

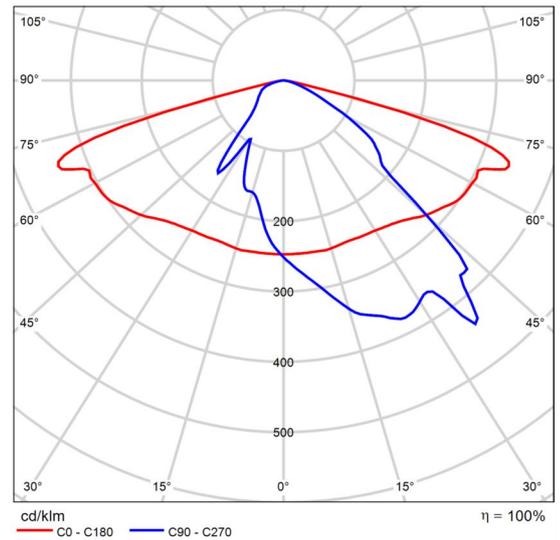
**N. Akmene**

## Product data sheet

Vizulo - Luscinia 9 W 8 LED



Article No.	LUP 009 740 L17 AA008
P	9.0 W
$\Phi_{Lamp}$	1229 lm
$\Phi_{Luminaire}$	1229 lm
$\eta$	100.00 %
Luminous efficacy	136.6 lm/W
CCT	4000 K
CRI	70

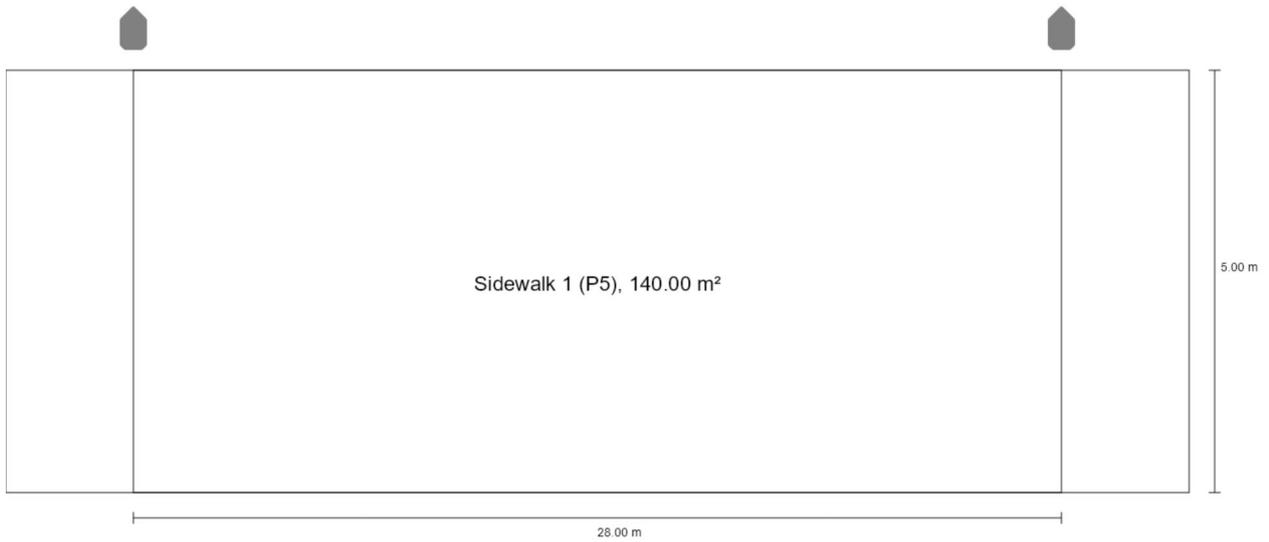


Polar LDC



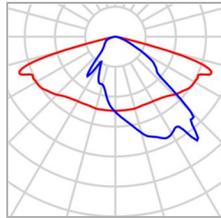
Street 1

### Summary (according to EN 13201:2015)



Street 1

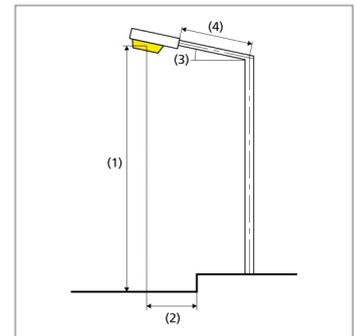
## Summary (according to EN 13201:2015)



Manufacturer	Vizulo	P	9.0 W
Article No.	LUP 009 740 L17 AA008	$\Phi_{\text{Lamp}}$	1229 lm
Article name	Luscinia 9 W 8 LED	$\Phi_{\text{Luminaire}}$	1229 lm
Fitting	1x 8 LED MOD AA	$\eta$	100.00 %

### Luscinia 9 W 8 LED (single side top)

Pole distance	28.000 m
(1) Light spot height	4.000 m
(2) Light point overhang	-0.500 m
(3) Boom inclination	0.0°
(4) Boom length	0.000 m
Annual operating hours	4000 h: 100.0 %, 9.0 W
Wattage / route	324.0 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.	$\geq 70^\circ$ : 953 cd/klm $\geq 80^\circ$ : 32.9 cd/klm $\geq 90^\circ$ : 1.88 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





Street 1

## 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 (P5)	$E_{av}$	4.31 lx	[3.00 - 4.50] lx	✓
	$E_{min}$	0.61 lx	≥ 0.60 lx	✓

Results for energy efficiency indicators

	Symbol	Calculated	Energy Consumption
Street 1	$D_p$	0.015 W/lx*m <sup>2</sup>	–
Luscinia 9 W 8 LED (single side top)	$D_e$	0.3 kWh/m <sup>2</sup> yr	36.0 kWh/yr