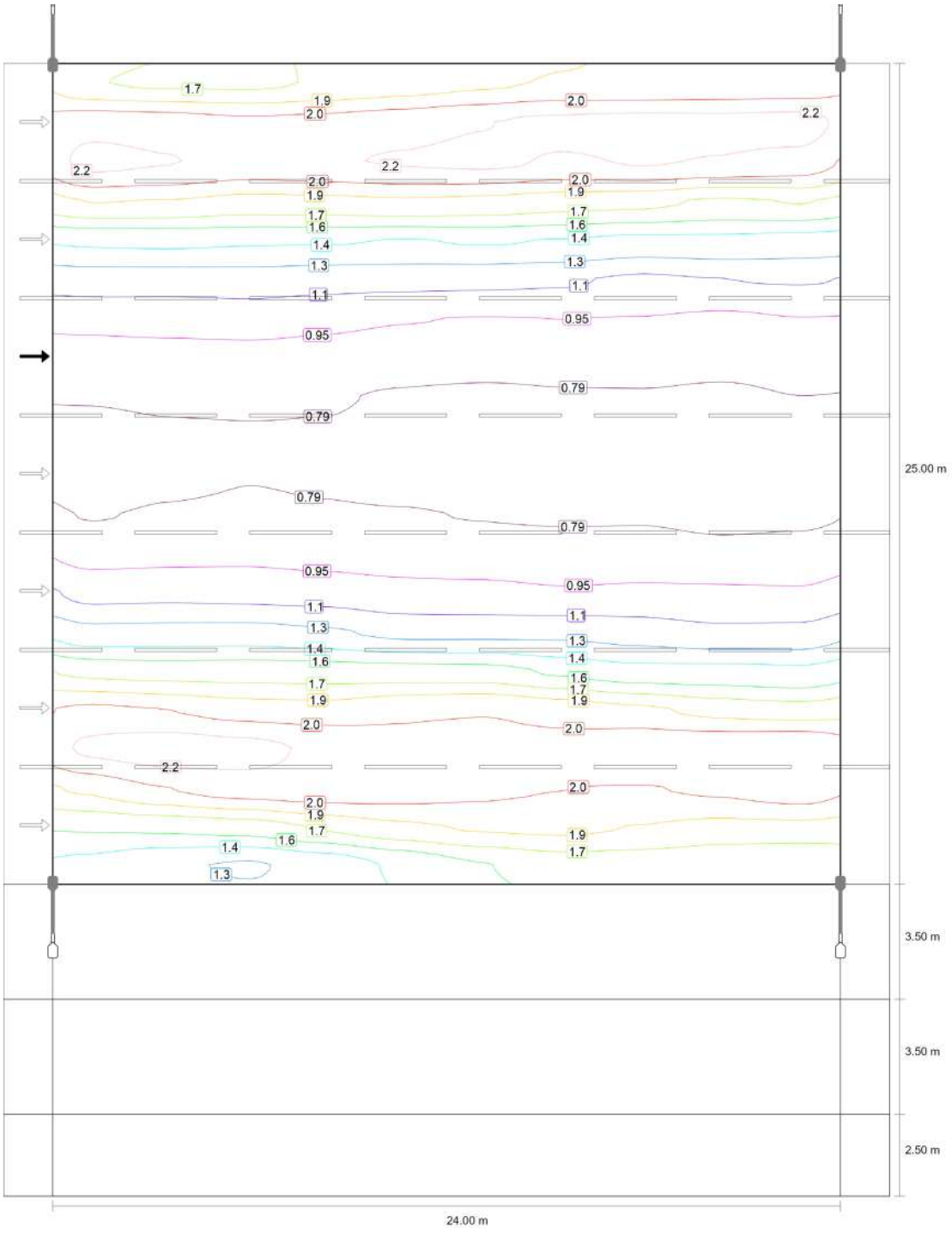
m	1.200	3.600	6.000	8.400	10.800	13.200	15.600	18.000	20.400	22.800
33.905	1.86	1.80	1.80	1.90	2.02	2.14	2.21	2.20	2.19	2.17
32.714	2.30	2.34	2.36	2.44	2.48	2.49	2.51	2.51	2.52	2.57
31.524	2.75	2.78	2.75	2.74	2.73	2.75	2.76	2.79	2.80	2.81
30.333	2.72	2.67	2.63	2.61	2.65	2.65	2.60	2.59	2.49	2.48
29.143	2.25	2.22	2.14	2.19	2.19	2.17	2.08	1.98	1.97	1.98
27.952	1.70	1.73	1.71	1.70	1.64	1.66	1.63	1.57	1.56	1.53
26.762	1.37	1.39	1.41	1.38	1.33	1.32	1.30	1.29	1.27	1.28
25.571	1.18	1.19	1.19	1.17	1.13	1.12	1.11	1.11	1.10	1.12
24.381	1.04	1.06	1.07	1.04	1.02	1.00	1.00	1.01	0.99	1.01
23.190	0.94	0.98	0.99	0.98	0.95	0.95	0.95	0.94	0.92	0.93
22.000	0.90	0.93	0.97	0.97	0.95	0.94	0.93	0.93	0.89	0.91
20.810	0.94	0.98	0.99	0.98	0.95	0.95	0.95	0.94	0.92	0.93
19.619	1.04	1.06	1.07	1.04	1.02	1.00	1.00	1.01	0.99	1.01
18.429	1.18	1.19	1.19	1.17	1.13	1.12	1.11	1.11	1.10	1.12
17.238	1.37	1.39	1.41	1.38	1.33	1.32	1.30	1.29	1.27	1.28
16.048	1.70	1.73	1.71	1.70	1.64	1.66	1.63	1.57	1.56	1.53
14.857	2.25	2.22	2.14	2.19	2.19	2.17	2.08	1.98	1.97	1.98
13.667	2.72	2.67	2.63	2.61	2.65	2.65	2.60	2.59	2.49	2.48
12.476	2.75	2.78	2.75	2.74	2.73	2.75	2.76	2.79	2.80	2.81
11.286	2.30	2.34	2.36	2.44	2.48	2.49	2.51	2.51	2.52	2.57
10.095	1.86	1.80	1.80	1.90	2.02	2.14	2.21	2.20	2.19	2.17

Observer 4: Luminance with new installation [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 4: Luminance with new installation	1.77 cd/m²	0.89 cd/m²	2.81 cd/m²	0.50	0.32

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g.

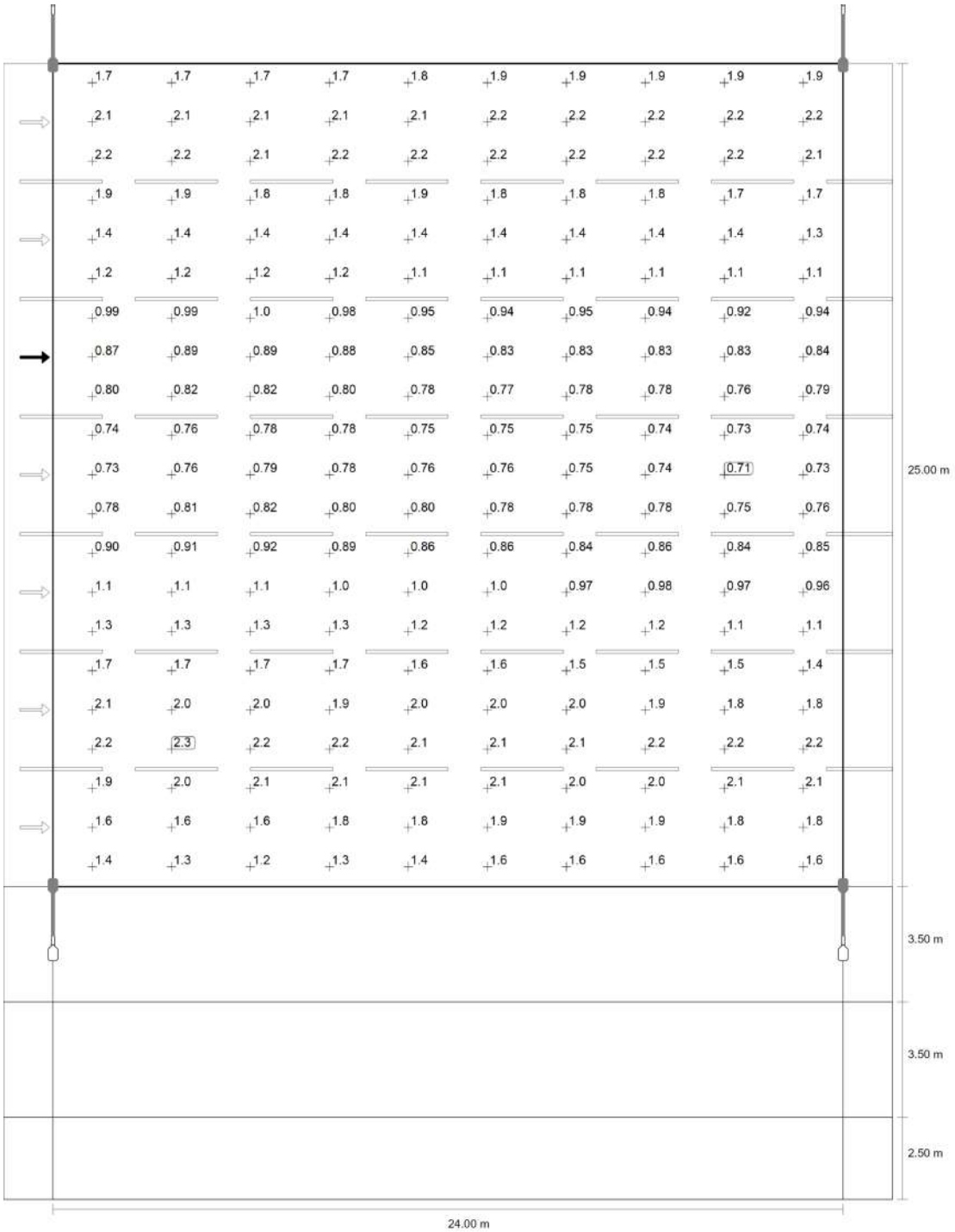
Taikos pr. nuo Sausio 15-osios g. link Bijūnų g. (M3)



Observer 5: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g.

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g. (M3)



Observer 5: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g.

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g. (M3)

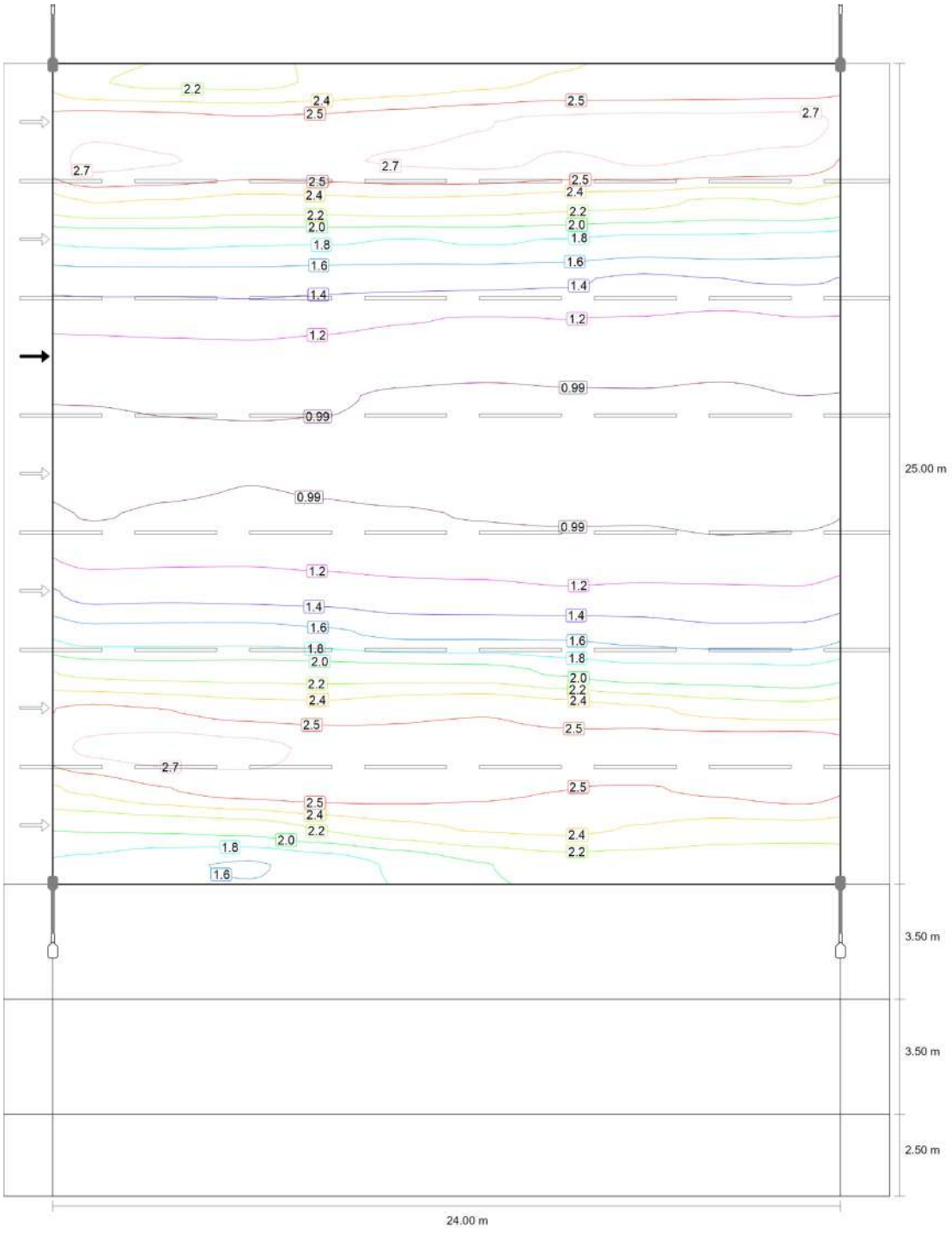
m	1.200	3.600	6.000	8.400	10.800	13.200	15.600	18.000	20.400	22.800
33.905	1.74	1.70	1.69	1.74	1.79	1.85	1.89	1.89	1.91	1.92
32.714	2.14	2.12	2.07	2.10	2.14	2.19	2.22	2.24	2.23	2.25
31.524	2.24	2.20	2.15	2.18	2.20	2.23	2.17	2.21	2.18	2.13
30.333	1.89	1.88	1.82	1.83	1.86	1.83	1.79	1.77	1.70	1.74
29.143	1.44	1.44	1.43	1.43	1.41	1.43	1.41	1.37	1.37	1.35
27.952	1.17	1.17	1.18	1.16	1.14	1.14	1.12	1.07	1.10	1.11
26.762	0.99	0.99	1.00	0.98	0.95	0.94	0.95	0.94	0.92	0.94
25.571	0.87	0.89	0.89	0.88	0.85	0.83	0.83	0.83	0.83	0.84
24.381	0.80	0.82	0.82	0.80	0.78	0.77	0.78	0.78	0.76	0.79
23.190	0.74	0.76	0.78	0.78	0.75	0.75	0.75	0.74	0.73	0.74
22.000	0.73	0.76	0.79	0.78	0.76	0.76	0.75	0.74	0.71	0.73
20.810	0.78	0.81	0.82	0.80	0.80	0.78	0.78	0.78	0.75	0.76
19.619	0.90	0.91	0.92	0.89	0.86	0.86	0.84	0.86	0.84	0.85
18.429	1.06	1.06	1.05	1.05	1.01	1.00	0.97	0.98	0.97	0.96
17.238	1.31	1.32	1.32	1.28	1.21	1.22	1.22	1.19	1.14	1.15
16.048	1.68	1.66	1.66	1.65	1.63	1.62	1.54	1.47	1.47	1.45
14.857	2.07	2.03	1.97	1.95	2.00	2.03	1.97	1.91	1.83	1.80
13.667	2.23	2.27	2.23	2.17	2.11	2.11	2.10	2.15	2.16	2.18
12.476	1.91	2.04	2.13	2.14	2.11	2.07	2.04	2.03	2.07	2.13
11.286	1.59	1.60	1.64	1.75	1.84	1.90	1.92	1.88	1.83	1.84
10.095	1.37	1.28	1.24	1.32	1.44	1.56	1.64	1.64	1.61	1.57

Observer 5: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 5: Maintenance value, luminance with dry roadway	1.41 cd/m²	0.71 cd/m²	2.27 cd/m²	0.51	0.31

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g.

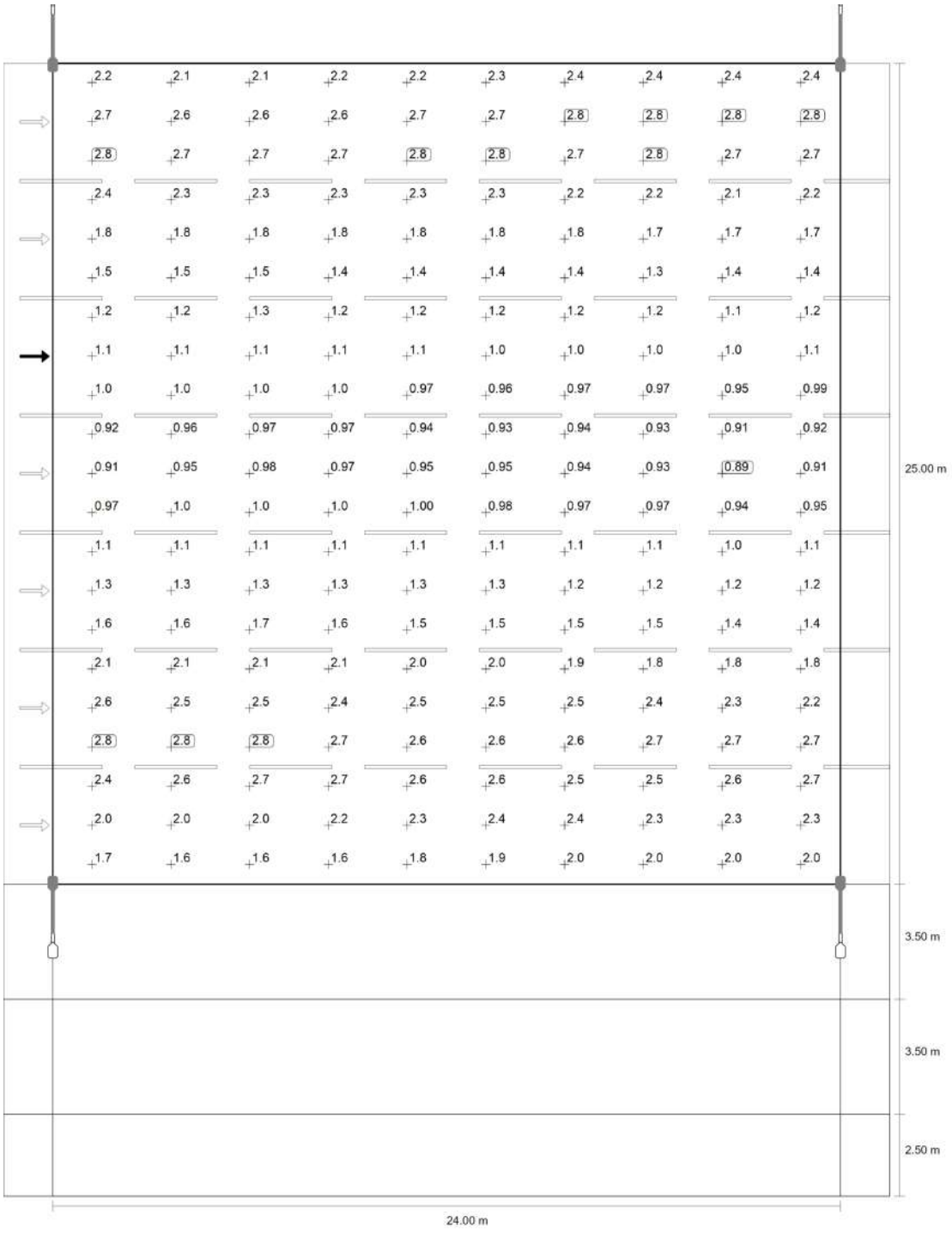
Taikos pr. nuo Sausio 15-osios g. link Bijūnų g. (M3)



Observer 5: Luminance with new installation [cd/m²] (Iso-illuminance curves)

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g.

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g. (M3)



Observer 5: Luminance with new installation [cd/m²] (Value grid)

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g.

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g. (M3)

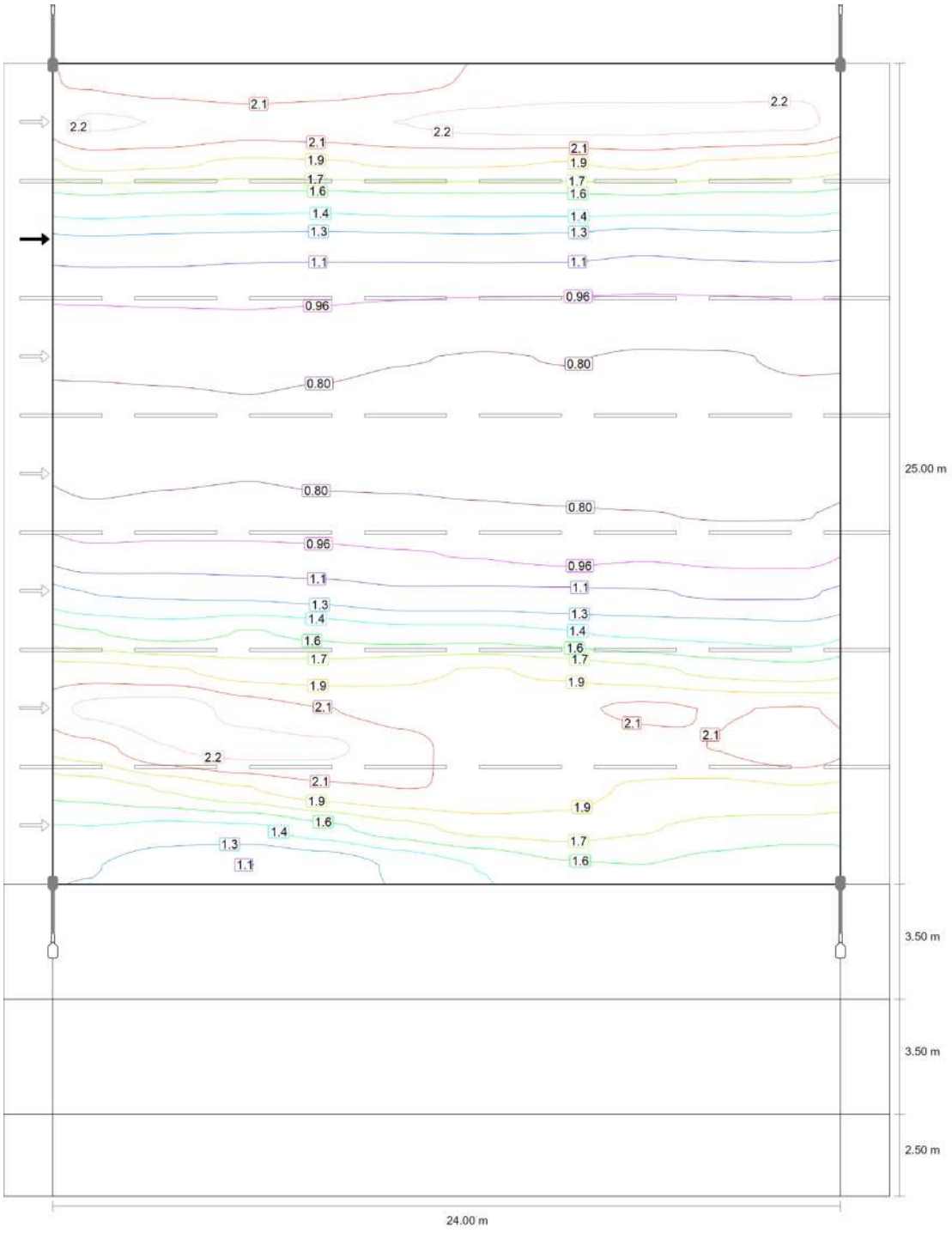
m	1.200	3.600	6.000	8.400	10.800	13.200	15.600	18.000	20.400	22.800
33.905	2.17	2.12	2.12	2.17	2.24	2.31	2.37	2.37	2.39	2.40
32.714	2.68	2.65	2.59	2.62	2.67	2.73	2.78	2.80	2.79	2.81
31.524	2.80	2.75	2.69	2.72	2.76	2.78	2.72	2.76	2.72	2.67
30.333	2.36	2.35	2.27	2.29	2.32	2.29	2.24	2.21	2.13	2.17
29.143	1.80	1.81	1.79	1.78	1.76	1.78	1.76	1.71	1.71	1.69
27.952	1.46	1.46	1.47	1.44	1.43	1.42	1.40	1.34	1.38	1.39
26.762	1.23	1.23	1.25	1.22	1.19	1.18	1.18	1.18	1.15	1.18
25.571	1.09	1.11	1.11	1.10	1.07	1.04	1.04	1.04	1.04	1.05
24.381	1.00	1.02	1.03	1.00	0.97	0.96	0.97	0.97	0.95	0.99
23.190	0.92	0.96	0.97	0.97	0.94	0.93	0.94	0.93	0.91	0.92
22.000	0.91	0.95	0.98	0.97	0.95	0.95	0.94	0.93	0.89	0.91
20.810	0.97	1.01	1.02	1.00	1.00	0.98	0.97	0.97	0.94	0.95
19.619	1.12	1.14	1.15	1.12	1.08	1.07	1.05	1.07	1.05	1.07
18.429	1.32	1.33	1.31	1.31	1.27	1.25	1.21	1.23	1.22	1.21
17.238	1.63	1.65	1.65	1.60	1.52	1.52	1.53	1.49	1.43	1.44
16.048	2.10	2.07	2.08	2.06	2.04	2.03	1.92	1.83	1.83	1.81
14.857	2.58	2.54	2.46	2.44	2.50	2.53	2.46	2.39	2.29	2.25
13.667	2.78	2.84	2.79	2.71	2.63	2.63	2.63	2.69	2.70	2.72
12.476	2.39	2.55	2.66	2.68	2.64	2.59	2.55	2.54	2.58	2.67
11.286	1.98	2.00	2.05	2.19	2.31	2.38	2.40	2.34	2.29	2.29
10.095	1.71	1.60	1.55	1.65	1.80	1.95	2.05	2.05	2.01	1.97

Observer 5: Luminance with new installation [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 5: Luminance with new installation	1.76 cd/m²	0.89 cd/m²	2.84 cd/m²	0.51	0.31

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g.

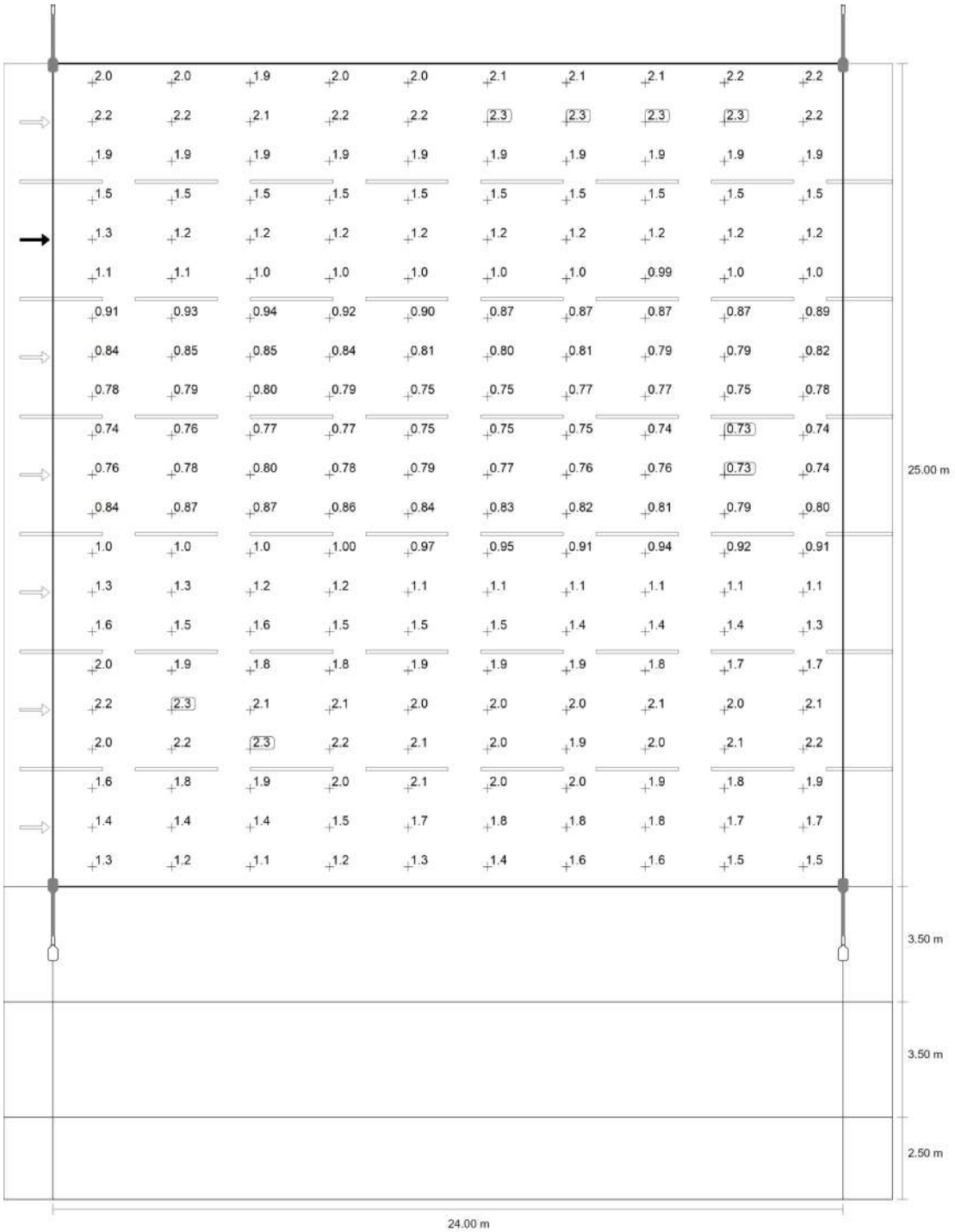
Taikos pr. nuo Sausio 15-osios g. link Bijūnų g. (M3)



Observer 6: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g.

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g. (M3)



Observer 6: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g.

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g. (M3)

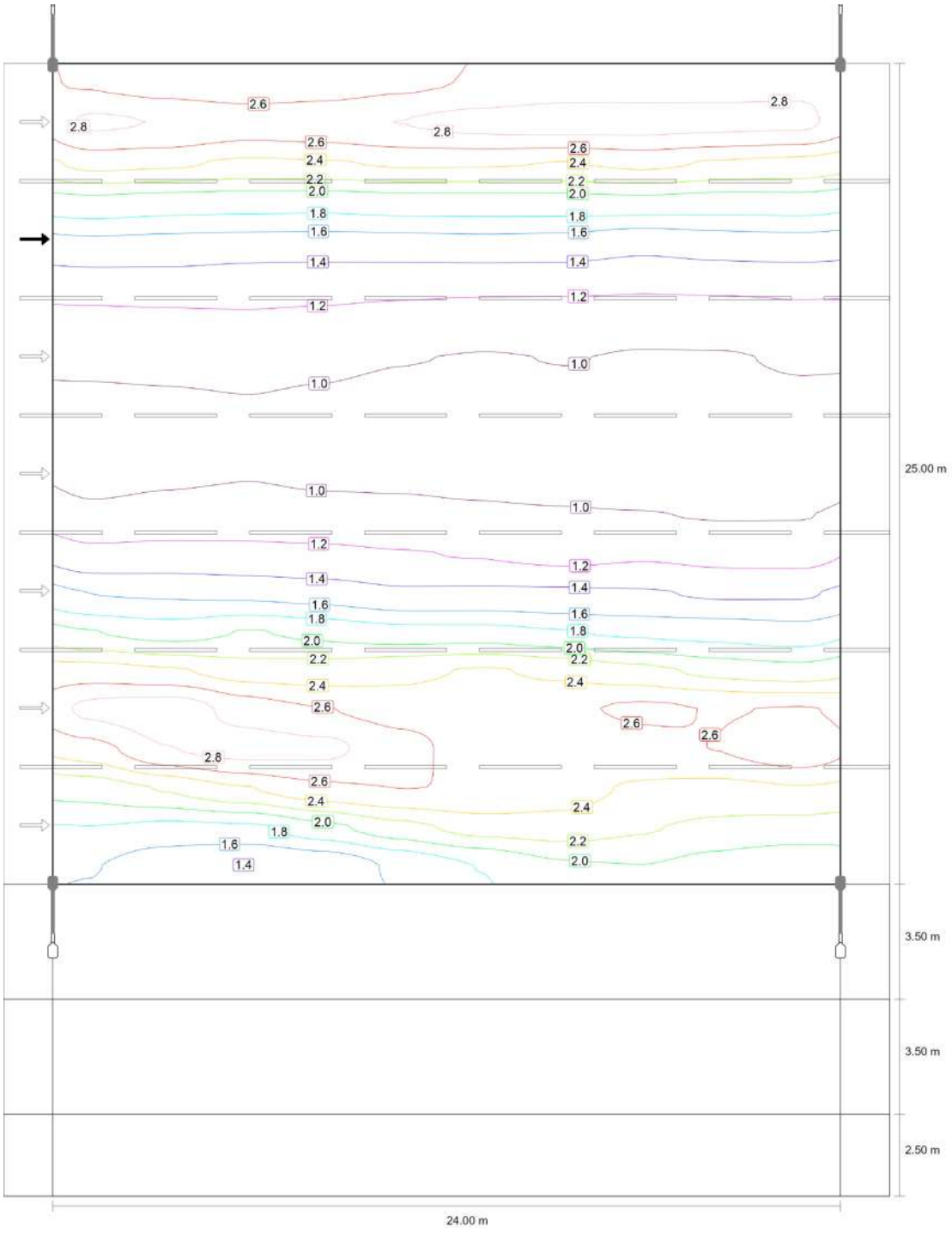
m	1.200	3.600	6.000	8.400	10.800	13.200	15.600	18.000	20.400	22.800
33.905	2.03	1.97	1.94	1.97	2.01	2.06	2.12	2.13	2.16	2.18
32.714	2.23	2.20	2.14	2.15	2.21	2.26	2.28	2.27	2.25	2.24
31.524	1.95	1.93	1.87	1.89	1.92	1.92	1.90	1.93	1.88	1.85
30.333	1.53	1.50	1.49	1.48	1.51	1.51	1.51	1.53	1.50	1.51
29.143	1.25	1.24	1.22	1.21	1.22	1.24	1.22	1.17	1.21	1.22
27.952	1.05	1.06	1.03	1.03	1.02	1.02	1.01	0.99	1.01	1.02
26.762	0.91	0.93	0.94	0.92	0.90	0.87	0.87	0.87	0.87	0.89
25.571	0.84	0.85	0.85	0.84	0.81	0.80	0.81	0.79	0.79	0.82
24.381	0.78	0.79	0.80	0.79	0.75	0.75	0.77	0.77	0.75	0.78
23.190	0.74	0.76	0.77	0.77	0.75	0.75	0.75	0.74	0.73	0.74
22.000	0.76	0.78	0.80	0.78	0.79	0.77	0.76	0.76	0.73	0.74
20.810	0.84	0.87	0.87	0.86	0.84	0.83	0.82	0.81	0.79	0.80
19.619	1.01	1.02	1.01	1.00	0.97	0.95	0.91	0.94	0.92	0.91
18.429	1.27	1.25	1.23	1.20	1.14	1.15	1.14	1.13	1.09	1.09
17.238	1.59	1.52	1.59	1.54	1.48	1.48	1.43	1.39	1.37	1.34
16.048	1.97	1.92	1.82	1.83	1.86	1.91	1.86	1.79	1.69	1.65
14.857	2.24	2.28	2.15	2.06	1.98	2.00	2.02	2.07	2.04	2.06
13.667	1.97	2.20	2.27	2.24	2.10	1.98	1.91	1.98	2.06	2.16
12.476	1.64	1.76	1.89	2.01	2.06	2.03	1.96	1.87	1.85	1.88
11.286	1.43	1.39	1.40	1.54	1.69	1.81	1.82	1.76	1.70	1.67
10.095	1.28	1.18	1.11	1.17	1.30	1.43	1.56	1.58	1.53	1.48

Observer 6: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 6: Maintenance value, luminance with dry roadway	1.39 cd/m²	0.73 cd/m²	2.28 cd/m²	0.52	0.32

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g.

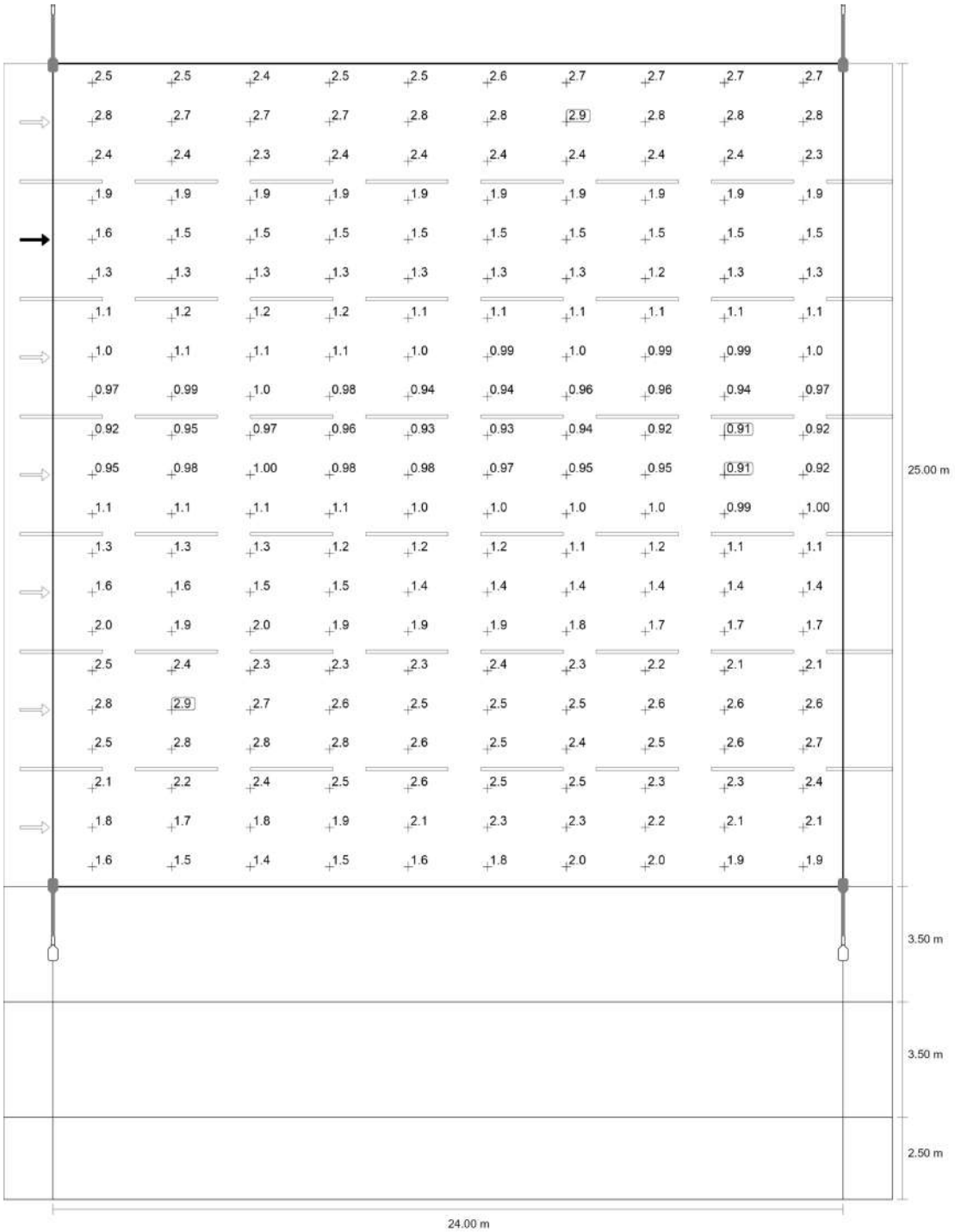
Taikos pr. nuo Sausio 15-osios g. link Bijūnų g. (M3)



Observer 6: Luminance with new installation [cd/m²] (Iso-illuminance curves)

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g.

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g. (M3)



Observer 6: Luminance with new installation [cd/m²] (Value grid)

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g.

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g. (M3)

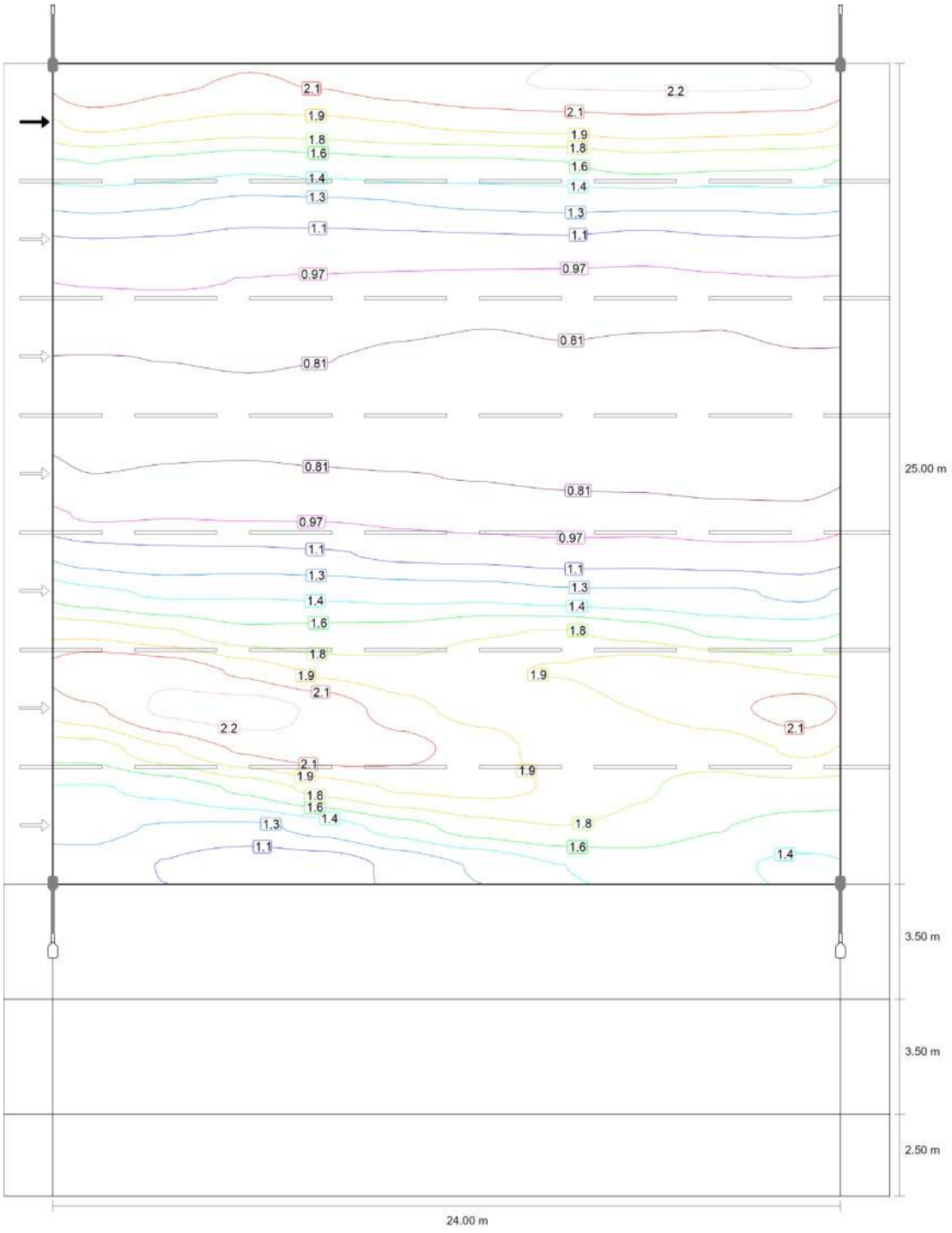
m	1.200	3.600	6.000	8.400	10.800	13.200	15.600	18.000	20.400	22.800
33.905	2.54	2.46	2.43	2.46	2.52	2.58	2.66	2.67	2.70	2.72
32.714	2.79	2.75	2.67	2.69	2.76	2.83	2.85	2.84	2.81	2.80
31.524	2.43	2.41	2.33	2.36	2.40	2.40	2.37	2.42	2.36	2.32
30.333	1.91	1.87	1.86	1.85	1.88	1.88	1.89	1.91	1.87	1.88
29.143	1.56	1.54	1.53	1.52	1.53	1.54	1.53	1.46	1.51	1.52
27.952	1.32	1.32	1.29	1.28	1.27	1.27	1.27	1.24	1.26	1.27
26.762	1.14	1.16	1.17	1.15	1.12	1.09	1.09	1.09	1.08	1.11
25.571	1.05	1.06	1.06	1.05	1.02	0.99	1.01	0.99	0.99	1.02
24.381	0.97	0.99	1.00	0.98	0.94	0.94	0.96	0.96	0.94	0.97
23.190	0.92	0.95	0.97	0.96	0.93	0.93	0.94	0.92	0.91	0.92
22.000	0.95	0.98	1.00	0.98	0.98	0.97	0.95	0.95	0.91	0.92
20.810	1.05	1.09	1.09	1.08	1.05	1.03	1.02	1.01	0.99	1.00
19.619	1.26	1.27	1.26	1.24	1.21	1.19	1.14	1.18	1.15	1.14
18.429	1.58	1.56	1.54	1.50	1.43	1.44	1.43	1.41	1.36	1.37
17.238	1.98	1.91	1.98	1.92	1.85	1.85	1.79	1.74	1.72	1.67
16.048	2.46	2.39	2.28	2.28	2.33	2.38	2.32	2.24	2.12	2.06
14.857	2.81	2.86	2.69	2.57	2.48	2.50	2.53	2.59	2.55	2.58
13.667	2.47	2.75	2.83	2.80	2.63	2.47	2.39	2.48	2.57	2.71
12.476	2.06	2.20	2.36	2.51	2.57	2.53	2.45	2.34	2.31	2.36
11.286	1.78	1.73	1.75	1.93	2.11	2.26	2.28	2.20	2.12	2.09
10.095	1.60	1.47	1.39	1.46	1.63	1.79	1.95	1.98	1.92	1.85

Observer 6: Luminance with new installation [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 6: Luminance with new installation	1.74 cd/m²	0.91 cd/m²	2.86 cd/m²	0.52	0.32

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g.

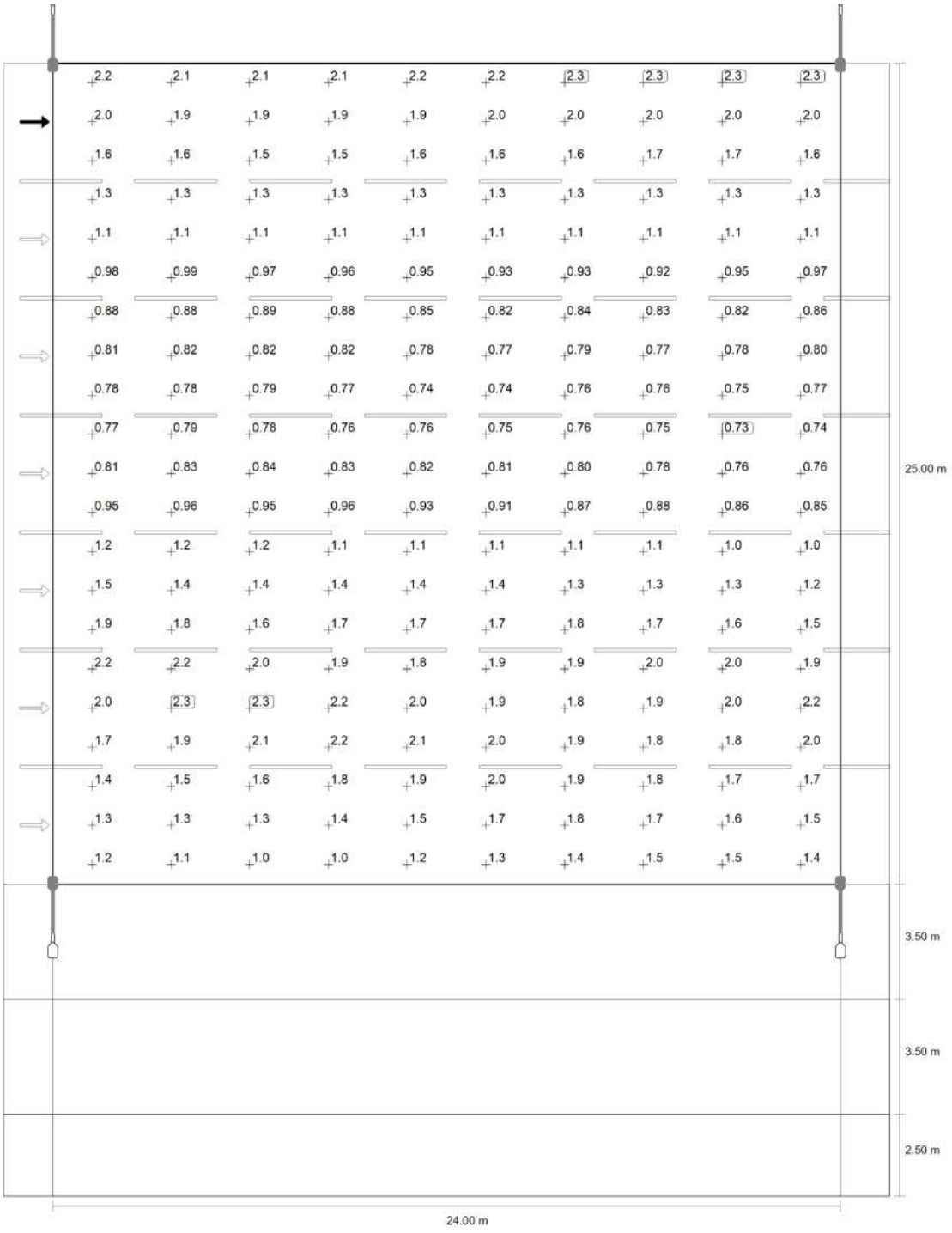
Taikos pr. nuo Sausio 15-osios g. link Bijūnų g. (M3)



Observer 7: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g.

