

KAZU

5139

Optic	5139
Protector	Flat, PC, Smooth
Source	16 Cree XP-G3
Matrix	361262

LENSOFLEX® 2



Characteristics

525	525	160	8,0	IP 66	IK 09	I EU, II EU	-
Length (mm)	Width (mm)	Height (mm)	Weight (kg)	Tightness level*	Impact resistance*	Electrical class*	CxS (m²)

* According to IEC-EN60598 and IEC-EN62262

Features

Efficient, discreet, flexible

- Cost-effective and efficient lighting solution for a fast return on investment
- LensoFlex® 2 photometric engine with photometry adapted to various applications
- IP 66 tightness level for long lasting performance
- ThermiX® to withstand high temperatures
- 2 designs : standard or comfort
- Post-top mounting adapted to Ø60mm and Ø76mm spigots
- Optional control solutions: photocell or Owllet control systems
- WW - 3000K / NW - 4000K **2. Šviestuvs LED modulių šviesos spektras 4000K NW- Neutrali Balta**

Types of application

- Square and park
- Residential road
- Urban road

Information for 1000 lm matrix

Efficacy (%)	73,1	G Class (EN 13201-2)	G3	Aperture 90-270°	13 - X
DLOR (%)	72,7	G* (EN 13201 2015)	G*3	I 70-80-90-95 (cd)	280 - 42 - 14 - 12
ULOR (%)	0,4	Imax (cd)	372	CIE flux code N 1→5 (%)	37.5 - 77.1 - 97.5 - 99.5 - 73.1
ULR (%)	0,6	Aperture 0-180°	40 - 40		

Photometrical characteristics

LED count	Colour code	Current (mA)	Luminaire power (W)	Source flux (lm)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)	Peak (cd)	BUG Rating	Voltage (V)
			Ambient temp = 25°						
16	WW 830	350	18	2576	1884	105	959	B1 U2 G1	230
16	WW 830	700	36	4663	3409	95	1737	B1 U2 G1	230
16	WW 830	1000	53	6260	4577	86	2331	B1 U2 G1	230
16	NW 740	350	18	2928	2141	119	1091	B1 U2 G1	230
16	NW 740	700	36	5300	3875	108	1974	B1 U2 G1	230
16	NW 740	1000	53	7115	5203	98	2650	B1 U2 G1	230
16	WW 730	350	18	2672	1954	109	995	B1 U2 G1	230
16	WW 730	700	36	4836	3537	98	1801	B1 U2 G1	230
16	WW 730	1000	53	6493	4748	90	2418	B1 U2 G1	230

Summary

CONCEPT

- Cost-effective LED lighting solution with a modern design for various urban landscapes

Applications: Residential road, Square and park, Urban road

Dimensions (mm):

- Width: 525.00
- Height: 160.00
- Length: 525.00
- Weight (kg): 8.00
- Recommended height installation: between 3.00 and 6.00m

HOUSING & FINISH

- Housing in corrosion free, high-pressure, die-cast aluminium, polyester powder coated
- Protector in UV resistant polycarbonate
- Body with optimised ribs to avoid dirt/sand accumulation
- Colour: AKZO grey 900 sanded
- Tightness - optical: IP 66
- Tightness - driver: IP 66
- Impact resistance: IK 09

INSTALLATION

- Slip-over mounting onto a vertical mast with a 76mm or 60 mm spigot diameter
- Fixation with stainless steel grub screws
- Delivered with pre-fitted electrical supply cable

OPTICAL UNIT

- "FutureProof" optical unit, enclosed in top cover with driver, replaceable on-site
- Flatbed PCB, with acrylic lens overlay principle
- Various circular, symmetric and asymmetric photometric distributions
- CRI > 70
- ULOR < 1% (flat protector)

LED lumen depreciation

- Lifetime residual flux @ Tq=25°C @ 100,000h: 500mA & 700mA: 90%; 1000mA: 80%.