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g. (M3)



Observer 7: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g.

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g. (M3)

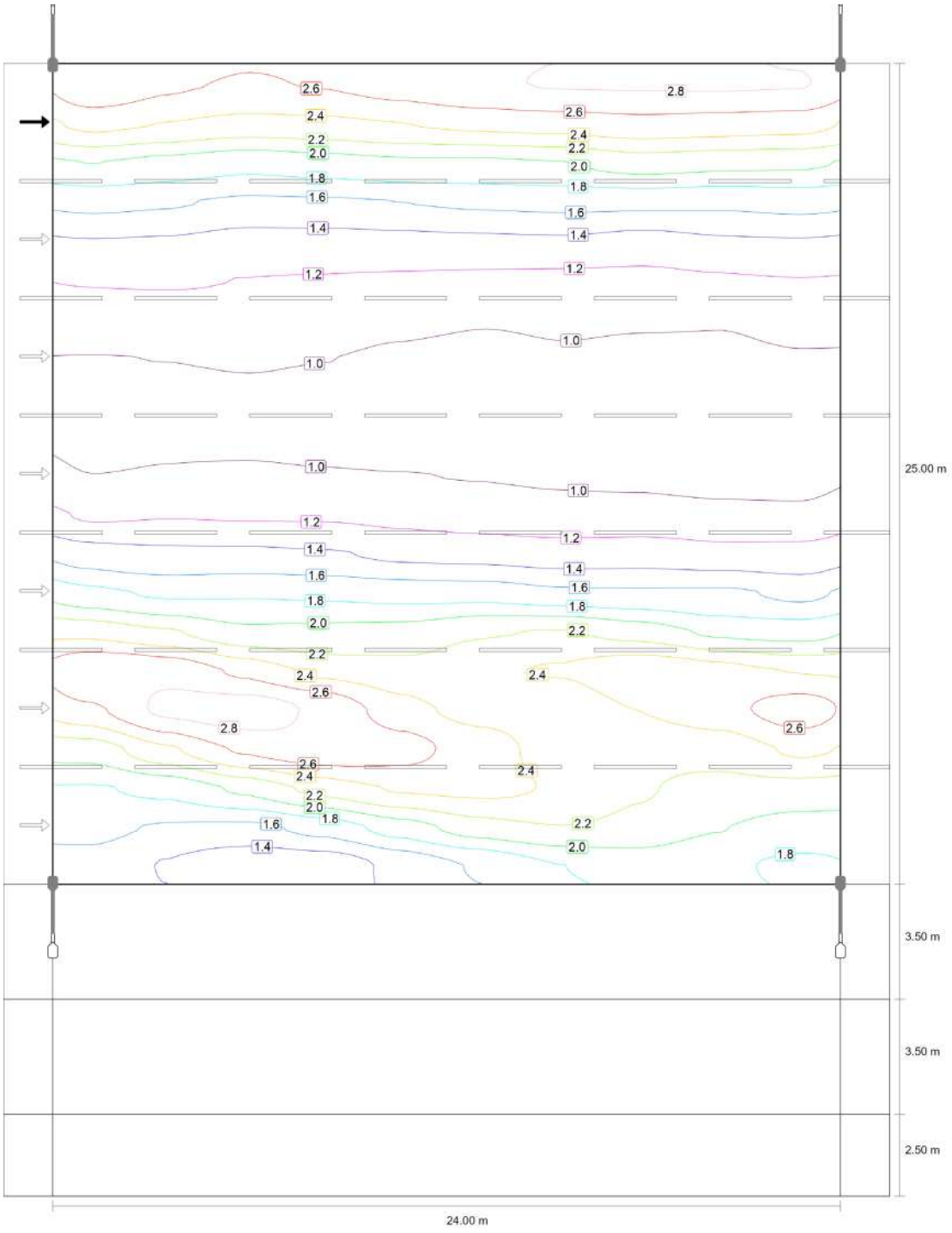
m	1.200	3.600	6.000	8.400	10.800	13.200	15.600	18.000	20.400	22.800
33.905	2.21	2.11	2.07	2.09	2.15	2.22	2.26	2.26	2.26	2.25
32.714	1.97	1.92	1.87	1.88	1.93	1.97	1.99	2.03	2.01	1.99
31.524	1.61	1.56	1.50	1.53	1.57	1.58	1.61	1.68	1.65	1.64
30.333	1.33	1.31	1.26	1.27	1.29	1.32	1.33	1.33	1.32	1.34
29.143	1.13	1.12	1.07	1.07	1.08	1.10	1.11	1.07	1.11	1.12
27.952	0.98	0.99	0.97	0.96	0.95	0.93	0.93	0.92	0.95	0.97
26.762	0.88	0.88	0.89	0.88	0.85	0.82	0.84	0.83	0.82	0.86
25.571	0.81	0.82	0.82	0.82	0.78	0.77	0.79	0.77	0.78	0.80
24.381	0.78	0.78	0.79	0.77	0.74	0.74	0.76	0.76	0.75	0.77
23.190	0.77	0.79	0.78	0.76	0.76	0.75	0.76	0.75	0.73	0.74
22.000	0.81	0.83	0.84	0.83	0.82	0.81	0.80	0.78	0.76	0.76
20.810	0.95	0.96	0.95	0.96	0.93	0.91	0.87	0.88	0.86	0.85
19.619	1.21	1.17	1.17	1.15	1.09	1.08	1.06	1.06	1.03	1.03
18.429	1.50	1.42	1.43	1.42	1.39	1.38	1.32	1.32	1.32	1.25
17.238	1.88	1.78	1.65	1.66	1.67	1.75	1.77	1.70	1.57	1.55
16.048	2.24	2.20	2.04	1.88	1.84	1.89	1.94	2.03	1.97	1.92
14.857	2.04	2.28	2.32	2.21	1.99	1.86	1.84	1.93	2.03	2.16
13.667	1.68	1.90	2.12	2.20	2.14	2.00	1.85	1.79	1.82	1.96
12.476	1.44	1.49	1.65	1.82	1.95	1.96	1.91	1.78	1.72	1.71
11.286	1.33	1.27	1.26	1.36	1.53	1.70	1.76	1.70	1.62	1.54
10.095	1.23	1.12	1.02	1.05	1.18	1.31	1.45	1.52	1.48	1.42

Observer 7: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 7: Maintenance value, luminance with dry roadway	1.37 cd/m²	0.73 cd/m²	2.32 cd/m²	0.54	0.32

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g.

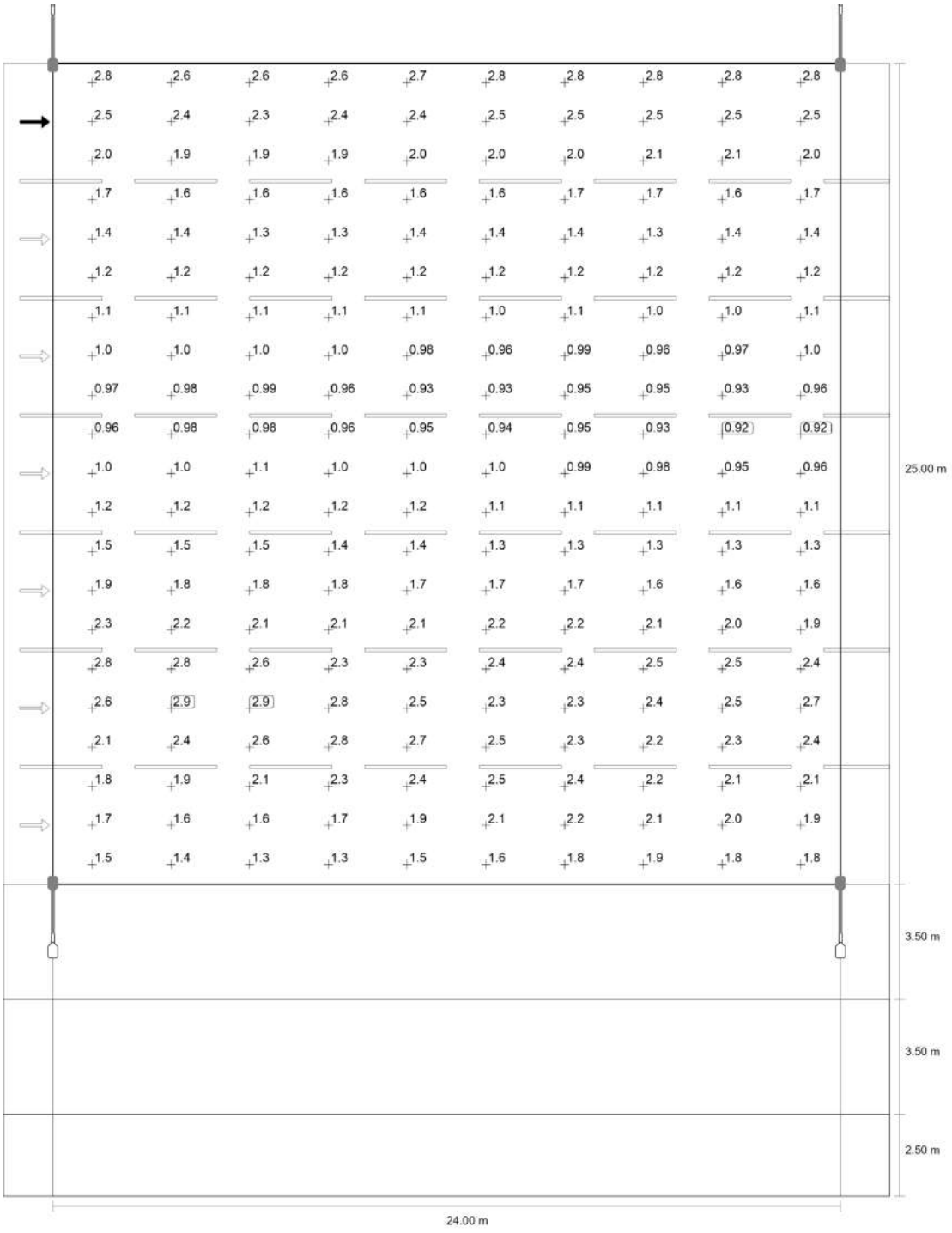
Taikos pr. nuo Sausio 15-osios g. link Bijūnų g. (M3)



Observer 7: Luminance with new installation [cd/m²] (Iso-illuminance curves)

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g.

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g. (M3)



Observer 7: Luminance with new installation [cd/m²] (Value grid)

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g.

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g. (M3)

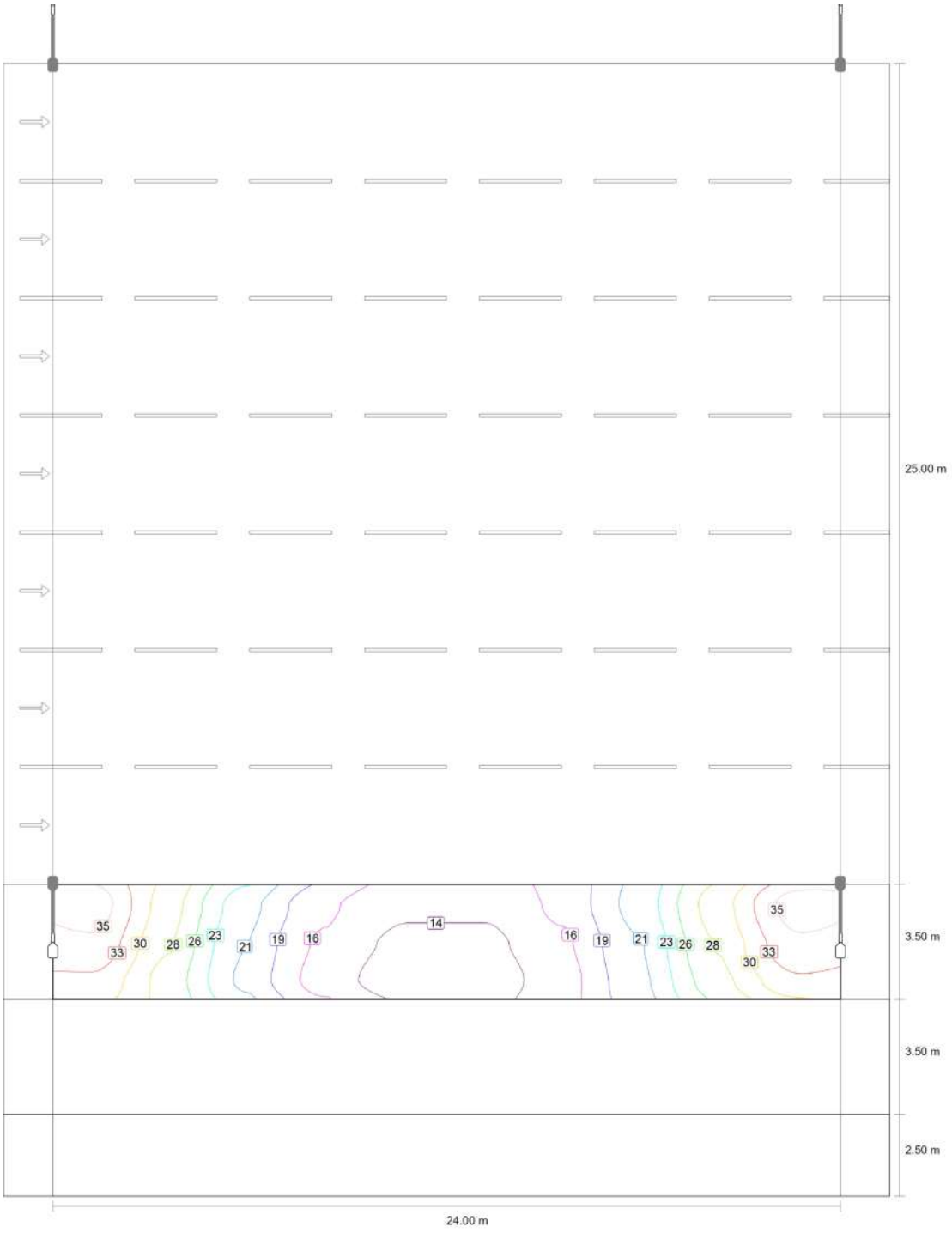
m	1.200	3.600	6.000	8.400	10.800	13.200	15.600	18.000	20.400	22.800
33.905	2.76	2.64	2.59	2.62	2.69	2.77	2.82	2.82	2.83	2.82
32.714	2.46	2.41	2.33	2.35	2.41	2.46	2.49	2.53	2.51	2.48
31.524	2.02	1.94	1.87	1.92	1.97	1.97	2.01	2.10	2.07	2.05
30.333	1.67	1.64	1.58	1.59	1.62	1.65	1.66	1.66	1.65	1.68
29.143	1.41	1.40	1.34	1.34	1.35	1.37	1.39	1.34	1.39	1.41
27.952	1.23	1.24	1.21	1.20	1.18	1.17	1.16	1.15	1.19	1.21
26.762	1.10	1.10	1.12	1.10	1.07	1.03	1.05	1.04	1.03	1.07
25.571	1.01	1.02	1.03	1.02	0.98	0.96	0.99	0.96	0.97	1.00
24.381	0.97	0.98	0.99	0.96	0.93	0.93	0.95	0.95	0.93	0.96
23.190	0.96	0.98	0.98	0.96	0.95	0.94	0.95	0.93	0.92	0.92
22.000	1.02	1.04	1.05	1.04	1.02	1.01	0.99	0.98	0.95	0.96
20.810	1.18	1.20	1.19	1.19	1.17	1.13	1.09	1.10	1.08	1.06
19.619	1.51	1.47	1.46	1.43	1.37	1.35	1.33	1.33	1.29	1.29
18.429	1.87	1.78	1.79	1.78	1.74	1.73	1.65	1.64	1.65	1.56
17.238	2.35	2.23	2.06	2.07	2.09	2.19	2.21	2.12	1.96	1.94
16.048	2.79	2.75	2.55	2.34	2.30	2.37	2.42	2.53	2.47	2.39
14.857	2.55	2.85	2.90	2.76	2.49	2.32	2.30	2.41	2.53	2.70
13.667	2.10	2.38	2.64	2.75	2.67	2.50	2.32	2.24	2.27	2.45
12.476	1.80	1.87	2.06	2.28	2.44	2.45	2.39	2.23	2.15	2.14
11.286	1.66	1.59	1.57	1.70	1.92	2.12	2.21	2.13	2.02	1.92
10.095	1.54	1.40	1.28	1.31	1.48	1.64	1.81	1.90	1.85	1.78

Observer 7: Luminance with new installation [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 7: Luminance with new installation	1.71 cd/m²	0.92 cd/m²	2.90 cd/m²	0.54	0.32

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g.

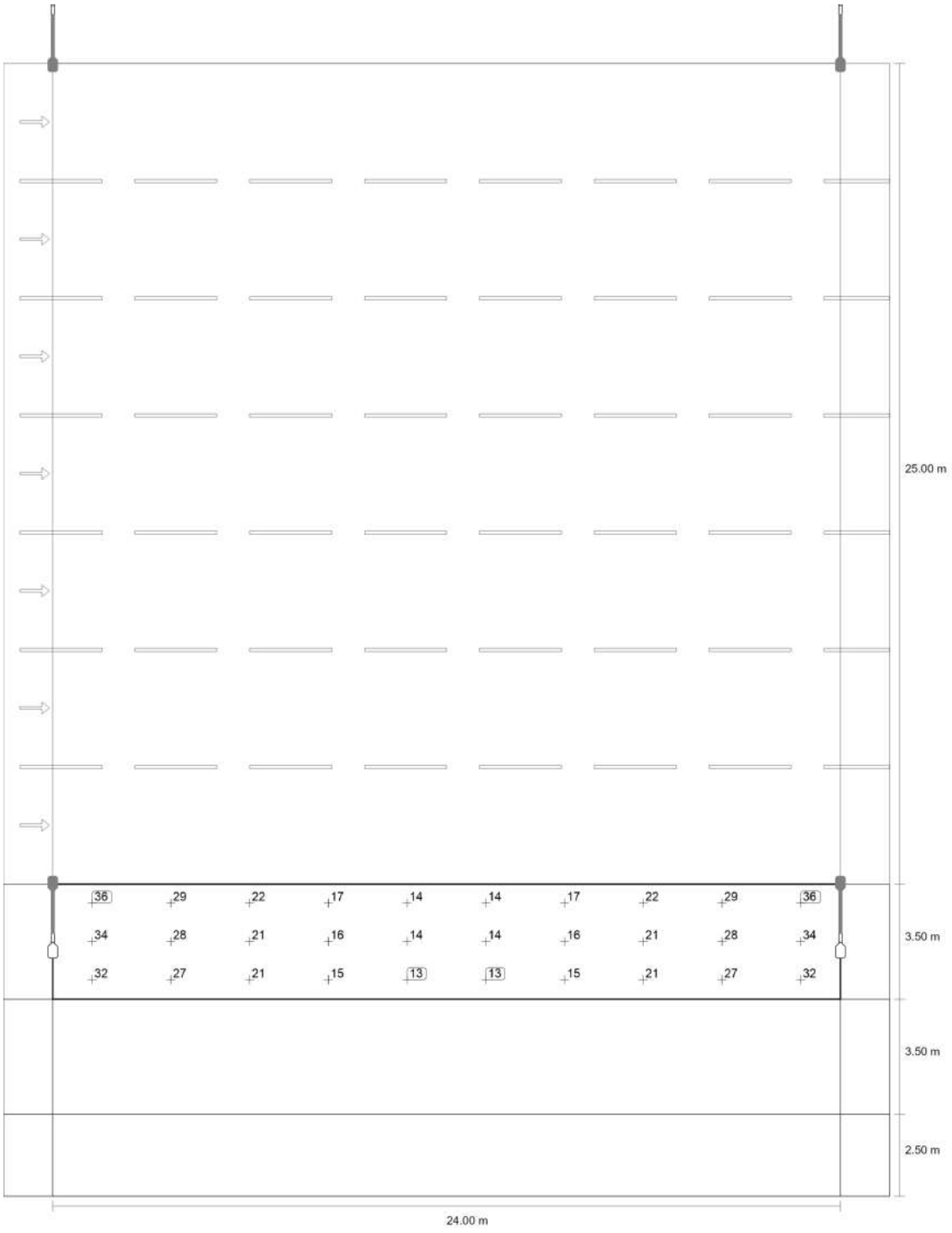
Sidewalk 1 (P3)



Maintenance value, horizontal illuminance [lx] (Iso-illuminance curves)

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g.

Sidewalk 1 (P3)



Maintenance value, horizontal illuminance [lx] (Value grid)

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g.

Sidewalk 1 (P3)

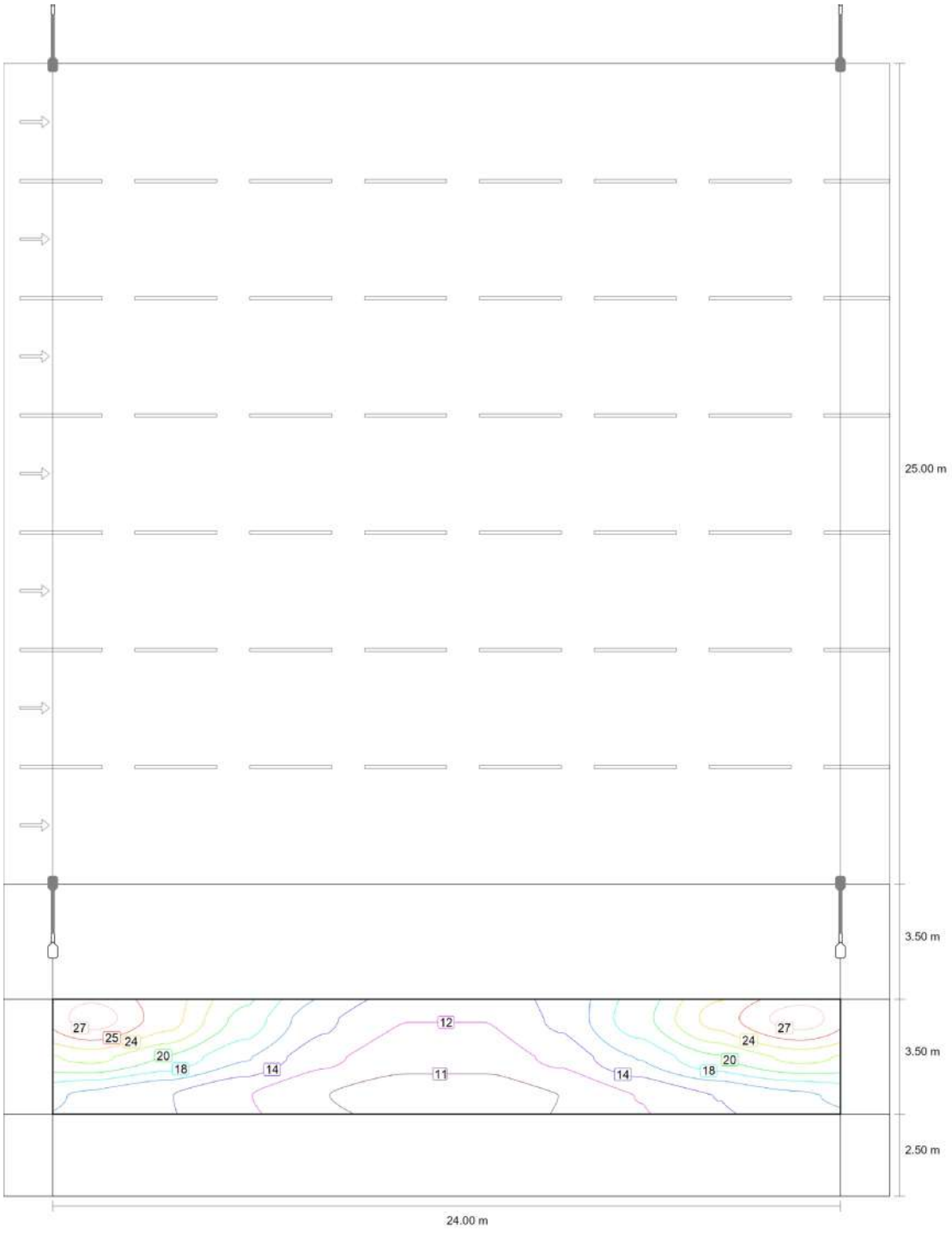
m	1.200	3.600	6.000	8.400	10.800	13.200	15.600	18.000	20.400	22.800
8.917	36.12	29.22	22.02	16.98	14.46	14.46	16.98	22.02	29.22	36.12
7.750	34.46	28.25	21.04	16.01	13.65	13.65	16.01	21.04	28.25	34.46
6.583	32.13	27.16	20.53	15.41	12.98	12.98	15.41	20.53	27.16	32.13

Maintenance value, horizontal illuminance [lx] (Value chart)

	E_{av}	E_{min}	E_{max}	U_o (g_1)	g_2
Maintenance value, horizontal illuminance	22.7 lx	13.0 lx	36.1 lx	0.57	0.36

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g.

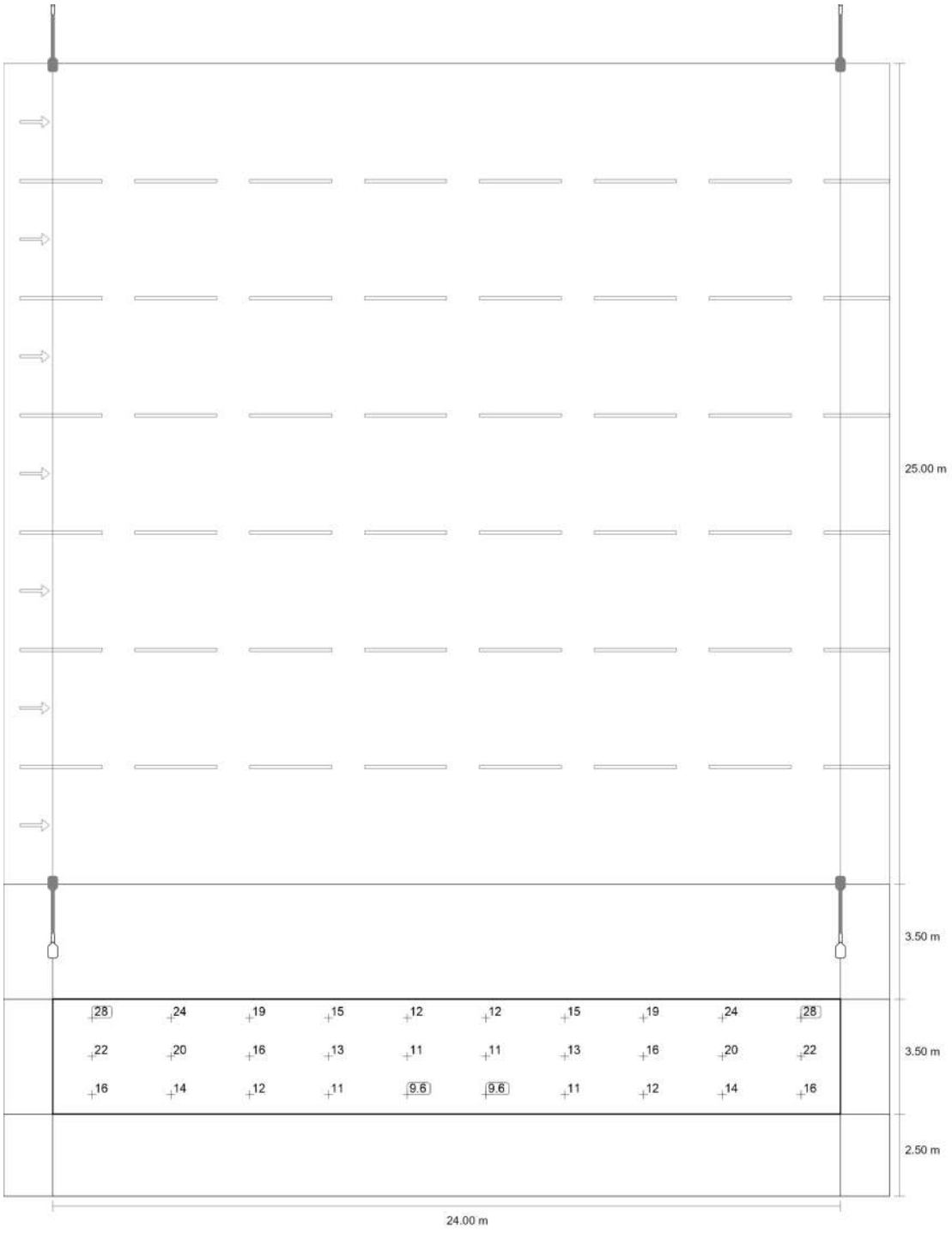
Bicycle lane 1 (P3)



Maintenance value, horizontal illuminance [lx] (Iso-illuminance curves)

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g.

Bicycle lane 1 (P3)



Maintenance value, horizontal illuminance [lx] (Value grid)

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g.

Bicycle lane 1 (P3)

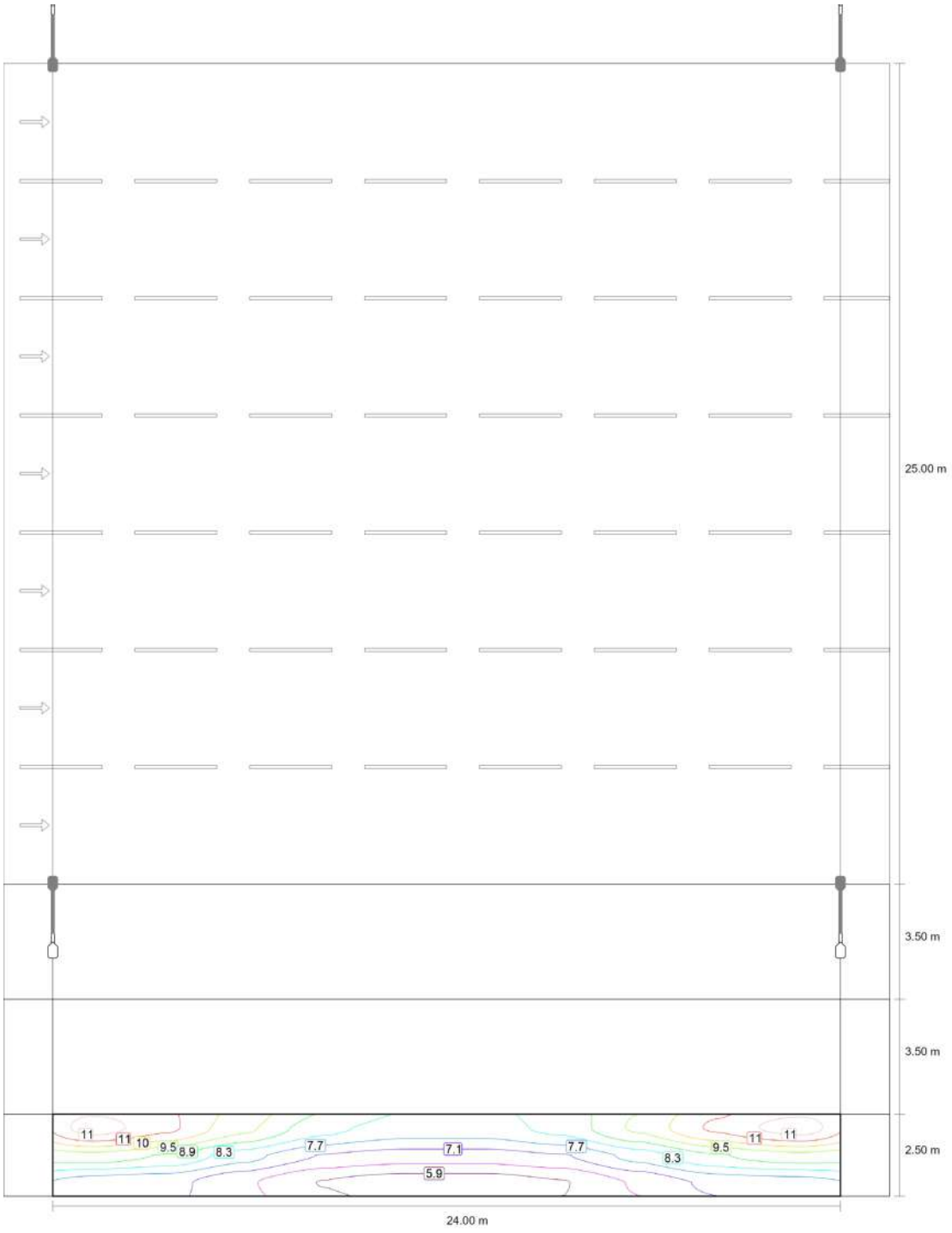
m	1.200	3.600	6.000	8.400	10.800	13.200	15.600	18.000	20.400	22.800
5.417	28.15	24.34	19.12	14.65	12.43	12.43	14.65	19.12	24.34	28.15
4.250	22.17	19.63	16.23	12.94	11.24	11.24	12.94	16.23	19.63	22.17
3.083	15.76	14.31	12.47	10.57	9.63	9.63	10.57	12.47	14.31	15.76

Maintenance value, horizontal illuminance [lx] (Value chart)

	E_{av}	E_{min}	E_{max}	U_o (g_1)	g_2
Maintenance value, horizontal illuminance	16.2 lx	9.63 lx	28.2 lx	0.59	0.34

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g.

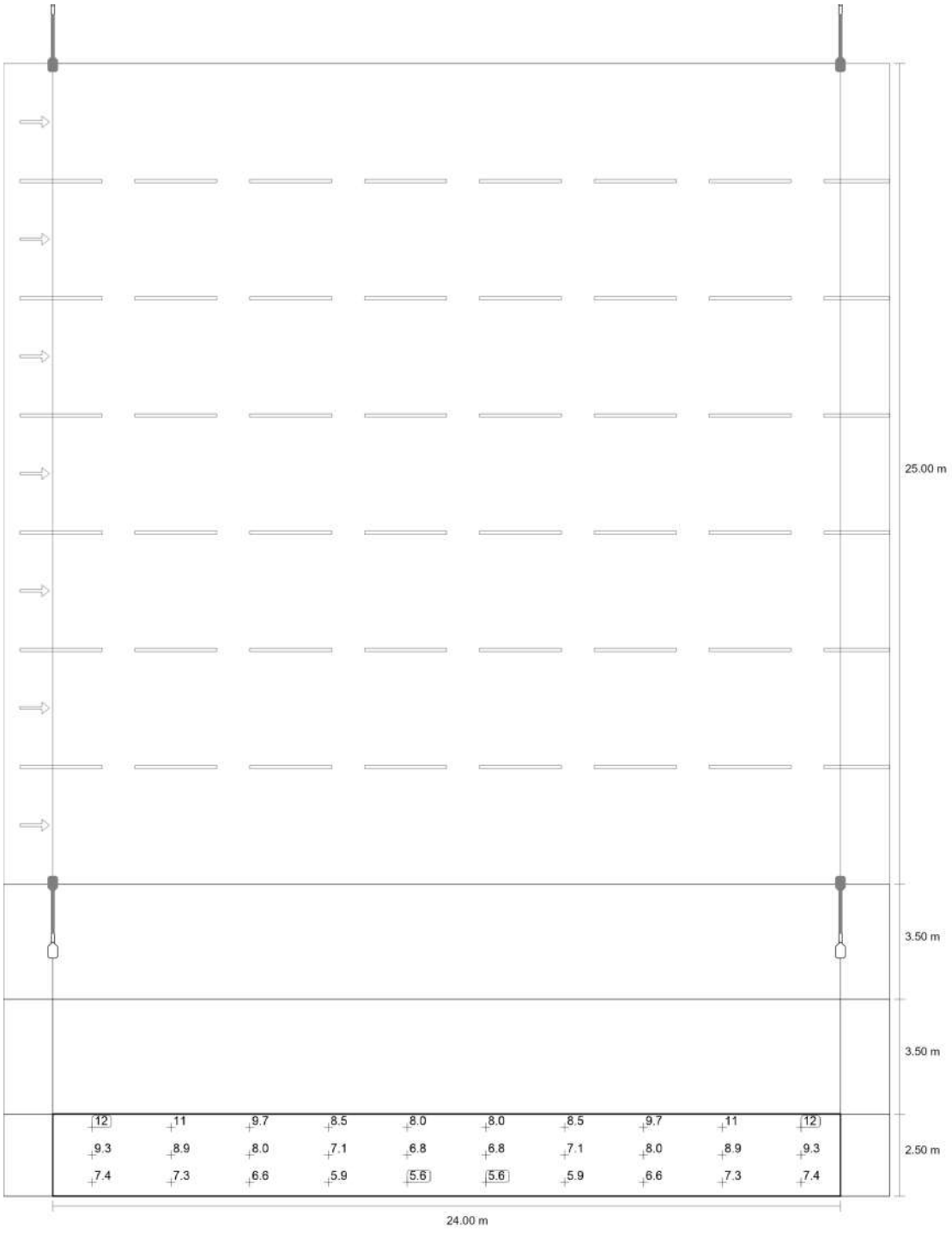
Sidewalk 2 (P3)



Maintenance value, horizontal illuminance [lx] (Iso-illuminance curves)

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g.

Sidewalk 2 (P3)



Maintenance value, horizontal illuminance [lx] (Value grid)

Taikos pr. nuo Sausio 15-osios g. link Bijūnų g.

Sidewalk 2 (P3)

m	1.200	3.600	6.000	8.400	10.800	13.200	15.600	18.000	20.400	22.800
2.083	11.67	10.89	9.67	8.54	8.04	8.04	8.54	9.67	10.89	11.67
1.250	9.30	8.88	7.95	7.07	6.80	6.80	7.07	7.95	8.88	9.30
0.417	7.45	7.28	6.59	5.87	5.60	5.60	5.87	6.59	7.28	7.45

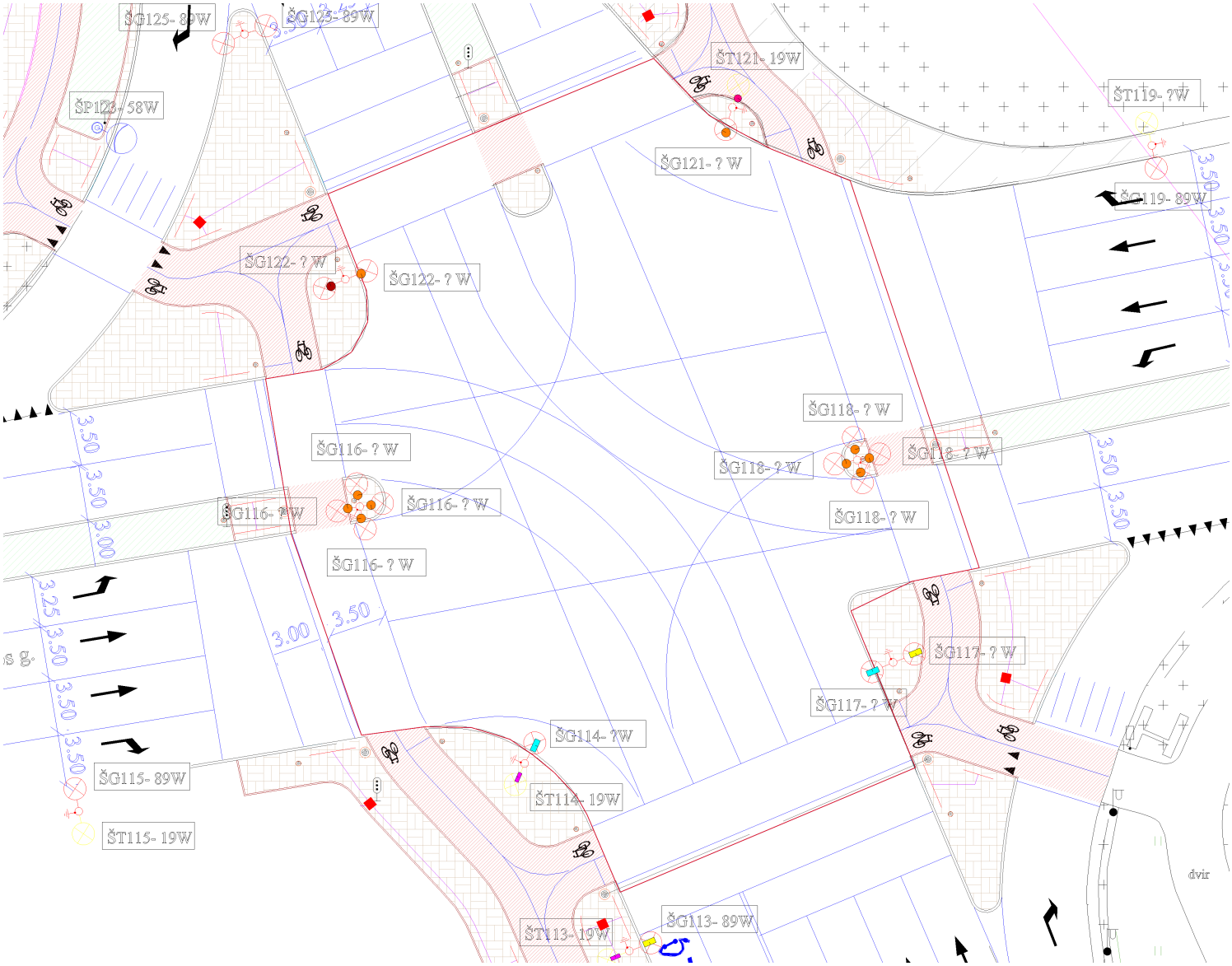
Maintenance value, horizontal illuminance [lx] (Value chart)

	E_{av}	E_{min}	E_{max}	U_o (g_1)	g_2
Maintenance value, horizontal illuminance	8.11 lx	5.60 lx	11.7 lx	0.69	0.48

Object : Sausio 15-osios g. - Taikos pr. sankryža
Installation :
Project number :
Date : 16.05.2024

Sausio 15-osios g. - Taikos pr. sankryža

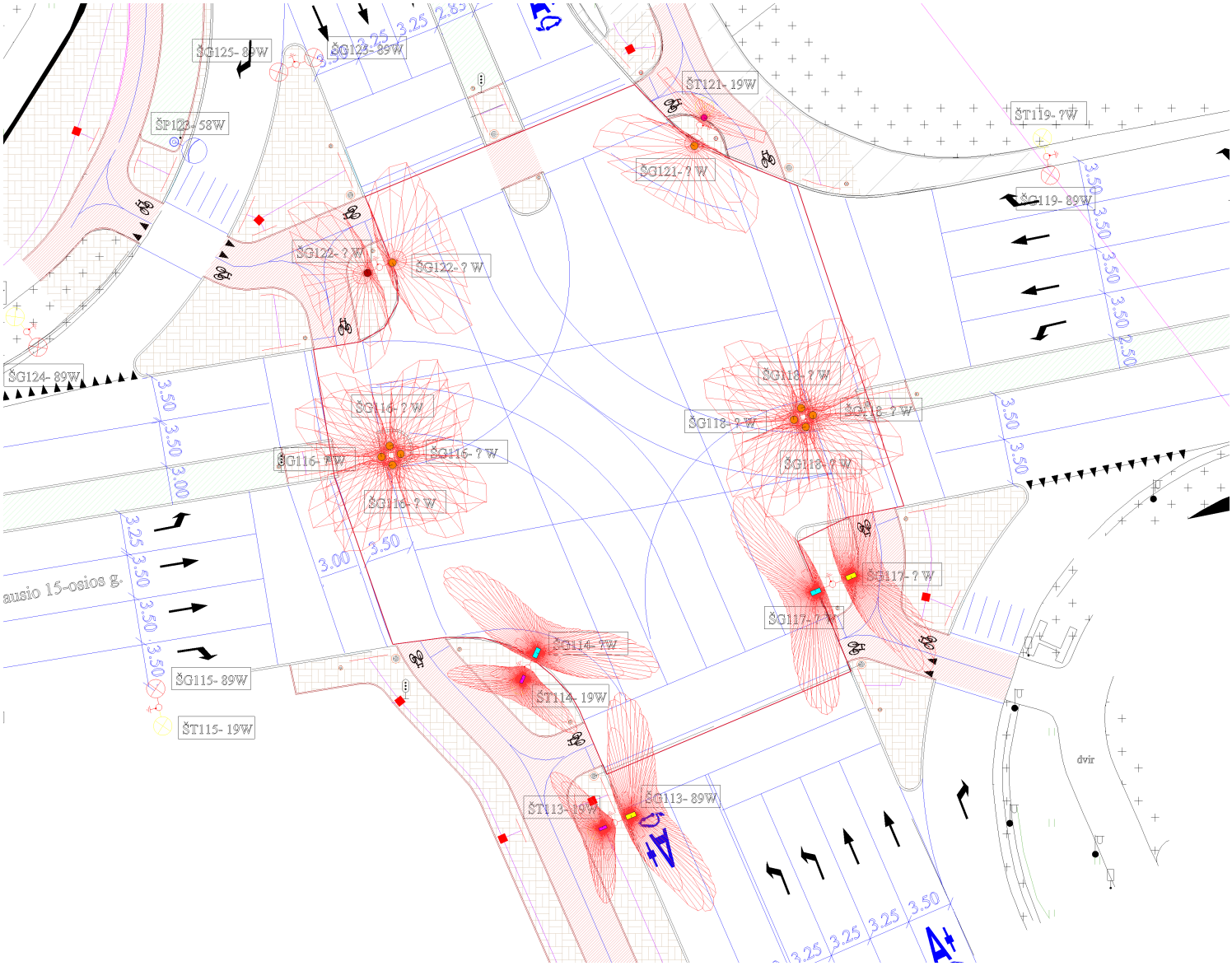
Floor plan



Object : Sausio 15-osios g. - Taikos pr. sankryža
Installation :
Project number :
Date : 16.05.2024

Sausio 15-osios g. - Taikos pr. sankryža

Floor plan

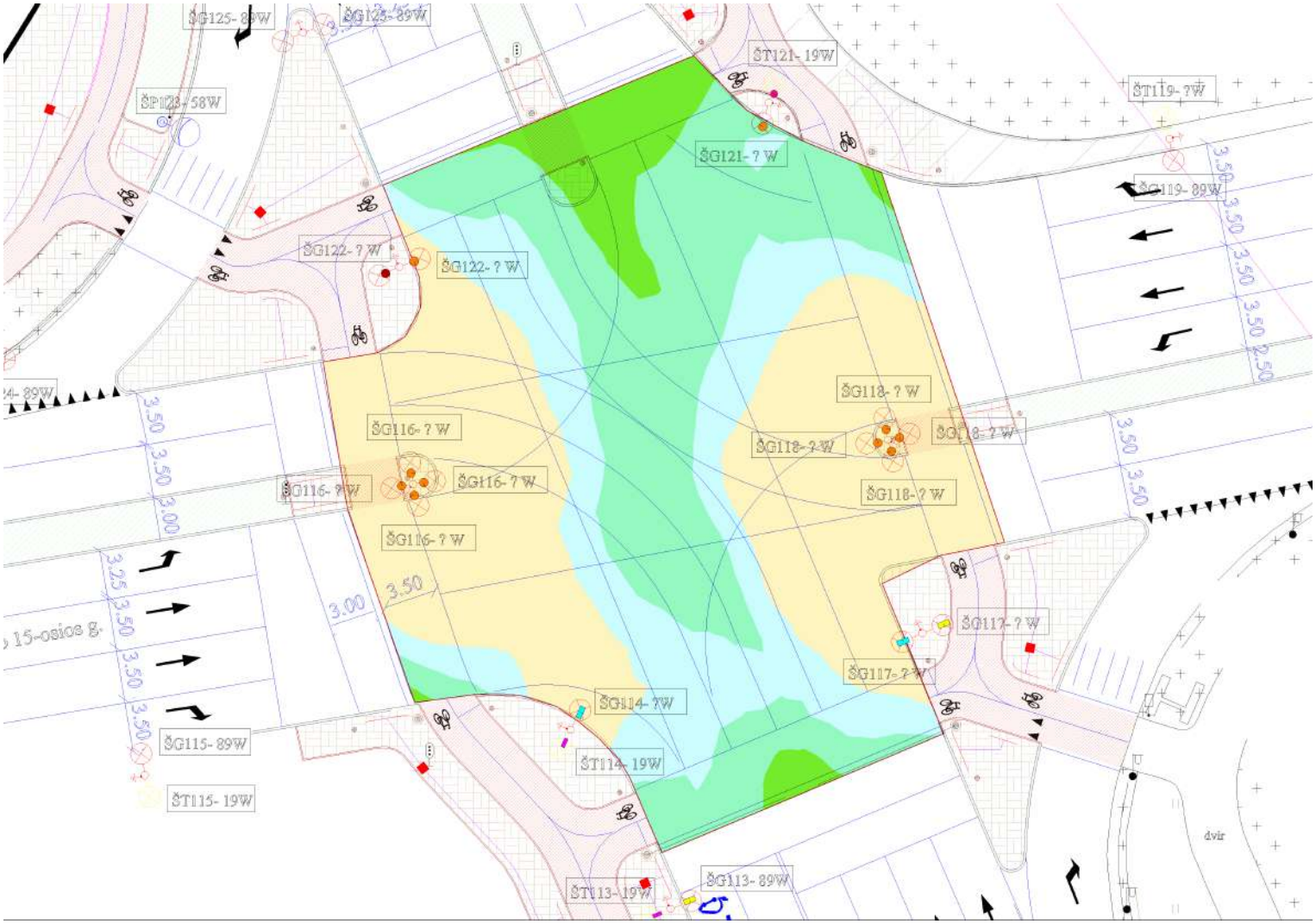


Object	:	Sausio 15-osios g. - Taikos pr. sankryža
Installation	:	
Project number	:	
Date	:	16.05.2024

Sausio 15-osios g. - Taikos pr. sankryža

Summary

Result overview, Evaluation area





Illuminance [lx]

General

Calculation algorithm used	Average indirect fraction
Maintenance factor	0.80
Total luminous flux of all lamps	142130 lm
Total power	990.0 W
Total power per area (1561.91 m²)	0.63 W/m² (1.28 W/m²/100lx)

Evaluation area	**Reference plane**
	Horizontal
Em	49.5 lx
Emin	20.2 lx
Emin/Eav (Uo)	0.41
Position	0.00 m

Object : Sausio 15-osios g. - Taikos pr. sankryža
Installation :
Project number :
Date : 16.05.2024

Sausio 15-osios g. - Taikos pr. sankryža

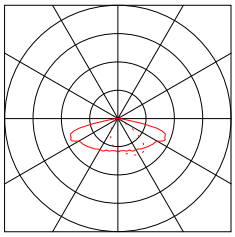
Luminaire data

Product data:

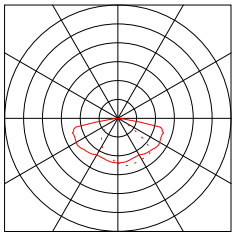
Type No.\Make

PHILIPS/2024-05-16 Eulumdat/1 B-Tilt = 0.00

2
Order No. : BGP762 T25 1 xLED120-4S_830 DM12.ldt
Luminaire name : BGP762 T25 1 xLED120-4S/830 DM12
Equipment : 1 x LED120-4S/830 91 W / 12000 lm

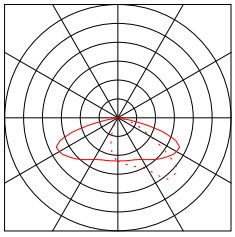



2
Order No. : takui BGP760 T25 1 xLED24-4S_830 DM11.ldt
Luminaire name : BGP760 T25 1 xLED24-4S/830 DM11
Equipment : 1 x LED24-4S/830 19.2 W / 2400 lm

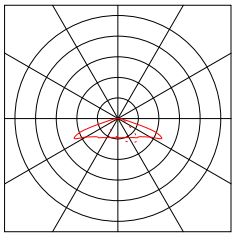



SALVI

10
Order No. : NAUTA_L_20M_5700K_F2MD_PMMA_S_85W.ldt
Luminaire name : NAUTA L 20M 5700K F2MD PMMA S 85W
Equipment : 1 x 350mA 85 W / 11813 lm




1
Order No. : takui NAUTA_S_16T_3000K_F1T2_PMMA_S_17W.ldt
Luminaire name : NAUTA S 16T 3000K F1T2 PMMA S 17W
Equipment : 1 x 350mA 17 W / 2467 lm

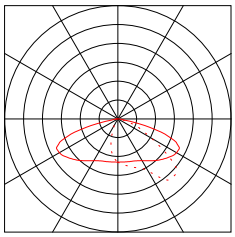



Object : Sausio 15-osios g. - Taikos pr. sankryža
Installation :
Project number :
Date : 16.05.2024

Sausio 15-osios g. - Taikos pr. sankryža

Luminaire data

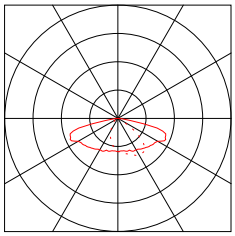
1 Order No. : NAUTA_L_20M_3000K_F2MD_PMMA_S_85W.ldt
Luminaire name : NAUTA L 20M 3000K F2MD PMMA S 85W
Equipment : 1 x 350mA 85 W / 10998 lm





PHILIPS/2024-05-17 Eulumdat/1 B-Tilt = 0.00

2 Order No. : 5700K BGP762 T25 1 xLED120-4S_757 DM12.ldt
Luminaire name : BGP762 T25 1 xLED120-4S/757 DM12
Equipment : 1 x LED120-4S/757 70 W / 12000 lm





Object	:	Sausio 15-osios g. - Taikos pr. sankryža
Installation	:	
Project number	:	
Date	:	16.05.2024

Luminaire data

PHILIPS/2024-05-16 Eulumdat/1 B-Tilt = 0.00, BGP762 T25 1 xLED120-4... (BGP762 T25 1 xL...)

Data sheet

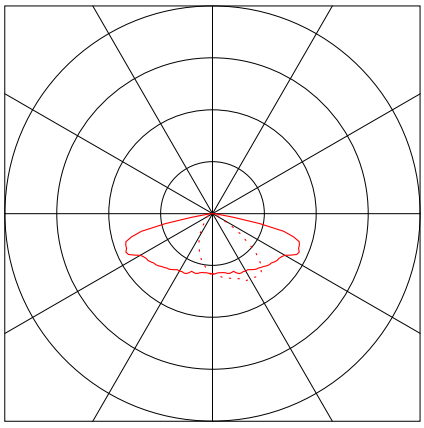
Manufacturer: PHILIPS/2024-05-16 Eulumdat/1 B-Tilt = 0.00

BGP762 T25 1 xLED120-4S_830 DM12.ldt **BGP762 T25 1 xLED120-4S/830 DM12**

Luminaire data		
Luminaire efficiency	:	91%
Luminaire efficacy	:	120 lm/W
Classification	:	A30 ↓100.0% ↑0.0%
CIE Flux Codes	:	39 75 97 100 91
UGR 4H 8H	:	37.5 / 16.6
Power	:	91 W
Luminous flux	:	10920 lm

Equipped with		
Quantity	:	1
Designation	:	LED120-4S/830
Colour	:	3000
Luminous flux	:	12000 lm
Colour reproduction	:	80

Dimensions : 792 mm x 361 mm x 107 mm





Object	:	Sausio 15-osios g. - Taikos pr. sankryža
Installation	:	
Project number	:	
Date	:	16.05.2024

Luminaire data

PHILIPS/2024-05-16 Eulumdat/1 B-Tilt = 0.00, BGP760 T25 1 xLED24-4S... (takui BGP760 T2...)

Data sheet

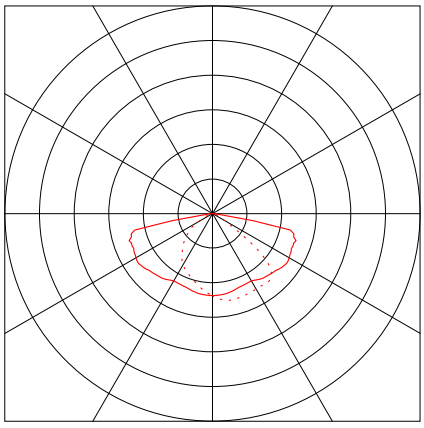
Manufacturer: PHILIPS/2024-05-16 Eulumdat/1 B-Tilt = 0.00

takui BGP760 T25 1 xLED24-4S_830 DM11.ldt **BGP760 T25 1 xLED24-4S/830 DM11**

Luminaire data		
Luminaire efficiency	:	91%
Luminaire efficacy	:	113.75 lm/W
Classification	:	A30 ↓100.0% ↑0.0%
CIE Flux Codes	:	38 73 96 100 91
UGR 4H 8H	:	34.9 / 19.5
Power	:	19.2 W
Luminous flux	:	2184 lm

Equipped with		
Quantity	:	1
Designation	:	LED24-4S/830
Colour	:	3000
Luminous flux	:	2400 lm
Colour reproduction	:	80

Dimensions : 627 mm x 236 mm x 103 mm





Object	:	Sausio 15-osios g. - Taikos pr. sankryža
Installation	:	
Project number	:	
Date	:	16.05.2024

Luminaire data

SALVI, NAUTA L 20M 5700K F2MD... (NAUTA_L_20M_570...)

Data sheet

Manufacturer: SALVI

NAUTA_L_20M_5700K_F2MD_PMMA_S_85W.ldt **NAUTA L 20M 5700K F2MD PMMA S 85W**

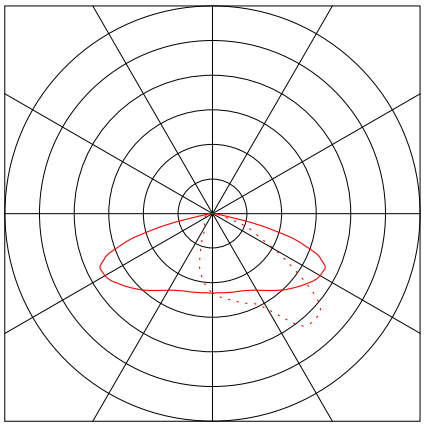
Luminaire data

Luminaire efficiency	:	100%
Luminaire efficacy	:	138.98 lm/W
Classification	:	A30 ↓100.0% ↑0.0%
CIE Flux Codes	:	34 72 97 100 100
UGR 4H 8H	:	36.9 / 19.8
Power	:	85 W
Luminous flux	:	11813 lm

Dimensions : Ø580 mm x 150 mm

Equipped with

Quantity	:	1
Designation	:	350mA
Colour	:	5700K
Luminous flux	:	11813 lm





Object	:	Sausio 15-osios g. - Taikos pr. sankryža
Installation	:	
Project number	:	
Date	:	16.05.2024

Luminaire data

SALVI, NAUTA S 16T 3000K F1T2... (takui NAUTA_S_1...)

Data sheet

Manufacturer: SALVI

takui NAUTA_S_16T_3000K_F1T2_PMMA_S_17W.ldt **NAUTA S 16T 3000K F1T2 PMMA S 17W**

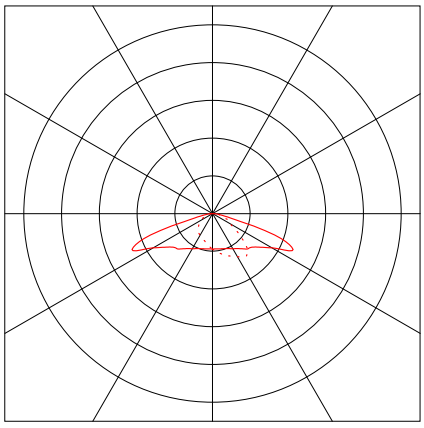
Luminaire data

Luminaire efficiency	:	100%
Luminaire efficacy	:	145.12 lm/W
Classification	:	A30 ↓100.0% ↑0.0%
CIE Flux Codes	:	32 66 96 100 100
UGR 4H 8H	:	33.6 / 21.0
Power	:	17 W
Luminous flux	:	2467 lm

Dimensions : Ø490 mm x 150 mm

Equipped with

Quantity	:	1
Designation	:	350mA
Colour	:	3000K
Luminous flux	:	2467 lm





Object	:	Sausio 15-osios g. - Taikos pr. sankryža
Installation	:	
Project number	:	
Date	:	16.05.2024

Luminaire data

SALVI, NAUTA L 20M 3000K F2MD... (NAUTA_L_20M_300...)

Data sheet

Manufacturer: SALVI

NAUTA_L_20M_3000K_F2MD_PMMA_S_85W.ldt **NAUTA L 20M 3000K F2MD PMMA S 85W**

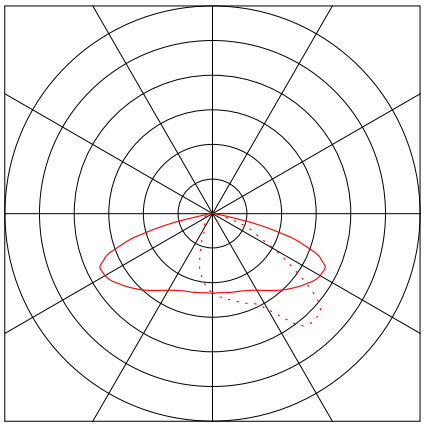
Luminaire data

Luminaire efficiency	:	100%
Luminaire efficacy	:	129.39 lm/W
Classification	:	A30 ↓100.0% ↑0.0%
CIE Flux Codes	:	34 72 97 100 100
UGR 4H 8H	:	36.7 / 19.6
Power	:	85 W
Luminous flux	:	10998 lm

Dimensions : Ø580 mm x 150 mm

Equipped with

Quantity	:	1
Designation	:	350mA
Colour	:	3000K
Luminous flux	:	10998 lm





Object	:	Sausio 15-osios g. - Taikos pr. sankryža
Installation	:	
Project number	:	
Date	:	16.05.2024

Luminaire data

PHILIPS/2024-05-17 Eulumdat/1 B-Tilt = 0.00, BGP762 T25 1 xLED120-4... (5700K BGP762 T2...)

Data sheet

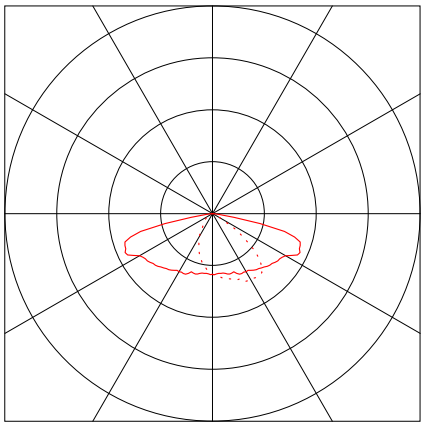
Manufacturer: PHILIPS/2024-05-17 Eulumdat/1 B-Tilt = 0.00

5700K BGP762 T25 1 xLED120-4S_757 DM12.ldt **BGP762 T25 1 xLED120-4S/757 DM12**

Luminaire data		
Luminaire efficiency	:	92%
Luminaire efficacy	:	157.71 lm/W
Classification	:	A30 ↓100.0% ↑0.0%
CIE Flux Codes	:	39 75 97 100 92
UGR 4H 8H	:	37.5 / 16.6
Power	:	70 W
Luminous flux	:	11040 lm

Equipped with		
Quantity	:	1
Designation	:	LED120-4S/757
Colour	:	5700
Luminous flux	:	12000 lm
Colour reproduction	:	70

Dimensions : 792 mm x 361 mm x 107 mm





Date 2024-06-18

DIALux

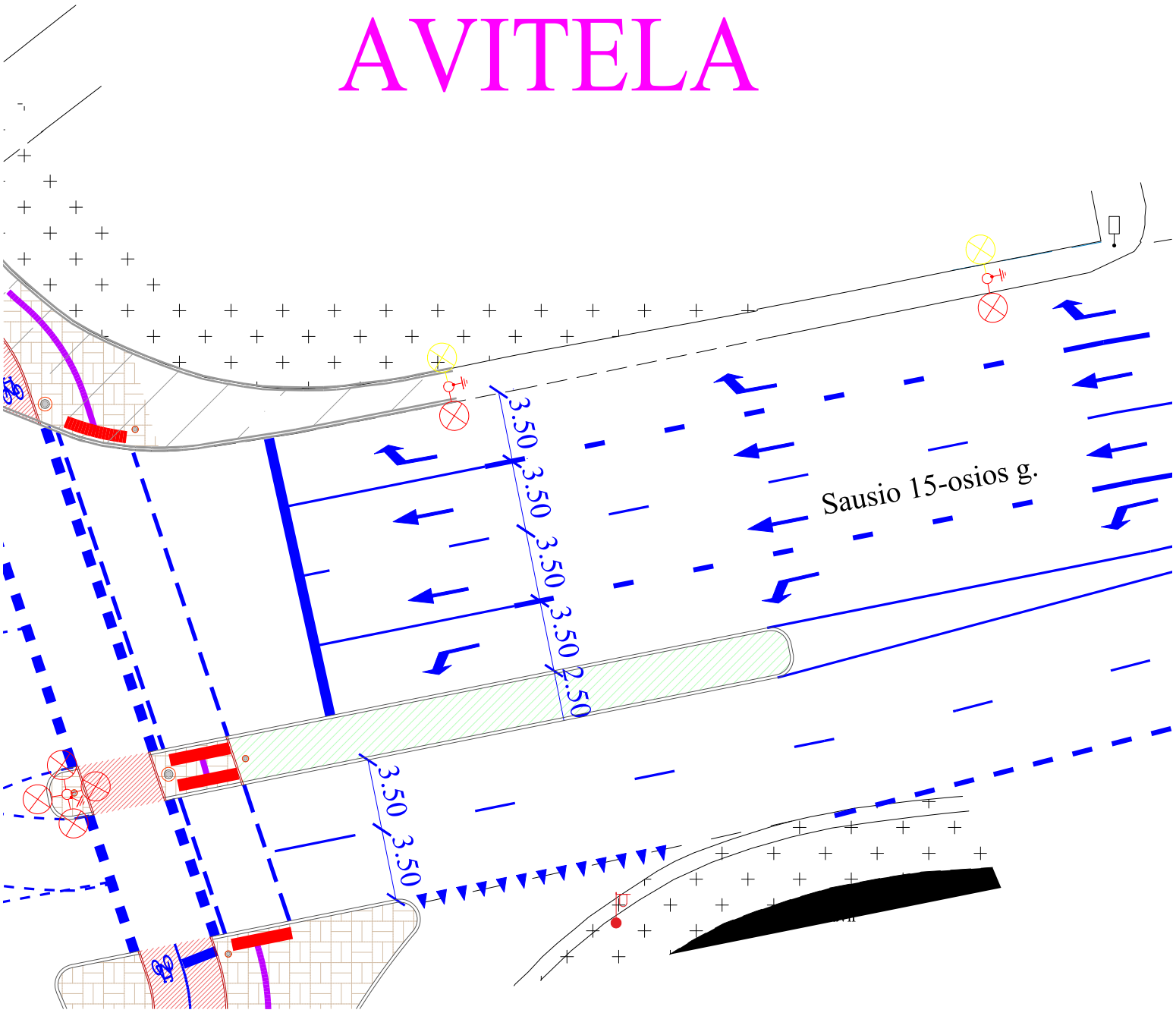
Sausio 15-osios g. prie Avitelos





Created with DIALux

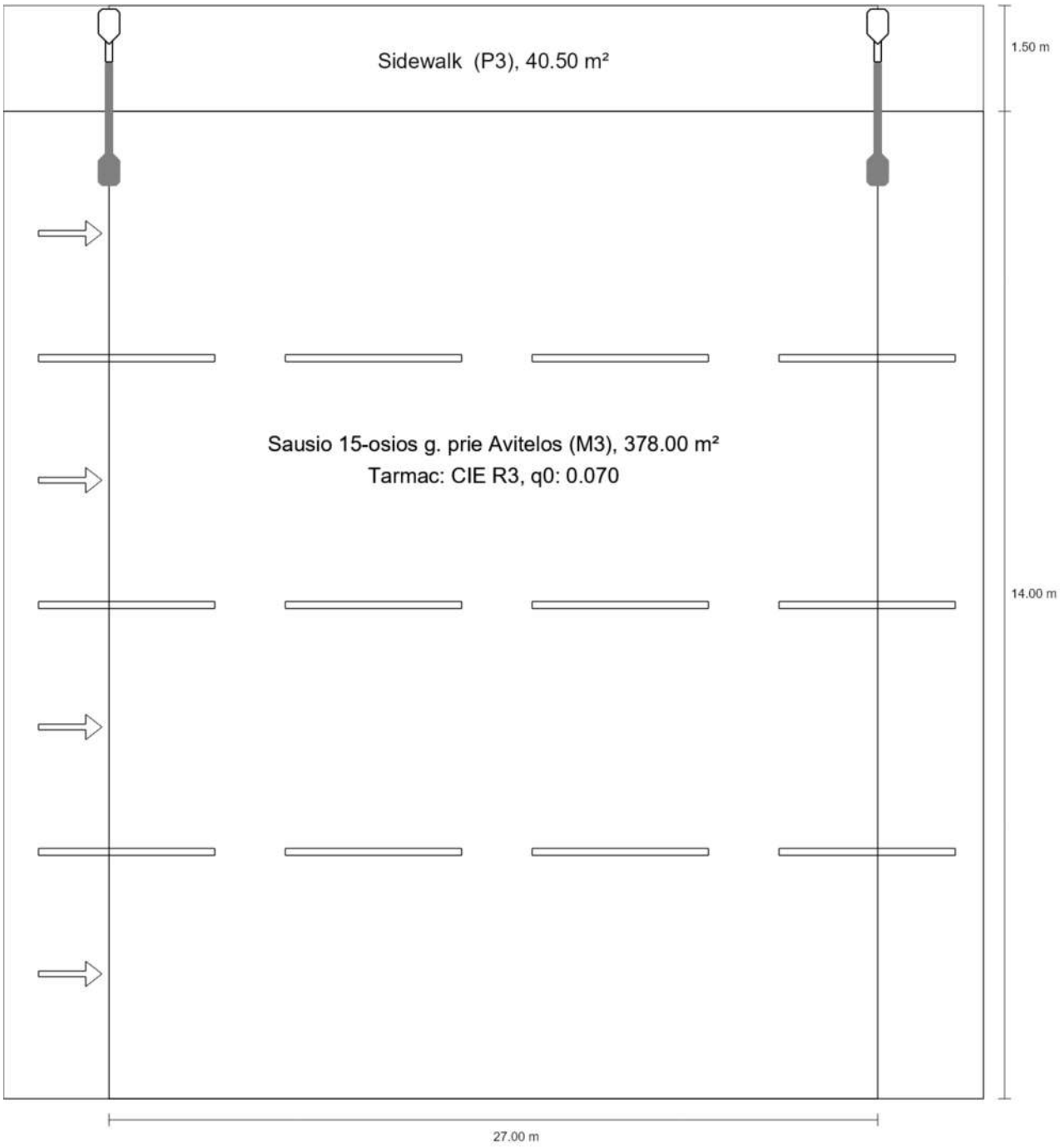
AVITELA



DIALux

Sausio 15-osios g. prie Avitelos

Summary (according to EN 13201:2015)

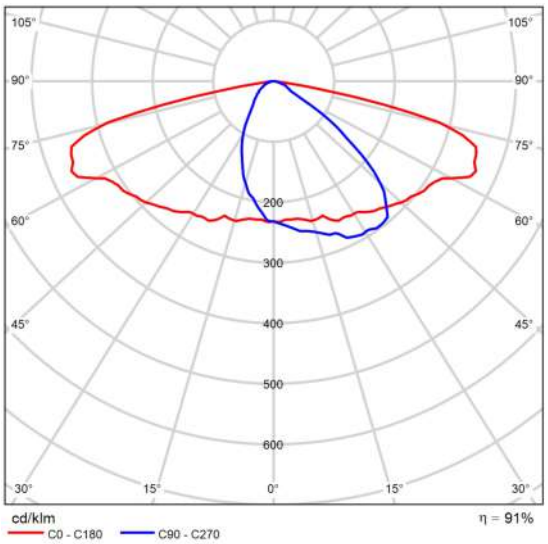


DIALux

Product data sheet

Philips - BGP762 T25 1 xLED120-4S/830 DM12

P	91.0 W
Φ_{Lamp}	12000 lm
$\Phi_{Luminaire}$	10912 lm
η	90.93 %
Luminous efficacy	119.9 lm/W
CCT	3000 K
CRI	80



Polar LDC

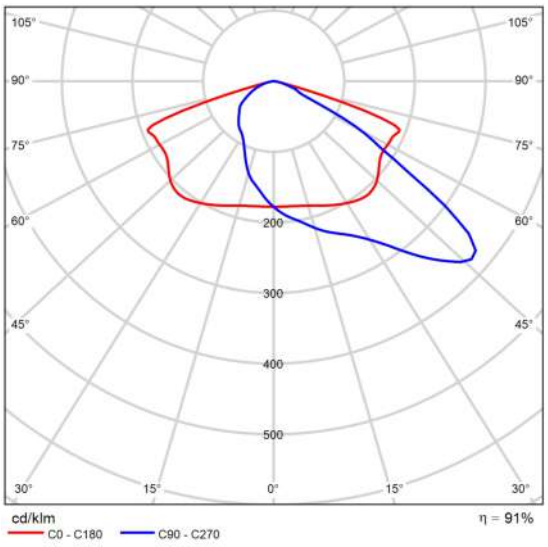


DIALux

Product data sheet

Philips - BGP760 T25 1 xLED22-4S/830 DM31

P	18.6 W
Φ_{Lamp}	2200 lm
$\Phi_{Luminaire}$	2010 lm
η	91.38 %
Luminous efficacy	108.1 lm/W
CCT	3000 K
CRI	80



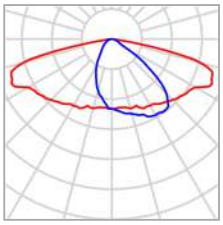
Polar LDC



DIALux

Sausio 15-osios g. prie Avitelos

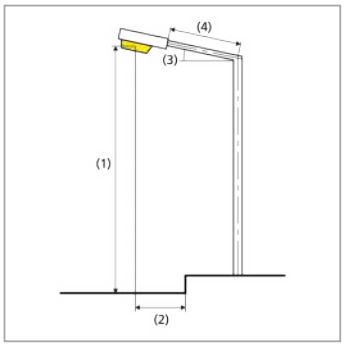
Summary (according to EN 13201:2015)





Manufacturer	Philips	P	91.0 W
Article name	BGP762 T25 1 xLED120-4S/830 DM12	Φ_{Lamp}	12000 lm
		$\Phi_{Luminaire}$	10912 lm
Fitting	1x LED120-4S/830	η	90.93 %

BGP762 T25 1 xLED120-4S/830 DM12 (single side top)

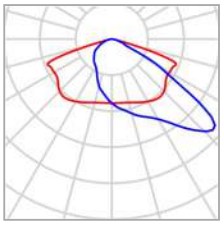


Pole distance	27.000 m
(1) Light spot height	8.500 m
(2) Light point overhang	0.800 m
(3) Boom inclination	15.0°
(4) Boom length	1.500 m
Annual operating hours	4000 h: 100.0 %, 91.0 W
Wattage / route	3367.0 W/km
ULR / ULOR	0.00 / 0.00
Max. luminous intensities Any direction forming the specified angle from the downward vertical, with the luminaire installed for use.	≥ 70°: 812 cd/klm ≥ 80°: 450 cd/klm ≥ 90°: 12.9 cd/klm
Glare index class	D.6
MF	0.80

DIALux

Sausio 15-osios g. prie Avitelos

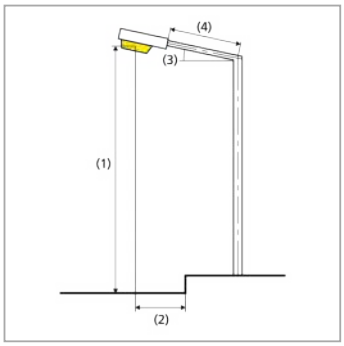
Summary (according to EN 13201:2015)





Manufacturer	Philips	P	18.6 W
Article name	BGP760 T25 1 xLED22-4S/830 DM31	Φ_{Lamp}	2200 lm
		$\Phi_{Luminaire}$	2010 lm
Fitting	1x LED22-4S/830	η	91.38 %

BGP760 T25 1 xLED22-4S/830 DM31 (single side top)



Pole distance	27.000 m
(1) Light spot height	6.000 m
(2) Light point overhang	-0.200 m
(3) Boom inclination	0.0°
(4) Boom length	0.500 m
Annual operating hours	4000 h: 100.0 %, 18.6 W
Wattage / route	688.2 W/km
ULR / ULOR	0.00 / 0.00
Max. luminous intensities Any direction forming the specified angle from the downward vertical, with the luminaire installed for use.	≥ 70°: 288 cd/klm ≥ 80°: 14.7 cd/klm ≥ 90°: 0.00 cd/klm
Luminous intensity class The luminous intensity values in [cd/klm] for calculation of the luminous intensity class refer to the luminaire luminous flux according to EN 13201:2015.	G*6
Glare index class	D.6
MF	0.80

Sausio 15-osios g. prie Avitelos

Summary (according to EN 13201:2015)

Results for valuation fields

A maintenance factor of 0.80 was used for calculating for the installation.

	Symbol	Calculated	Target	Check
Sidewalk (P3)	E_{av}	14.52 lx	[7.50 - 11.25] lx	✓
	E_{min}	6.88 lx	≥ 1.50 lx	✓
Sausio 15-osios g. prie Avitelos	L_{av}	1.08 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.43	≥ 0.40	✓
	U_l	0.75	≥ 0.60	✓
	TI	12 %	≤ 15 %	✓
	R_{EI}	0.55	≥ 0.30	✓

Results for energy efficiency indicators

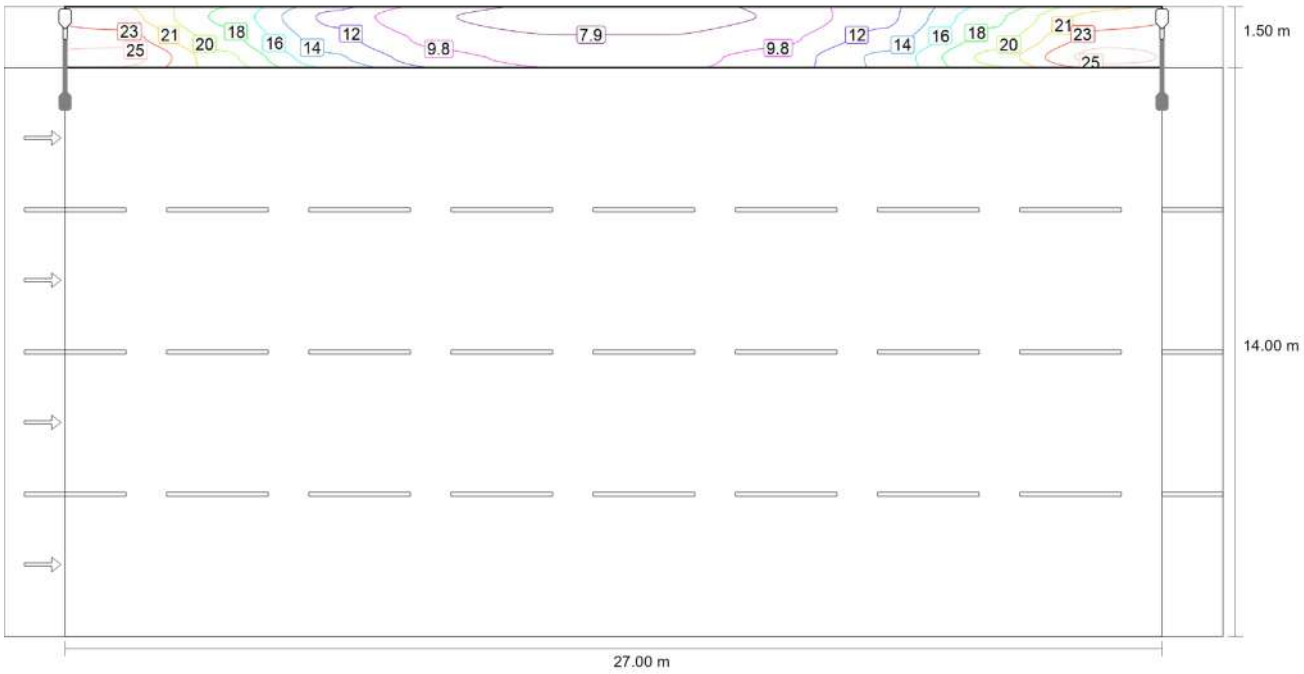
	Symbol	Calculated	Energy Consumption
Sausio 15-osios g. prie Avitelos	D_p	0.003 W/lx*m²	
BGP762 T25 1 xLED120-4S/830 DM12 (single side top)	D_e	0.9 kWh/m² yr	364.0 kWh/yr
BGP760 T25 1 xLED22-4S/830 DM31 (single side top)	D_e	0.2 kWh/m² yr	74.4 kWh/yr

Sausio 15-osios g. prie Avitelos

Sidewalk (P3)

Results for valuation field

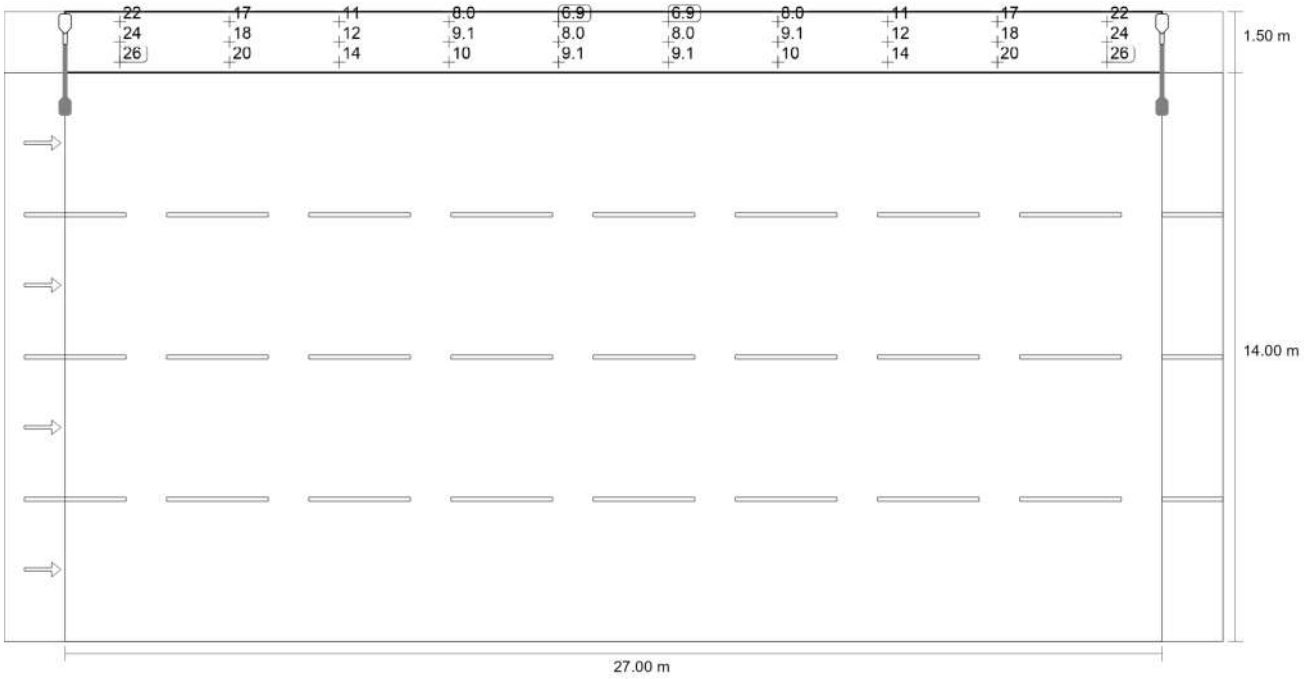
	Symbol	Calculated	Target	Check
Sidewalk (P3)	E_{av}	14.52 lx	[7.50 - 11.25] lx	✓
	E_{min}	6.88 lx	≥ 1.50 lx	✓



Maintenance value, horizontal illuminance [lx] (Iso-illuminance curves)

Sausio 15-osios g. prie Avitelos

Sidewalk (P3)



Maintenance value, horizontal illuminance [lx] (Value grid)

m	1.350	4.050	6.750	9.450	12.150	14.850	17.550	20.250	22.950	25.650
15.250	22.36	17.16	11.24	7.96	6.88	6.88	7.96	11.24	17.16	22.36
14.750	24.27	18.34	12.45	9.15	8.00	8.00	9.15	12.45	18.34	24.27
14.250	26.35	20.07	14.05	10.47	9.14	9.14	10.47	14.05	20.07	26.35

Maintenance value, horizontal illuminance [lx] (Value chart)

	E_{av}	E_{min}	E_{max}	U_o (g_1)	g_2
Maintenance value, horizontal illuminance	14.5 lx	6.88 lx	26.4 lx	0.47	0.26

Sausio 15-osios g. prie Avitelos

Sausio 15-osios g. prie Avitelos

Results for valuation field

	Symbol	Calculated	Target	Check
Sausio 15-osios g. prie Avitelos	L_{av}	1.08 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.43	≥ 0.40	✓
	U_l	0.75	≥ 0.60	✓
	TI	12 %	≤ 15 %	✓
	R_{EI}	0.55	≥ 0.30	✓

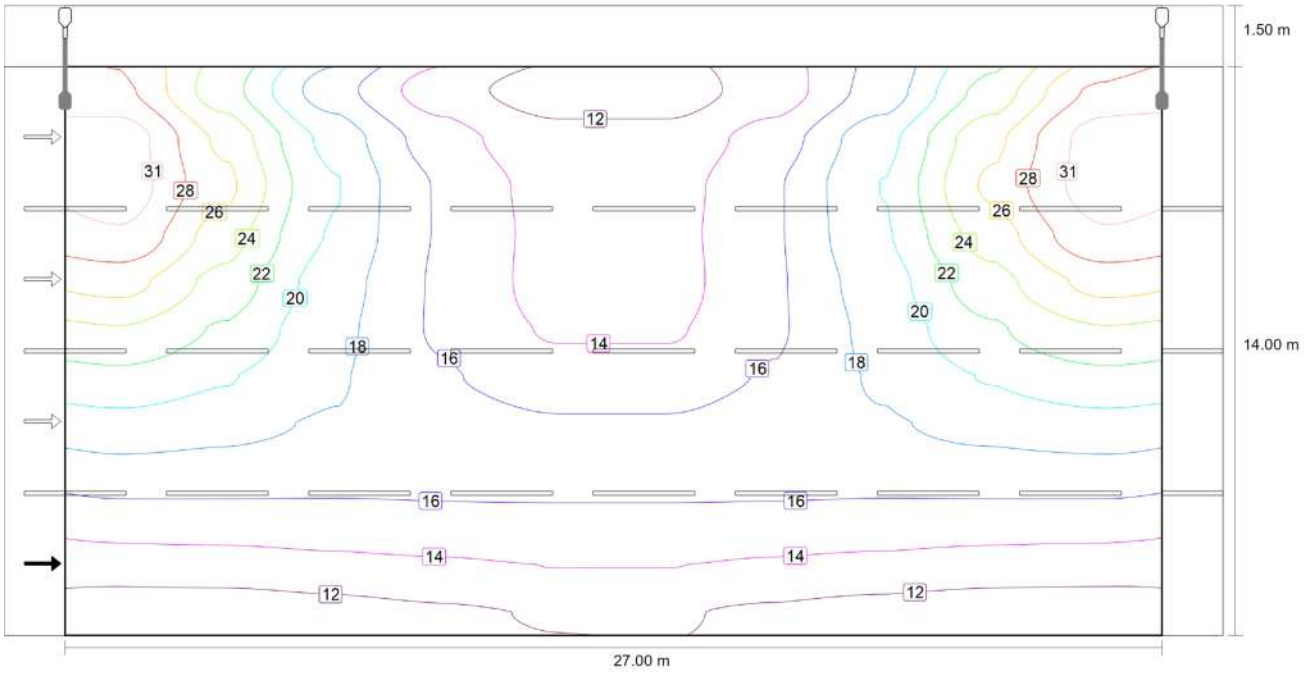
Results for observer

	Symbol	Calculated	Target	Check
Observer 1 Position: -60.000 m, 1.750 m, 1.500 m	L_{av}	1.29 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.43	≥ 0.40	✓
	U_l	0.75	≥ 0.60	✓
	TI	6 %	≤ 15 %	✓
Observer 2 Position: -60.000 m, 5.250 m, 1.500 m	L_{av}	1.23 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.44	≥ 0.40	✓
	U_l	0.85	≥ 0.60	✓
	TI	10 %	≤ 15 %	✓
Observer 3 Position: -60.000 m, 8.750 m, 1.500 m	L_{av}	1.15 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.45	≥ 0.40	✓
	U_l	0.87	≥ 0.60	✓
	TI	12 %	≤ 15 %	✓

Sausio 15-osios g. prie Avitelos

Sausio 15-osios g. prie Avitelos

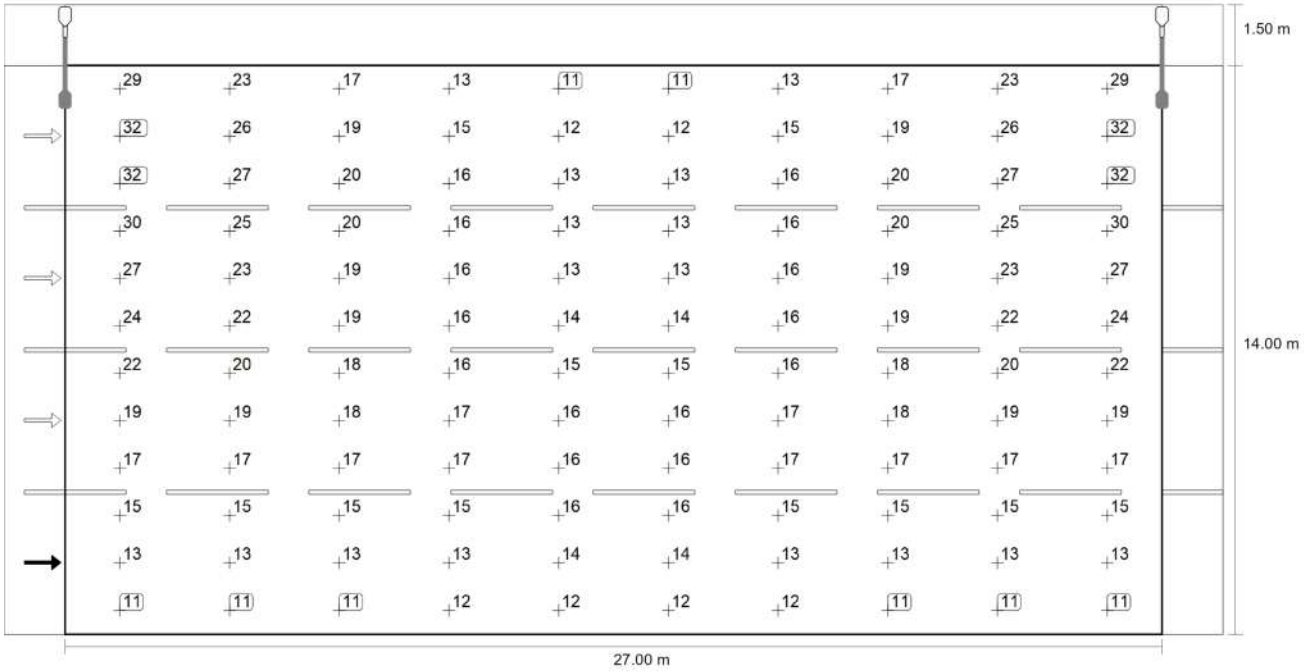
	Symbol	Calculated	Target	Check
Observer 4 Position: -60.000 m, 12.250 m, 1.500 m	L_{av}	1.08 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.47	≥ 0.40	✓
	U_l	0.95	≥ 0.60	✓
	TI	12 %	≤ 15 %	✓



Maintenance value, horizontal illuminance [lx] (Iso-illuminance curves)

Sausio 15-osios g. prie Avitelos

Sausio 15-osios g. prie Avitelos



Maintenance value, horizontal illuminance [lx] (Value grid)

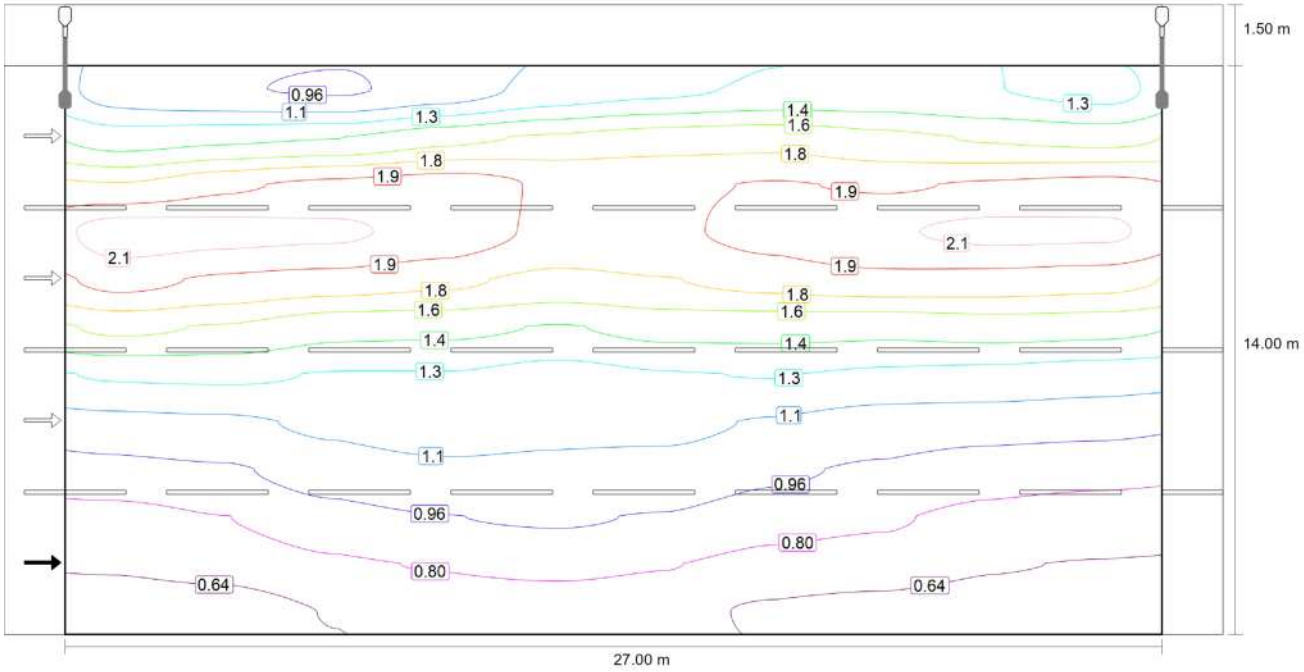
m	1.350	4.050	6.750	9.450	12.150	14.850	17.550	20.250	22.950	25.650
13.417	29.02	23.04	16.82	12.68	10.82	10.82	12.68	16.82	23.04	29.02
12.250	31.55	25.85	19.42	14.83	12.42	12.42	14.83	19.42	25.85	31.55
11.083	31.57	26.77	20.15	15.70	13.12	13.12	15.70	20.15	26.77	31.57
9.917	30.22	25.27	19.88	15.71	13.27	13.27	15.71	19.88	25.27	30.22
8.750	27.04	23.49	19.08	15.63	13.18	13.18	15.63	19.08	23.49	27.04
7.583	24.16	21.91	18.63	15.62	13.64	13.64	15.62	18.63	21.91	24.16
6.417	21.62	20.25	18.24	16.14	14.63	14.63	16.14	18.24	20.25	21.62
5.250	19.28	18.60	17.79	16.90	16.10	16.10	16.90	17.79	18.60	19.28
4.083	17.14	17.01	16.79	16.66	16.48	16.48	16.66	16.79	17.01	17.14
2.917	14.82	14.92	15.04	15.35	15.53	15.53	15.35	15.04	14.92	14.82
1.750	12.60	12.74	13.17	13.48	13.85	13.85	13.48	13.17	12.74	12.60
0.583	10.69	10.69	11.08	11.53	11.81	11.81	11.53	11.08	10.69	10.69

Maintenance value, horizontal illuminance [lx] (Value chart)

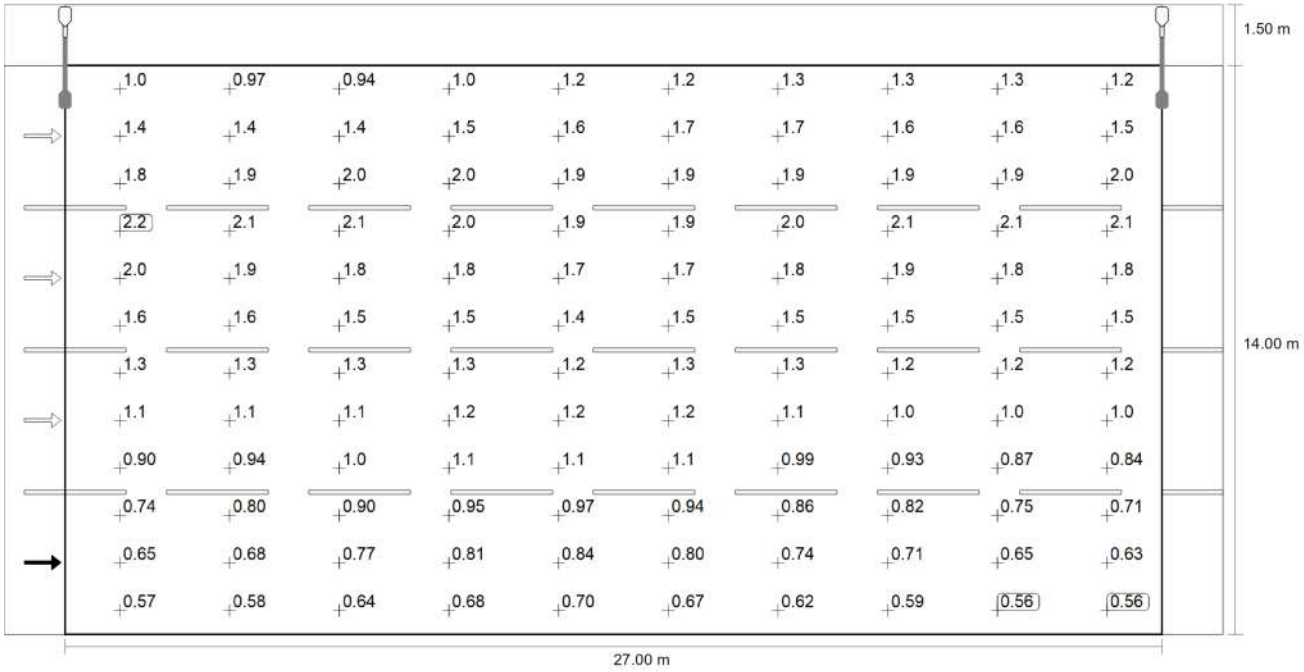
	E_{av}	E_{min}	E_{max}	U_o (g_1)	g_2
Maintenance value, horizontal illuminance	17.7 lx	10.7 lx	31.6 lx	0.60	0.34