3. LED eksploatavimo trukmė 100,000h.

Tq=35°C @ 100,000h: 1000mA; 80%

- Operating temperature range (Ta): -30 °C up to +55 °C

1. Šviestuvo darbo temperatūra nuo -30 iki +55C

ELECTRICAL

- Class I or Class II
- Replaceable driver
- Input voltage: 220-230V - 50/60Hz

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24.09.2019

- Power factor > 90% at full load
- ThermiX®: mechanical heat dissipation
- Overheating protection 4. Šviestuvai turi apsaugą nuo perkaitimo
- 10kV surge protection (optional)

STANDARDS & CERTIFICATIONS

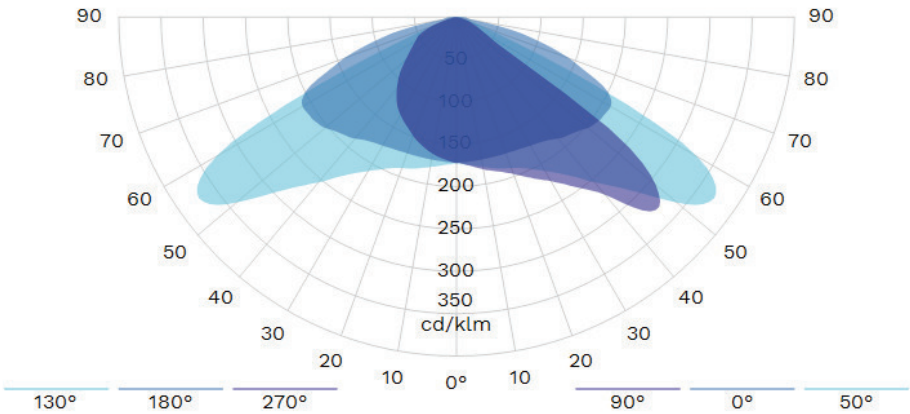
- CE
- LM79-80
- ROHS

All measurements in ISO17025 accredited laboratory

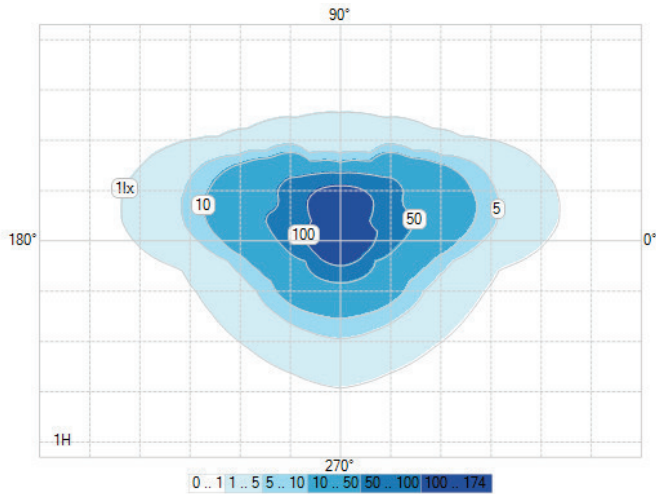
OPTIONS

- Other RAL or AKZO colours
- Other light distributions
- Back Light Control system
- Custom Light Output (CLO), custom dimming profile,
- OWLET remote management
- WW LEDs
- Photocell