Sausio 15-osios g. prie Avitelos

Sausio 15-osios g. prie Avitelos



Observer 1: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)



Observer 1: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

Sausio 15-osios g. prie Avitelos

Sausio 15-osios g. prie Avitelos

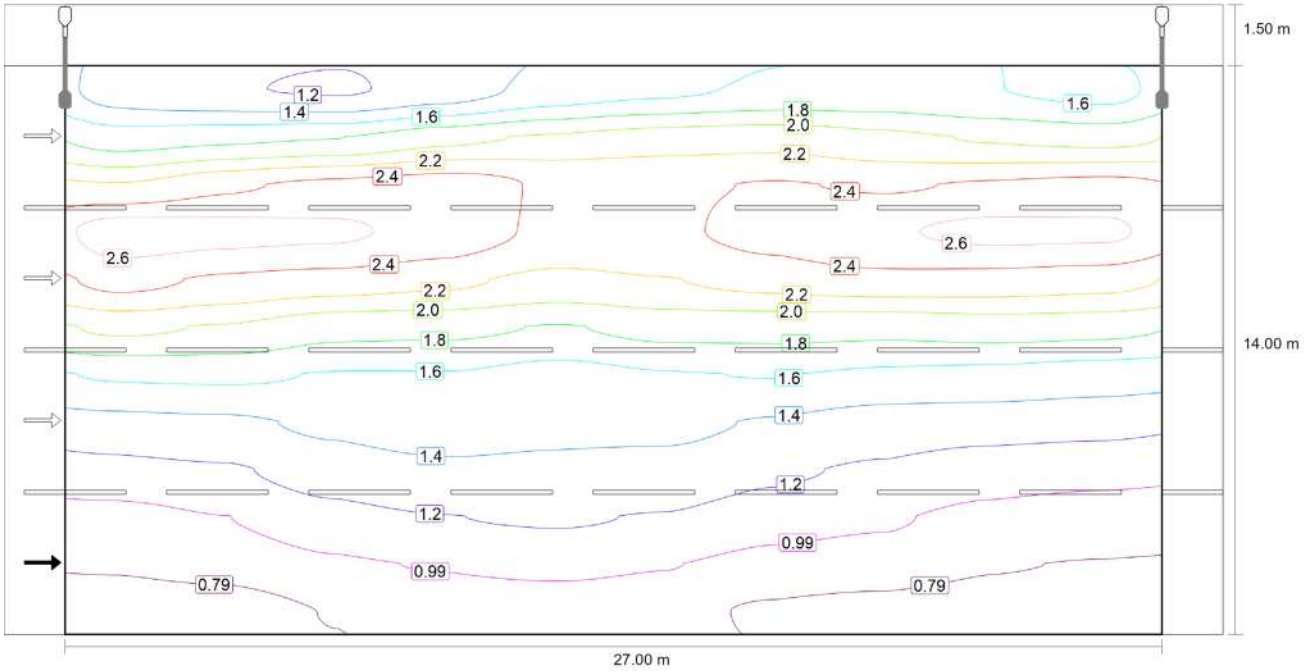
m	1.350	4.050	6.750	9.450	12.150	14.850	17.550	20.250	22.950	25.650
13.417	1.03	0.97	0.94	1.03	1.17	1.24	1.30	1.31	1.28	1.22
12.250	1.37	1.40	1.43	1.55	1.61	1.67	1.70	1.64	1.58	1.54
11.083	1.77	1.89	1.95	1.98	1.90	1.90	1.92	1.90	1.94	1.97
9.917	2.16	2.13	2.10	2.01	1.88	1.90	1.97	2.05	2.12	2.11
8.750	1.97	1.89	1.85	1.80	1.71	1.75	1.82	1.86	1.84	1.81
7.583	1.63	1.58	1.48	1.47	1.43	1.48	1.48	1.47	1.50	1.48
6.417	1.29	1.30	1.27	1.27	1.22	1.27	1.28	1.24	1.22	1.18
5.250	1.07	1.09	1.15	1.19	1.16	1.15	1.10	1.04	1.02	1.00
4.083	0.90	0.94	1.03	1.08	1.07	1.06	0.99	0.93	0.87	0.84
2.917	0.74	0.80	0.90	0.95	0.97	0.94	0.86	0.82	0.75	0.71
1.750	0.65	0.68	0.77	0.81	0.84	0.80	0.74	0.71	0.65	0.63
0.583	0.57	0.58	0.64	0.68	0.70	0.67	0.62	0.59	0.56	0.56

Observer 1: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

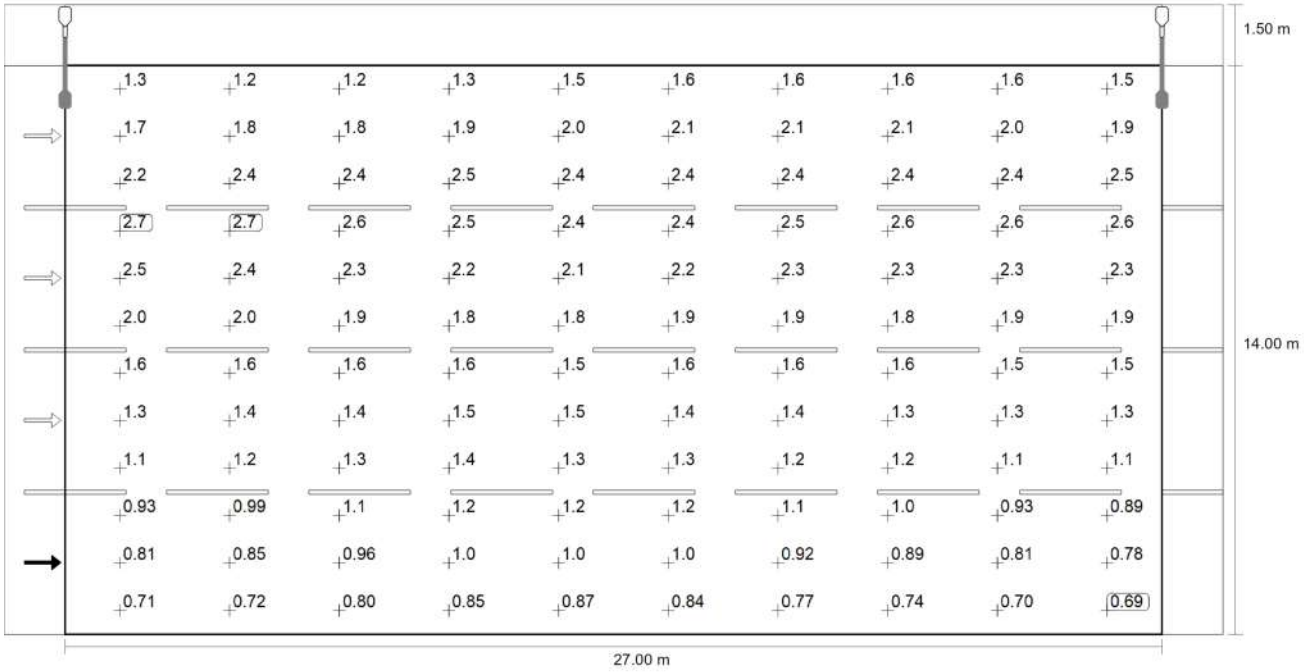
	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 1: Maintenance value, luminance with dry roadway	1.29 cd/m²	0.56 cd/m²	2.16 cd/m²	0.43	0.26

Sausio 15-osios g. prie Avitelos

Sausio 15-osios g. prie Avitelos



Observer 1: Luminance with new installation [cd/m²] (Iso-illuminance curves)



Observer 1: Luminance with new installation [cd/m²] (Value grid)

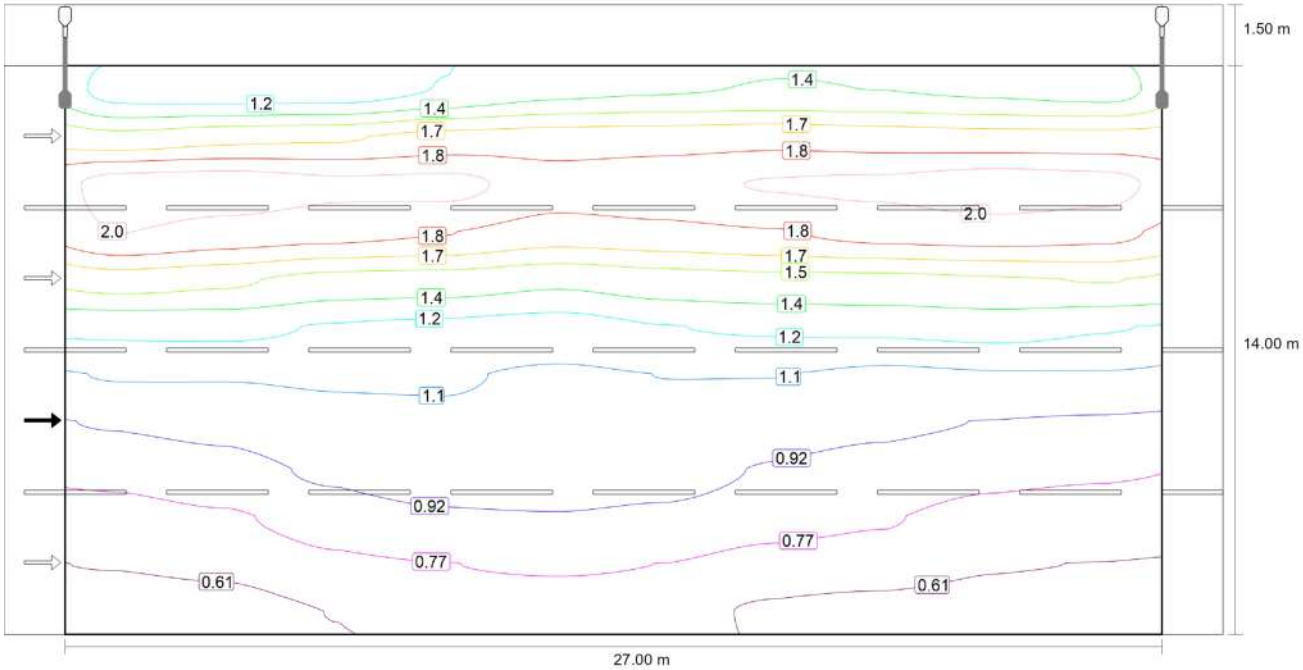
Sausio 15-osios g. prie Avitelos

Sausio 15-osios g. prie Avitelos

m	1.350	4.050	6.750	9.450	12.150	14.850	17.550	20.250	22.950	25.650
13.417	1.29	1.21	1.17	1.28	1.47	1.55	1.62	1.64	1.60	1.53
12.250	1.71	1.76	1.79	1.94	2.02	2.09	2.12	2.05	1.97	1.93
11.083	2.21	2.36	2.44	2.47	2.37	2.37	2.41	2.37	2.42	2.46
9.917	2.70	2.66	2.63	2.52	2.36	2.37	2.46	2.57	2.64	2.63
8.750	2.46	2.36	2.31	2.24	2.13	2.19	2.27	2.33	2.31	2.27
7.583	2.03	1.98	1.85	1.84	1.79	1.85	1.85	1.84	1.87	1.85
6.417	1.61	1.62	1.58	1.59	1.53	1.58	1.60	1.55	1.53	1.48
5.250	1.33	1.36	1.43	1.49	1.45	1.44	1.38	1.30	1.28	1.25
4.083	1.12	1.17	1.29	1.35	1.34	1.32	1.23	1.16	1.08	1.05
2.917	0.93	0.99	1.12	1.19	1.21	1.18	1.08	1.02	0.93	0.89
1.750	0.81	0.85	0.96	1.01	1.05	1.01	0.92	0.89	0.81	0.78
0.583	0.71	0.72	0.80	0.85	0.87	0.84	0.77	0.74	0.70	0.69

Observer 1: Luminance with new installation [cd/m²] (Value chart)

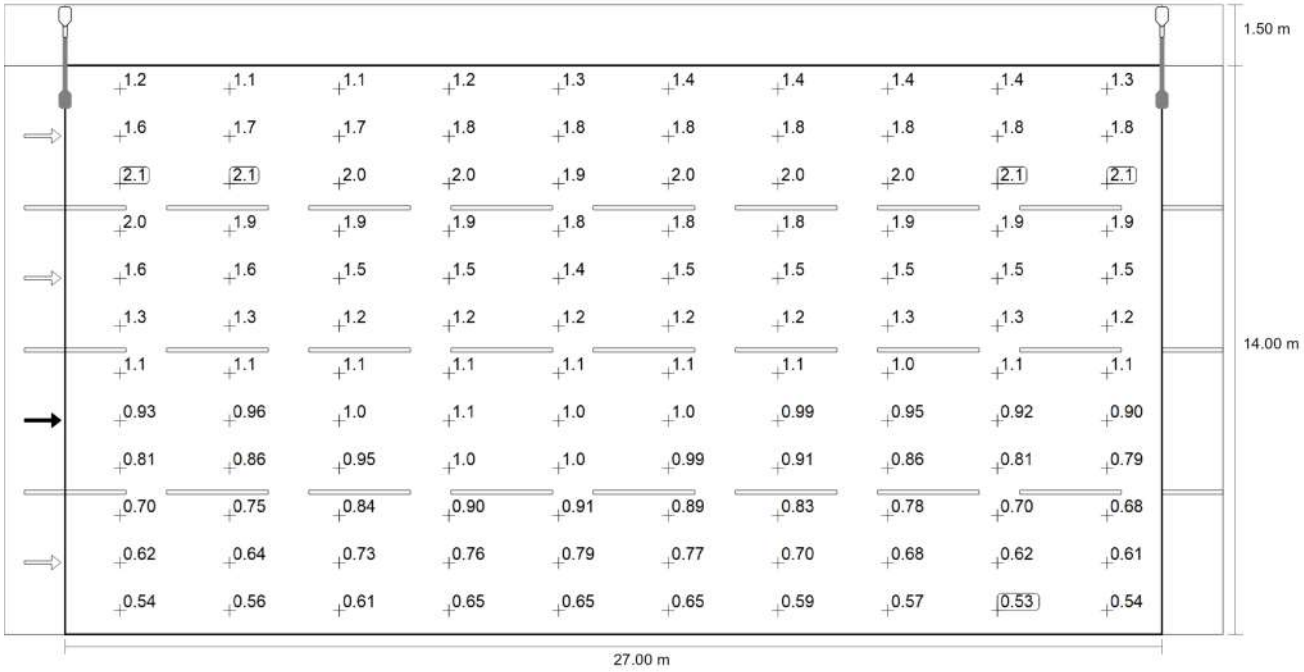
	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 1: Luminance with new installation	1.61 cd/m²	0.69 cd/m²	2.70 cd/m²	0.43	0.26



Observer 2: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

Sausio 15-osios g. prie Avitelos

Sausio 15-osios g. prie Avitelos



Observer 2: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

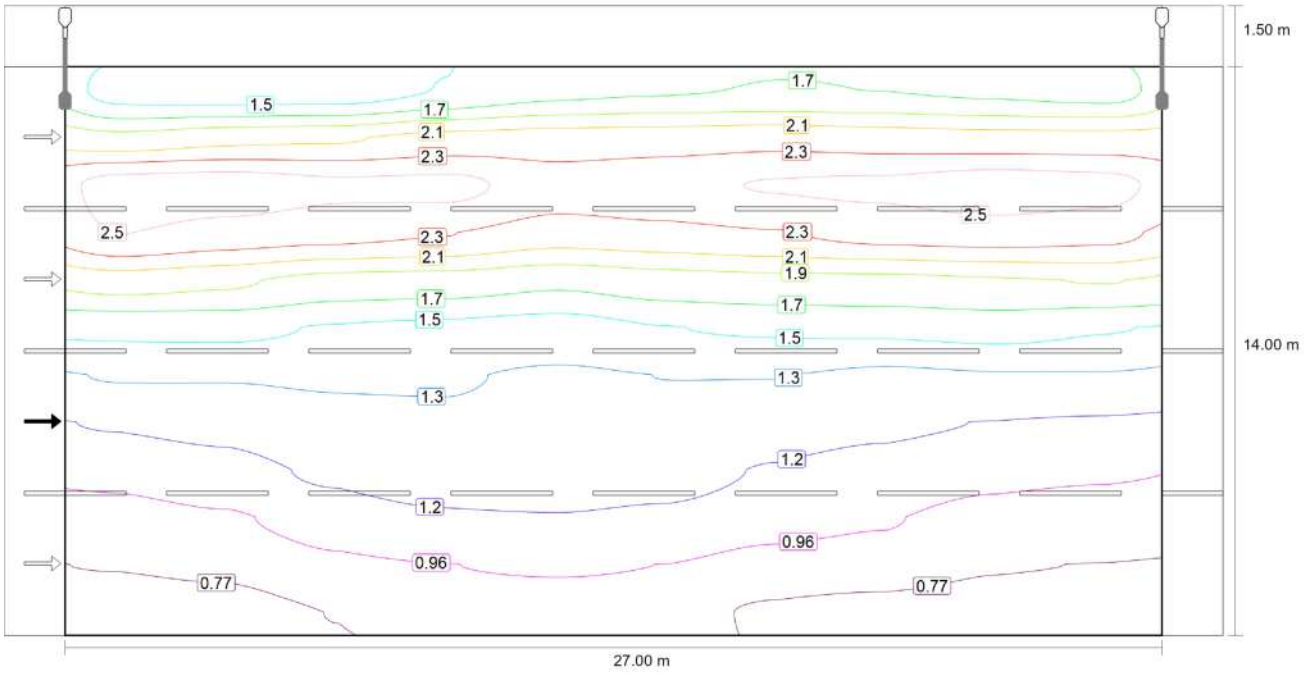
m	1.350	4.050	6.750	9.450	12.150	14.850	17.550	20.250	22.950	25.650
13.417	1.16	1.14	1.14	1.24	1.34	1.37	1.39	1.38	1.36	1.32
12.250	1.60	1.66	1.68	1.75	1.77	1.78	1.81	1.78	1.76	1.76
11.083	2.06	2.08	2.03	2.04	1.93	1.96	2.01	2.03	2.08	2.05
9.917	2.01	1.94	1.90	1.86	1.76	1.79	1.84	1.90	1.92	1.90
8.750	1.61	1.57	1.48	1.47	1.41	1.46	1.49	1.50	1.52	1.55
7.583	1.26	1.27	1.22	1.19	1.16	1.23	1.25	1.26	1.28	1.24
6.417	1.09	1.08	1.10	1.09	1.06	1.08	1.08	1.04	1.06	1.06
5.250	0.93	0.96	1.02	1.05	1.03	1.03	0.99	0.95	0.92	0.90
4.083	0.81	0.86	0.95	1.01	1.00	0.99	0.91	0.86	0.81	0.79
2.917	0.70	0.75	0.84	0.90	0.91	0.89	0.83	0.78	0.70	0.68
1.750	0.62	0.64	0.73	0.76	0.79	0.77	0.70	0.68	0.62	0.61
0.583	0.54	0.56	0.61	0.65	0.65	0.65	0.59	0.57	0.53	0.54

Observer 2: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

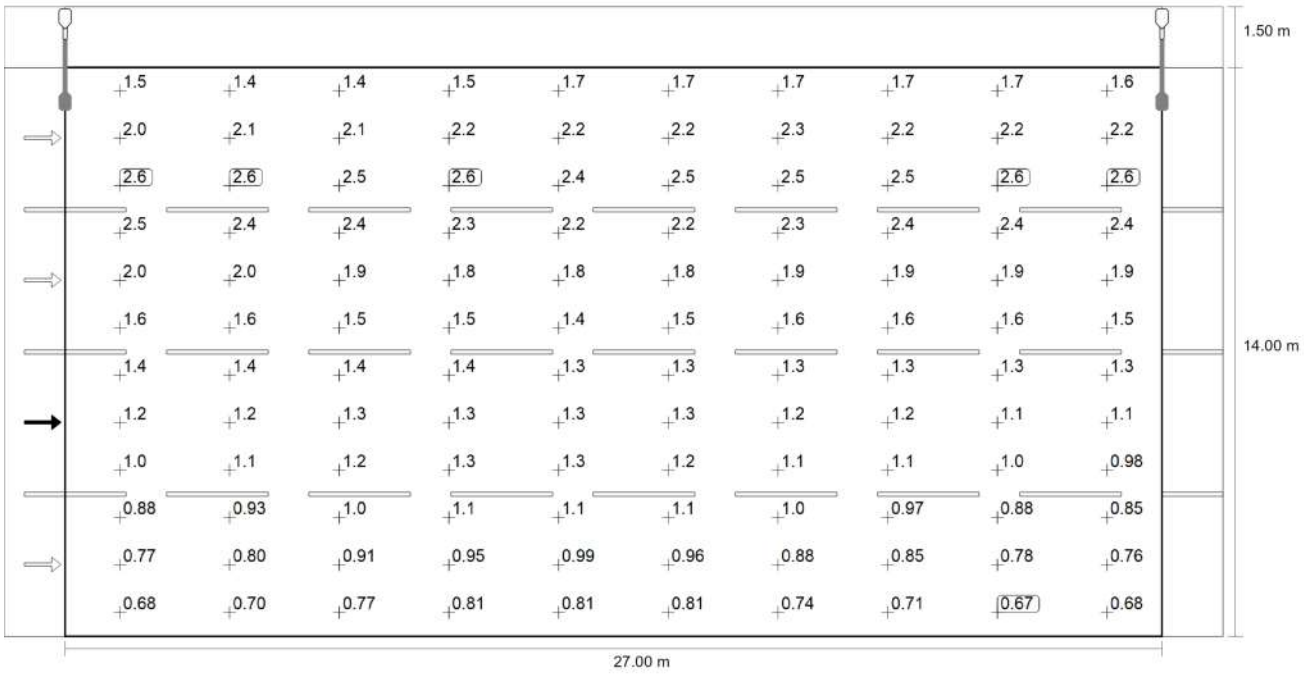
	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 2: Maintenance value, luminance with dry roadway	1.23 cd/m²	0.53 cd/m²	2.08 cd/m²	0.44	0.26

Sausio 15-osios g. prie Avitelos

Sausio 15-osios g. prie Avitelos



Observer 2: Luminance with new installation [cd/m²] (Iso-illuminance curves)



Sausio 15-osios g. prie Avitelos

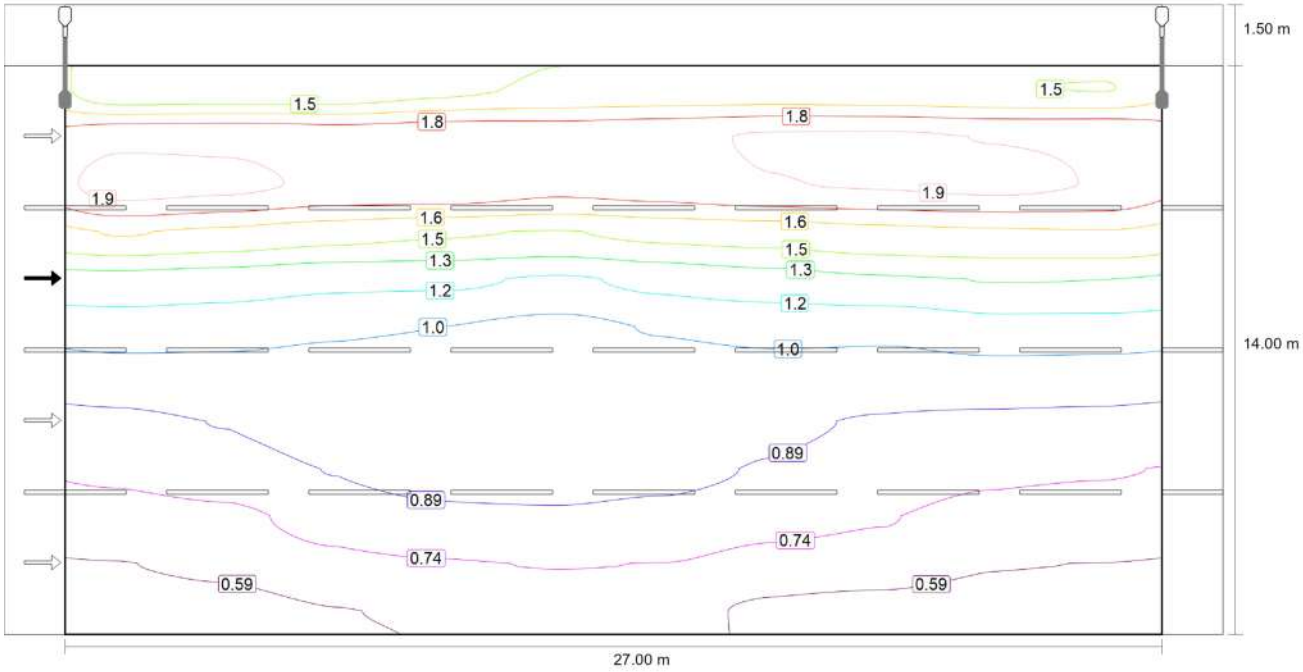
Sausio 15-osios g. prie Avitelos

Observer 2: Luminance with new installation [cd/m²] (Value grid)

m	1.350	4.050	6.750	9.450	12.150	14.850	17.550	20.250	22.950	25.650
13.417	1.46	1.43	1.43	1.55	1.67	1.72	1.74	1.73	1.70	1.65
12.250	2.00	2.07	2.10	2.19	2.21	2.23	2.26	2.23	2.20	2.20
11.083	2.57	2.60	2.54	2.55	2.41	2.45	2.52	2.54	2.60	2.57
9.917	2.51	2.42	2.38	2.32	2.21	2.24	2.30	2.38	2.41	2.37
8.750	2.01	1.96	1.85	1.83	1.77	1.83	1.86	1.87	1.91	1.93
7.583	1.57	1.58	1.52	1.49	1.45	1.53	1.56	1.57	1.60	1.55
6.417	1.36	1.35	1.37	1.36	1.32	1.35	1.35	1.31	1.33	1.33
5.250	1.17	1.20	1.27	1.32	1.29	1.29	1.24	1.19	1.15	1.13
4.083	1.01	1.08	1.19	1.26	1.25	1.23	1.13	1.07	1.01	0.98
2.917	0.88	0.93	1.05	1.12	1.14	1.11	1.03	0.97	0.88	0.85
1.750	0.77	0.80	0.91	0.95	0.99	0.96	0.88	0.85	0.78	0.76
0.583	0.68	0.70	0.77	0.81	0.81	0.81	0.74	0.71	0.67	0.68

Observer 2: Luminance with new installation [cd/m²] (Value chart)

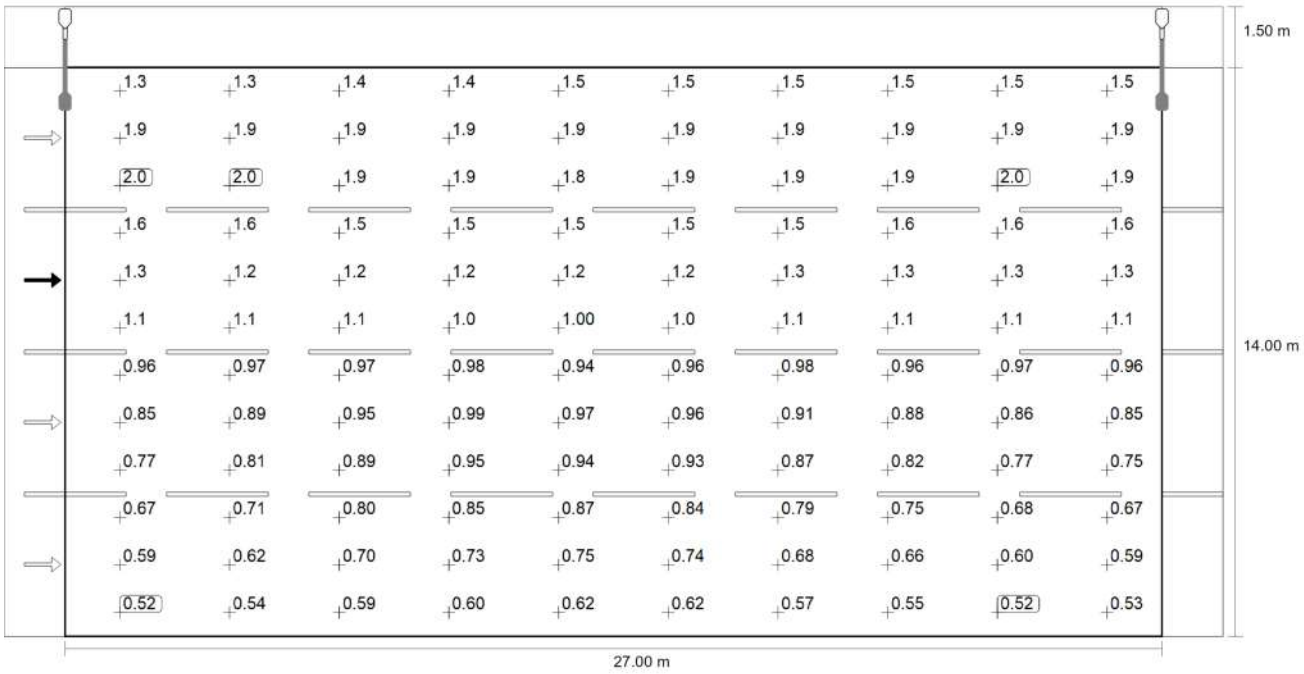
	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 2: Luminance with new installation	1.53 cd/m²	0.67 cd/m²	2.60 cd/m²	0.44	0.26



Sausio 15-osios g. prie Avitelos

Sausio 15-osios g. prie Avitelos

Observer 3: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)



Observer 3: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

Sausio 15-osios g. prie Avitelos

Sausio 15-osios g. prie Avitelos

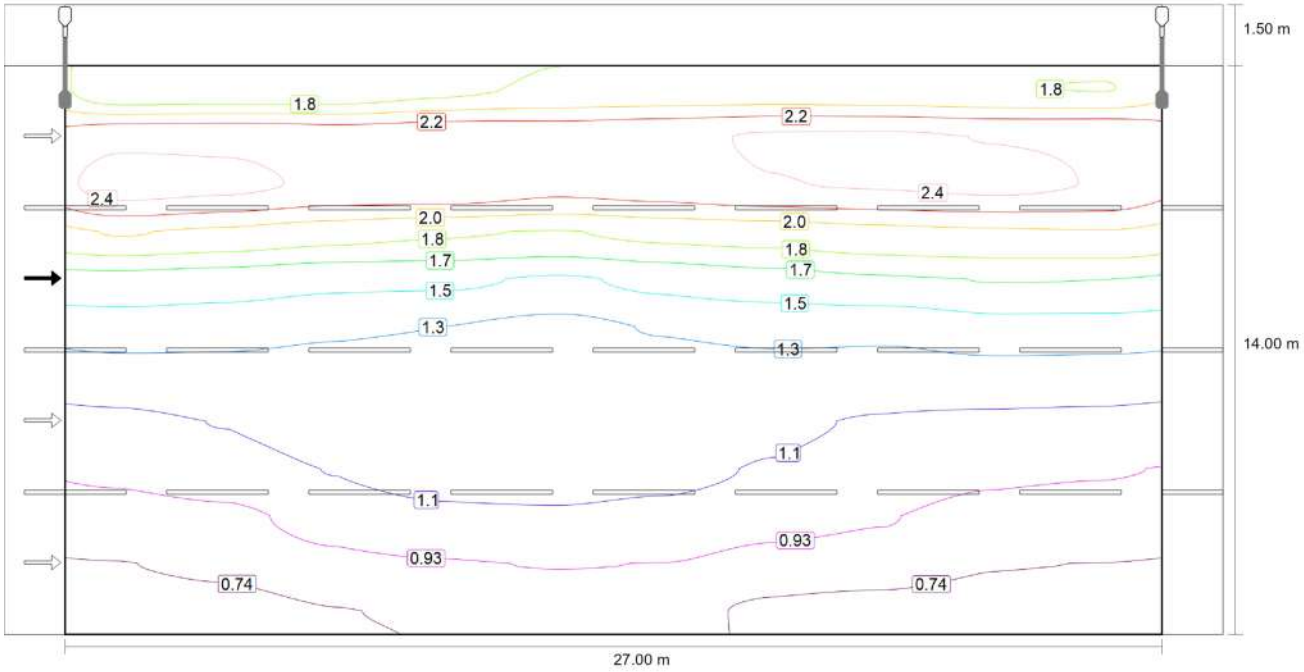
m	1.350	4.050	6.750	9.450	12.150	14.850	17.550	20.250	22.950	25.650
13.417	1.34	1.35	1.36	1.44	1.50	1.51	1.52	1.50	1.48	1.47
12.250	1.88	1.89	1.85	1.87	1.86	1.89	1.93	1.93	1.91	1.90
11.083	1.99	1.95	1.89	1.89	1.82	1.85	1.91	1.92	1.95	1.91
9.917	1.63	1.59	1.53	1.49	1.47	1.51	1.53	1.58	1.60	1.61
8.750	1.27	1.25	1.21	1.20	1.16	1.22	1.26	1.31	1.33	1.33
7.583	1.10	1.08	1.05	1.03	1.00	1.05	1.07	1.07	1.12	1.12
6.417	0.96	0.97	0.97	0.98	0.94	0.96	0.98	0.96	0.97	0.96
5.250	0.85	0.89	0.95	0.99	0.97	0.96	0.91	0.88	0.86	0.85
4.083	0.77	0.81	0.89	0.95	0.94	0.93	0.87	0.82	0.77	0.75
2.917	0.67	0.71	0.80	0.85	0.87	0.84	0.79	0.75	0.68	0.67
1.750	0.59	0.62	0.70	0.73	0.75	0.74	0.68	0.66	0.60	0.59
0.583	0.52	0.54	0.59	0.60	0.62	0.62	0.57	0.55	0.52	0.53

Observer 3: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

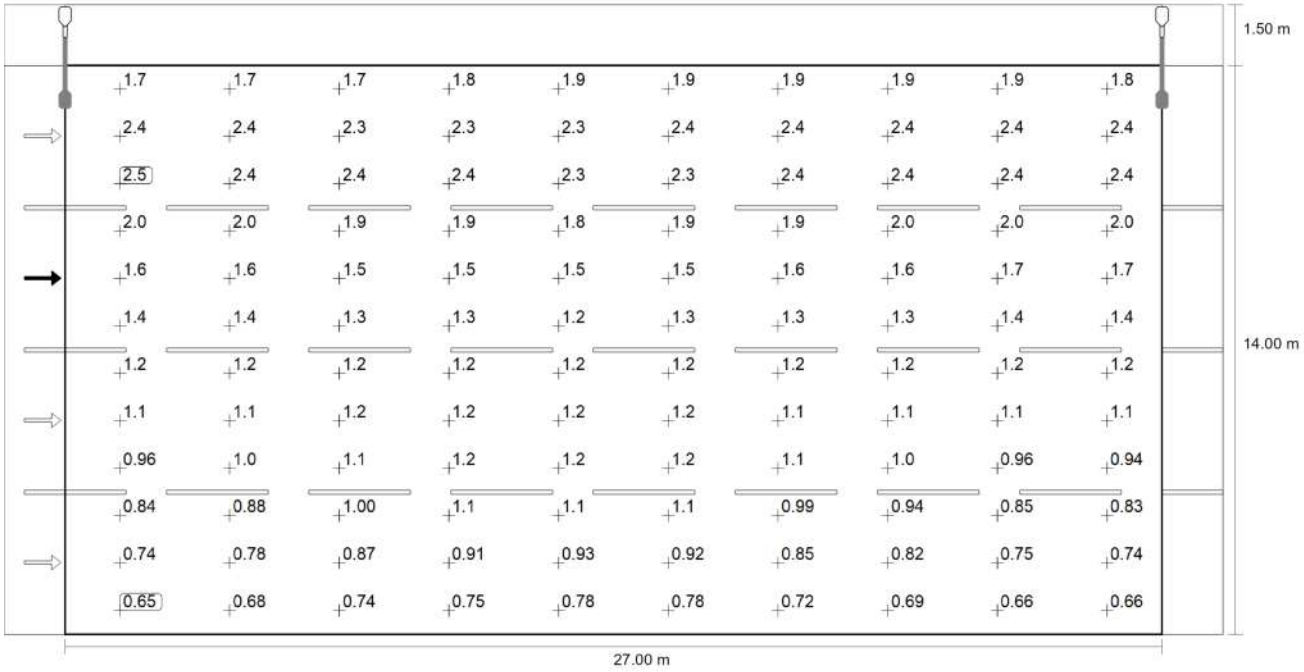
	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 3: Maintenance value, luminance with dry roadway	1.15 cd/m²	0.52 cd/m²	1.99 cd/m²	0.45	0.26

Sausio 15-osios g. prie Avitelos

Sausio 15-osios g. prie Avitelos



Observer 3: Luminance with new installation [cd/m²] (Iso-illuminance curves)



Observer 3: Luminance with new installation [cd/m²] (Value grid)

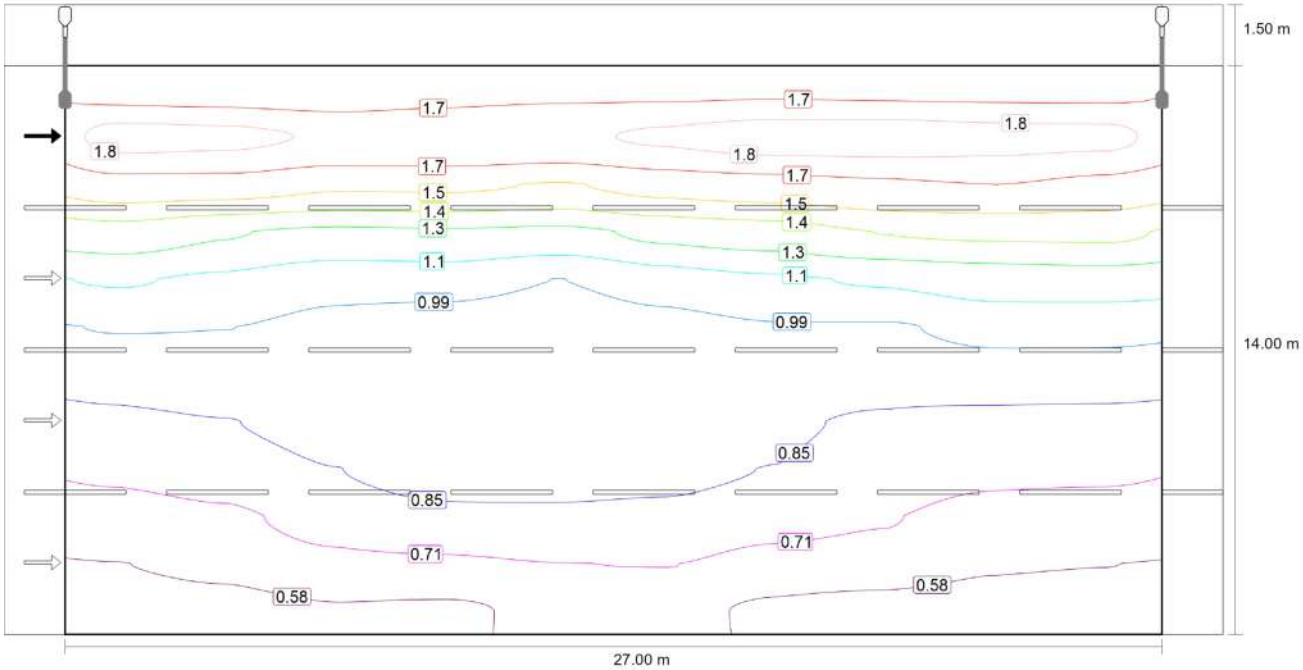
Sausio 15-osios g. prie Avitelos

Sausio 15-osios g. prie Avitelos

m	1.350	4.050	6.750	9.450	12.150	14.850	17.550	20.250	22.950	25.650
13.417	1.68	1.69	1.70	1.80	1.87	1.89	1.90	1.88	1.85	1.84
12.250	2.35	2.36	2.32	2.34	2.32	2.36	2.41	2.41	2.39	2.38
11.083	2.48	2.44	2.36	2.37	2.27	2.31	2.38	2.41	2.44	2.38
9.917	2.04	1.99	1.91	1.86	1.84	1.89	1.92	1.97	2.00	2.02
8.750	1.59	1.56	1.51	1.50	1.45	1.52	1.58	1.63	1.66	1.66
7.583	1.37	1.35	1.31	1.29	1.24	1.31	1.34	1.33	1.40	1.40
6.417	1.21	1.22	1.22	1.22	1.18	1.20	1.22	1.20	1.21	1.20
5.250	1.06	1.11	1.19	1.24	1.21	1.20	1.14	1.09	1.07	1.06
4.083	0.96	1.02	1.12	1.18	1.18	1.16	1.09	1.02	0.96	0.94
2.917	0.84	0.88	1.00	1.06	1.08	1.05	0.99	0.94	0.85	0.83
1.750	0.74	0.78	0.87	0.91	0.93	0.92	0.85	0.82	0.75	0.74
0.583	0.65	0.68	0.74	0.75	0.78	0.78	0.72	0.69	0.66	0.66

Observer 3: Luminance with new installation [cd/m²] (Value chart)

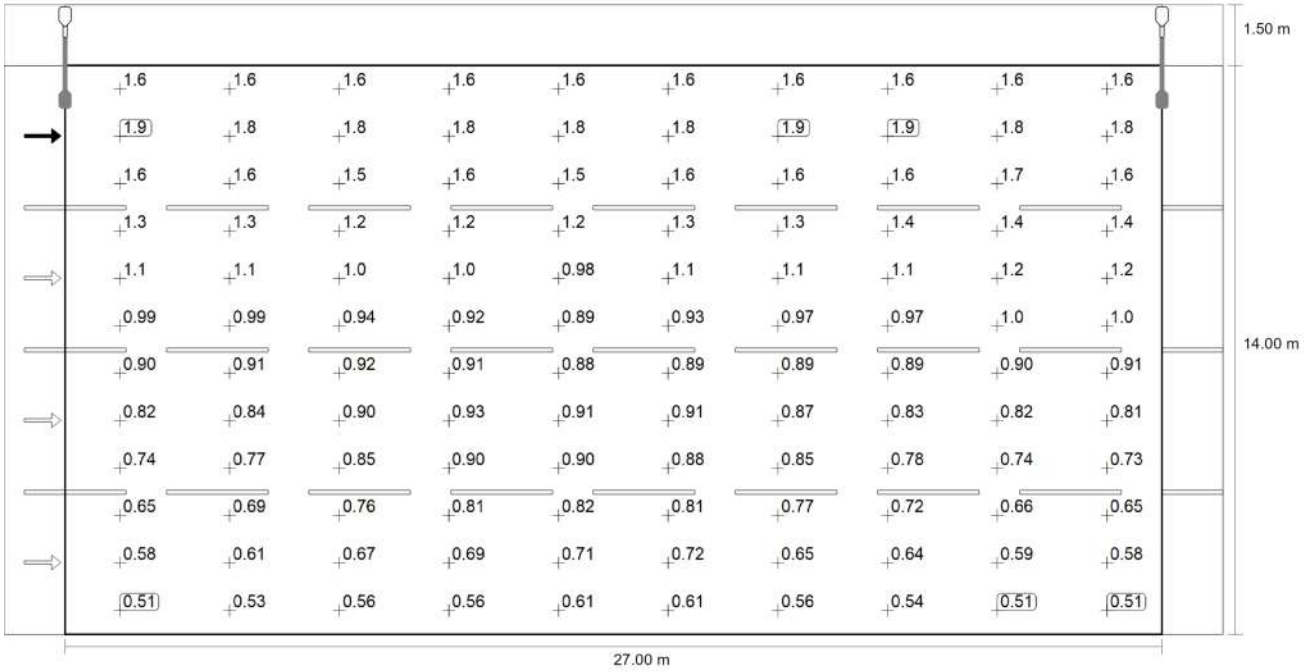
	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 3: Luminance with new installation	1.44 cd/m²	0.65 cd/m²	2.48 cd/m²	0.45	0.26



Observer 4: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

Sausio 15-osios g. prie Avitelos

Sausio 15-osios g. prie Avitelos



Observer 4: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

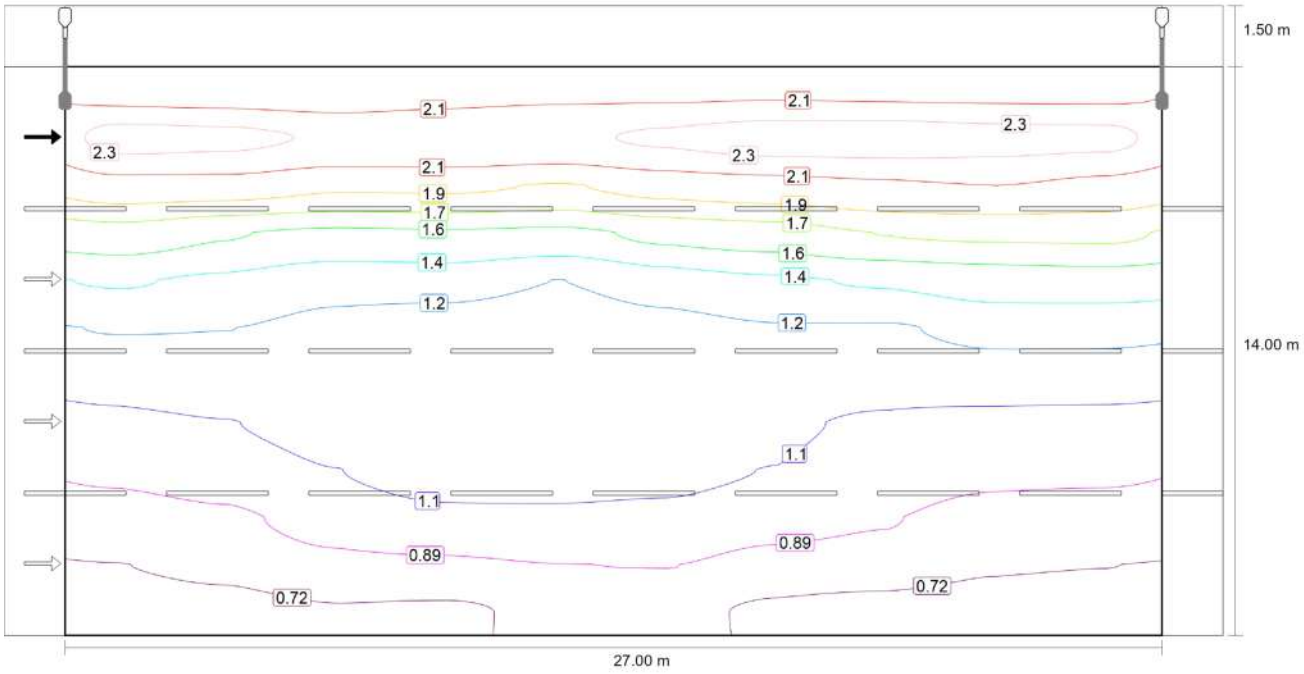
m	1.350	4.050	6.750	9.450	12.150	14.850	17.550	20.250	22.950	25.650
13.417	1.60	1.58	1.56	1.60	1.63	1.63	1.64	1.63	1.62	1.62
12.250	1.85	1.83	1.79	1.79	1.78	1.82	1.87	1.87	1.85	1.84
11.083	1.60	1.60	1.55	1.55	1.52	1.57	1.60	1.64	1.67	1.62
9.917	1.33	1.27	1.23	1.24	1.22	1.29	1.32	1.40	1.41	1.42
8.750	1.13	1.10	1.04	1.04	0.98	1.06	1.10	1.13	1.17	1.19
7.583	0.99	0.99	0.94	0.92	0.89	0.93	0.97	0.97	1.03	1.02
6.417	0.90	0.91	0.92	0.91	0.88	0.89	0.89	0.89	0.90	0.91
5.250	0.82	0.84	0.90	0.93	0.91	0.91	0.87	0.83	0.82	0.81
4.083	0.74	0.77	0.85	0.90	0.90	0.88	0.85	0.78	0.74	0.73
2.917	0.65	0.69	0.76	0.81	0.82	0.81	0.77	0.72	0.66	0.65
1.750	0.58	0.61	0.67	0.69	0.71	0.72	0.65	0.64	0.59	0.58
0.583	0.51	0.53	0.56	0.56	0.61	0.61	0.56	0.54	0.51	0.51