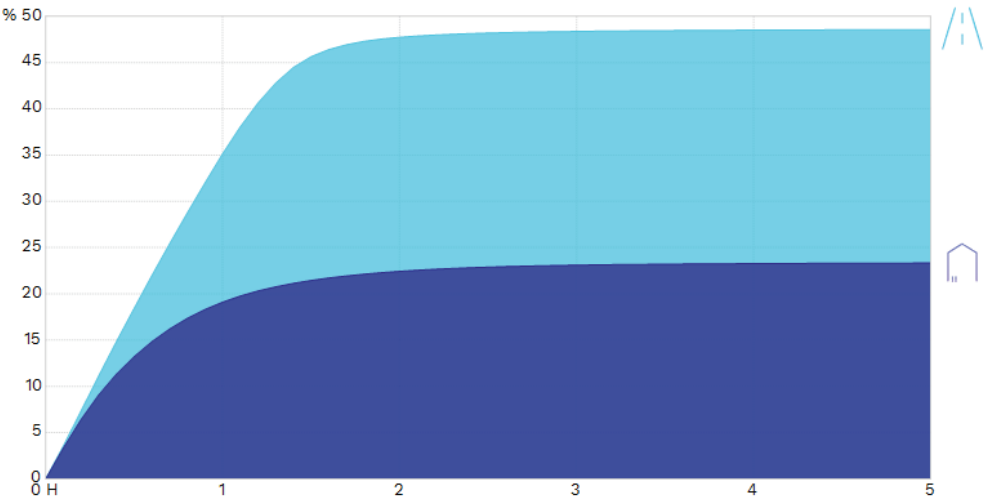
Polar/Cartesian diagram

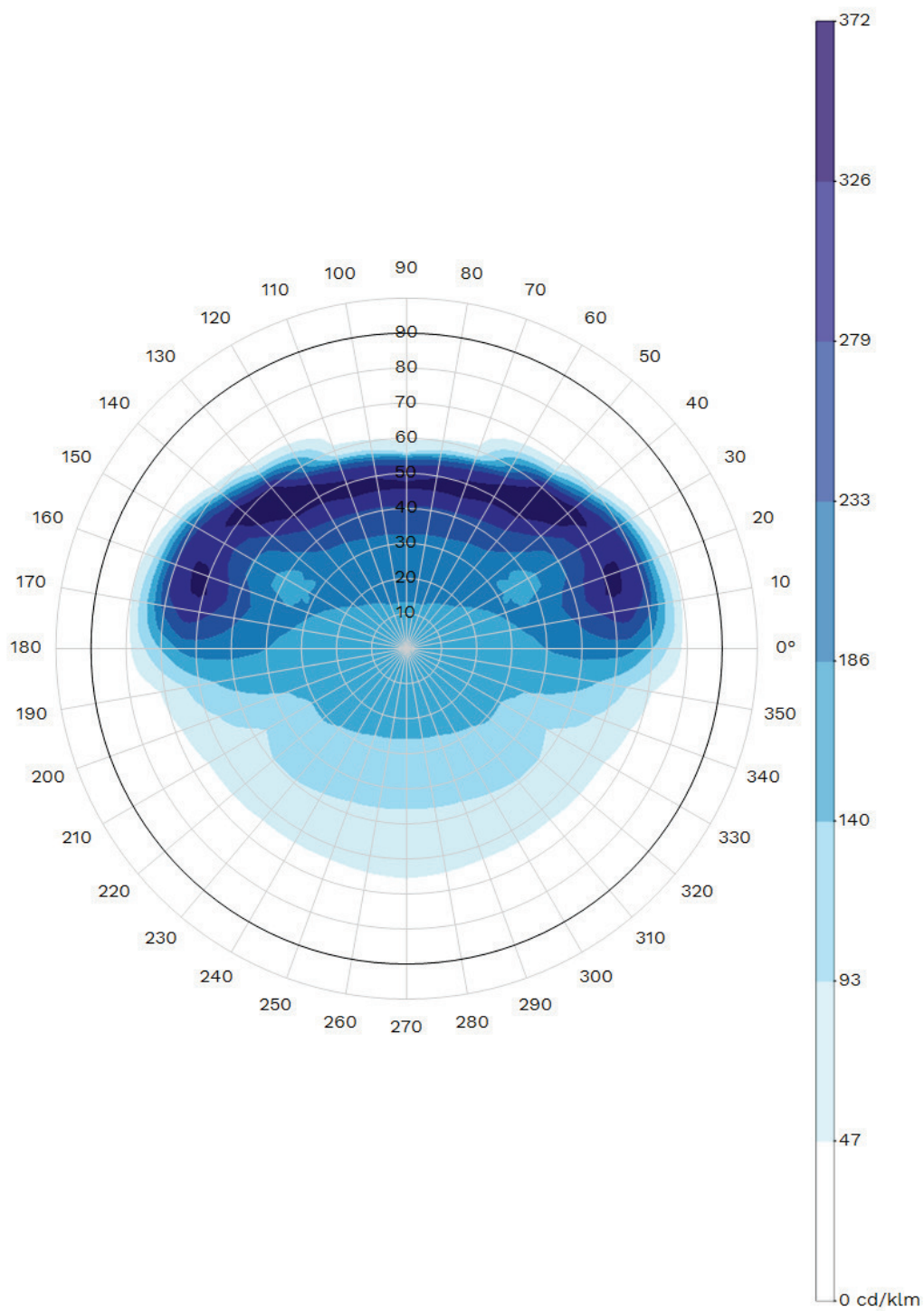


Isolux



K-Curve





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