Observer 4: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

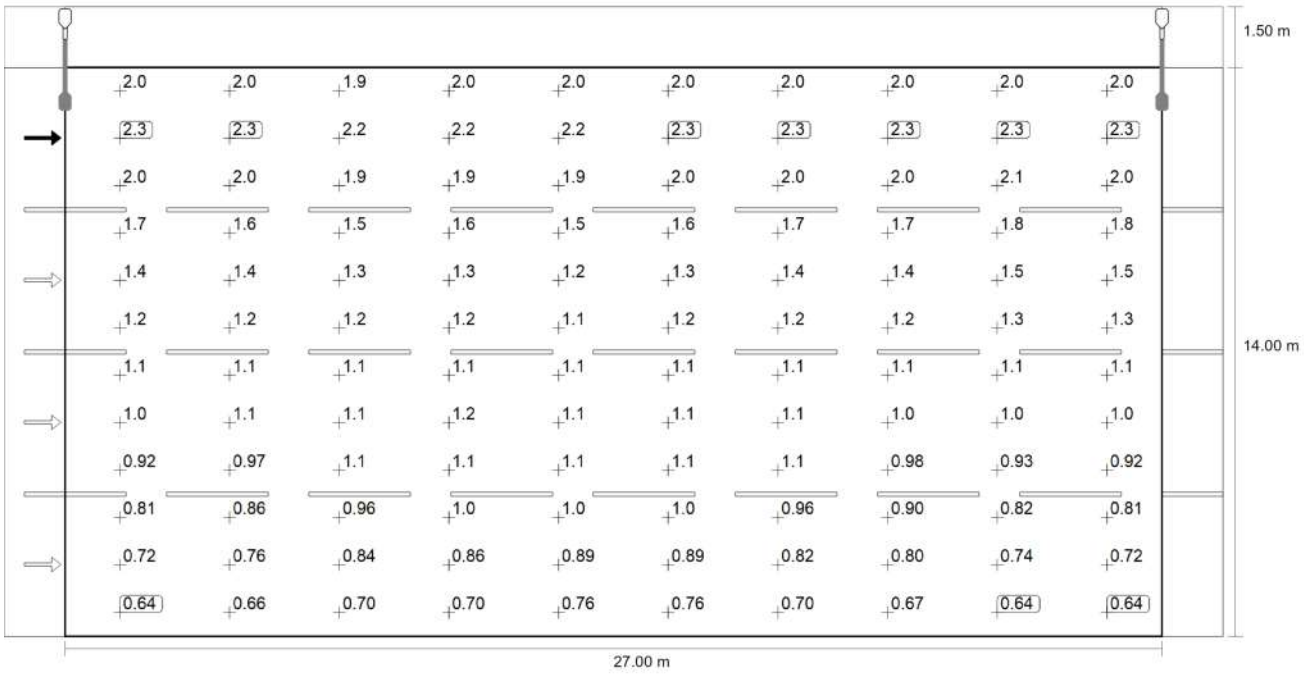
	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 4: Maintenance value, luminance with dry roadway	1.08 cd/m²	0.51 cd/m²	1.87 cd/m²	0.47	0.27

Sausio 15-osios g. prie Avitelos

Sausio 15-osios g. prie Avitelos



Observer 4: Luminance with new installation [cd/m²] (Iso-illuminance curves)



Sausio 15-osios g. prie Avitelos

Sausio 15-osios g. prie Avitelos

Observer 4: Luminance with new installation [cd/m²] (Value grid)

m	1.350	4.050	6.750	9.450	12.150	14.850	17.550	20.250	22.950	25.650
13.417	2.00	1.98	1.95	2.00	2.04	2.04	2.05	2.03	2.03	2.02
12.250	2.31	2.29	2.23	2.24	2.22	2.28	2.34	2.34	2.31	2.30
11.083	2.00	2.00	1.93	1.94	1.90	1.97	2.00	2.05	2.08	2.02
9.917	1.67	1.58	1.54	1.55	1.53	1.61	1.66	1.75	1.77	1.77
8.750	1.41	1.37	1.30	1.30	1.23	1.32	1.38	1.42	1.47	1.48
7.583	1.24	1.23	1.18	1.15	1.11	1.16	1.22	1.22	1.29	1.28
6.417	1.12	1.14	1.15	1.14	1.11	1.11	1.11	1.11	1.13	1.14
5.250	1.02	1.06	1.13	1.17	1.14	1.13	1.09	1.04	1.02	1.01
4.083	0.92	0.97	1.06	1.13	1.12	1.10	1.06	0.98	0.93	0.92
2.917	0.81	0.86	0.96	1.02	1.03	1.02	0.96	0.90	0.82	0.81
1.750	0.72	0.76	0.84	0.86	0.89	0.89	0.82	0.80	0.74	0.72
0.583	0.64	0.66	0.70	0.70	0.76	0.76	0.70	0.67	0.64	0.64

Observer 4: Luminance with new installation [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 4: Luminance with new installation	1.35 cd/m²	0.64 cd/m²	2.34 cd/m²	0.47	0.27

Date 2024-05-15

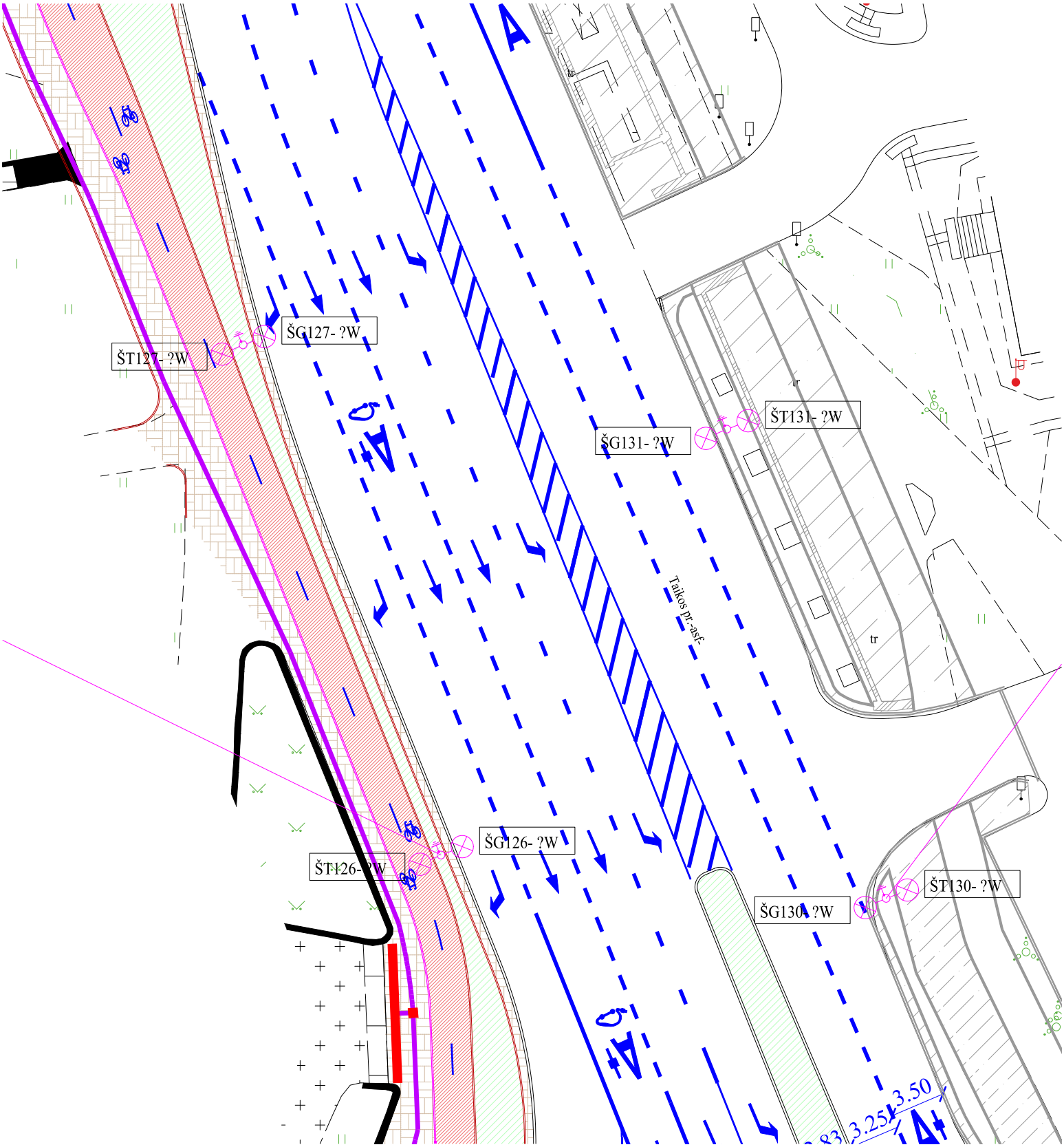
DIALux

Taikos pr. prie AVITELA





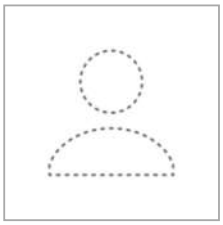
Created with DIALux


ŠG127- ?W
ŠT127- ?W
ŠG131- ?W
ŠT131- ?W
Taikos pr.-asf.
ŠG126- ?W
ŠT126- ?W
ŠG130- ?W
ŠT130- ?W
tr
3.50
3.25

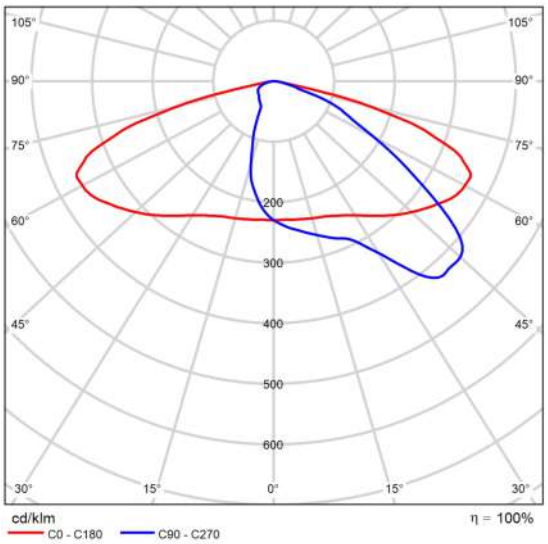
DIALux

Product data sheet

Not yet a DIALux member - NAUTA L 20M 40K F2MD PMMA S 85W



P	85.0 W
Φ_{Lamp}	11813 lm
$\Phi_{Luminaire}$	11814 lm
η	100.01 %
Luminous efficacy	139.0 lm/W
CCT	4000 K
CRI	100



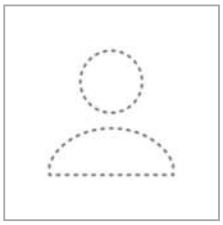
Polar LDC



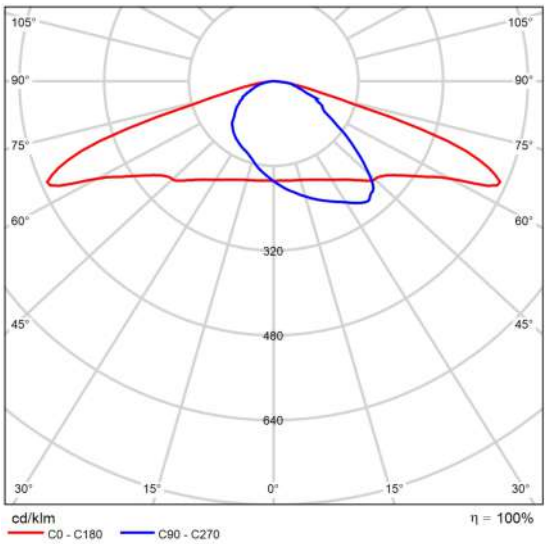
DIALux

Product data sheet

Not yet a DIALux member - NAUTA S 16T 40K F1T2 PMMA S 17W



P	17.0 W
Φ_{Lamp}	2578 lm
$\Phi_{Luminaire}$	2578 lm
η	100.01 %
Luminous efficacy	151.7 lm/W
CCT	4000 K
CRI	100

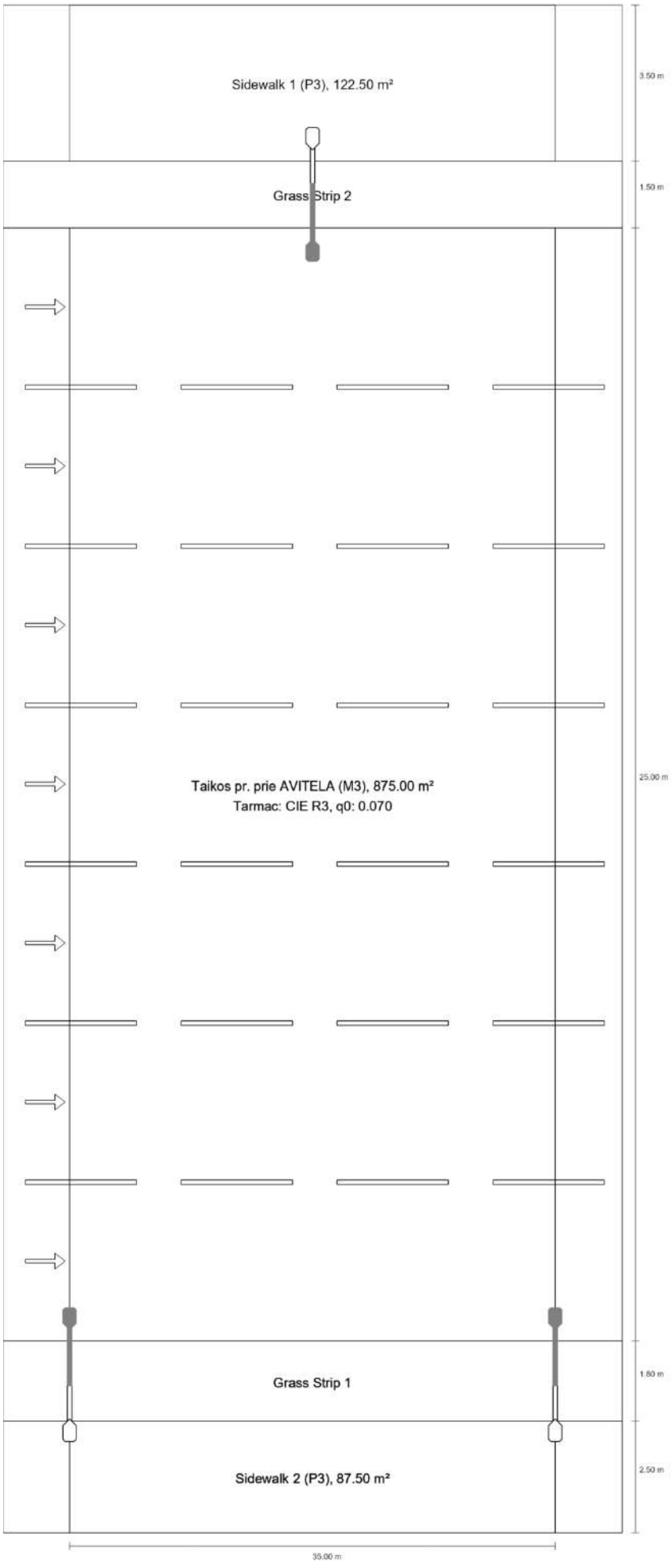


Polar LDC



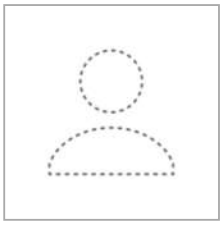
DIALux

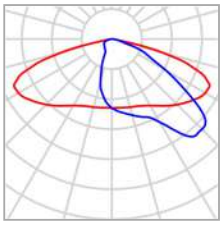
Summary (according to EN 13201:2015)



Taikos pr. prie AVITELA

Summary (according to EN 13201:2015)



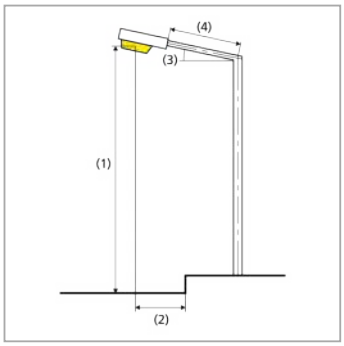




Manufacturer	Not yet a DIALux member
Article name	NAUTA L 20M 40K F2MD PMMA S 85W
Fitting	1x 350mA

P	85.0 W
Φ_{Lamp}	11813 lm
$\Phi_{Luminaire}$	11814 lm
η	100.01 %

NAUTA L 20M 40K F2MD PMMA S 85W (both sides offset)

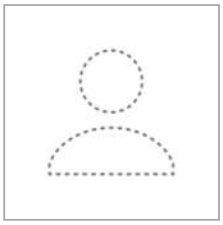


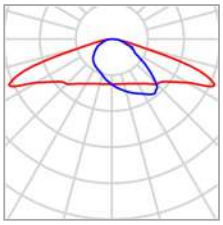
Pole distance	35.000 m
(1) Light spot height	9.000 m
(2) Light point overhang	0.500 m
(3) Boom inclination	0.0°
(4) Boom length	1.500 m
Annual operating hours	4000 h: 100.0 %, 85.0 W
Wattage / route	4930.0 W/km
ULR / ULOR	0.00 / 0.00
Max. luminous intensities Any direction forming the specified angle from the downward vertical, with the luminaire installed for use.	≥ 70°: 441 cd/klm ≥ 80°: 35.7 cd/klm ≥ 90°: 2.53 cd/klm
Luminous intensity class The luminous intensity values in [cd/klm] for calculation of the luminous intensity class refer to the luminaire luminous flux according to EN 13201:2015.	G*4
Glare index class	D.4
MF	0.80

DIALux

Taikos pr. prie AVITELA

Summary (according to EN 13201:2015)



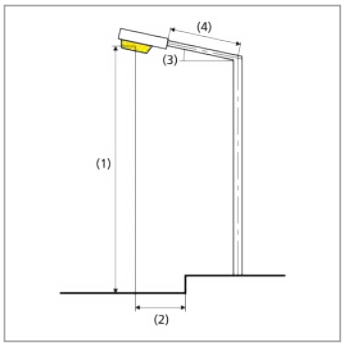




Manufacturer	Not yet a DIALux member
Article name	NAUTA S 16T 40K F1T2 PMMA S 17W
Fitting	1x 350mA

P	17.0 W
Φ_{Lamp}	2578 lm
$\Phi_{Luminaire}$	2578 lm
η	100.01 %

NAUTA S 16T 40K F1T2 PMMA S 17W (both sides offset)



Pole distance	35.000 m
(1) Light spot height	6.000 m
(2) Light point overhang	0.000 m
(3) Boom inclination	0.0°
(4) Boom length	1.000 m
Annual operating hours	4000 h: 100.0 %, 17.0 W
Wattage / route	986.0 W/km
ULR / ULOR	0.00 / 0.00
Max. luminous intensities Any direction forming the specified angle from the downward vertical, with the luminaire installed for use.	≥ 70°: 940 cd/klm ≥ 80°: 66.7 cd/klm ≥ 90°: 3.38 cd/klm
Luminous intensity class The luminous intensity values in [cd/klm] for calculation of the luminous intensity class refer to the luminaire luminous flux according to EN 13201:2015.	G*3
Glare index class	D.6
MF	0.80

Taikos pr. prie AVITELA

Summary (according to EN 13201:2015)

Results for valuation fields

A maintenance factor of 0.80 was used for calculating for the installation.

	Symbol	Calculated	Target	Check
Sidewalk 1 (P3)	E_{av}	10.87 lx	[7.50 - 11.25] lx	✓
	E_{min}	4.45 lx	≥ 1.50 lx	✓
Taikos pr. prie AVITELA (M3)	L_{av}	1.12 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.58	≥ 0.40	✓
	U_l	0.74	≥ 0.60	✓
	TI	11 %	≤ 15 %	✓
	R_{EI}	0.76	≥ 0.30	✓
Sidewalk 2 (P3)	E_{av}	11.10 lx	[7.50 - 11.25] lx	✓
	E_{min}	4.83 lx	≥ 1.50 lx	✓

Results for energy efficiency indicators

	Symbol	Calculated	Energy Consumption
Taikos pr. prie AVITELA	D_p	0.001 W/lx*m²	
NAUTA L 20M 40K F2MD PMMA S 85W (both sides offset)	D_e	0.6 kWh/m² yr	680.0 kWh/yr
NAUTA S 16T 40K F1T2 PMMA S 17W (both sides offset)	D_e	0.1 kWh/m² yr	136.0 kWh/yr

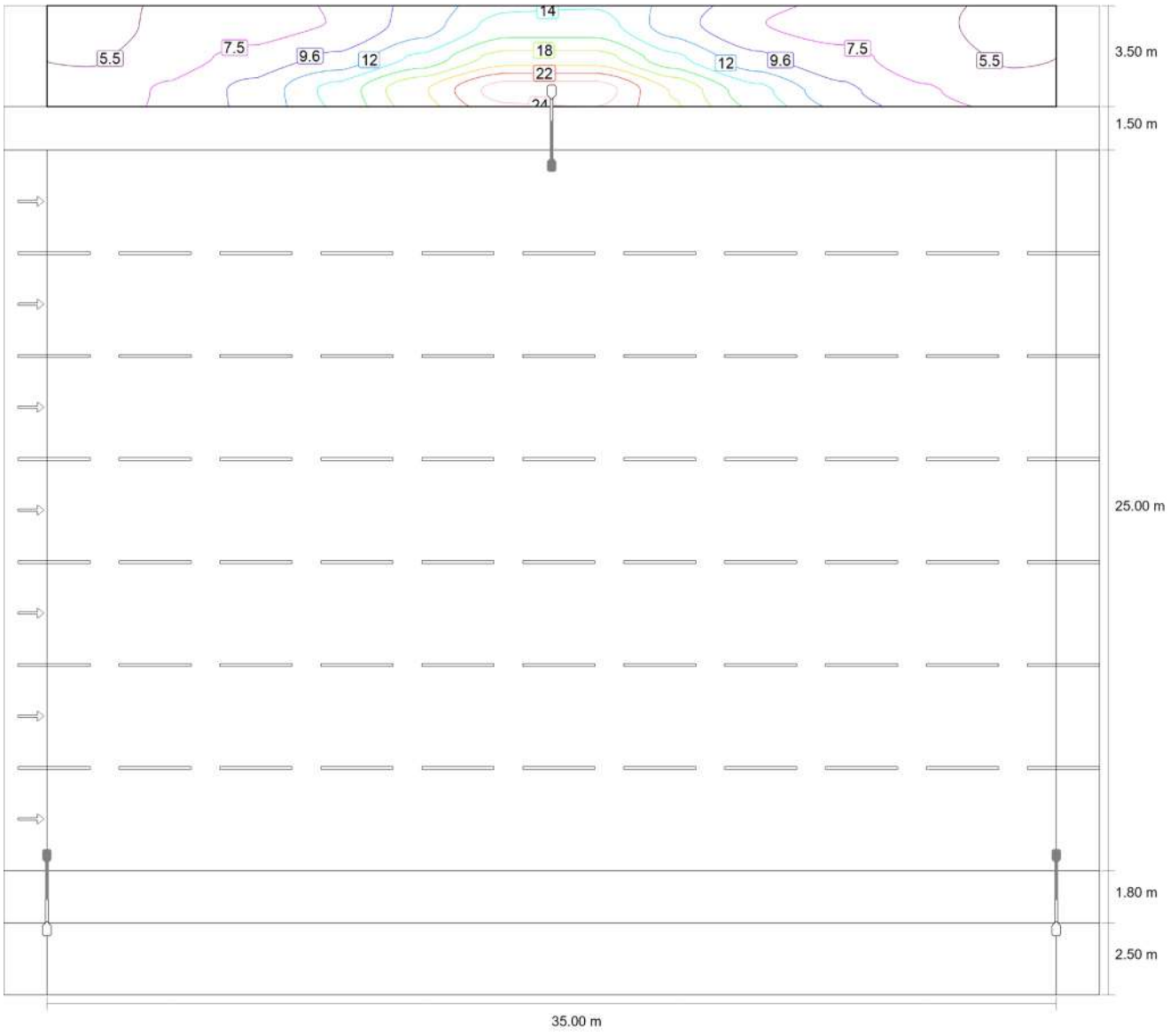
DIALux

Taikos pr. prie AVITELA

Sidewalk 1 (P3)

Results for valuation field

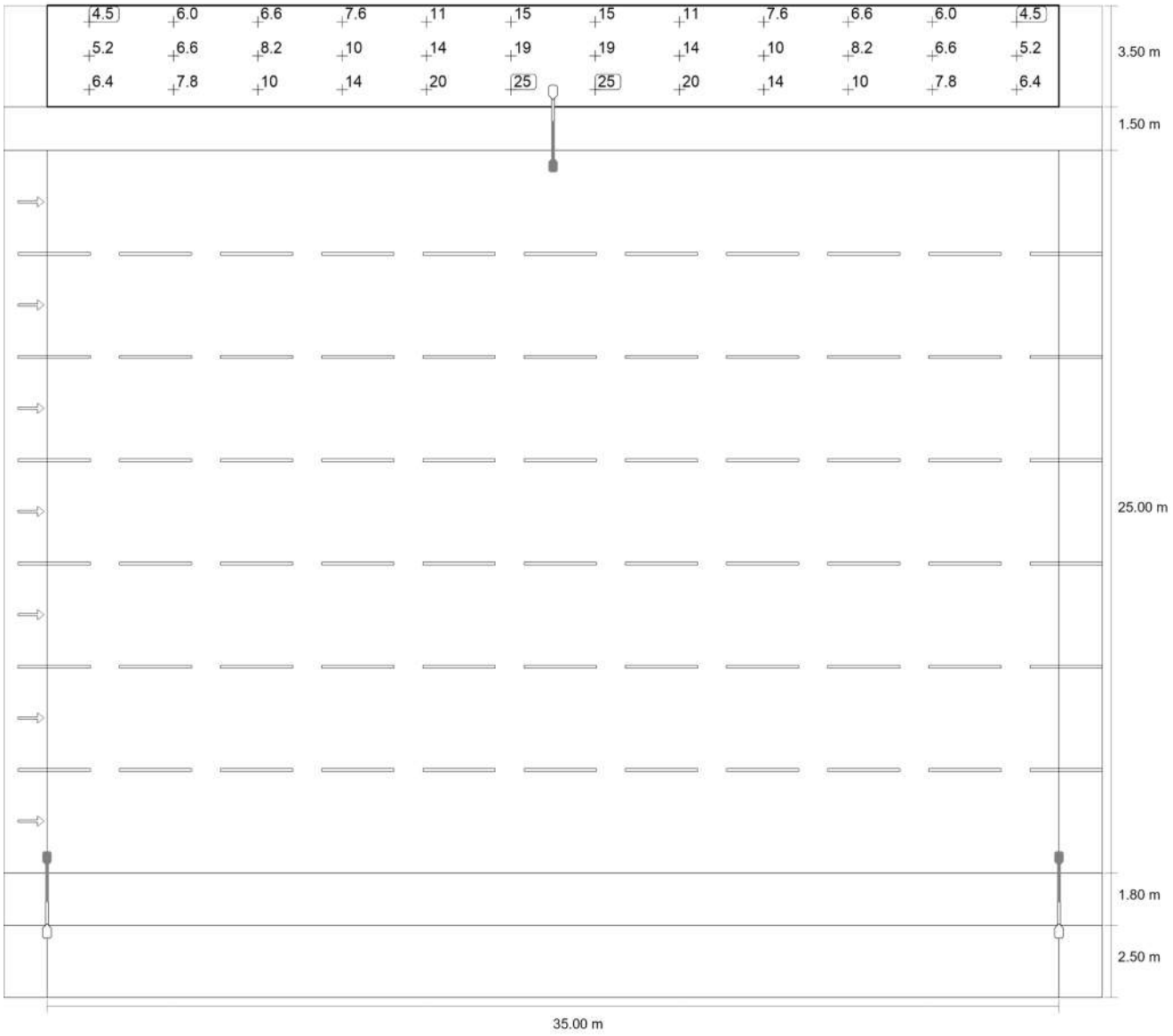
	Symbol	Calculated	Target	Check
Sidewalk 1 (P3)	E_{av}	10.87 lx	[7.50 - 11.25] lx	✓
	E_{min}	4.45 lx	≥ 1.50 lx	✓



Taikos pr. prie AVITELA

Sidewalk 1 (P3)

Maintenance value, horizontal illuminance [lx] (Iso-illuminance curves)



Maintenance value, horizontal illuminance [lx] (Value grid)

m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
33.717	4.45	6.03	6.59	7.59	10.56	14.51	14.51	10.56	7.59	6.59	6.03	4.45
32.550	5.25	6.58	8.18	10.02	14.10	18.63	18.63	14.10	10.02	8.18	6.58	5.25
31.383	6.41	7.75	10.13	14.33	19.62	24.92	24.92	19.62	14.33	10.13	7.75	6.41

	E_{av}	E_{min}	E_{max}	U_o (g_1)	g_2
Maintenance value, horizontal illuminance	10.9 lx	4.45 lx	24.9 lx	0.41	0.18

Taikos pr. prie AVITELA

Taikos pr. prie AVITELA (M3)

Results for valuation field

	Symbol	Calculated	Target	Check
Taikos pr. prie AVITELA (M3)	L_{av}	1.12 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.58	≥ 0.40	✓
	U_l	0.74	≥ 0.60	✓
	TI	11 %	≤ 15 %	✓
	R_{EI}	0.76	≥ 0.30	✓

Results for observer

	Symbol	Calculated	Target	Check
Observer 1 Position: -60.000 m, 6.086 m, 1.500 m	L_{av}	1.12 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.62	≥ 0.40	✓
	U_l	0.74	≥ 0.60	✓
	TI	11 %	≤ 15 %	✓
Observer 2 Position: -60.000 m, 9.657 m, 1.500 m	L_{av}	1.14 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.62	≥ 0.40	✓
	U_l	0.76	≥ 0.60	✓
	TI	9 %	≤ 15 %	✓
Observer 3 Position: -60.000 m, 13.229 m, 1.500 m	L_{av}	1.15 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.62	≥ 0.40	✓
	U_l	0.89	≥ 0.60	✓
	TI	5 %	≤ 15 %	✓

DIALux

Taikos pr. prie AVITELA

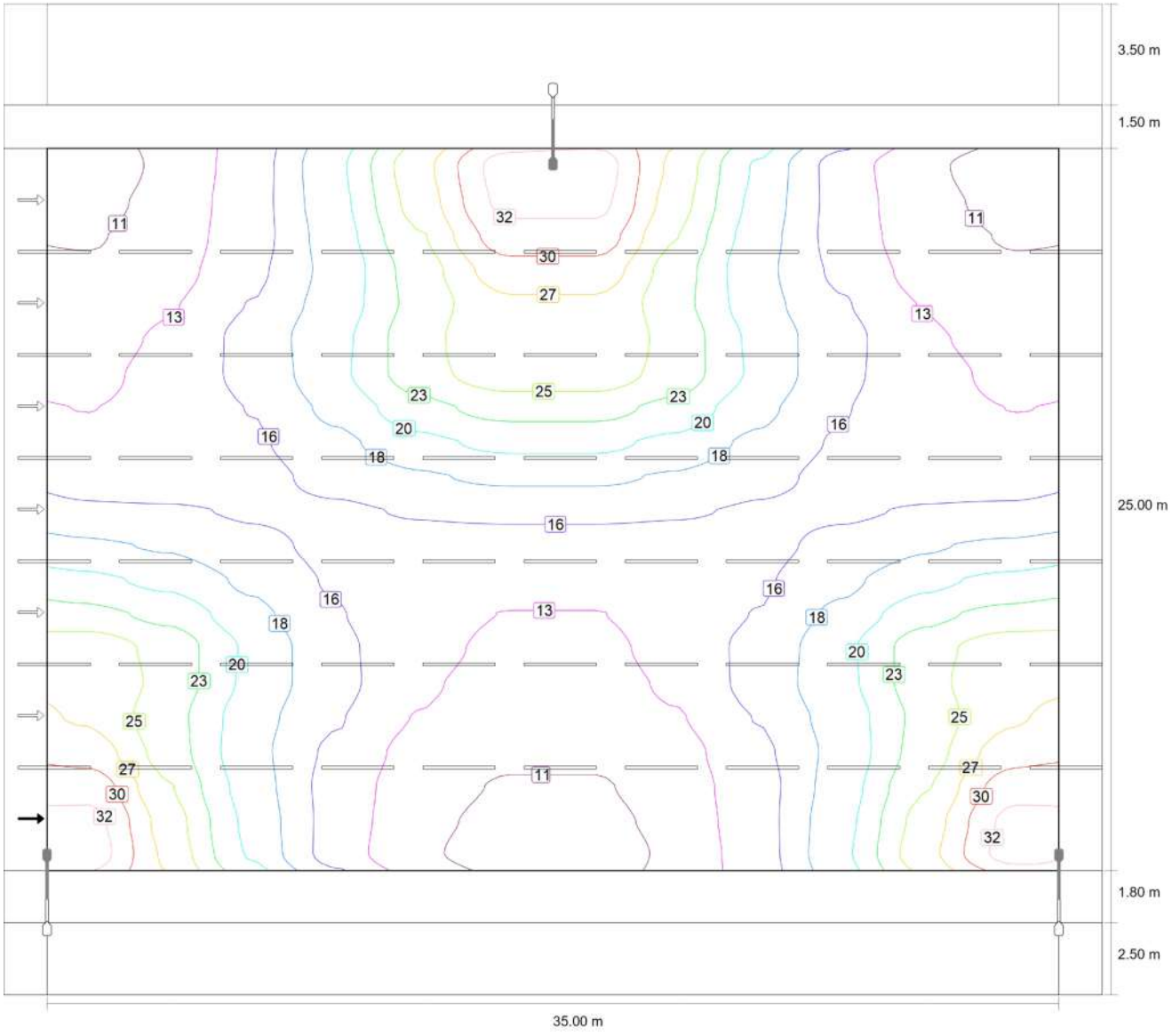
Taikos pr. prie AVITELA (M3)

	Symbol	Calculated	Target	Check
Observer 4 Position: -60.000 m, 16.800 m, 1.500 m	L_{av}	1.15 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.62	≥ 0.40	✓
	U_l	0.97	≥ 0.60	✓
	TI	3 %	≤ 15 %	✓
Observer 5 Position: -60.000 m, 20.371 m, 1.500 m	L_{av}	1.14 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.62	≥ 0.40	✓
	U_l	0.89	≥ 0.60	✓
	TI	5 %	≤ 15 %	✓
Observer 6 Position: -60.000 m, 23.943 m, 1.500 m	L_{av}	1.13 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.61	≥ 0.40	✓
	U_l	0.76	≥ 0.60	✓
	TI	9 %	≤ 15 %	✓
Observer 7 Position: -60.000 m, 27.514 m, 1.500 m	L_{av}	1.12 cd/m²	≥ 1.00 cd/m²	✓
	U_o	0.58	≥ 0.40	✓
	U_l	0.74	≥ 0.60	✓
	TI	11 %	≤ 15 %	✓

DIALux

Taikos pr. prie AVITELA

Taikos pr. prie AVITELA (M3)

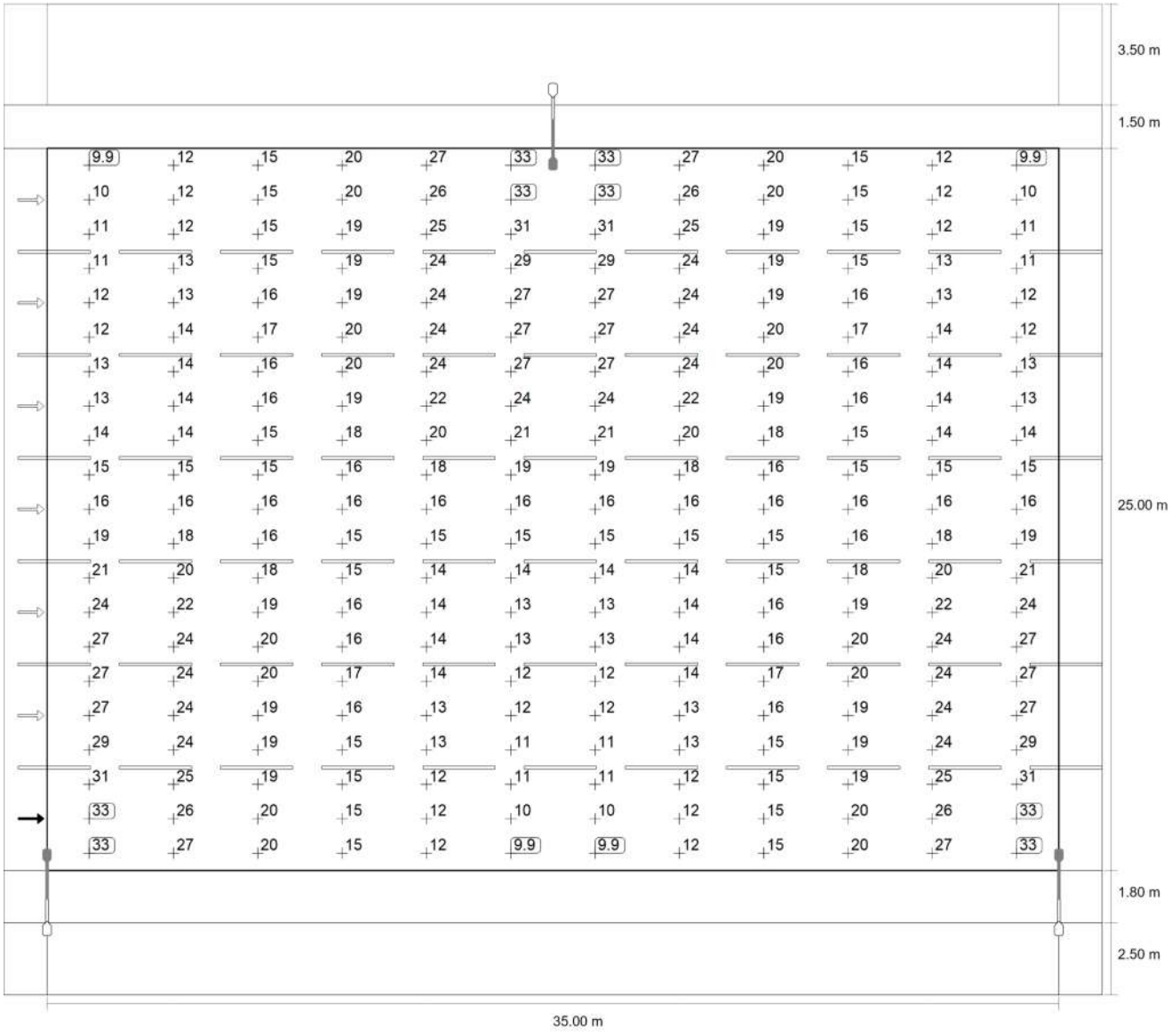


Maintenance value, horizontal illuminance [lx] (Iso-illuminance curves)

DIALux

Taikos pr. prie AVITELA

Taikos pr. prie AVITELA (M3)



Maintenance value, horizontal illuminance [lx] (Value grid)

m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
28.705	9.88	11.52	14.71	20.07	26.83	33.34	33.34	26.83	20.07	14.71	11.52	9.88
27.514	10.38	11.82	14.84	19.78	26.27	32.88	32.88	26.27	19.78	14.84	11.82	10.38
26.324	10.88	12.15	14.83	19.31	25.13	31.18	31.18	25.13	19.31	14.83	12.15	10.88
25.133	11.37	12.52	15.26	18.87	24.01	28.87	28.87	24.01	18.87	15.26	12.52	11.37
23.943	11.90	13.22	15.88	19.17	23.66	27.22	27.22	23.66	19.17	15.88	13.22	11.90

Taikos pr. prie AVITELA

Taikos pr. prie AVITELA (M3)

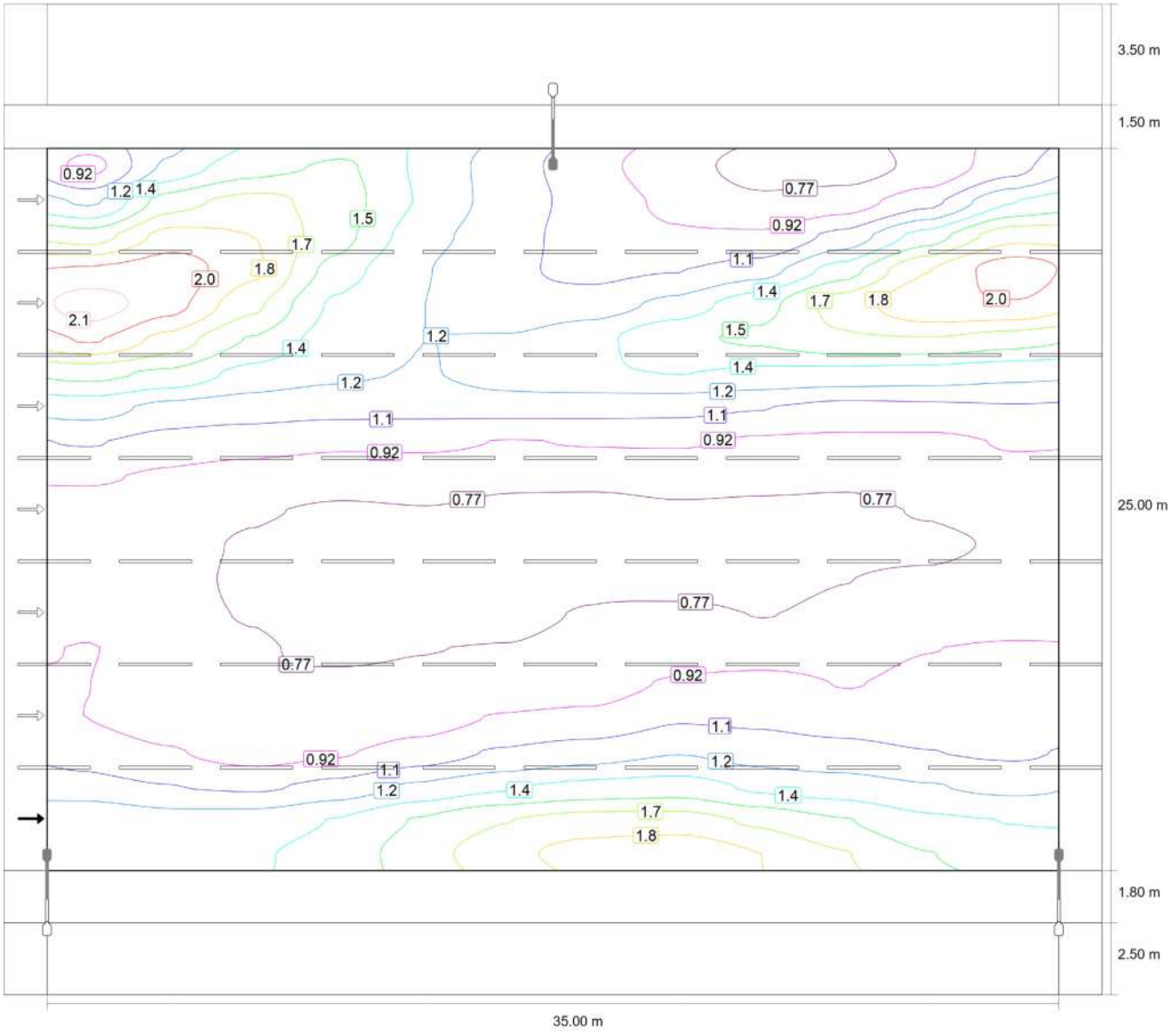
m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
22.752	12.33	13.84	16.50	19.84	24.28	27.21	27.21	24.28	19.84	16.50	13.84	12.33
21.562	12.78	14.34	16.30	19.97	24.16	26.53	26.53	24.16	19.97	16.30	14.34	12.78
20.371	13.36	14.29	15.85	18.78	22.05	23.60	23.60	22.05	18.78	15.85	14.29	13.36
19.181	14.00	14.27	15.45	17.52	19.85	21.01	21.01	19.85	17.52	15.45	14.27	14.00
17.990	14.76	14.74	15.21	16.37	17.83	18.56	18.56	17.83	16.37	15.21	14.74	14.76
16.800	16.23	16.00	15.50	15.50	16.00	16.23	16.23	16.00	15.50	15.50	16.00	16.23
15.610	18.56	17.83	16.37	15.21	14.74	14.76	14.76	14.74	15.21	16.37	17.83	18.56
14.419	21.01	19.85	17.52	15.45	14.27	14.00	14.00	14.27	15.45	17.52	19.85	21.01
13.229	23.60	22.05	18.78	15.85	14.29	13.36	13.36	14.29	15.85	18.78	22.05	23.60
12.038	26.53	24.16	19.97	16.30	14.34	12.78	12.78	14.34	16.30	19.97	24.16	26.53
10.848	27.21	24.28	19.84	16.50	13.84	12.33	12.33	13.84	16.50	19.84	24.28	27.21
9.657	27.22	23.66	19.17	15.88	13.22	11.90	11.90	13.22	15.88	19.17	23.66	27.22
8.467	28.87	24.01	18.87	15.26	12.52	11.37	11.37	12.52	15.26	18.87	24.01	28.87
7.276	31.18	25.13	19.31	14.83	12.15	10.88	10.88	12.15	14.83	19.31	25.13	31.18
6.086	32.88	26.27	19.78	14.84	11.82	10.38	10.38	11.82	14.84	19.78	26.27	32.88
4.895	33.34	26.83	20.07	14.71	11.52	9.88	9.88	11.52	14.71	20.07	26.83	33.34

Maintenance value, horizontal illuminance [lx] (Value chart)

	E_{av}	E_{min}	E_{max}	U_o (g_1)	g_2
Maintenance value, horizontal illuminance	18.3 lx	9.88 lx	33.3 lx	0.54	0.30

Taikos pr. prie AVITELA

Taikos pr. prie AVITELA (M3)

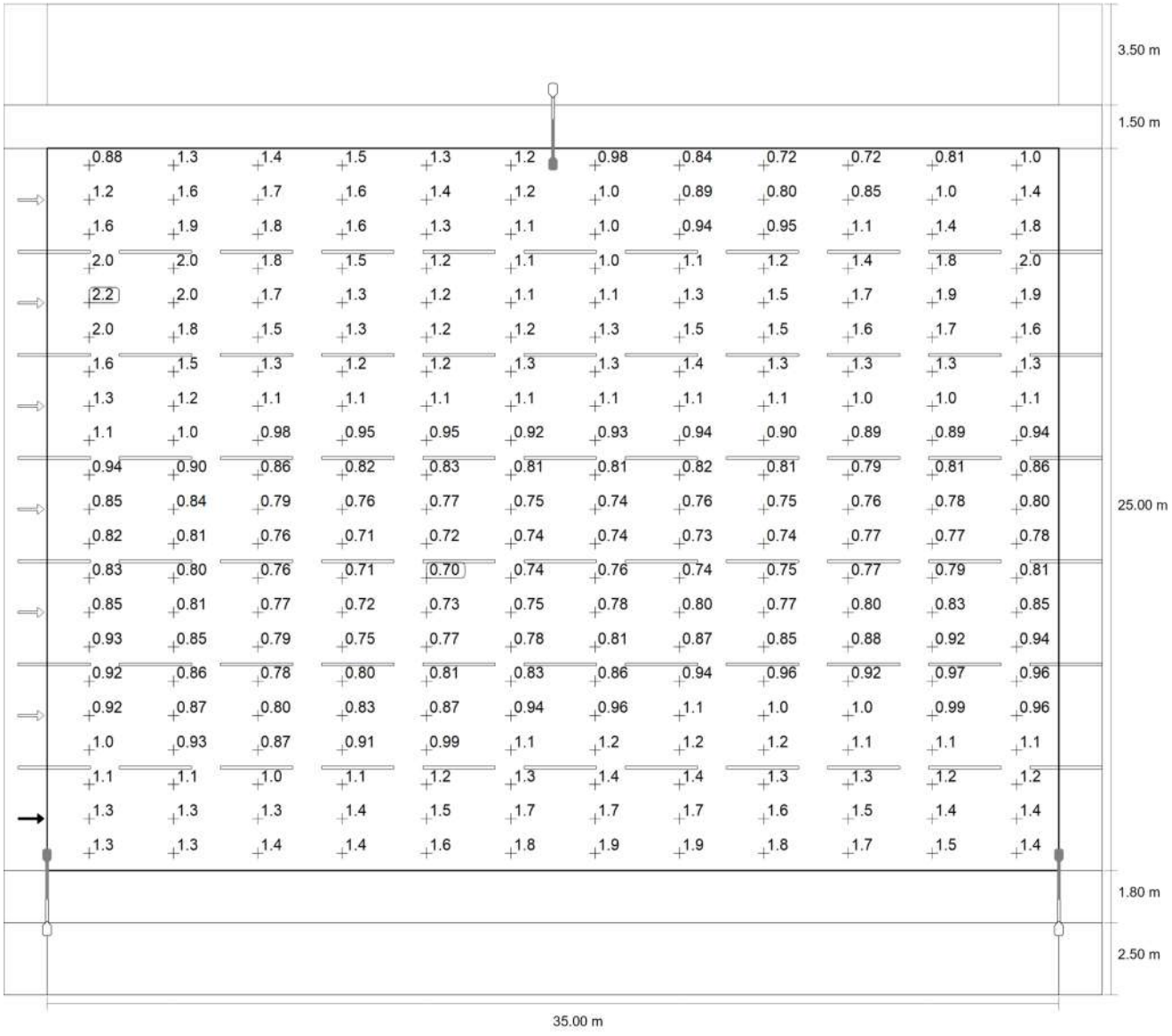


Observer 1: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

DIALux

Taikos pr. prie AVITELA

Taikos pr. prie AVITELA (M3)



Observer 1: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
28.705	0.88	1.26	1.45	1.53	1.34	1.16	0.98	0.84	0.72	0.72	0.81	1.01
27.514	1.19	1.60	1.71	1.59	1.35	1.16	1.02	0.89	0.80	0.85	1.03	1.36
26.324	1.59	1.87	1.81	1.57	1.29	1.13	1.02	0.94	0.95	1.12	1.43	1.76
25.133	1.98	2.03	1.84	1.45	1.23	1.10	1.05	1.07	1.16	1.44	1.81	2.03
23.943	2.18	2.02	1.69	1.34	1.22	1.10	1.13	1.27	1.46	1.72	1.93	1.95

Taikos pr. prie AVITELA

Taikos pr. prie AVITELA (M3)

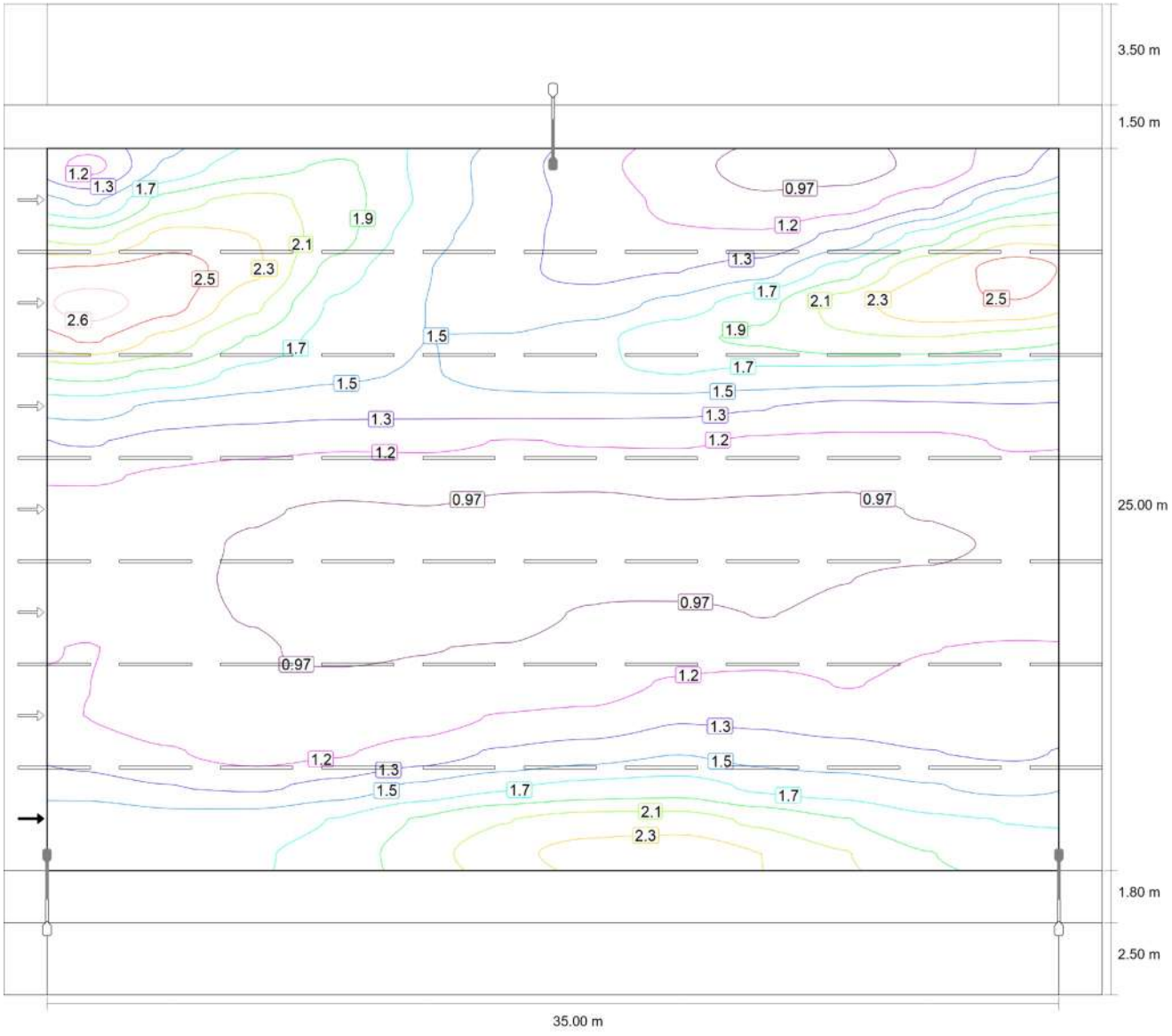
m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
22.752	1.99	1.76	1.50	1.30	1.22	1.23	1.32	1.47	1.54	1.64	1.66	1.58
21.562	1.56	1.48	1.31	1.25	1.21	1.30	1.34	1.37	1.33	1.31	1.29	1.26
20.371	1.28	1.17	1.13	1.11	1.11	1.12	1.11	1.11	1.08	1.03	1.04	1.06
19.181	1.08	1.01	0.98	0.95	0.95	0.92	0.93	0.94	0.90	0.89	0.89	0.94
17.990	0.94	0.90	0.86	0.82	0.83	0.81	0.81	0.82	0.81	0.79	0.81	0.86
16.800	0.85	0.84	0.79	0.76	0.77	0.75	0.74	0.76	0.75	0.76	0.78	0.80
15.610	0.82	0.81	0.76	0.71	0.72	0.74	0.74	0.73	0.74	0.77	0.77	0.78
14.419	0.83	0.80	0.76	0.71	0.70	0.74	0.76	0.74	0.75	0.77	0.79	0.81
13.229	0.85	0.81	0.77	0.72	0.73	0.75	0.78	0.80	0.77	0.80	0.83	0.85
12.038	0.93	0.85	0.79	0.75	0.77	0.78	0.81	0.87	0.85	0.88	0.92	0.94
10.848	0.92	0.86	0.78	0.80	0.81	0.83	0.86	0.94	0.96	0.92	0.97	0.96
9.657	0.92	0.87	0.80	0.83	0.87	0.94	0.96	1.06	1.04	1.00	0.99	0.96
8.467	1.00	0.93	0.87	0.91	0.99	1.09	1.15	1.21	1.16	1.13	1.07	1.05
7.276	1.14	1.07	1.05	1.12	1.25	1.34	1.41	1.44	1.33	1.29	1.23	1.18
6.086	1.33	1.28	1.29	1.38	1.53	1.66	1.73	1.73	1.63	1.52	1.40	1.36
4.895	1.34	1.32	1.35	1.43	1.60	1.77	1.87	1.92	1.81	1.67	1.52	1.43

Observer 1: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 1: Maintenance value, luminance with dry roadway	1.12 cd/m²	0.70 cd/m²	2.18 cd/m²	0.62	0.32

Taikos pr. prie AVITELA

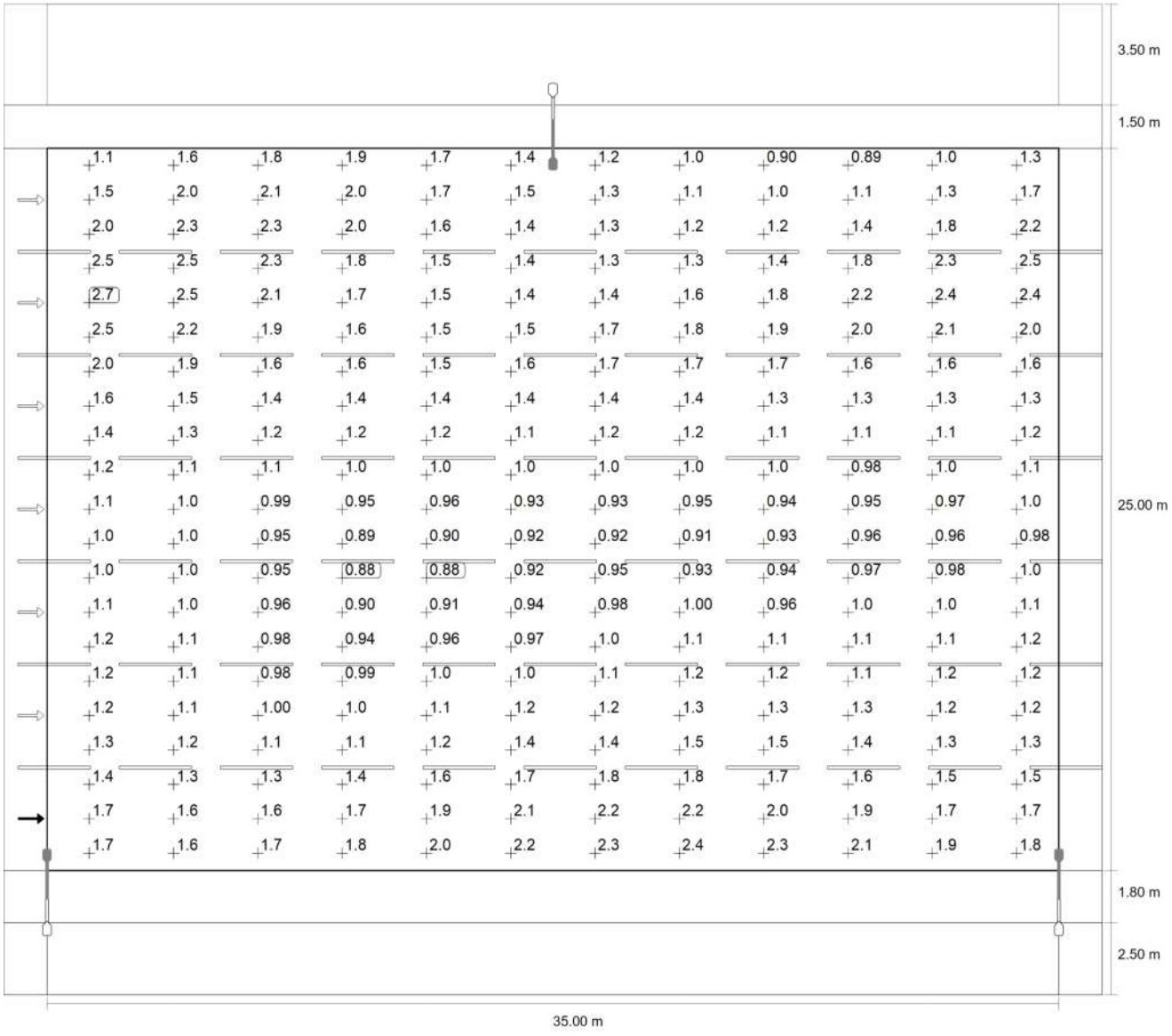
Taikos pr. prie AVITELA (M3)



Observer 1: Luminance with new installation [cd/m²] (Iso-illuminance curves)

Taikos pr. prie AVITELA

Taikos pr. prie AVITELA (M3)



Observer 1: Luminance with new installation [cd/m²] (Value grid)

m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
28.705	1.10	1.57	1.81	1.92	1.68	1.44	1.23	1.05	0.90	0.89	1.02	1.27
27.514	1.49	1.99	2.14	1.98	1.69	1.45	1.27	1.11	1.00	1.06	1.28	1.70
26.324	1.99	2.33	2.26	1.96	1.62	1.41	1.27	1.18	1.18	1.40	1.79	2.20
25.133	2.48	2.54	2.30	1.81	1.54	1.37	1.31	1.33	1.44	1.81	2.26	2.54
23.943	2.73	2.52	2.12	1.67	1.52	1.38	1.41	1.59	1.83	2.16	2.42	2.43

Taikos pr. prie AVITELA

Taikos pr. prie AVITELA (M3)

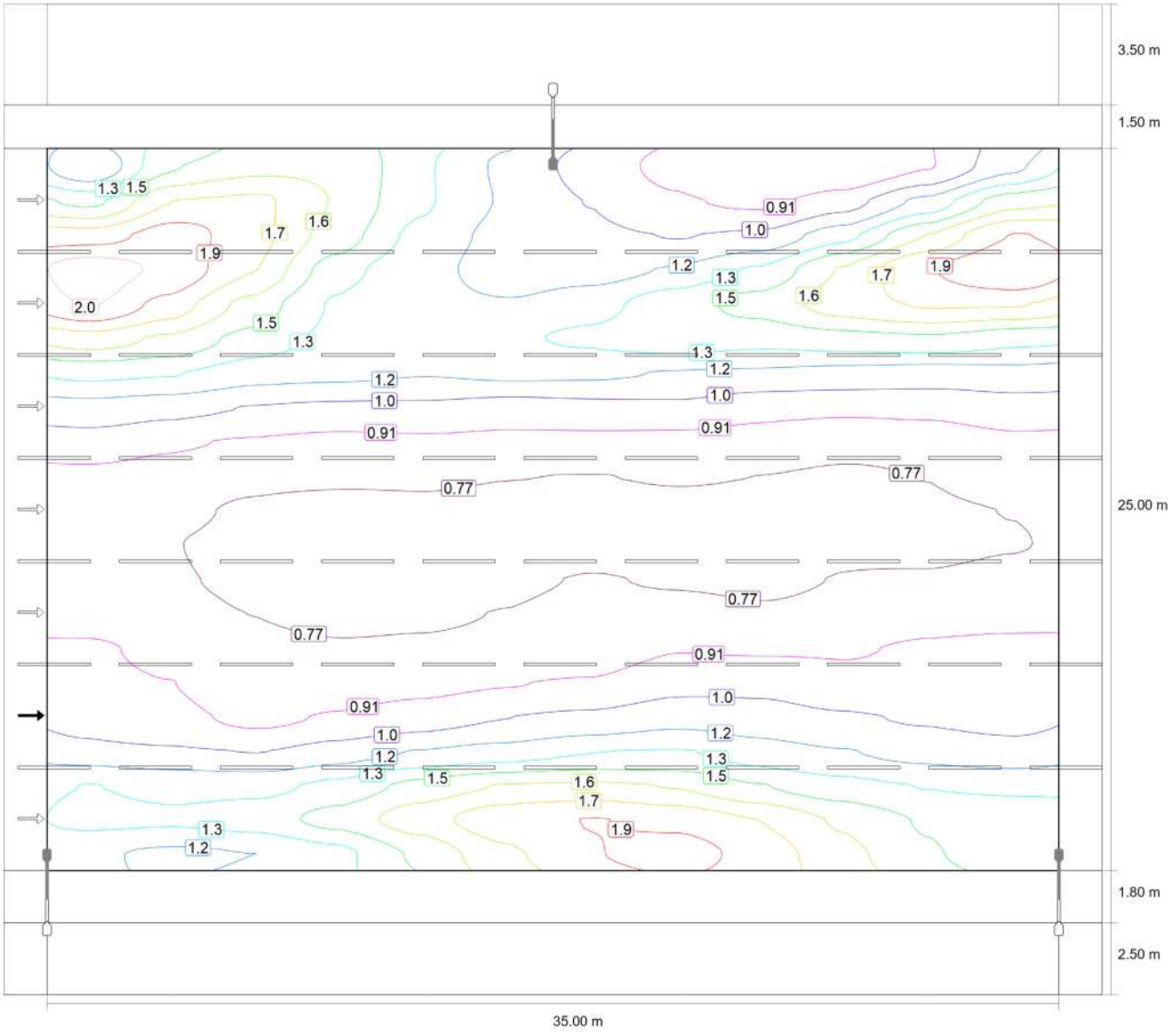
m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
22.752	2.48	2.19	1.88	1.62	1.52	1.54	1.65	1.84	1.93	2.05	2.07	1.98
21.562	1.95	1.85	1.64	1.56	1.51	1.62	1.68	1.72	1.66	1.64	1.61	1.57
20.371	1.59	1.47	1.42	1.39	1.39	1.40	1.39	1.38	1.35	1.29	1.30	1.32
19.181	1.35	1.26	1.22	1.19	1.19	1.15	1.17	1.17	1.12	1.11	1.11	1.17
17.990	1.18	1.12	1.07	1.03	1.04	1.01	1.01	1.02	1.01	0.98	1.02	1.08
16.800	1.07	1.05	0.99	0.95	0.96	0.93	0.93	0.95	0.94	0.95	0.97	1.00
15.610	1.03	1.01	0.95	0.89	0.90	0.92	0.92	0.91	0.93	0.96	0.96	0.98
14.419	1.03	1.00	0.95	0.88	0.88	0.92	0.95	0.93	0.94	0.97	0.98	1.01
13.229	1.07	1.02	0.96	0.90	0.91	0.94	0.98	1.00	0.96	1.00	1.04	1.07
12.038	1.16	1.07	0.98	0.94	0.96	0.97	1.01	1.08	1.06	1.10	1.15	1.17
10.848	1.15	1.08	0.98	0.99	1.01	1.04	1.08	1.17	1.20	1.15	1.21	1.19
9.657	1.15	1.09	1.00	1.04	1.08	1.17	1.20	1.32	1.30	1.25	1.24	1.20
8.467	1.25	1.17	1.08	1.13	1.24	1.36	1.44	1.51	1.45	1.41	1.34	1.31
7.276	1.42	1.34	1.31	1.40	1.56	1.68	1.76	1.80	1.67	1.61	1.54	1.47
6.086	1.66	1.59	1.61	1.72	1.91	2.08	2.16	2.17	2.04	1.90	1.75	1.71
4.895	1.68	1.65	1.69	1.79	2.00	2.21	2.34	2.39	2.26	2.09	1.90	1.79

Observer 1: Luminance with new installation [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 1: Luminance with new installation	1.40 cd/m²	0.88 cd/m²	2.73 cd/m²	0.62	0.32

Taikos pr. prie AVITELA

Taikos pr. prie AVITELA (M3)

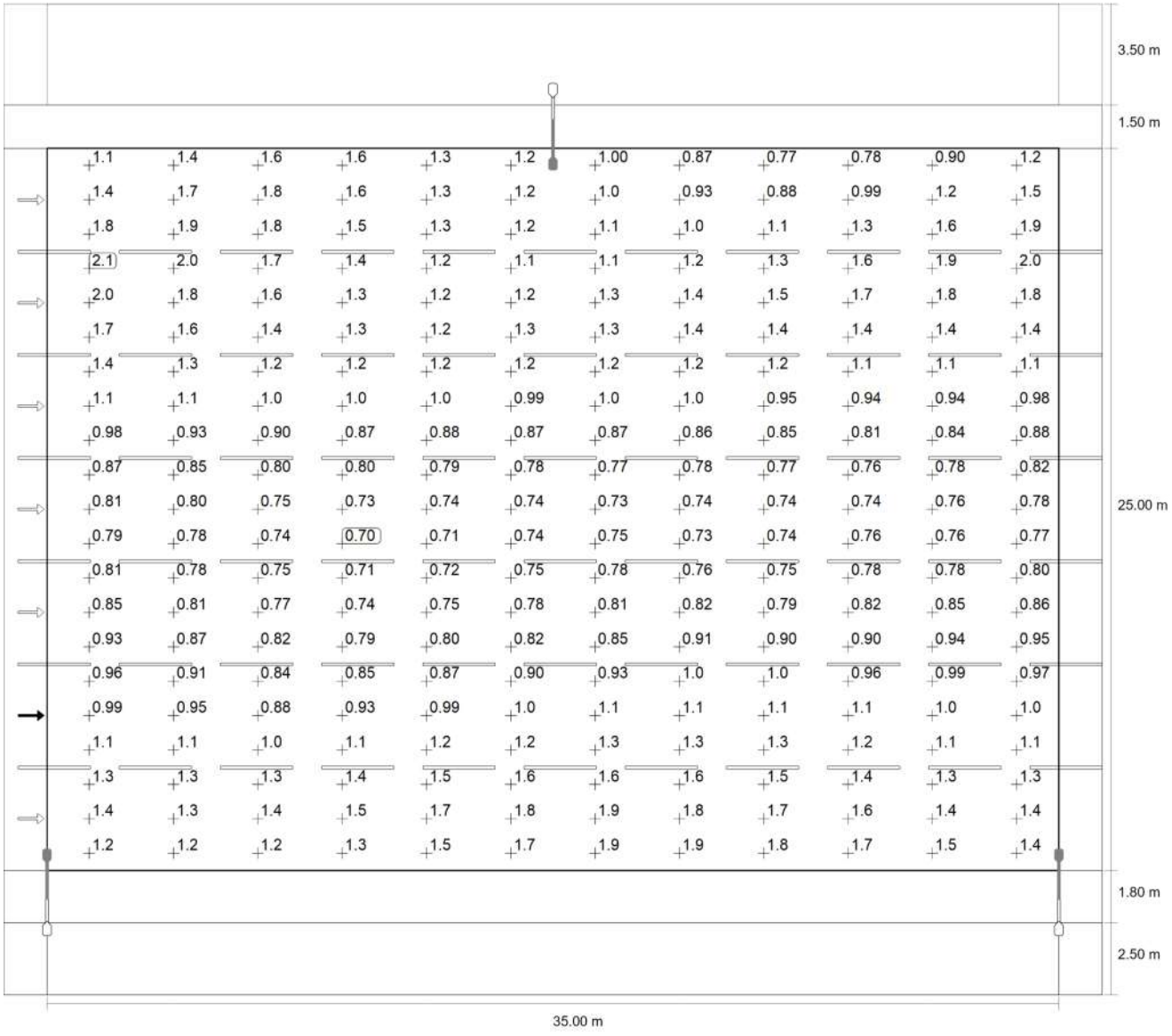


Observer 2: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

DIALux

Taikos pr. prie AVITELA

Taikos pr. prie AVITELA (M3)



Observer 2: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
28.705	1.06	1.44	1.55	1.56	1.35	1.16	1.00	0.87	0.77	0.78	0.90	1.15
27.514	1.43	1.74	1.76	1.59	1.35	1.17	1.04	0.93	0.88	0.99	1.23	1.55
26.324	1.81	1.94	1.79	1.54	1.28	1.15	1.09	1.04	1.08	1.28	1.61	1.88
25.133	2.09	1.99	1.74	1.39	1.24	1.13	1.13	1.20	1.35	1.62	1.87	2.00
23.943	2.03	1.82	1.55	1.31	1.23	1.20	1.28	1.40	1.51	1.67	1.76	1.75

Taikos pr. prie AVITELA

Taikos pr. prie AVITELA (M3)

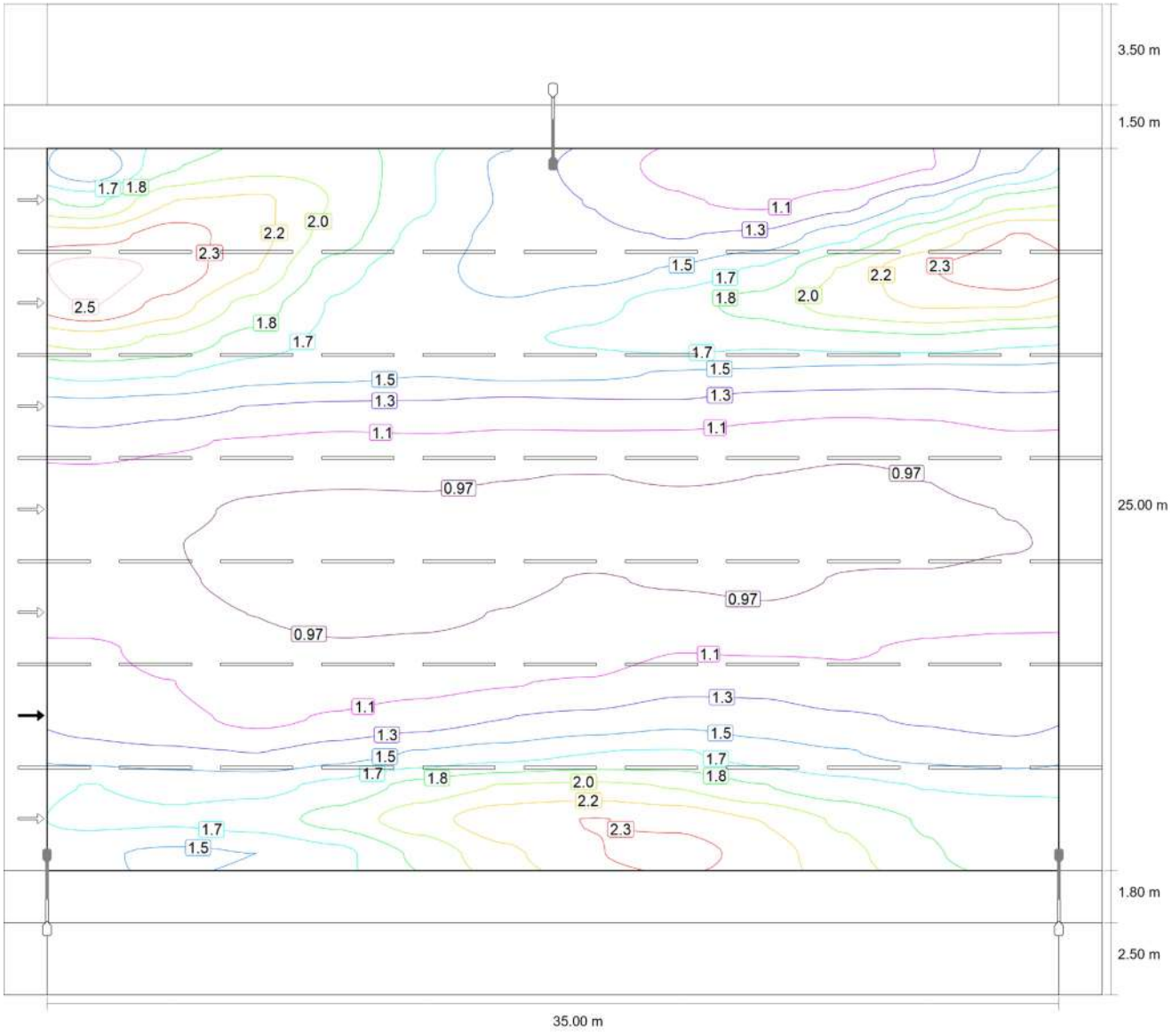
m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
22.752	1.67	1.58	1.41	1.29	1.25	1.30	1.35	1.40	1.36	1.40	1.44	1.36
21.562	1.36	1.34	1.24	1.22	1.20	1.22	1.21	1.18	1.16	1.14	1.12	1.14
20.371	1.13	1.10	1.05	1.02	1.02	0.99	1.00	1.01	0.95	0.94	0.94	0.98
19.181	0.98	0.93	0.90	0.87	0.88	0.87	0.87	0.86	0.85	0.81	0.84	0.88
17.990	0.87	0.85	0.80	0.80	0.79	0.78	0.77	0.78	0.77	0.76	0.78	0.82
16.800	0.81	0.80	0.75	0.73	0.74	0.74	0.73	0.74	0.74	0.74	0.76	0.78
15.610	0.79	0.78	0.74	0.70	0.71	0.74	0.75	0.73	0.74	0.76	0.76	0.77
14.419	0.81	0.78	0.75	0.71	0.72	0.75	0.78	0.76	0.75	0.78	0.78	0.80
13.229	0.85	0.81	0.77	0.74	0.75	0.78	0.81	0.82	0.79	0.82	0.85	0.86
12.038	0.93	0.87	0.82	0.79	0.80	0.82	0.85	0.91	0.90	0.90	0.94	0.95
10.848	0.96	0.91	0.84	0.85	0.87	0.90	0.93	1.01	1.02	0.96	0.99	0.97
9.657	0.99	0.95	0.88	0.93	0.99	1.05	1.09	1.15	1.11	1.07	1.03	1.01
8.467	1.10	1.07	1.04	1.12	1.19	1.25	1.32	1.33	1.25	1.19	1.14	1.10
7.276	1.33	1.29	1.28	1.37	1.51	1.61	1.63	1.59	1.47	1.38	1.32	1.29
6.086	1.37	1.35	1.40	1.52	1.68	1.83	1.88	1.85	1.74	1.58	1.45	1.42
4.895	1.21	1.17	1.19	1.29	1.49	1.70	1.87	1.94	1.82	1.65	1.48	1.37

Observer 2: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 2: Maintenance value, luminance with dry roadway	1.14 cd/m²	0.70 cd/m²	2.09 cd/m²	0.62	0.34

Taikos pr. prie AVITELA

Taikos pr. prie AVITELA (M3)

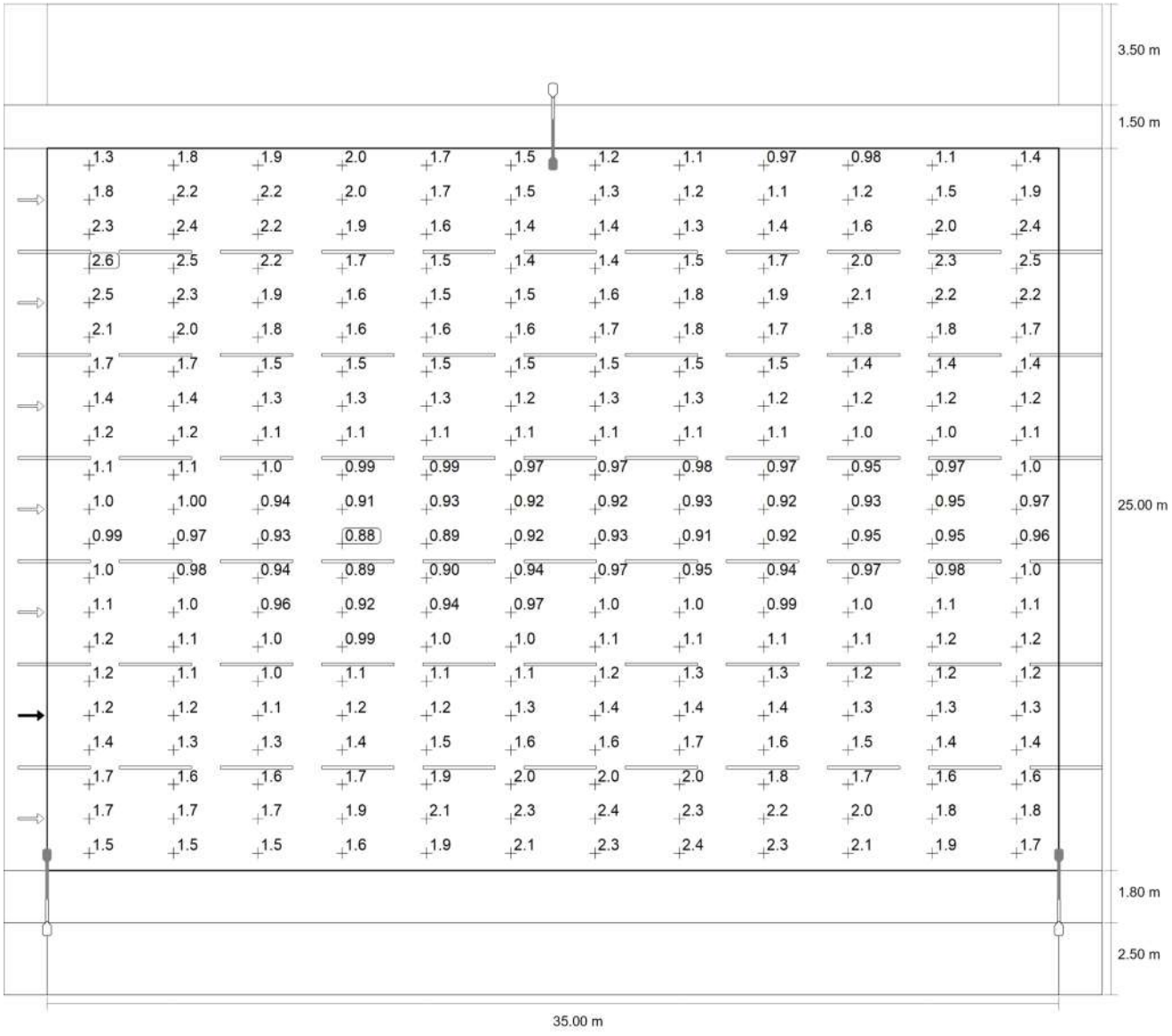


Observer 2: Luminance with new installation [cd/m²] (Iso-illuminance curves)

DIALux

Taikos pr. prie AVITELA

Taikos pr. prie AVITELA (M3)



Observer 2: Luminance with new installation [cd/m²] (Value grid)

m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
28.705	1.32	1.81	1.94	1.96	1.68	1.45	1.25	1.09	0.97	0.98	1.13	1.44
27.514	1.78	2.17	2.20	1.99	1.69	1.47	1.30	1.16	1.10	1.24	1.54	1.93
26.324	2.26	2.43	2.24	1.93	1.60	1.44	1.36	1.30	1.35	1.60	2.01	2.35
25.133	2.61	2.48	2.18	1.73	1.55	1.42	1.41	1.50	1.68	2.02	2.34	2.50
23.943	2.54	2.28	1.94	1.63	1.54	1.50	1.59	1.75	1.89	2.09	2.20	2.19

Taikos pr. prie AVITELA

Taikos pr. prie AVITELA (M3)

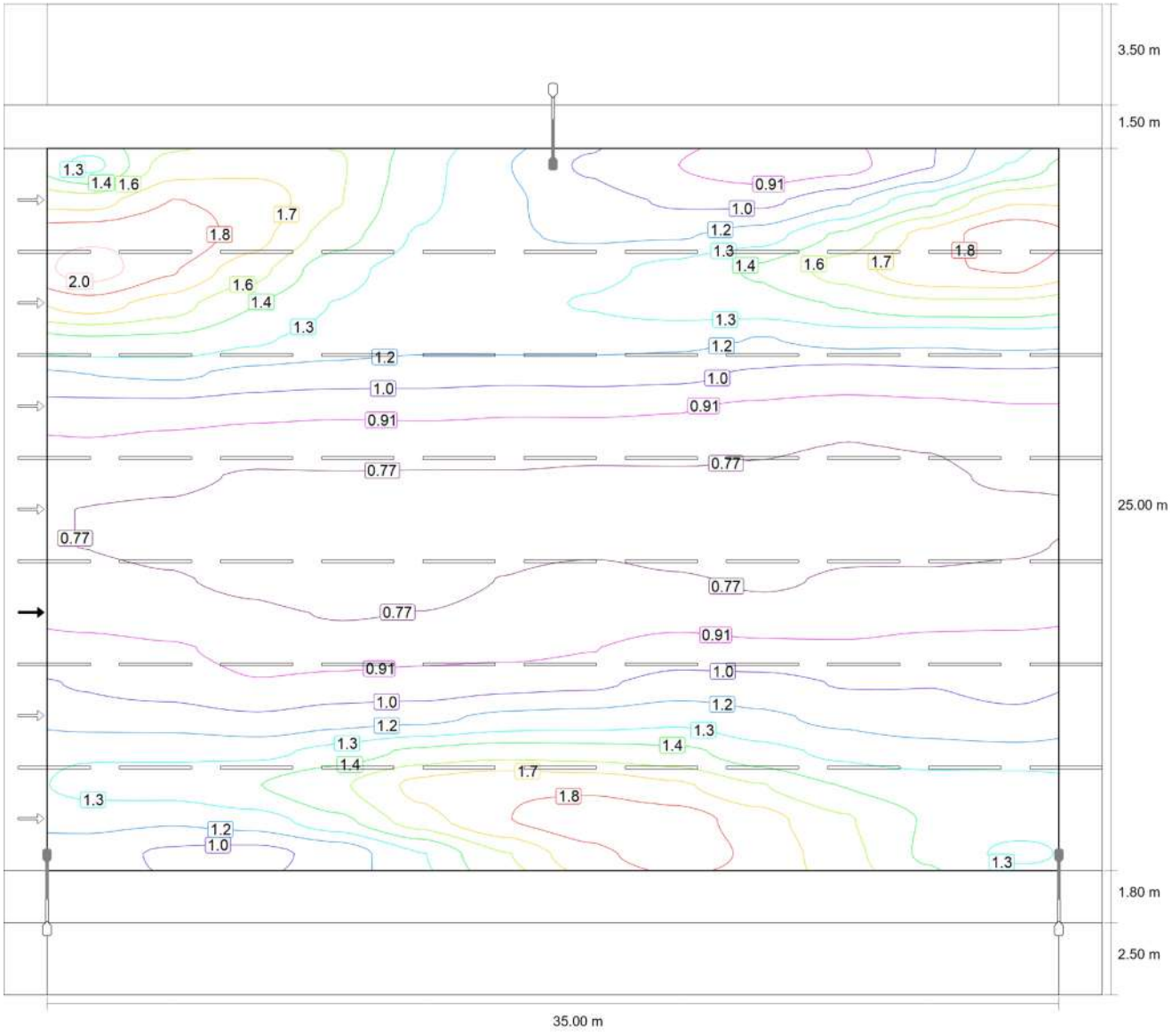
m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
22.752	2.09	1.97	1.76	1.61	1.56	1.63	1.69	1.75	1.70	1.75	1.79	1.70
21.562	1.70	1.67	1.55	1.53	1.49	1.53	1.51	1.48	1.46	1.42	1.40	1.42
20.371	1.42	1.37	1.31	1.28	1.27	1.23	1.26	1.27	1.19	1.17	1.18	1.22
19.181	1.23	1.17	1.12	1.09	1.10	1.08	1.08	1.08	1.06	1.02	1.05	1.10
17.990	1.09	1.06	1.01	0.99	0.99	0.97	0.97	0.98	0.97	0.95	0.97	1.03
16.800	1.01	1.00	0.94	0.91	0.93	0.92	0.92	0.93	0.92	0.93	0.95	0.97
15.610	0.99	0.97	0.93	0.88	0.89	0.92	0.93	0.91	0.92	0.95	0.95	0.96
14.419	1.01	0.98	0.94	0.89	0.90	0.94	0.97	0.95	0.94	0.97	0.98	1.01
13.229	1.07	1.02	0.96	0.92	0.94	0.97	1.01	1.03	0.99	1.02	1.06	1.07
12.038	1.16	1.09	1.02	0.99	1.00	1.03	1.06	1.13	1.12	1.12	1.17	1.19
10.848	1.20	1.14	1.05	1.06	1.09	1.13	1.16	1.26	1.27	1.21	1.24	1.22
9.657	1.24	1.19	1.09	1.16	1.23	1.31	1.36	1.43	1.39	1.33	1.29	1.26
8.467	1.38	1.34	1.31	1.40	1.49	1.56	1.65	1.67	1.57	1.49	1.42	1.38
7.276	1.66	1.61	1.61	1.71	1.89	2.01	2.03	1.99	1.84	1.72	1.65	1.62
6.086	1.71	1.69	1.74	1.90	2.11	2.28	2.35	2.31	2.17	1.98	1.81	1.77
4.895	1.51	1.46	1.48	1.62	1.87	2.13	2.33	2.42	2.28	2.06	1.86	1.72

Observer 2: Luminance with new installation [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 2: Luminance with new installation	1.42 cd/m²	0.88 cd/m²	2.61 cd/m²	0.62	0.34

Taikos pr. prie AVITELA

Taikos pr. prie AVITELA (M3)

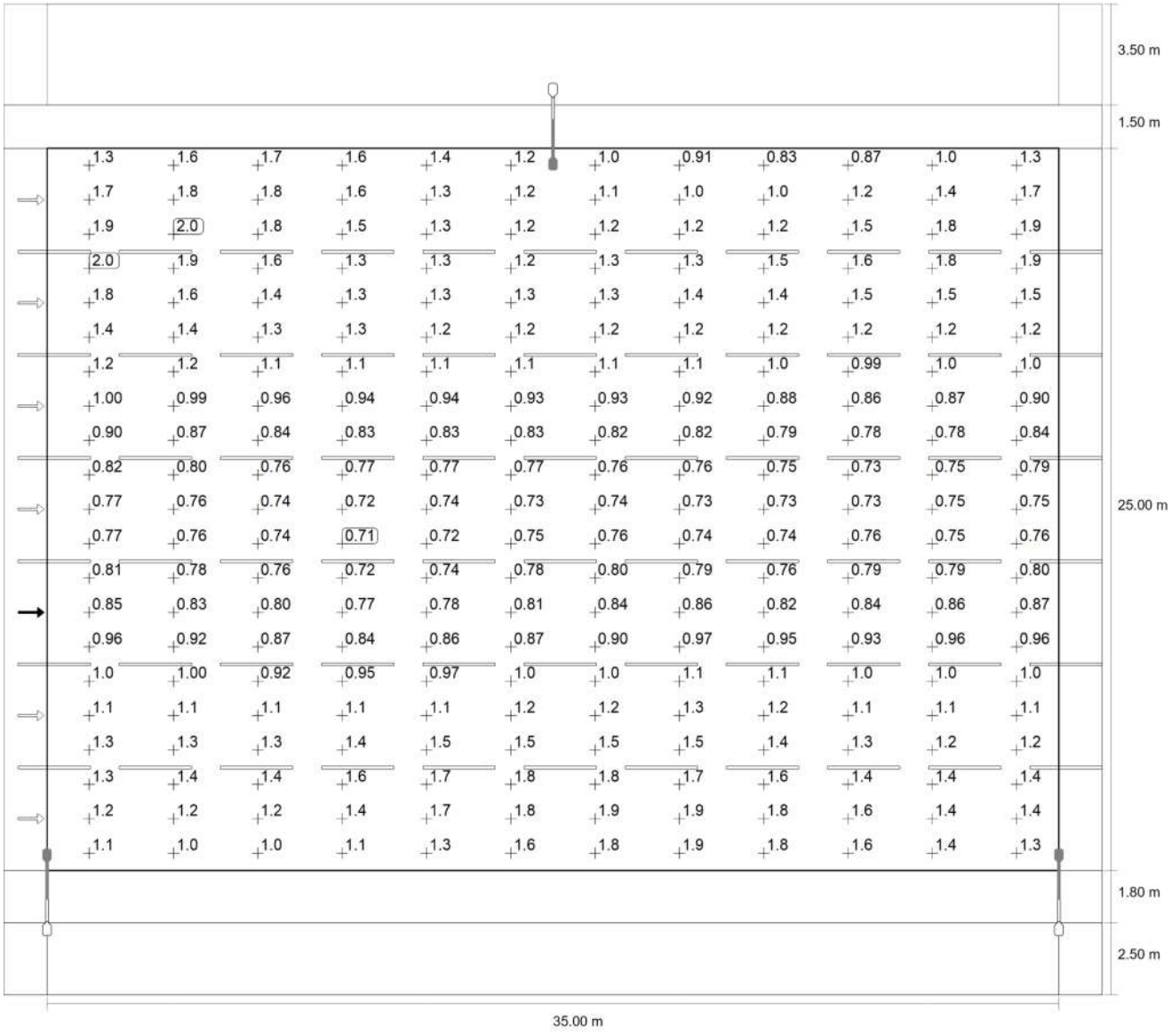


Observer 3: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

DIALux

Taikos pr. prie AVITELA

Taikos pr. prie AVITELA (M3)



Observer 3: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
28.705	1.27	1.64	1.67	1.59	1.37	1.18	1.02	0.91	0.83	0.87	1.04	1.33
27.514	1.65	1.85	1.80	1.58	1.35	1.20	1.10	1.03	1.02	1.16	1.41	1.70
26.324	1.95	1.96	1.76	1.51	1.29	1.19	1.16	1.16	1.25	1.47	1.76	1.93
25.133	2.04	1.86	1.63	1.35	1.27	1.22	1.27	1.35	1.46	1.64	1.82	1.85
23.943	1.77	1.64	1.45	1.30	1.26	1.28	1.32	1.37	1.38	1.46	1.54	1.54

Taikos pr. prie AVITELA

Taikos pr. prie AVITELA (M3)

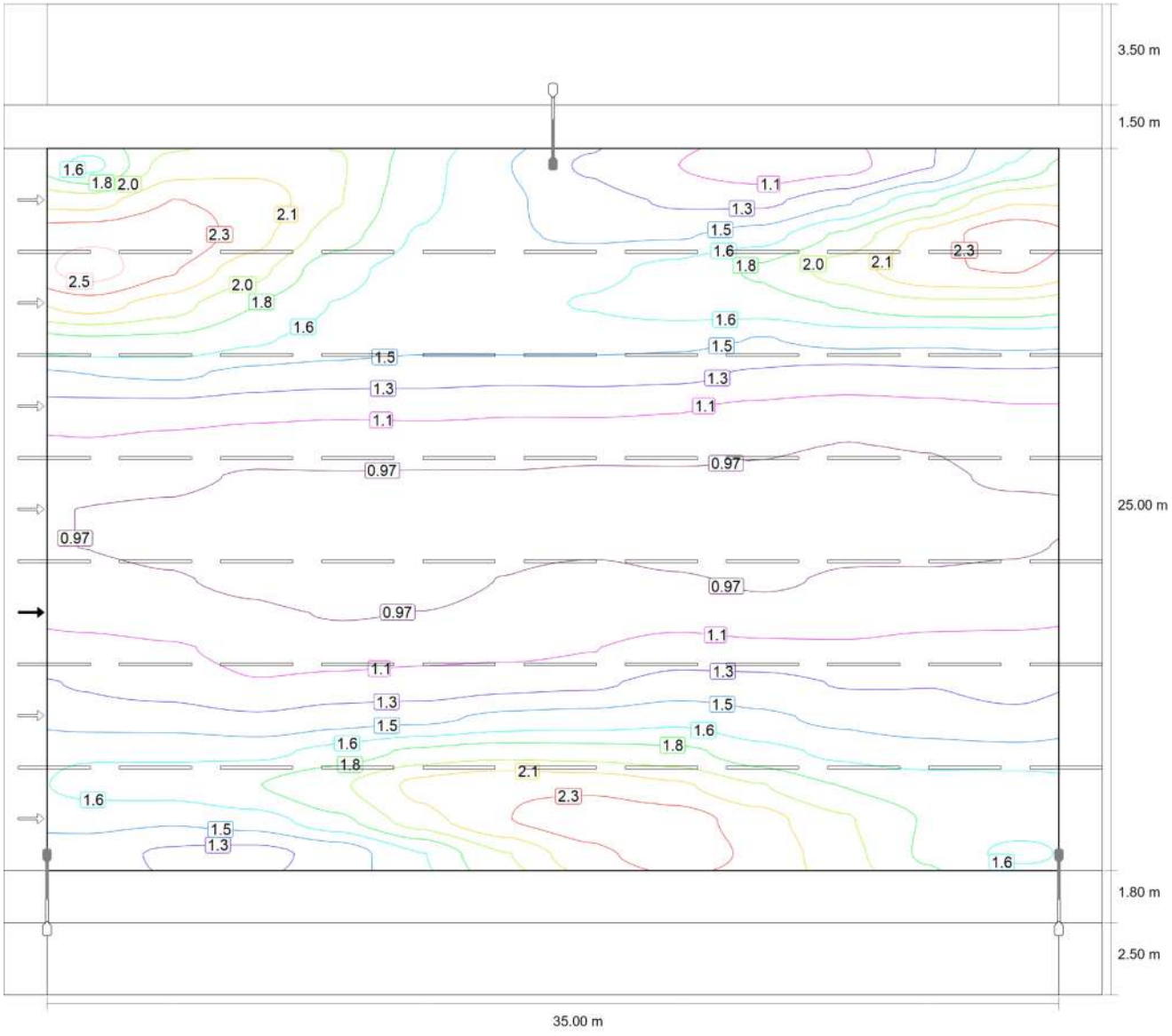
m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
22.752	1.43	1.42	1.33	1.26	1.22	1.23	1.23	1.21	1.17	1.23	1.21	1.23
21.562	1.18	1.20	1.14	1.12	1.10	1.09	1.09	1.08	1.03	0.99	1.02	1.03
20.371	1.00	0.99	0.96	0.94	0.94	0.93	0.93	0.92	0.88	0.86	0.87	0.90
19.181	0.90	0.87	0.84	0.83	0.83	0.83	0.82	0.82	0.79	0.78	0.78	0.84
17.990	0.82	0.80	0.76	0.77	0.77	0.77	0.76	0.76	0.75	0.73	0.75	0.79
16.800	0.77	0.76	0.74	0.72	0.74	0.73	0.74	0.73	0.73	0.73	0.75	0.75
15.610	0.77	0.76	0.74	0.71	0.72	0.75	0.76	0.74	0.74	0.76	0.75	0.76
14.419	0.81	0.78	0.76	0.72	0.74	0.78	0.80	0.79	0.76	0.79	0.79	0.80
13.229	0.85	0.83	0.80	0.77	0.78	0.81	0.84	0.86	0.82	0.84	0.86	0.87
12.038	0.96	0.92	0.87	0.84	0.86	0.87	0.90	0.97	0.95	0.93	0.96	0.96
10.848	1.03	1.00	0.92	0.95	0.97	1.00	1.02	1.10	1.09	1.03	1.04	1.02
9.657	1.10	1.09	1.06	1.12	1.14	1.21	1.23	1.27	1.20	1.14	1.08	1.06
8.467	1.29	1.29	1.27	1.36	1.47	1.52	1.51	1.48	1.36	1.28	1.24	1.22
7.276	1.35	1.37	1.44	1.56	1.75	1.82	1.82	1.74	1.58	1.44	1.37	1.36
6.086	1.22	1.19	1.24	1.41	1.65	1.84	1.93	1.91	1.77	1.59	1.43	1.37
4.895	1.10	1.02	1.01	1.10	1.31	1.57	1.80	1.92	1.81	1.63	1.42	1.28

Observer 3: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 3: Maintenance value, luminance with dry roadway	1.15 cd/m²	0.71 cd/m²	2.04 cd/m²	0.62	0.35

Taikos pr. prie AVITELA

Taikos pr. prie AVITELA (M3)

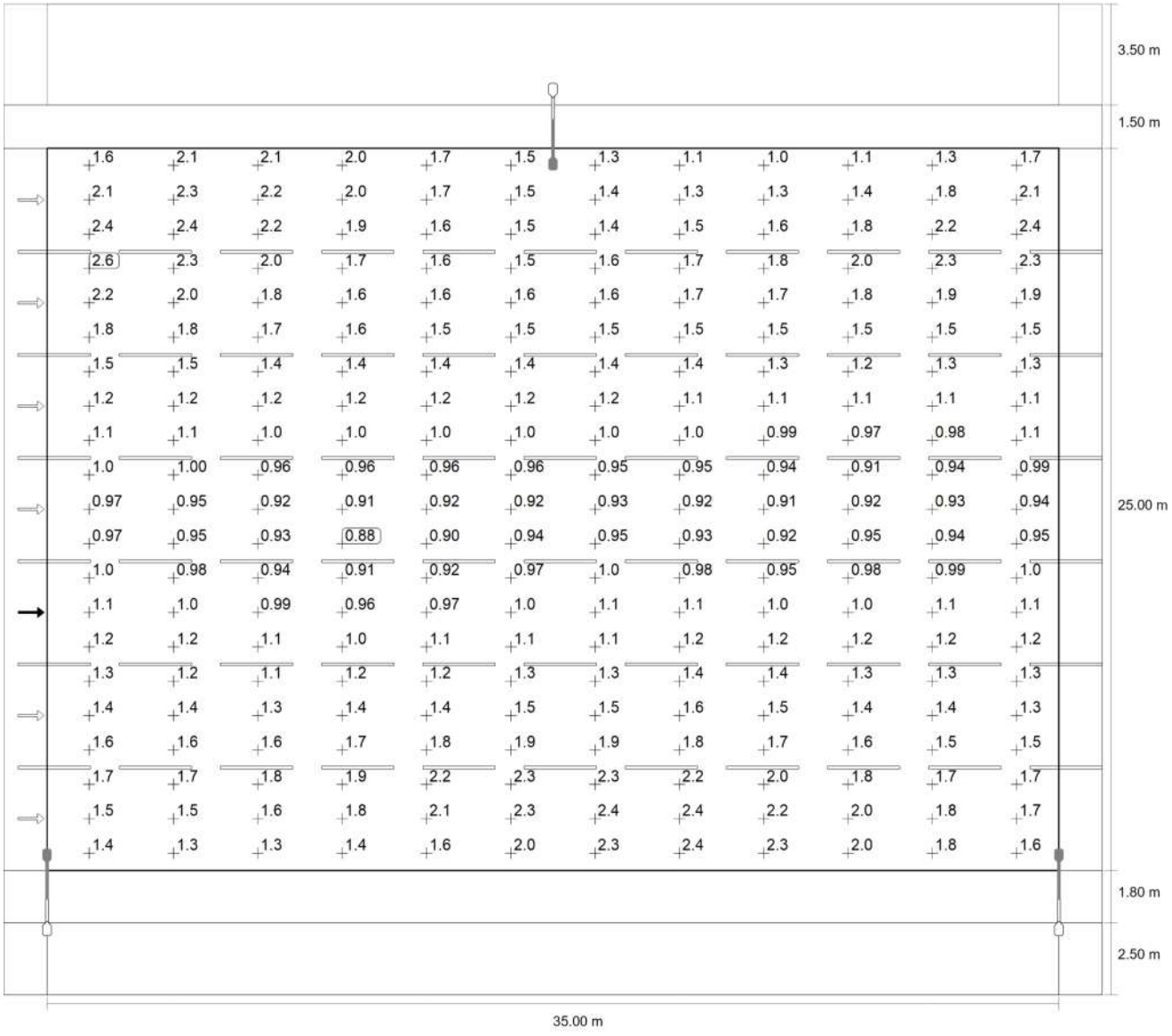


Observer 3: Luminance with new installation [cd/m²] (Iso-illuminance curves)

DIALux

Taikos pr. prie AVITELA

Taikos pr. prie AVITELA (M3)



Observer 3: Luminance with new installation [cd/m²] (Value grid)

m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
28.705	1.59	2.06	2.08	1.98	1.71	1.47	1.28	1.14	1.03	1.08	1.30	1.66
27.514	2.07	2.31	2.25	1.97	1.68	1.50	1.38	1.28	1.27	1.45	1.77	2.12
26.324	2.43	2.44	2.20	1.89	1.61	1.49	1.45	1.45	1.56	1.84	2.19	2.42
25.133	2.56	2.33	2.03	1.69	1.59	1.53	1.59	1.69	1.83	2.05	2.28	2.32
23.943	2.21	2.05	1.81	1.63	1.58	1.59	1.65	1.72	1.73	1.82	1.92	1.92

Taikos pr. prie AVITELA

Taikos pr. prie AVITELA (M3)

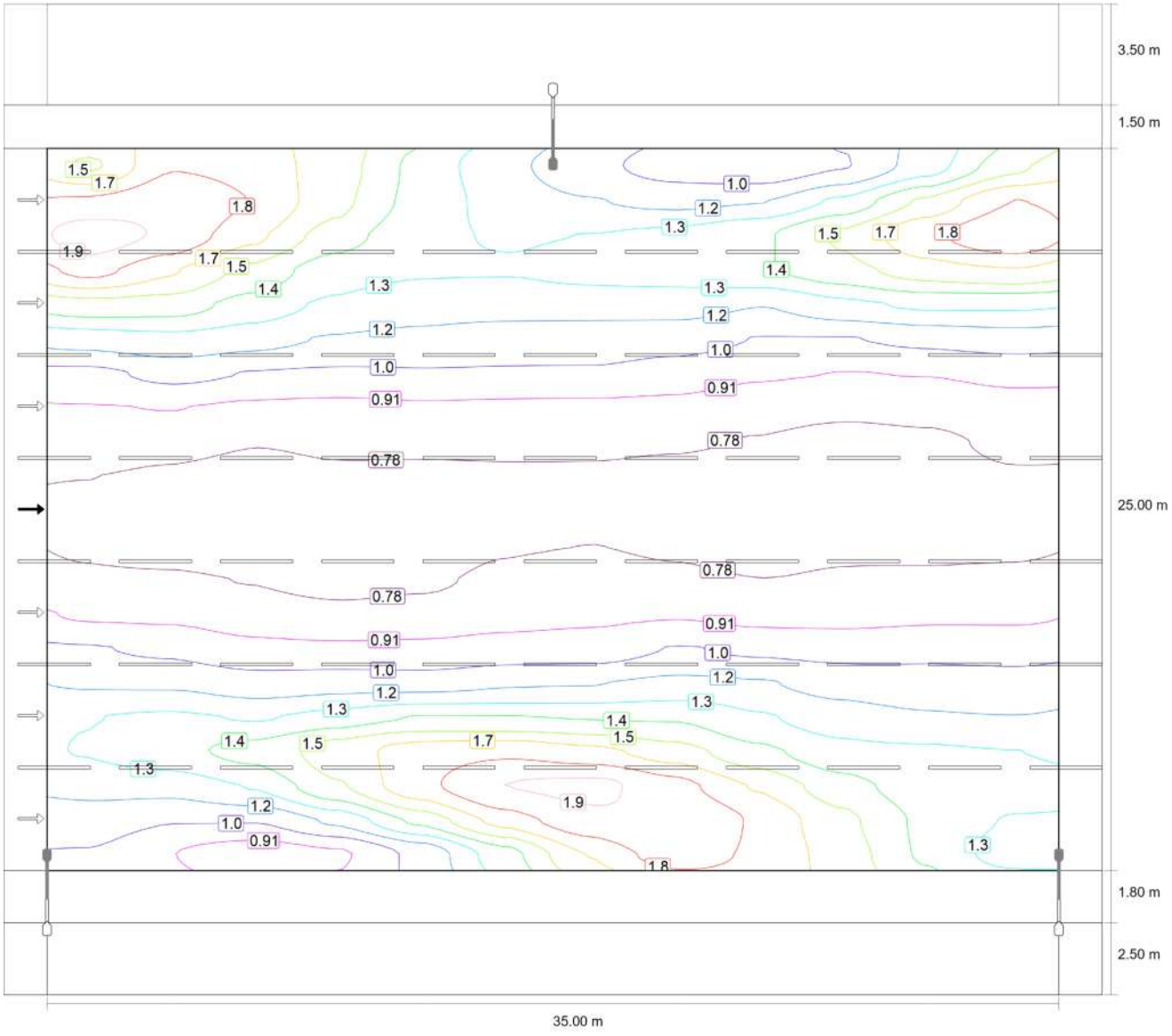
m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
22.752	1.79	1.77	1.67	1.57	1.52	1.54	1.54	1.52	1.47	1.53	1.51	1.54
21.562	1.47	1.50	1.42	1.39	1.38	1.36	1.37	1.35	1.28	1.24	1.27	1.28
20.371	1.25	1.24	1.20	1.17	1.18	1.16	1.16	1.15	1.10	1.08	1.09	1.13
19.181	1.12	1.09	1.04	1.04	1.04	1.03	1.03	1.03	0.99	0.97	0.98	1.05
17.990	1.02	1.00	0.96	0.96	0.96	0.96	0.95	0.95	0.94	0.91	0.94	0.99
16.800	0.97	0.95	0.92	0.91	0.92	0.92	0.93	0.92	0.91	0.92	0.93	0.94
15.610	0.97	0.95	0.93	0.88	0.90	0.94	0.95	0.93	0.92	0.95	0.94	0.95
14.419	1.01	0.98	0.94	0.91	0.92	0.97	1.01	0.98	0.95	0.98	0.99	1.01
13.229	1.07	1.04	0.99	0.96	0.97	1.02	1.05	1.07	1.03	1.05	1.08	1.08
12.038	1.20	1.16	1.09	1.05	1.08	1.09	1.13	1.21	1.18	1.17	1.20	1.21
10.848	1.29	1.25	1.15	1.19	1.22	1.25	1.27	1.37	1.36	1.29	1.30	1.27
9.657	1.37	1.37	1.33	1.40	1.42	1.51	1.54	1.59	1.51	1.43	1.36	1.33
8.467	1.62	1.61	1.59	1.69	1.84	1.90	1.88	1.85	1.70	1.60	1.55	1.52
7.276	1.68	1.71	1.80	1.95	2.18	2.28	2.27	2.17	1.98	1.80	1.72	1.70
6.086	1.52	1.49	1.55	1.76	2.07	2.30	2.41	2.38	2.21	1.99	1.79	1.71
4.895	1.37	1.28	1.26	1.37	1.64	1.97	2.25	2.40	2.26	2.04	1.78	1.60

Observer 3: Luminance with new installation [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 3: Luminance with new installation	1.43 cd/m²	0.88 cd/m²	2.56 cd/m²	0.62	0.35

Taikos pr. prie AVITELA

Taikos pr. prie AVITELA (M3)

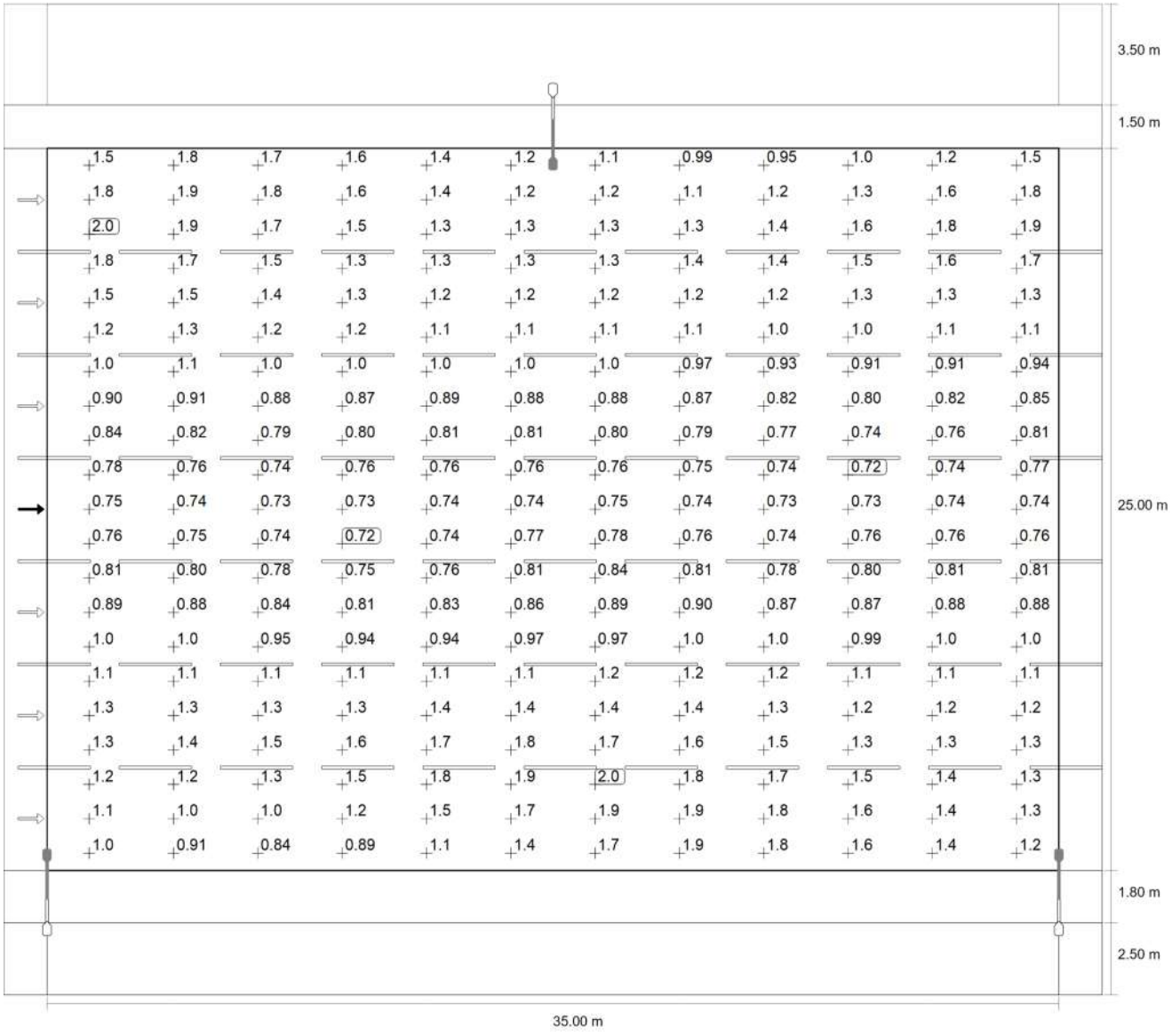


Observer 4: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

DIALux

Taikos pr. prie AVITELA

Taikos pr. prie AVITELA (M3)



Observer 4: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
28.705	1.53	1.79	1.74	1.60	1.38	1.20	1.07	0.99	0.95	1.03	1.23	1.51
27.514	1.83	1.91	1.80	1.58	1.37	1.24	1.17	1.12	1.16	1.32	1.57	1.80
26.324	1.99	1.91	1.70	1.48	1.33	1.28	1.29	1.32	1.40	1.57	1.77	1.91
25.133	1.85	1.69	1.51	1.34	1.30	1.30	1.34	1.36	1.41	1.50	1.61	1.67
23.943	1.50	1.48	1.36	1.27	1.22	1.21	1.21	1.21	1.17	1.26	1.32	1.31

Taikos pr. prie AVITELA

Taikos pr. prie AVITELA (M3)

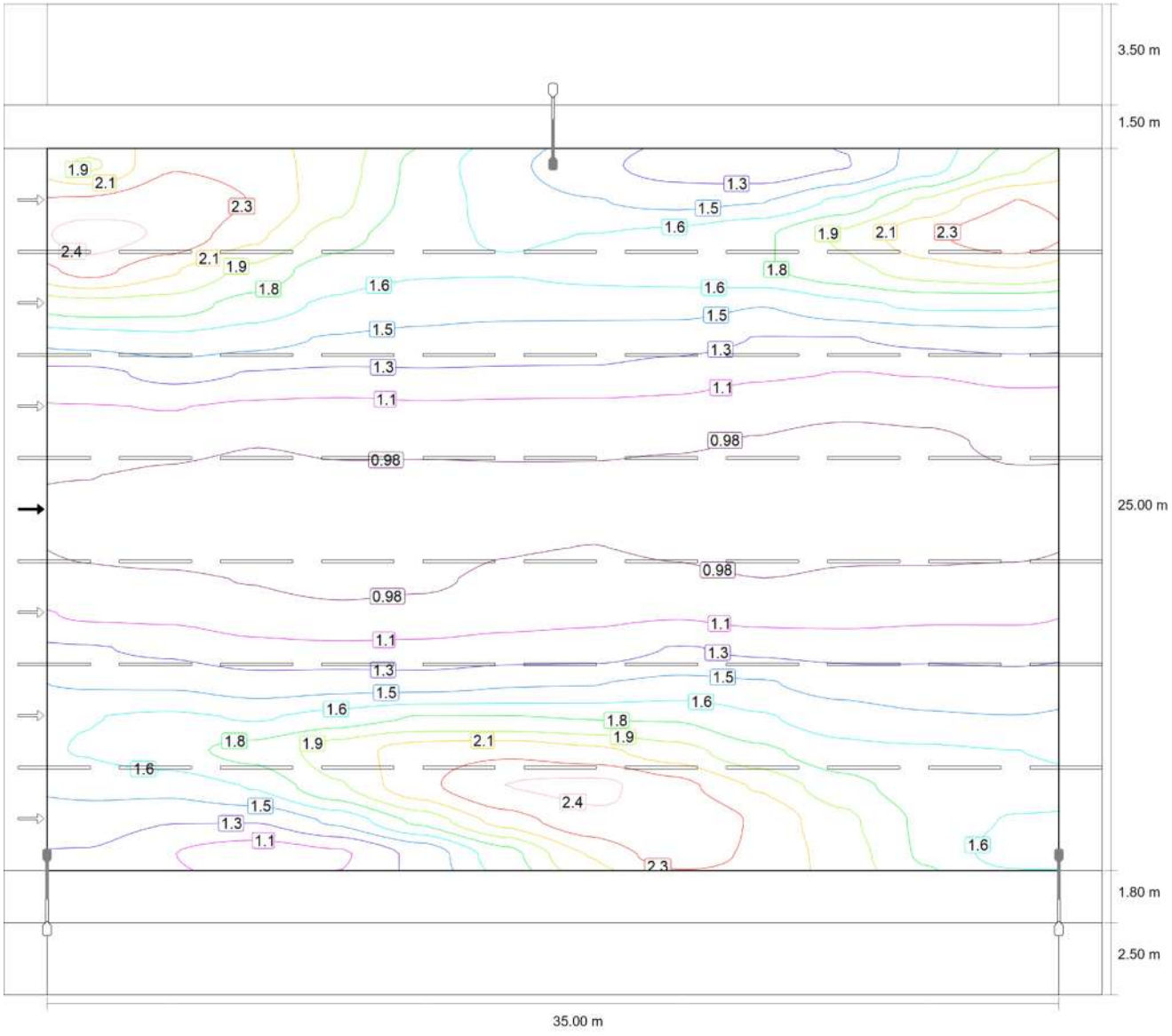
m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
22.752	1.22	1.25	1.21	1.15	1.13	1.10	1.10	1.09	1.03	1.03	1.07	1.10
21.562	1.01	1.07	1.03	1.01	1.02	1.02	1.02	0.97	0.93	0.91	0.91	0.94
20.371	0.90	0.91	0.88	0.87	0.89	0.88	0.88	0.87	0.82	0.80	0.82	0.85
19.181	0.84	0.82	0.79	0.80	0.81	0.81	0.80	0.79	0.77	0.74	0.76	0.81
17.990	0.78	0.76	0.74	0.76	0.76	0.76	0.76	0.75	0.74	0.72	0.74	0.77
16.800	0.75	0.74	0.73	0.73	0.74	0.74	0.75	0.74	0.73	0.73	0.74	0.74
15.610	0.76	0.75	0.74	0.72	0.74	0.77	0.78	0.76	0.74	0.76	0.76	0.76
14.419	0.81	0.80	0.78	0.75	0.76	0.81	0.84	0.81	0.78	0.80	0.81	0.81
13.229	0.89	0.88	0.84	0.81	0.83	0.86	0.89	0.90	0.87	0.87	0.88	0.88
12.038	1.05	1.01	0.95	0.94	0.94	0.97	0.97	1.04	1.01	0.99	1.01	1.00
10.848	1.14	1.14	1.10	1.12	1.11	1.15	1.16	1.20	1.17	1.11	1.09	1.08
9.657	1.29	1.31	1.28	1.35	1.42	1.42	1.41	1.41	1.31	1.23	1.18	1.17
8.467	1.30	1.38	1.46	1.61	1.73	1.78	1.71	1.60	1.45	1.34	1.31	1.29
7.276	1.19	1.21	1.30	1.53	1.77	1.93	1.96	1.85	1.66	1.47	1.35	1.33
6.086	1.11	1.04	1.04	1.20	1.46	1.73	1.89	1.92	1.78	1.58	1.39	1.28
4.895	1.02	0.91	0.84	0.89	1.08	1.37	1.68	1.87	1.78	1.61	1.39	1.24

Observer 4: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 4: Maintenance value, luminance with dry roadway	1.15 cd/m²	0.72 cd/m²	1.99 cd/m²	0.62	0.36

Taikos pr. prie AVITELA

Taikos pr. prie AVITELA (M3)

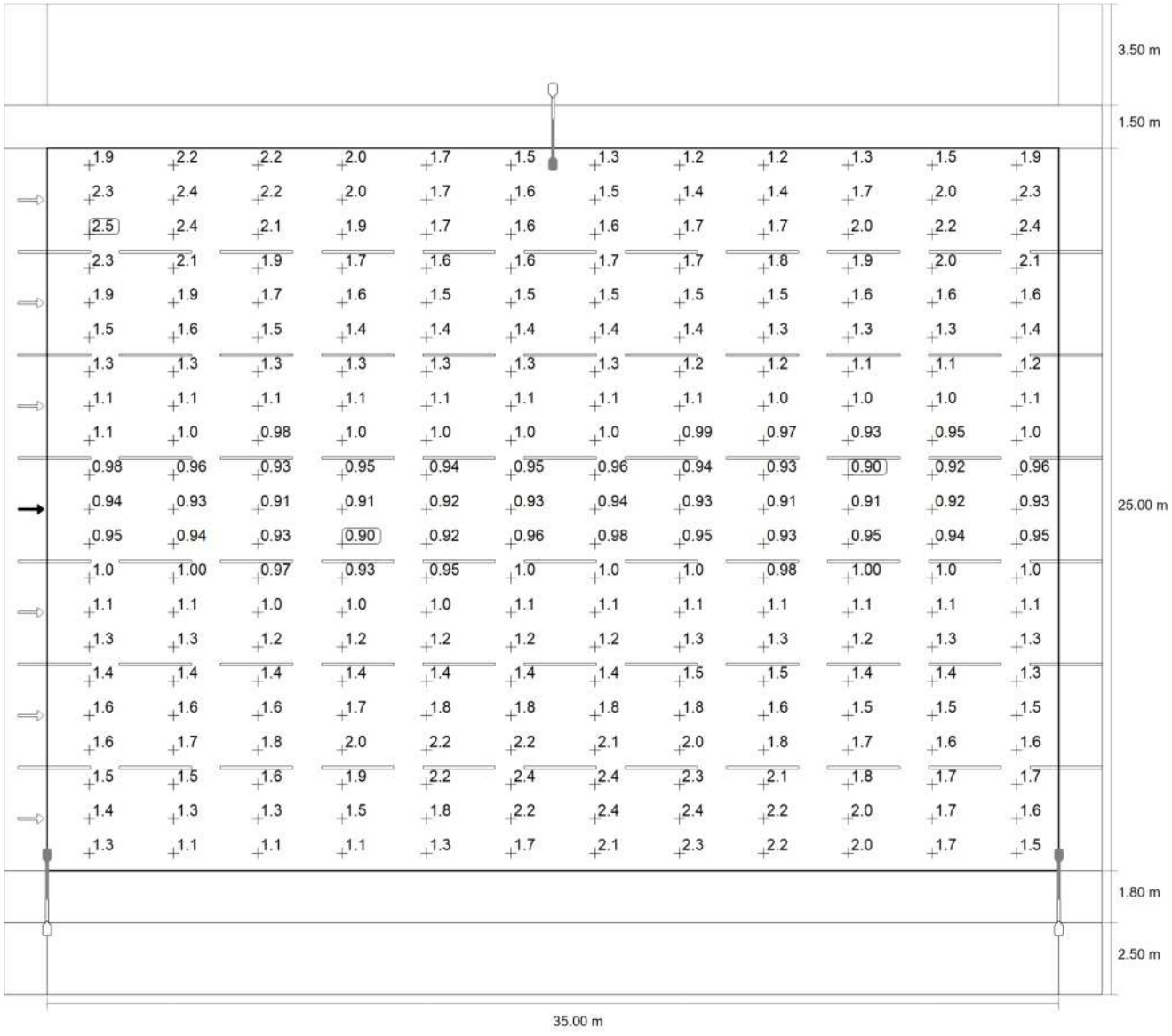


Observer 4: Luminance with new installation [cd/m²] (Iso-illuminance curves)

DIALux

Taikos pr. prie AVITELA

Taikos pr. prie AVITELA (M3)



Observer 4: Luminance with new installation [cd/m²] (Value grid)

m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
28.705	1.91	2.24	2.18	2.00	1.72	1.51	1.34	1.24	1.19	1.29	1.54	1.88
27.514	2.28	2.39	2.24	1.98	1.71	1.56	1.46	1.41	1.44	1.65	1.97	2.25
26.324	2.49	2.39	2.13	1.85	1.66	1.60	1.62	1.65	1.75	1.96	2.22	2.38
25.133	2.31	2.11	1.89	1.68	1.63	1.62	1.67	1.70	1.76	1.88	2.02	2.09
23.943	1.88	1.85	1.70	1.58	1.52	1.52	1.51	1.51	1.46	1.58	1.65	1.64

Taikos pr. prie AVITELA

Taikos pr. prie AVITELA (M3)

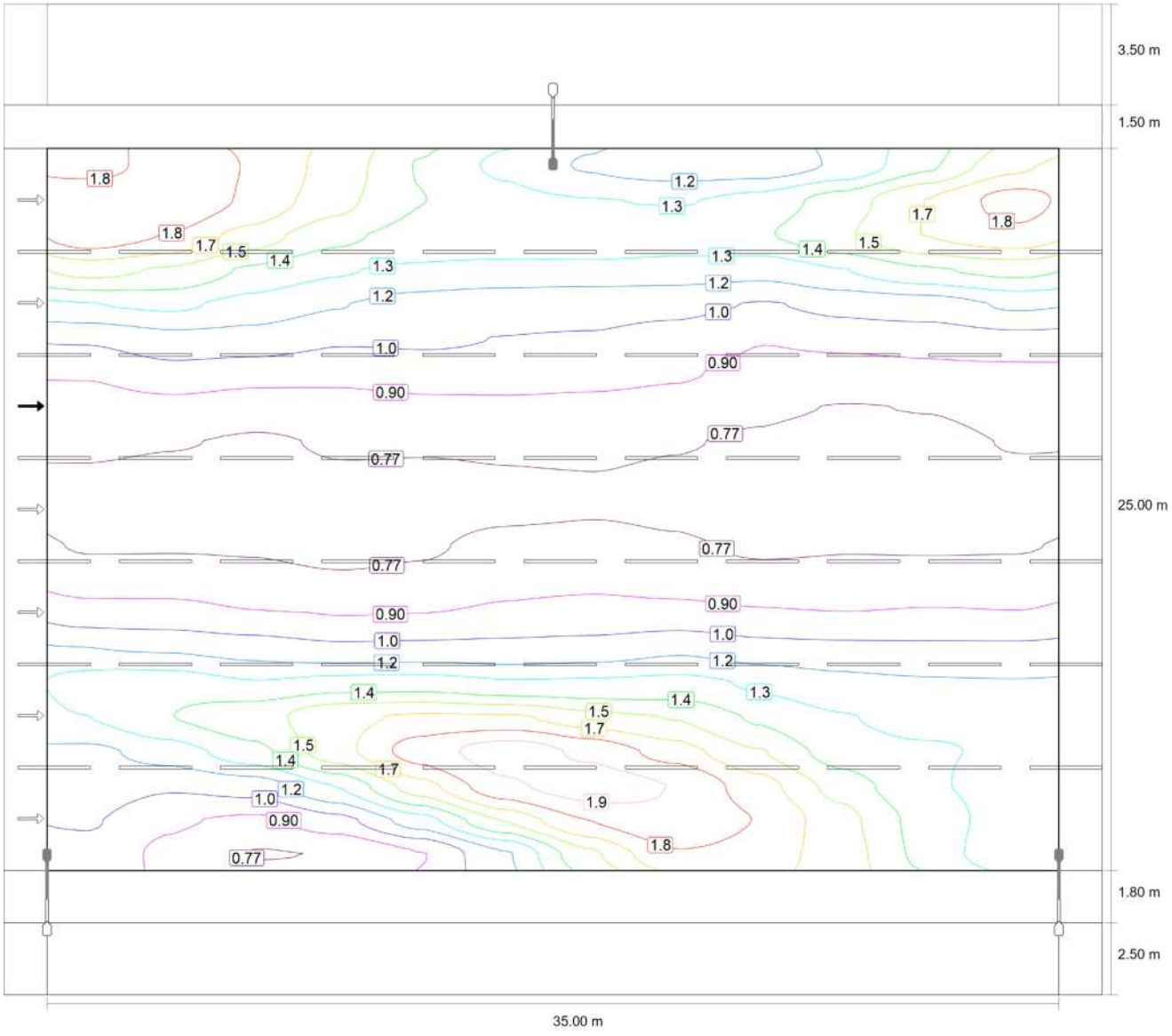
m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
22.752	1.52	1.57	1.51	1.44	1.41	1.37	1.37	1.37	1.29	1.29	1.34	1.37
21.562	1.26	1.34	1.29	1.27	1.28	1.27	1.27	1.21	1.16	1.14	1.14	1.18
20.371	1.13	1.14	1.10	1.09	1.11	1.10	1.10	1.09	1.03	1.01	1.02	1.07
19.181	1.05	1.02	0.98	1.00	1.01	1.02	1.00	0.99	0.97	0.93	0.95	1.01
17.990	0.98	0.96	0.93	0.95	0.94	0.95	0.96	0.94	0.93	0.90	0.92	0.96
16.800	0.94	0.93	0.91	0.91	0.92	0.93	0.94	0.93	0.91	0.91	0.92	0.93
15.610	0.95	0.94	0.93	0.90	0.92	0.96	0.98	0.95	0.93	0.95	0.94	0.95
14.419	1.01	1.00	0.97	0.93	0.95	1.01	1.04	1.02	0.98	1.00	1.01	1.02
13.229	1.11	1.10	1.05	1.02	1.04	1.08	1.11	1.12	1.09	1.08	1.10	1.10
12.038	1.31	1.26	1.19	1.17	1.18	1.21	1.22	1.30	1.26	1.24	1.26	1.26
10.848	1.43	1.43	1.37	1.39	1.39	1.43	1.45	1.50	1.47	1.39	1.36	1.35
9.657	1.61	1.64	1.60	1.68	1.78	1.77	1.76	1.76	1.63	1.54	1.48	1.46
8.467	1.63	1.72	1.82	2.01	2.16	2.22	2.14	2.00	1.82	1.67	1.64	1.62
7.276	1.49	1.51	1.63	1.92	2.21	2.41	2.44	2.31	2.07	1.84	1.69	1.66
6.086	1.39	1.30	1.31	1.50	1.83	2.16	2.37	2.40	2.23	1.97	1.74	1.60
4.895	1.28	1.14	1.05	1.12	1.35	1.71	2.11	2.33	2.22	2.02	1.74	1.55

Observer 4: Luminance with new installation [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 4: Luminance with new installation	1.43 cd/m²	0.90 cd/m²	2.49 cd/m²	0.62	0.36

Taikos pr. prie AVITELA

Taikos pr. prie AVITELA (M3)

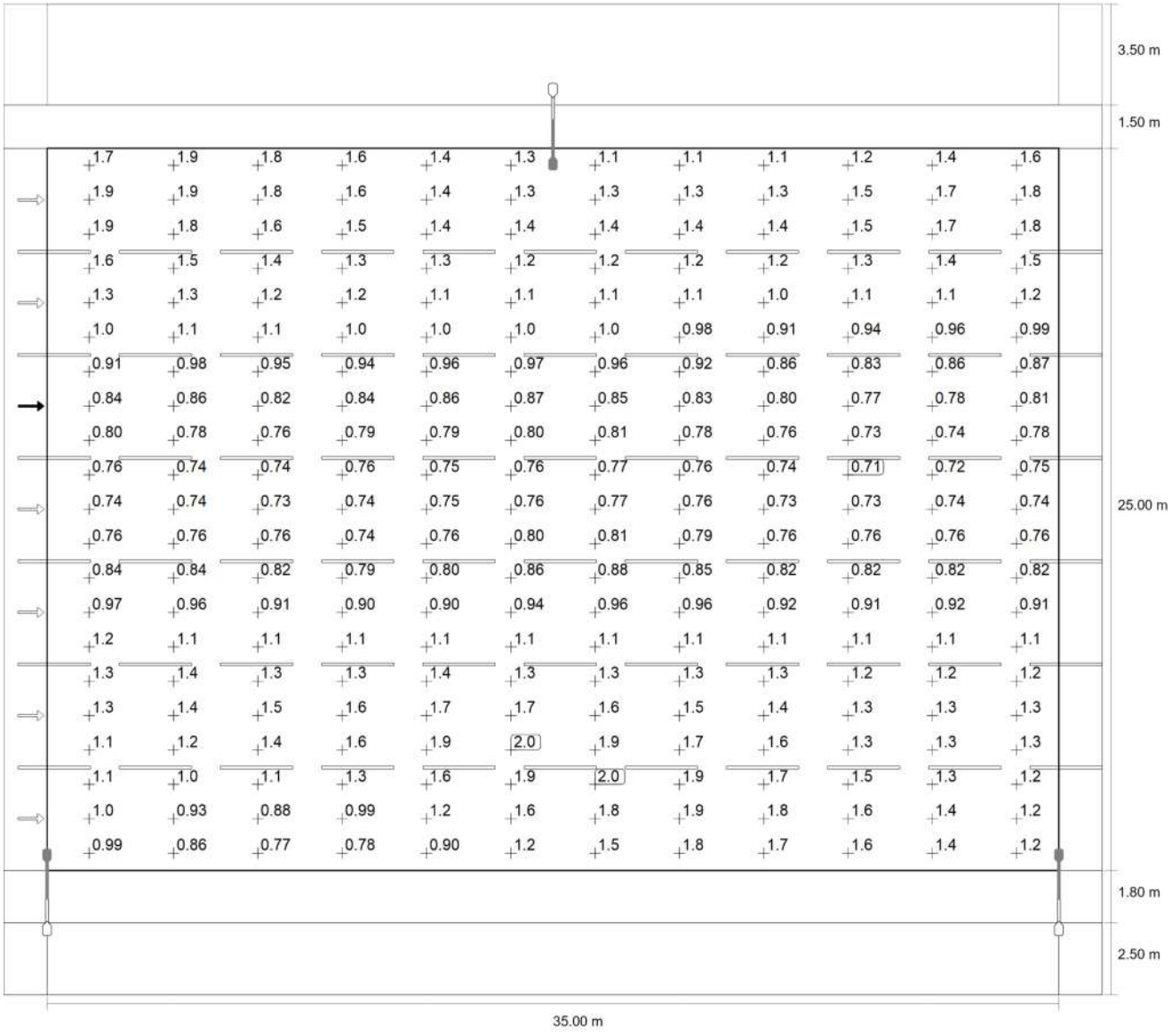


Observer 5: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

DIALux

Taikos pr. prie AVITELA

Taikos pr. prie AVITELA (M3)



Observer 5: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
28.705	1.73	1.89	1.79	1.62	1.40	1.26	1.14	1.08	1.08	1.18	1.39	1.64
27.514	1.93	1.91	1.77	1.59	1.42	1.33	1.29	1.28	1.34	1.48	1.68	1.85
26.324	1.89	1.80	1.61	1.45	1.37	1.36	1.38	1.37	1.40	1.53	1.68	1.76
25.133	1.59	1.53	1.39	1.30	1.26	1.25	1.24	1.22	1.20	1.29	1.40	1.45
23.943	1.28	1.31	1.23	1.17	1.11	1.08	1.07	1.06	1.02	1.07	1.10	1.18

Taikos pr. prie AVITELA

Taikos pr. prie AVITELA (M3)

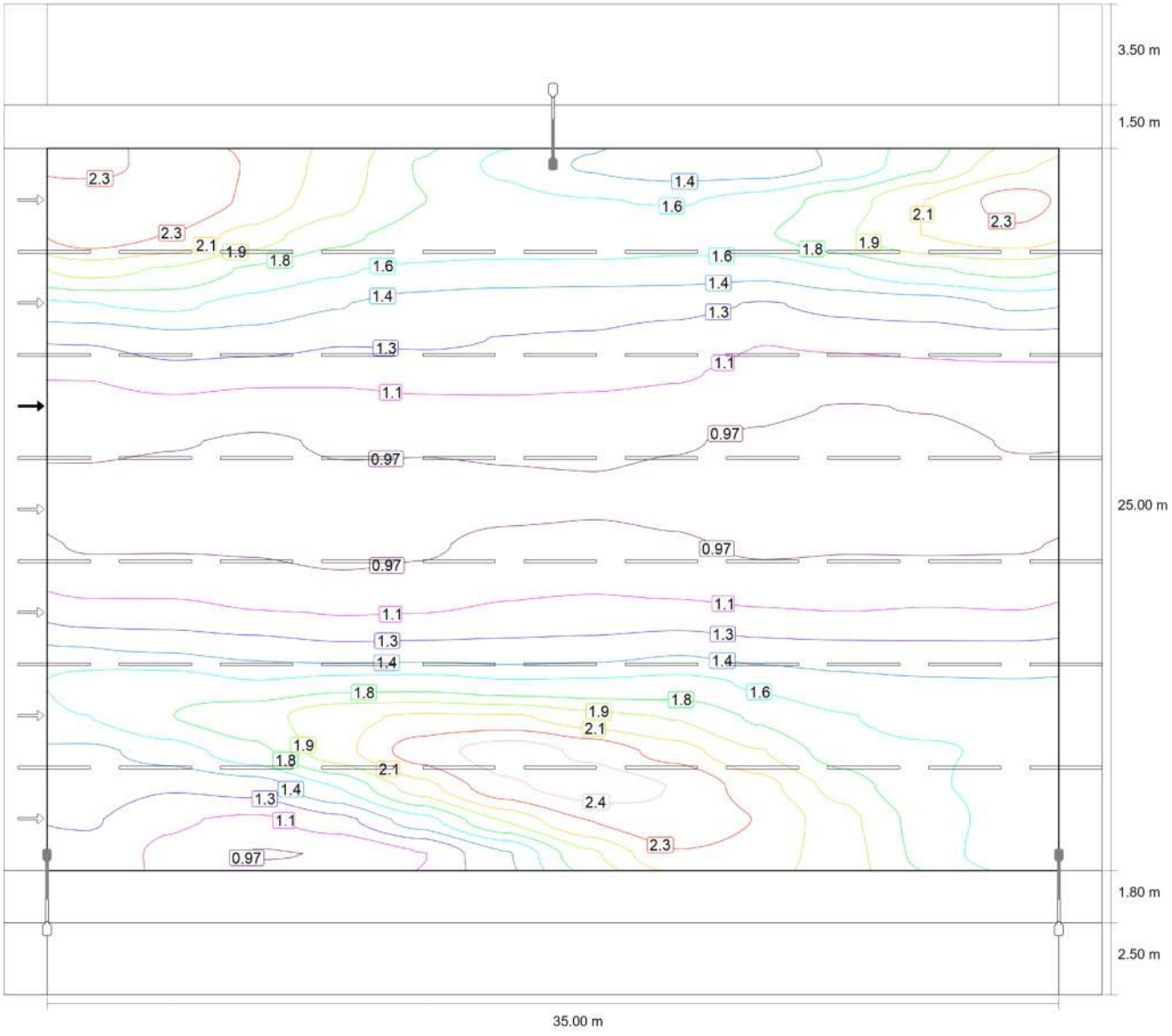
m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
22.752	1.04	1.11	1.10	1.04	1.05	1.03	1.02	0.98	0.91	0.94	0.96	0.99
21.562	0.91	0.98	0.95	0.94	0.96	0.97	0.96	0.92	0.86	0.83	0.86	0.87
20.371	0.84	0.86	0.82	0.84	0.86	0.87	0.85	0.83	0.80	0.77	0.78	0.81
19.181	0.80	0.78	0.76	0.79	0.79	0.80	0.81	0.78	0.76	0.73	0.74	0.78
17.990	0.76	0.74	0.74	0.76	0.75	0.76	0.77	0.76	0.74	0.71	0.72	0.75
16.800	0.74	0.74	0.73	0.74	0.75	0.76	0.77	0.76	0.73	0.73	0.74	0.74
15.610	0.76	0.76	0.76	0.74	0.76	0.80	0.81	0.79	0.76	0.76	0.76	0.76
14.419	0.84	0.84	0.82	0.79	0.80	0.86	0.88	0.85	0.82	0.82	0.82	0.82
13.229	0.97	0.96	0.91	0.90	0.90	0.94	0.96	0.96	0.92	0.91	0.92	0.91
12.038	1.16	1.14	1.11	1.06	1.07	1.08	1.09	1.14	1.08	1.07	1.06	1.06
10.848	1.33	1.35	1.30	1.34	1.35	1.30	1.31	1.33	1.27	1.20	1.17	1.17
9.657	1.29	1.42	1.49	1.63	1.69	1.69	1.59	1.54	1.39	1.29	1.26	1.25
8.467	1.13	1.22	1.37	1.63	1.87	1.99	1.90	1.74	1.55	1.35	1.30	1.28
7.276	1.08	1.04	1.09	1.30	1.63	1.90	1.99	1.93	1.73	1.49	1.31	1.25
6.086	1.04	0.93	0.88	0.99	1.24	1.56	1.81	1.91	1.80	1.58	1.37	1.23
4.895	0.99	0.86	0.77	0.78	0.90	1.15	1.52	1.78	1.74	1.60	1.37	1.20

Observer 5: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 5: Maintenance value, luminance with dry roadway	1.14 cd/m²	0.71 cd/m²	1.99 cd/m²	0.62	0.36

Taikos pr. prie AVITELA

Taikos pr. prie AVITELA (M3)

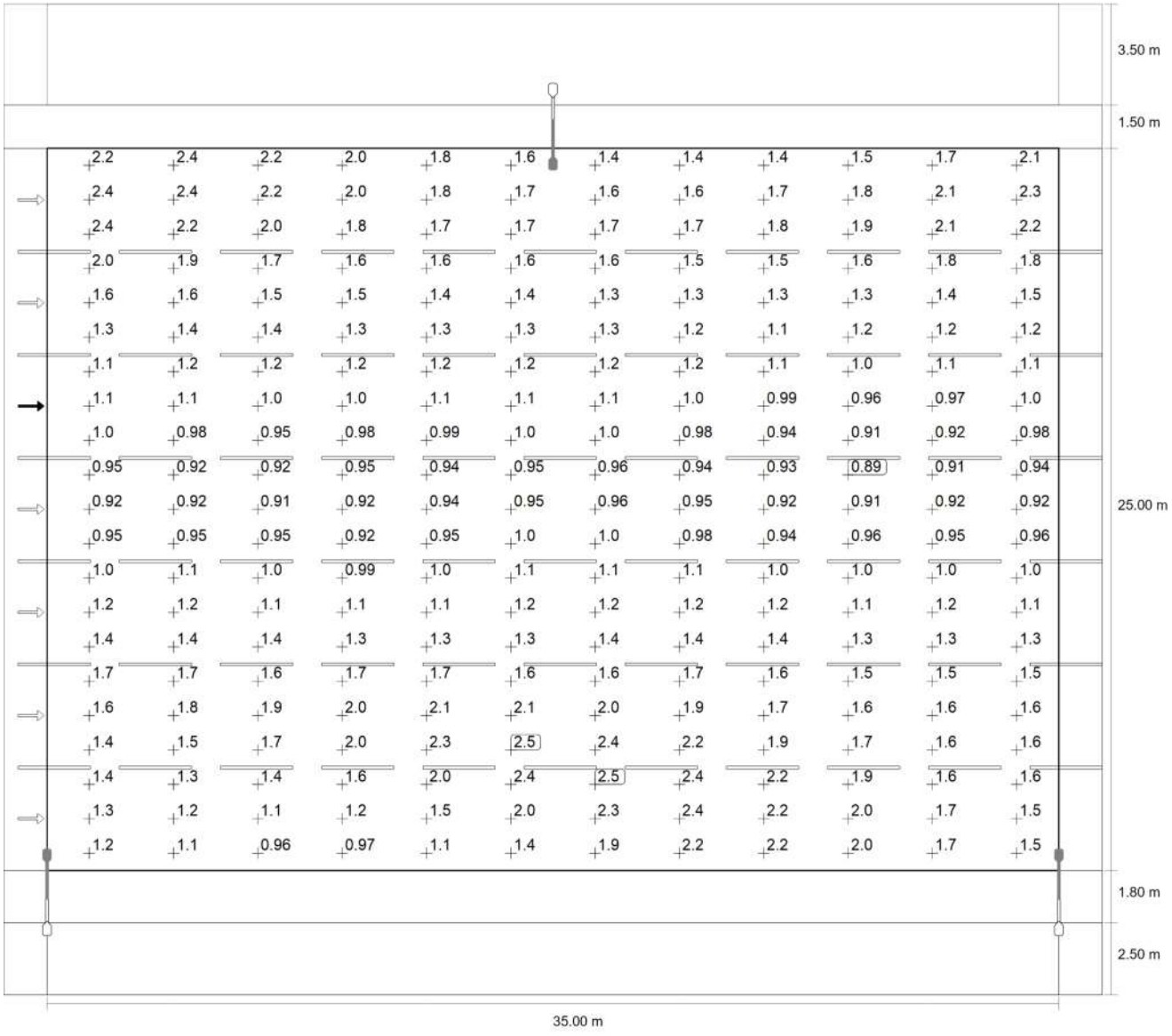


Observer 5: Luminance with new installation [cd/m²] (Iso-illuminance curves)

DIALux

Taikos pr. prie AVITELA

Taikos pr. prie AVITELA (M3)



Observer 5: Luminance with new installation [cd/m²] (Value grid)

m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
28.705	2.16	2.36	2.24	2.03	1.75	1.57	1.43	1.36	1.35	1.48	1.74	2.05
27.514	2.41	2.39	2.22	1.98	1.77	1.66	1.62	1.60	1.67	1.85	2.10	2.31
26.324	2.36	2.25	2.02	1.81	1.71	1.70	1.73	1.71	1.76	1.91	2.10	2.20
25.133	1.99	1.91	1.74	1.63	1.58	1.56	1.55	1.53	1.50	1.61	1.75	1.82
23.943	1.61	1.64	1.54	1.46	1.38	1.35	1.34	1.33	1.28	1.34	1.37	1.47

Taikos pr. prie AVITELA

Taikos pr. prie AVITELA (M3)

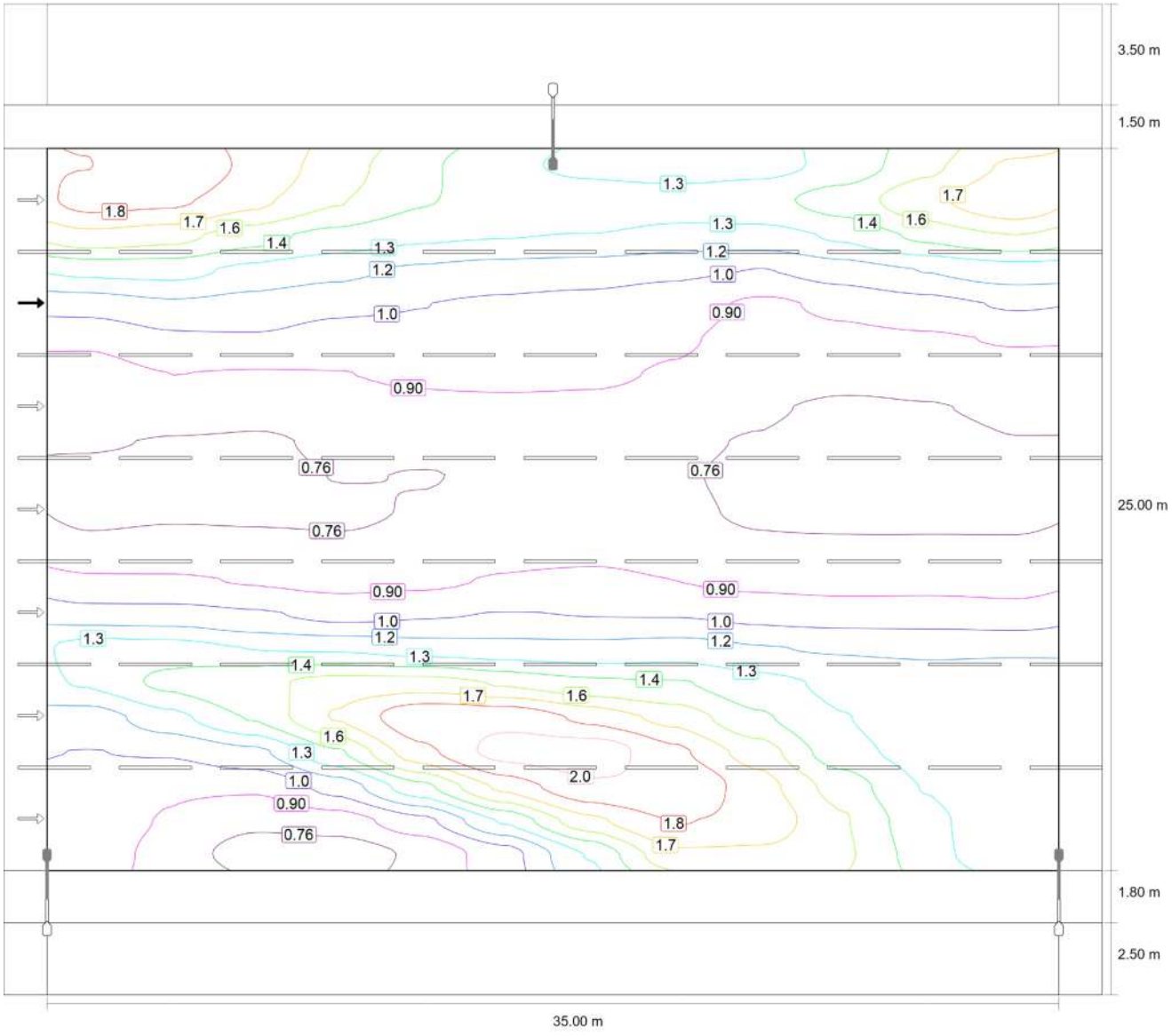
m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
22.752	1.31	1.39	1.37	1.31	1.31	1.28	1.27	1.22	1.13	1.17	1.20	1.24
21.562	1.14	1.22	1.19	1.17	1.21	1.21	1.20	1.15	1.08	1.04	1.07	1.08
20.371	1.05	1.07	1.03	1.05	1.08	1.08	1.07	1.04	0.99	0.96	0.97	1.02
19.181	1.00	0.98	0.95	0.98	0.99	1.01	1.01	0.98	0.94	0.91	0.92	0.98
17.990	0.95	0.92	0.92	0.95	0.94	0.95	0.96	0.94	0.93	0.89	0.91	0.94
16.800	0.92	0.92	0.91	0.92	0.94	0.95	0.96	0.95	0.92	0.91	0.92	0.92
15.610	0.95	0.95	0.95	0.92	0.95	1.00	1.01	0.98	0.94	0.96	0.95	0.96
14.419	1.05	1.05	1.02	0.99	1.00	1.07	1.10	1.06	1.02	1.03	1.02	1.03
13.229	1.22	1.21	1.14	1.12	1.13	1.17	1.19	1.20	1.15	1.13	1.15	1.14
12.038	1.45	1.43	1.39	1.33	1.34	1.35	1.36	1.42	1.35	1.33	1.32	1.32
10.848	1.66	1.69	1.62	1.68	1.69	1.63	1.64	1.66	1.58	1.50	1.47	1.46
9.657	1.61	1.77	1.86	2.03	2.12	2.11	1.99	1.92	1.74	1.62	1.57	1.57
8.467	1.42	1.52	1.72	2.03	2.33	2.49	2.38	2.17	1.94	1.68	1.62	1.60
7.276	1.35	1.30	1.36	1.62	2.03	2.38	2.49	2.41	2.16	1.86	1.63	1.56
6.086	1.30	1.16	1.10	1.24	1.55	1.95	2.26	2.38	2.24	1.98	1.71	1.54
4.895	1.24	1.08	0.96	0.97	1.13	1.44	1.90	2.23	2.17	2.00	1.72	1.50

Observer 5: Luminance with new installation [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 5: Luminance with new installation	1.43 cd/m²	0.89 cd/m²	2.49 cd/m²	0.62	0.36

Taikos pr. prie AVITELA

Taikos pr. prie AVITELA (M3)

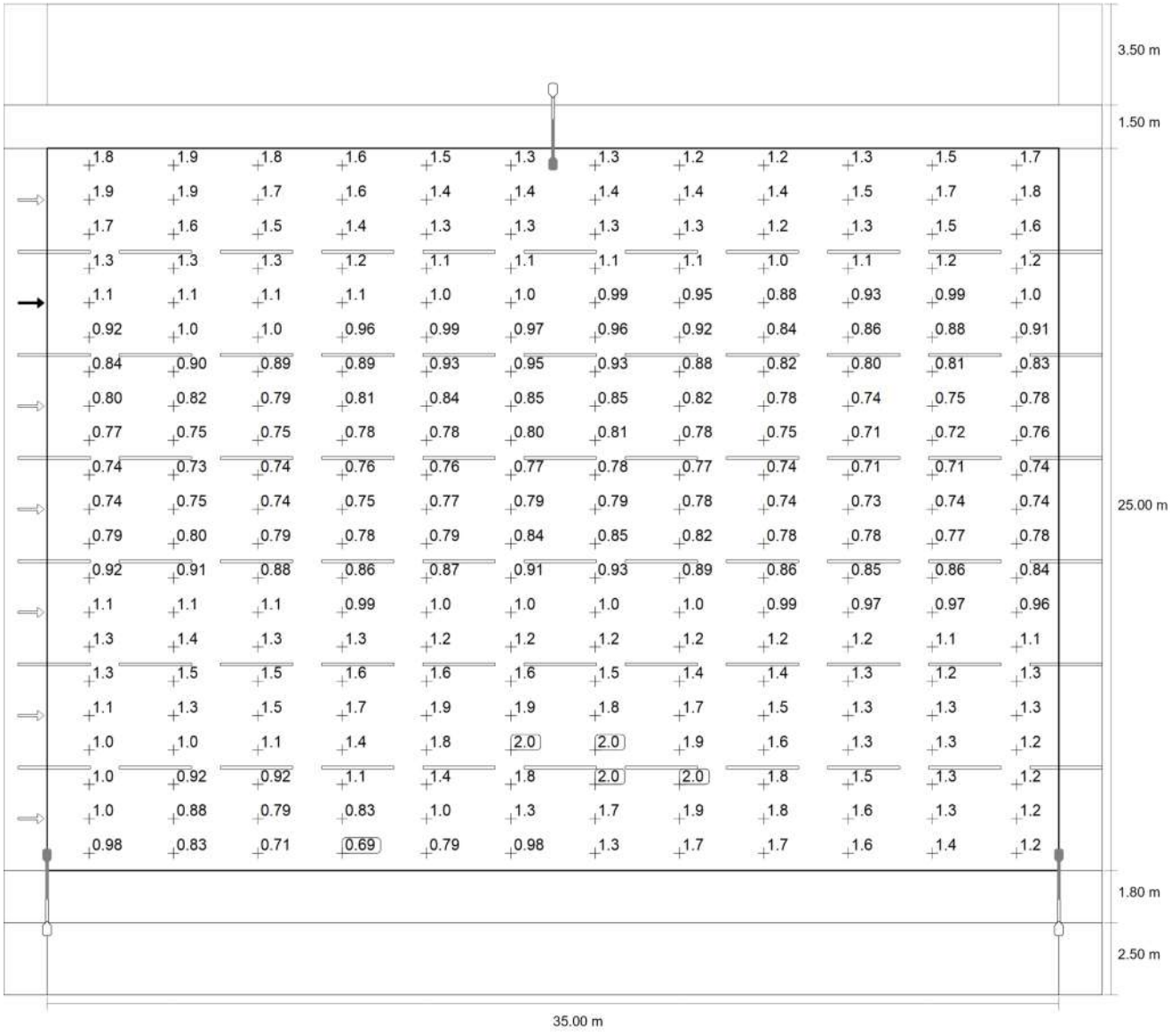


Observer 6: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

DIALux

Taikos pr. prie AVITELA

Taikos pr. prie AVITELA (M3)



Observer 6: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
28.705	1.84	1.93	1.82	1.64	1.47	1.35	1.26	1.22	1.25	1.35	1.54	1.73
27.514	1.89	1.87	1.74	1.58	1.45	1.41	1.39	1.37	1.40	1.50	1.67	1.81
26.324	1.67	1.62	1.49	1.39	1.33	1.31	1.30	1.25	1.25	1.33	1.48	1.58
25.133	1.34	1.35	1.26	1.20	1.15	1.11	1.09	1.06	1.03	1.10	1.17	1.24
23.943	1.09	1.15	1.11	1.07	1.03	1.01	0.99	0.95	0.88	0.93	0.99	1.05

Taikos pr. prie AVITELA

Taikos pr. prie AVITELA (M3)

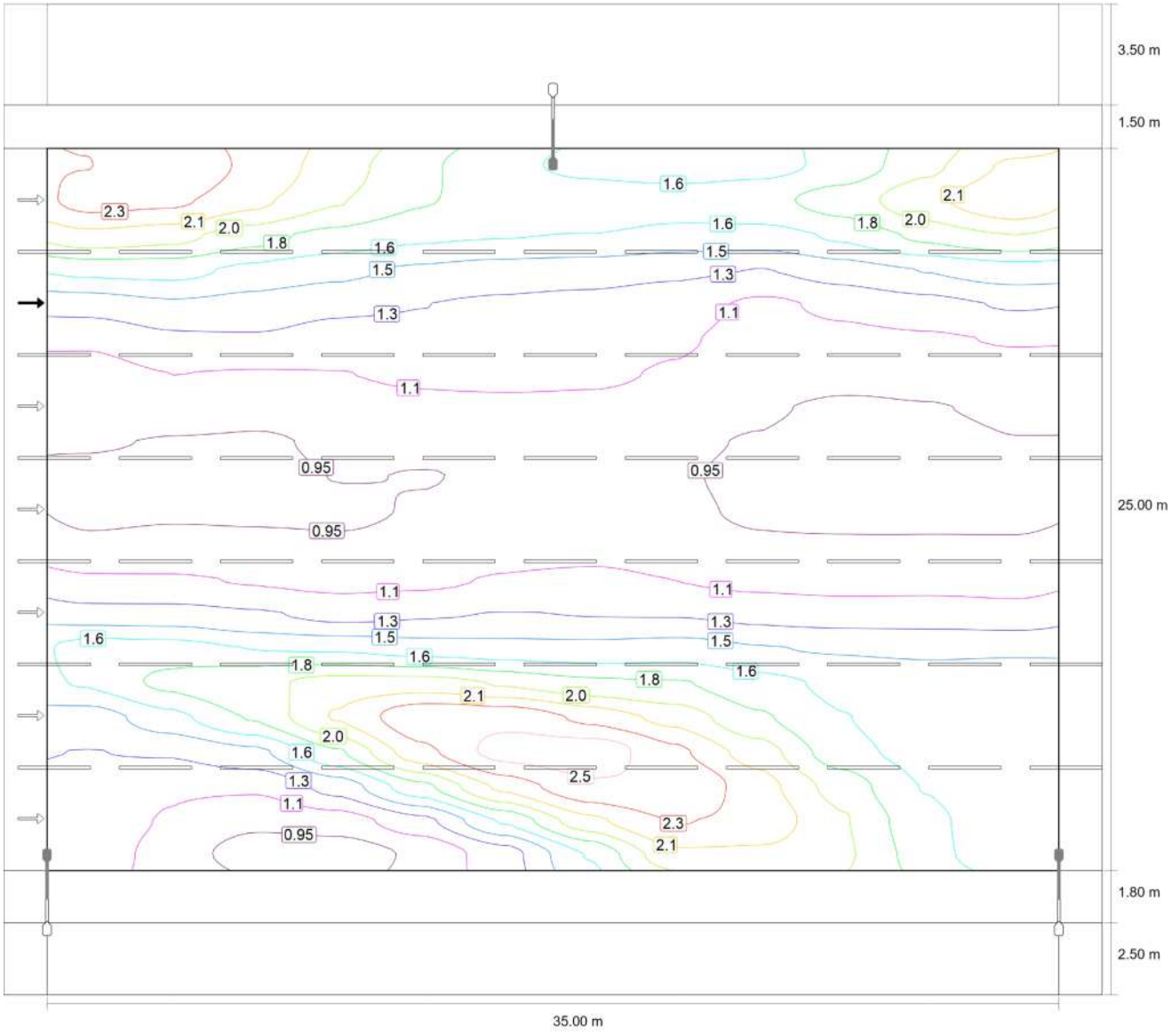
m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
22.752	0.92	1.00	1.01	0.96	0.99	0.97	0.96	0.92	0.84	0.86	0.88	0.91
21.562	0.84	0.90	0.89	0.89	0.93	0.95	0.93	0.88	0.82	0.80	0.81	0.83
20.371	0.80	0.82	0.79	0.81	0.84	0.85	0.85	0.82	0.78	0.74	0.75	0.78
19.181	0.77	0.75	0.75	0.78	0.78	0.80	0.81	0.78	0.75	0.71	0.72	0.76
17.990	0.74	0.73	0.74	0.76	0.76	0.77	0.78	0.77	0.74	0.71	0.71	0.74
16.800	0.74	0.75	0.74	0.75	0.77	0.79	0.79	0.78	0.74	0.73	0.74	0.74
15.610	0.79	0.80	0.79	0.78	0.79	0.84	0.85	0.82	0.78	0.78	0.77	0.78
14.419	0.92	0.91	0.88	0.86	0.87	0.91	0.93	0.89	0.86	0.85	0.86	0.84
13.229	1.09	1.09	1.05	0.99	1.02	1.03	1.03	1.02	0.99	0.97	0.97	0.96
12.038	1.34	1.36	1.30	1.28	1.25	1.23	1.22	1.24	1.18	1.15	1.14	1.14
10.848	1.32	1.47	1.54	1.62	1.63	1.55	1.47	1.45	1.35	1.27	1.24	1.26
9.657	1.11	1.26	1.45	1.72	1.93	1.93	1.80	1.66	1.46	1.31	1.26	1.26
8.467	1.03	1.05	1.14	1.43	1.80	2.03	2.05	1.87	1.64	1.35	1.26	1.20
7.276	1.01	0.92	0.92	1.09	1.41	1.75	1.95	1.96	1.76	1.51	1.29	1.19
6.086	1.01	0.88	0.79	0.83	1.00	1.33	1.67	1.85	1.80	1.58	1.34	1.20
4.895	0.98	0.83	0.71	0.69	0.79	0.98	1.32	1.67	1.68	1.59	1.37	1.18

Observer 6: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 6: Maintenance value, luminance with dry roadway	1.13 cd/m²	0.69 cd/m²	2.05 cd/m²	0.61	0.34

Taikos pr. prie AVITELA

Taikos pr. prie AVITELA (M3)

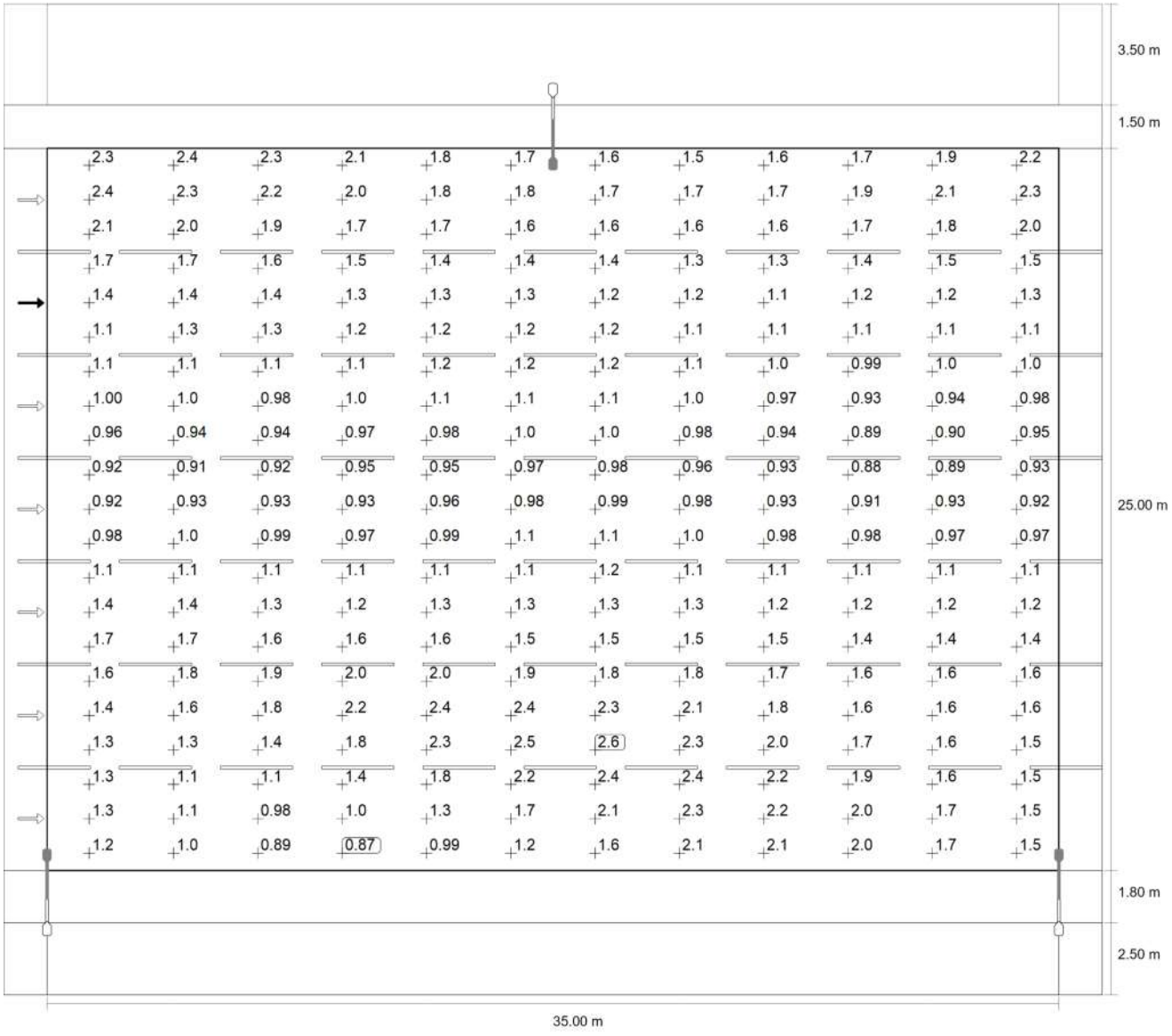


Observer 6: Luminance with new installation [cd/m²] (Iso-illuminance curves)

DIALux

Taikos pr. prie AVITELA

Taikos pr. prie AVITELA (M3)



Observer 6: Luminance with new installation [cd/m²] (Value grid)

m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
28.705	2.30	2.42	2.27	2.05	1.83	1.68	1.57	1.53	1.56	1.68	1.92	2.17
27.514	2.37	2.34	2.18	1.98	1.81	1.76	1.73	1.71	1.75	1.88	2.09	2.27
26.324	2.08	2.03	1.87	1.74	1.66	1.64	1.62	1.57	1.56	1.66	1.85	1.97
25.133	1.67	1.68	1.58	1.50	1.43	1.39	1.37	1.32	1.29	1.38	1.47	1.55
23.943	1.36	1.43	1.39	1.33	1.29	1.26	1.24	1.19	1.09	1.16	1.23	1.31

Taikos pr. prie AVITELA

Taikos pr. prie AVITELA (M3)

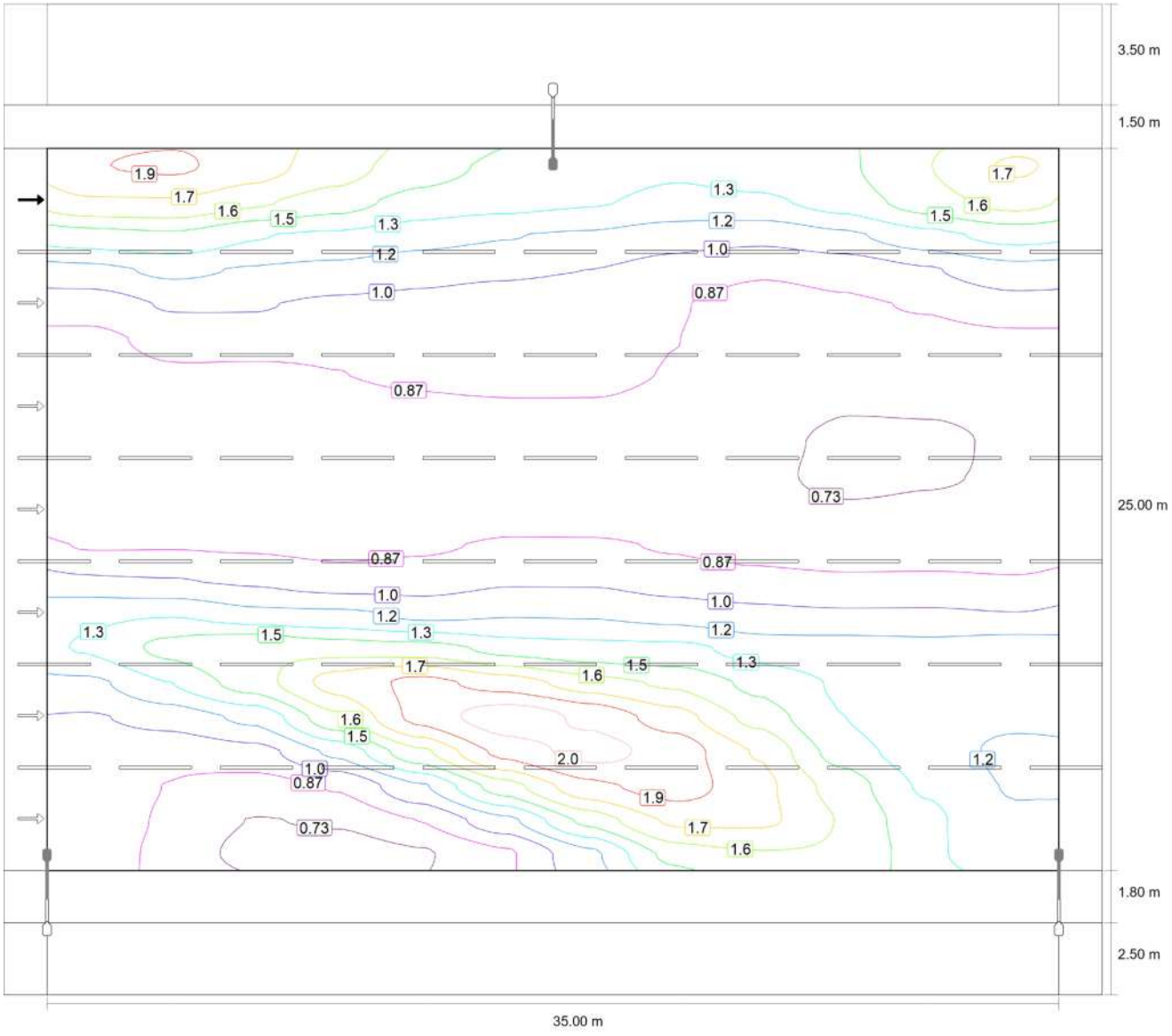
m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
22.752	1.15	1.25	1.27	1.20	1.24	1.21	1.20	1.15	1.05	1.07	1.10	1.14
21.562	1.05	1.12	1.11	1.12	1.17	1.19	1.17	1.10	1.03	0.99	1.01	1.04
20.371	1.00	1.02	0.98	1.02	1.05	1.07	1.06	1.02	0.97	0.93	0.94	0.98
19.181	0.96	0.94	0.94	0.97	0.98	1.01	1.01	0.98	0.94	0.89	0.90	0.95
17.990	0.92	0.91	0.92	0.95	0.95	0.97	0.98	0.96	0.93	0.88	0.89	0.93
16.800	0.92	0.93	0.93	0.93	0.96	0.98	0.99	0.98	0.93	0.91	0.93	0.92
15.610	0.98	1.00	0.99	0.97	0.99	1.05	1.06	1.03	0.98	0.98	0.97	0.97
14.419	1.15	1.14	1.10	1.08	1.09	1.14	1.17	1.12	1.08	1.07	1.07	1.06
13.229	1.36	1.36	1.31	1.24	1.27	1.29	1.28	1.28	1.24	1.21	1.21	1.20
12.038	1.67	1.69	1.62	1.61	1.56	1.54	1.52	1.55	1.47	1.44	1.42	1.42
10.848	1.65	1.84	1.92	2.02	2.04	1.94	1.84	1.81	1.69	1.59	1.55	1.58
9.657	1.38	1.57	1.82	2.16	2.41	2.42	2.25	2.08	1.82	1.63	1.58	1.58
8.467	1.29	1.31	1.42	1.79	2.26	2.54	2.56	2.34	2.05	1.69	1.57	1.51
7.276	1.26	1.15	1.15	1.36	1.76	2.19	2.44	2.45	2.20	1.89	1.61	1.48
6.086	1.26	1.10	0.98	1.04	1.25	1.66	2.09	2.31	2.25	1.97	1.68	1.50
4.895	1.22	1.04	0.89	0.87	0.99	1.23	1.65	2.09	2.10	1.99	1.71	1.47

Observer 6: Luminance with new installation [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 6: Luminance with new installation	1.42 cd/m²	0.87 cd/m²	2.56 cd/m²	0.61	0.34

Taikos pr. prie AVITELA

Taikos pr. prie AVITELA (M3)

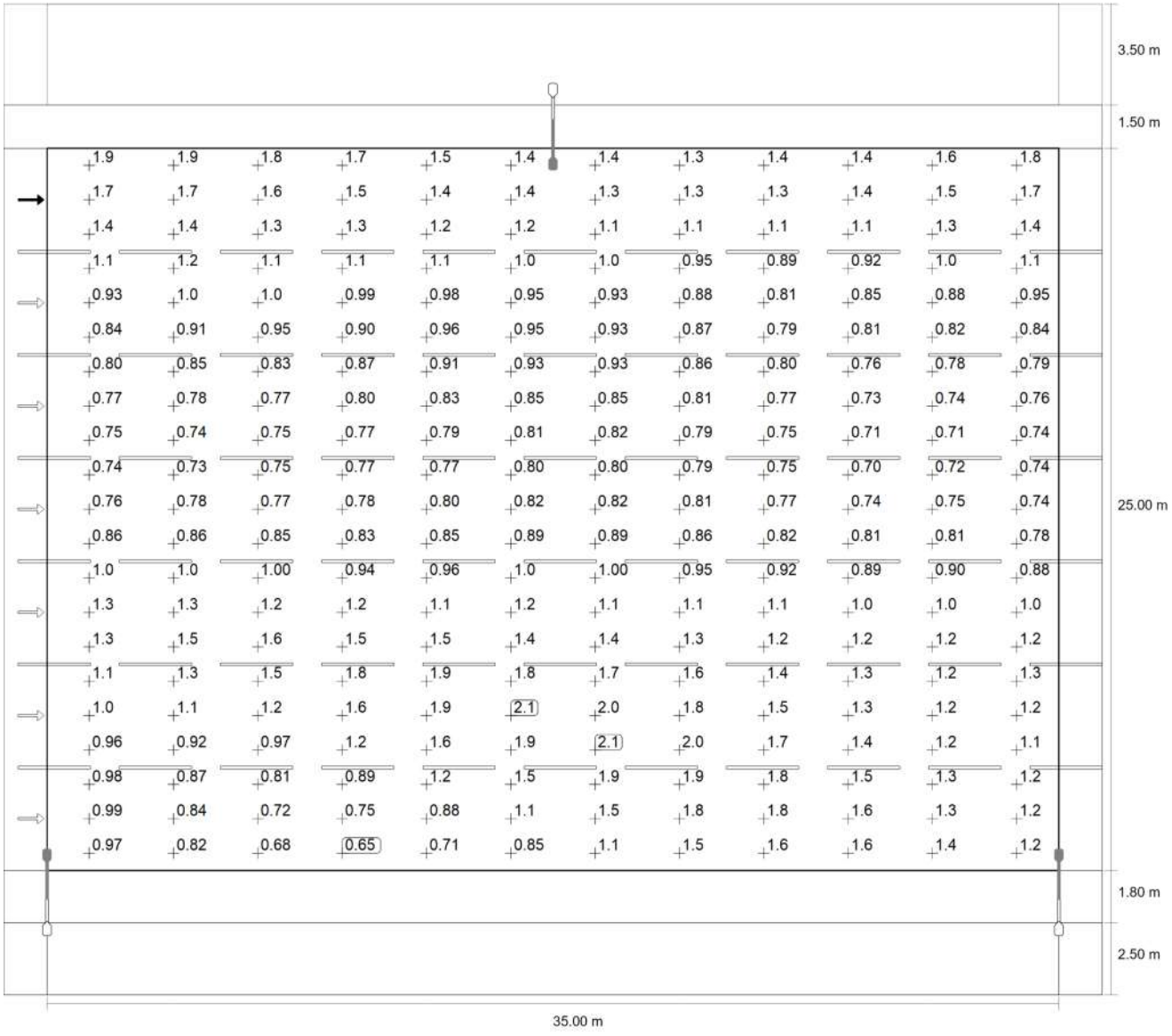


Observer 7: Maintenance value, luminance with dry roadway [cd/m²] (Iso-illuminance curves)

DIALux

Taikos pr. prie AVITELA

Taikos pr. prie AVITELA (M3)



Observer 7: Maintenance value, luminance with dry roadway [cd/m²] (Value grid)

m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
28.705	1.88	1.92	1.81	1.67	1.52	1.43	1.35	1.32	1.36	1.43	1.60	1.77
27.514	1.73	1.73	1.63	1.52	1.40	1.36	1.33	1.28	1.29	1.38	1.53	1.66
26.324	1.39	1.43	1.32	1.28	1.22	1.17	1.14	1.08	1.06	1.14	1.26	1.36
25.133	1.12	1.19	1.15	1.12	1.06	1.04	1.02	0.95	0.89	0.92	1.01	1.11
23.943	0.93	1.03	1.03	0.99	0.98	0.95	0.93	0.88	0.81	0.85	0.88	0.95

Taikos pr. prie AVITELA

Taikos pr. prie AVITELA (M3)

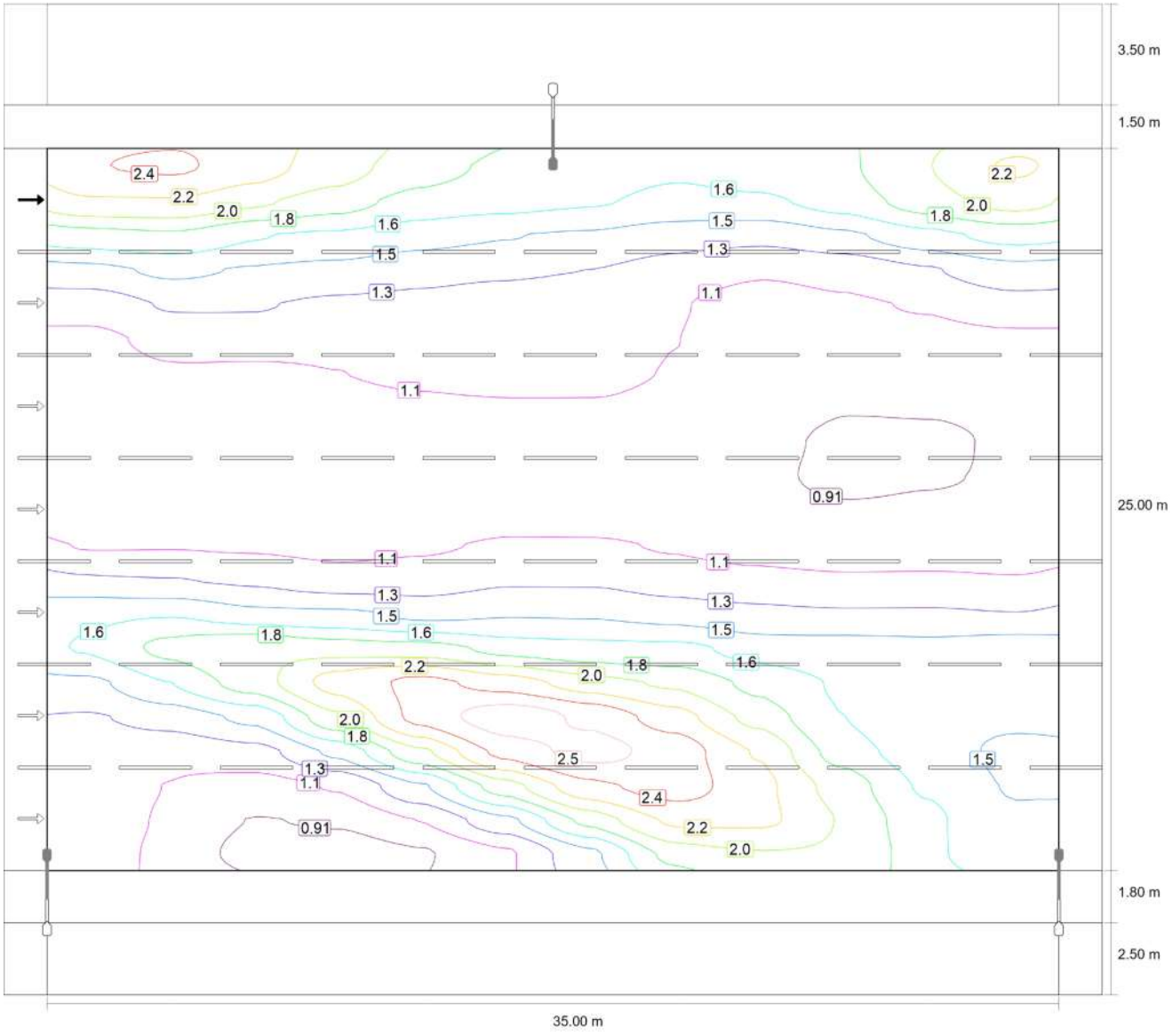
m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
22.752	0.84	0.91	0.95	0.90	0.96	0.95	0.93	0.87	0.79	0.81	0.82	0.84
21.562	0.80	0.85	0.83	0.87	0.91	0.93	0.93	0.86	0.80	0.76	0.78	0.79
20.371	0.77	0.78	0.77	0.80	0.83	0.85	0.85	0.81	0.77	0.73	0.74	0.76
19.181	0.75	0.74	0.75	0.77	0.79	0.81	0.82	0.79	0.75	0.71	0.71	0.74
17.990	0.74	0.73	0.75	0.77	0.77	0.80	0.80	0.79	0.75	0.70	0.72	0.74
16.800	0.76	0.78	0.77	0.78	0.80	0.82	0.82	0.81	0.77	0.74	0.75	0.74
15.610	0.86	0.86	0.85	0.83	0.85	0.89	0.89	0.86	0.82	0.81	0.81	0.78
14.419	1.04	1.02	1.00	0.94	0.96	1.00	1.00	0.95	0.92	0.89	0.90	0.88
13.229	1.27	1.30	1.21	1.19	1.12	1.15	1.15	1.11	1.06	1.04	1.04	1.02
12.038	1.33	1.49	1.56	1.54	1.52	1.40	1.37	1.35	1.24	1.23	1.21	1.24
10.848	1.13	1.31	1.53	1.80	1.92	1.82	1.66	1.58	1.41	1.29	1.25	1.30
9.657	1.01	1.08	1.20	1.57	1.95	2.11	2.01	1.81	1.55	1.31	1.23	1.19
8.467	0.96	0.92	0.97	1.20	1.58	1.94	2.09	1.97	1.73	1.38	1.24	1.13
7.276	0.98	0.87	0.81	0.89	1.16	1.54	1.85	1.95	1.79	1.54	1.28	1.15
6.086	0.99	0.84	0.72	0.75	0.88	1.13	1.51	1.78	1.77	1.59	1.35	1.18
4.895	0.97	0.82	0.68	0.65	0.71	0.85	1.14	1.51	1.59	1.57	1.35	1.17

Observer 7: Maintenance value, luminance with dry roadway [cd/m²] (Value chart)

	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 7: Maintenance value, luminance with dry roadway	1.12 cd/m²	0.65 cd/m²	2.11 cd/m²	0.58	0.31

Taikos pr. prie AVITELA

Taikos pr. prie AVITELA (M3)

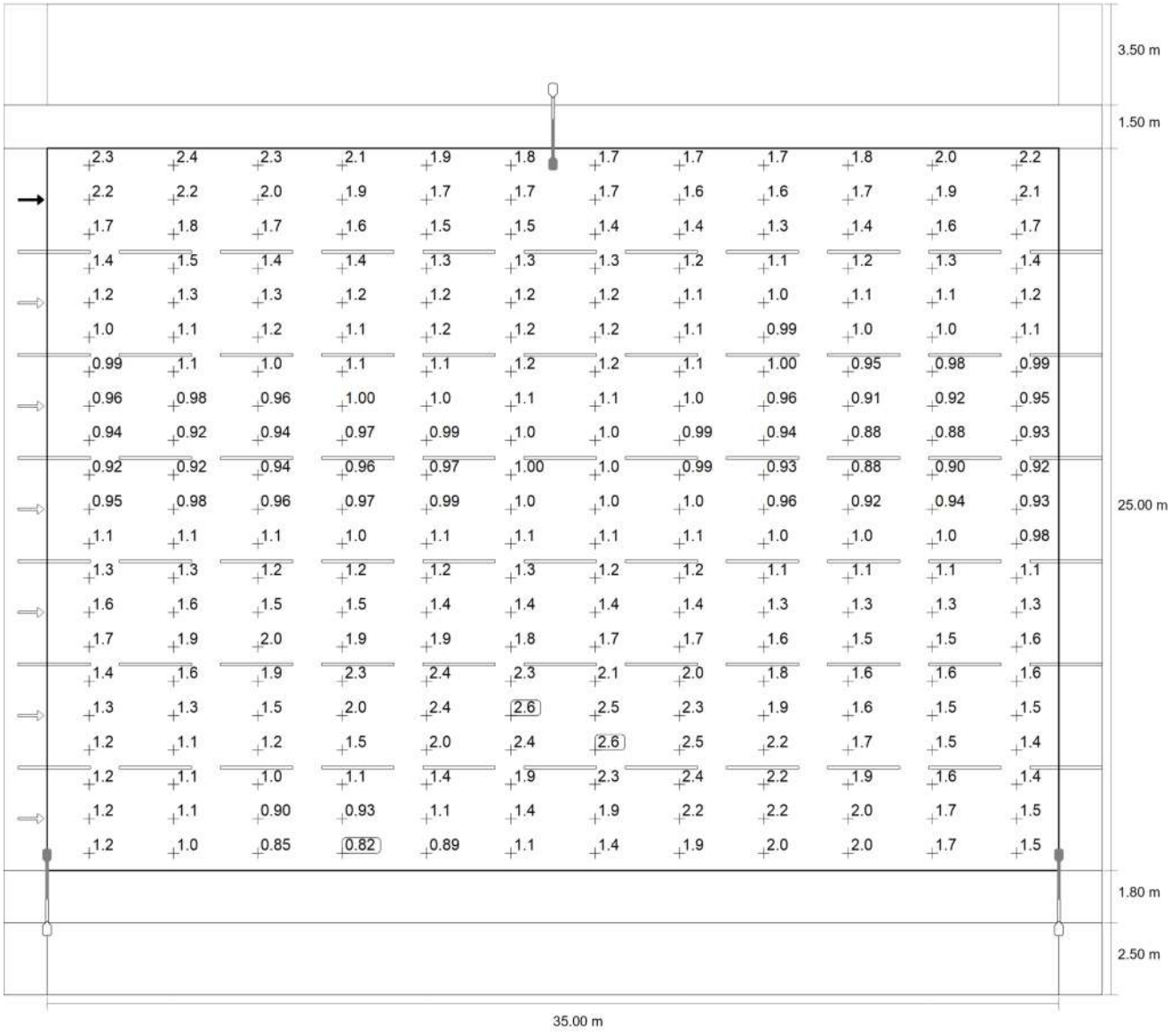


Observer 7: Luminance with new installation [cd/m²] (Iso-illuminance curves)

DIALux

Taikos pr. prie AVITELA

Taikos pr. prie AVITELA (M3)



Observer 7: Luminance with new installation [cd/m²] (Value grid)

m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
28.705	2.35	2.39	2.27	2.09	1.90	1.78	1.69	1.66	1.70	1.79	2.00	2.21
27.514	2.16	2.17	2.04	1.90	1.75	1.71	1.66	1.59	1.61	1.72	1.91	2.08
26.324	1.74	1.79	1.65	1.61	1.53	1.46	1.43	1.35	1.32	1.42	1.58	1.70
25.133	1.40	1.49	1.44	1.40	1.33	1.30	1.27	1.19	1.11	1.15	1.26	1.39
23.943	1.16	1.29	1.28	1.23	1.22	1.19	1.16	1.10	1.02	1.06	1.10	1.19

Taikos pr. prie AVITELA

Taikos pr. prie AVITELA (M3)

m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
22.752	1.05	1.14	1.18	1.13	1.20	1.19	1.16	1.09	0.99	1.01	1.03	1.05
21.562	0.99	1.06	1.04	1.09	1.14	1.17	1.16	1.07	1.00	0.95	0.98	0.99
20.371	0.96	0.98	0.96	1.00	1.04	1.06	1.07	1.01	0.96	0.91	0.92	0.95
19.181	0.94	0.92	0.94	0.97	0.99	1.01	1.02	0.99	0.94	0.88	0.88	0.93
17.990	0.92	0.92	0.94	0.96	0.97	1.00	1.00	0.99	0.93	0.88	0.90	0.92
16.800	0.95	0.98	0.96	0.97	0.99	1.03	1.03	1.01	0.96	0.92	0.94	0.93
15.610	1.07	1.08	1.07	1.04	1.06	1.11	1.11	1.07	1.02	1.01	1.01	0.98
14.419	1.30	1.27	1.25	1.18	1.20	1.25	1.25	1.19	1.15	1.11	1.12	1.10
13.229	1.59	1.62	1.51	1.49	1.41	1.44	1.44	1.39	1.33	1.30	1.30	1.28
12.038	1.66	1.87	1.96	1.92	1.89	1.75	1.71	1.68	1.55	1.53	1.51	1.55
10.848	1.42	1.64	1.91	2.26	2.40	2.28	2.08	1.97	1.77	1.61	1.56	1.62
9.657	1.26	1.34	1.50	1.96	2.43	2.64	2.51	2.26	1.93	1.63	1.54	1.49
8.467	1.20	1.15	1.21	1.50	1.97	2.43	2.61	2.46	2.16	1.73	1.55	1.42
7.276	1.22	1.08	1.01	1.11	1.44	1.93	2.32	2.44	2.23	1.92	1.60	1.44
6.086	1.24	1.05	0.90	0.93	1.10	1.42	1.88	2.22	2.21	1.98	1.68	1.47
4.895	1.21	1.02	0.85	0.82	0.89	1.07	1.42	1.89	1.98	1.97	1.69	1.46

Observer 7: Luminance with new installation [cd/m²] (Value chart)

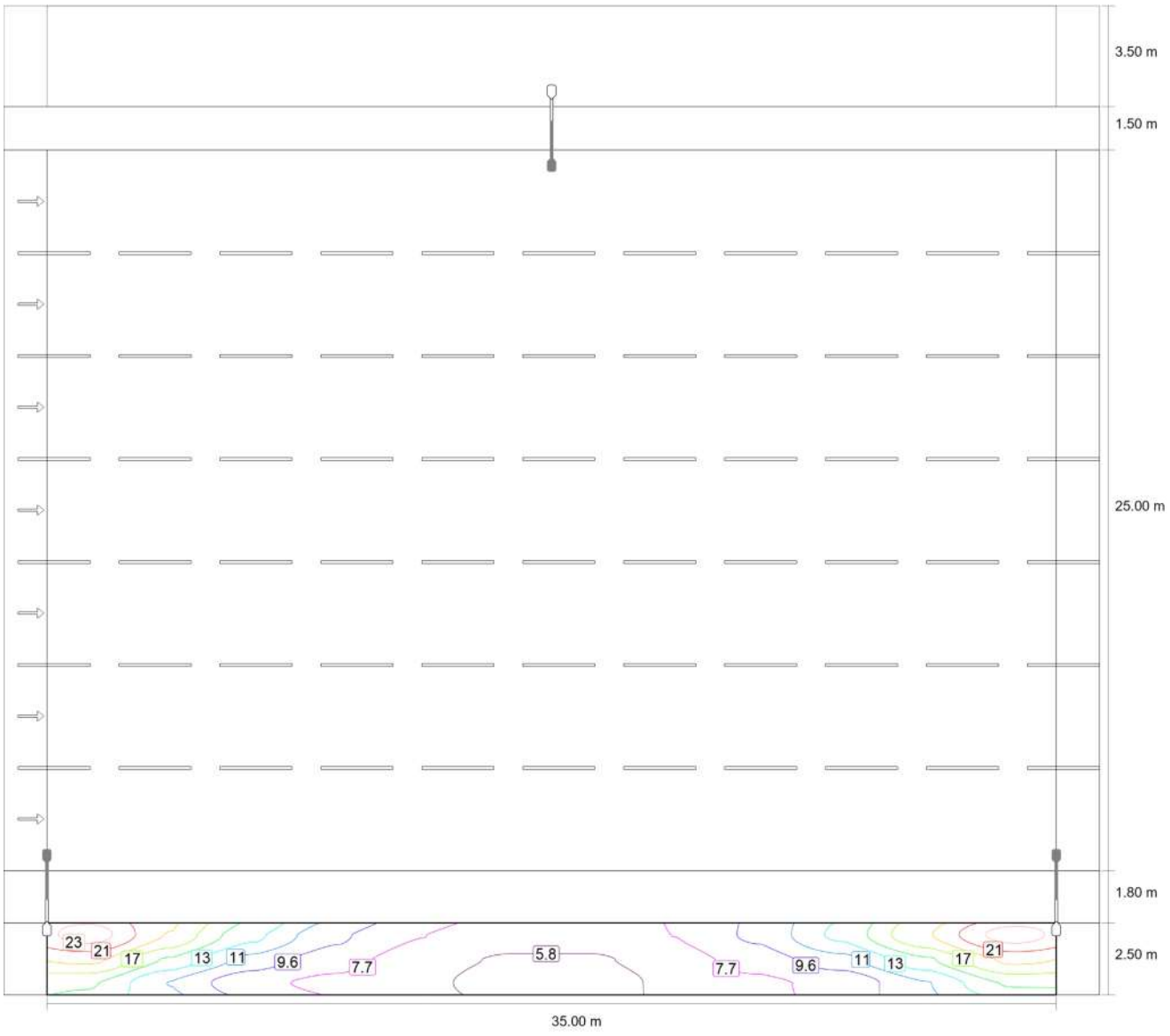
	L_{av}	L_{min}	L_{max}	U_o (g_1)	g_2
Observer 7: Luminance with new installation	1.40 cd/m²	0.82 cd/m²	2.64 cd/m²	0.58	0.31

Taikos pr. prie AVITELA

Sidewalk 2 (P3)

Results for valuation field

	Symbol	Calculated	Target	Check
Sidewalk 2 (P3)	E_{av}	11.10 lx	[7.50 - 11.25] lx	✓
	E_{min}	4.83 lx	≥ 1.50 lx	✓

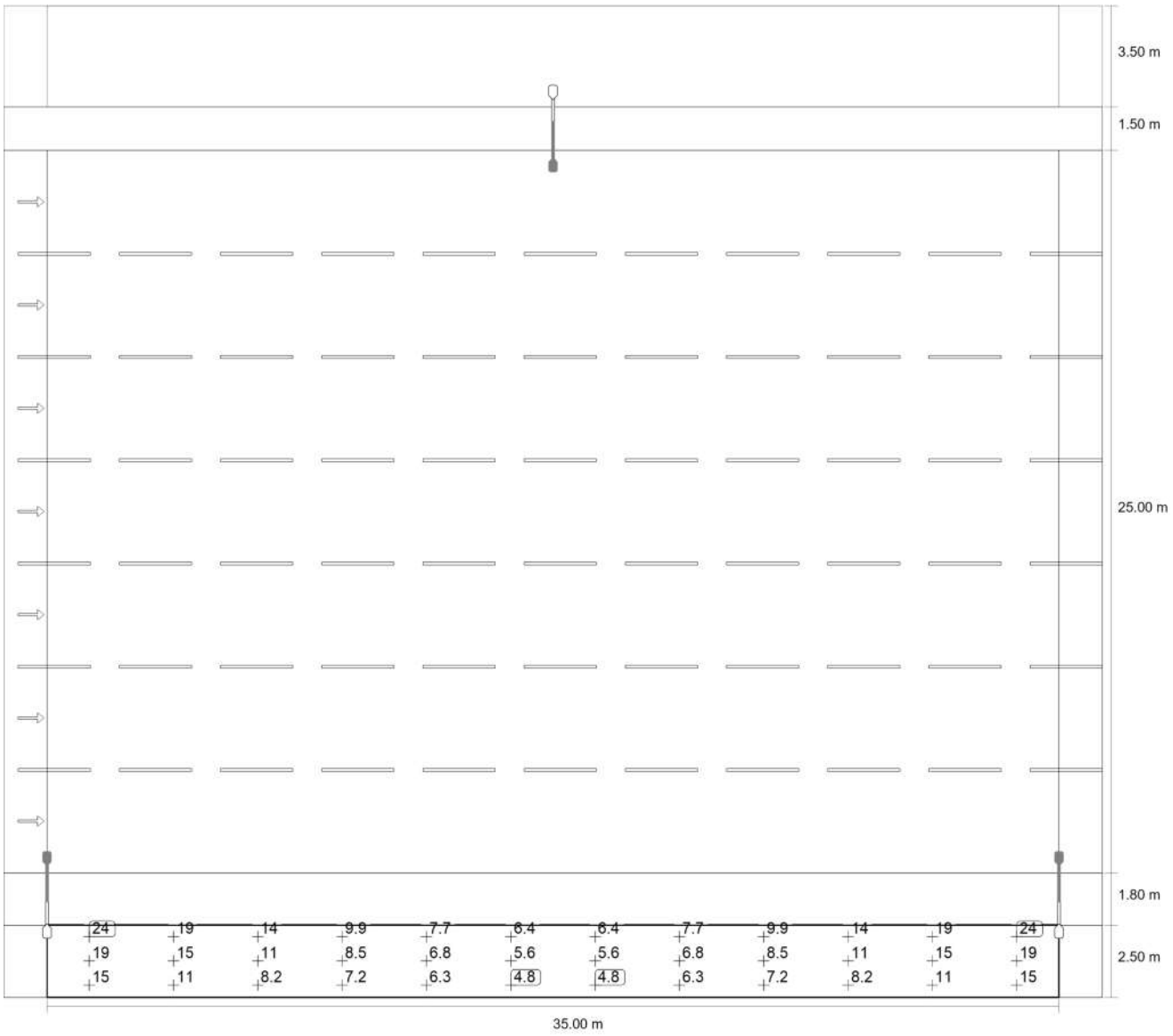


DIALux

Taikos pr. prie AVITELA

Sidewalk 2 (P3)

Maintenance value, horizontal illuminance [lx] (Iso-illuminance curves)



Maintenance value, horizontal illuminance [lx] (Value grid)

m	1.458	4.375	7.292	10.208	13.125	16.042	18.958	21.875	24.792	27.708	30.625	33.542
2.083	23.72	18.83	13.82	9.92	7.69	6.41	6.41	7.69	9.92	13.82	18.83	23.72
1.250	19.44	14.94	10.77	8.49	6.76	5.58	5.58	6.76	8.49	10.77	14.94	19.44
0.417	15.47	11.37	8.24	7.22	6.32	4.83	4.83	6.32	7.22	8.24	11.37	15.47

Taikos pr. prie AVITELA

Sidewalk 2 (P3)

Maintenance value, horizontal illuminance [lx] (Value chart)

	E_{av}	E_{min}	E_{max}	U_o (g_1)	g_2
Maintenance value, horizontal illuminance	11.1 lx	4.83 lx	23.7 lx	0.43	0.20