

031-1

Outdoor Lighting



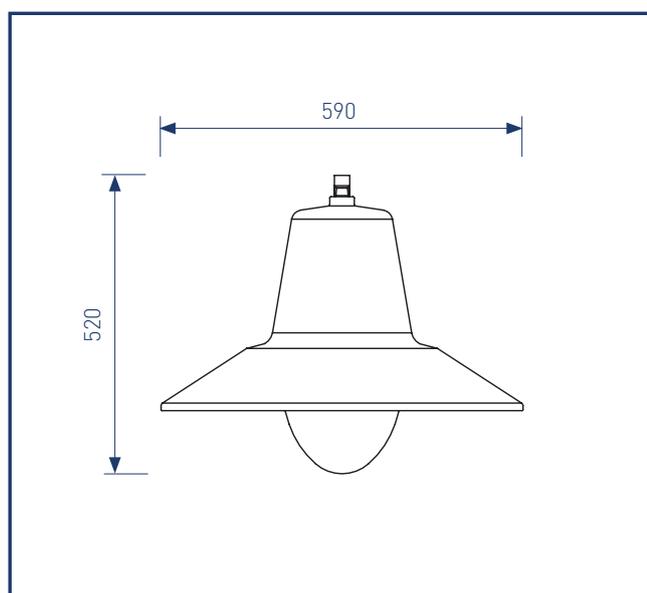
Your product advantages

- ✓ **Economic:** Fitting of the reliable lighting fixtures with latest LED technolog
- ✓ **Sustainable:** Tool-less change of electronic and LED modules
- ✓ **Reliable:** Lifetime of LED driver and LED modules at 85,000 h

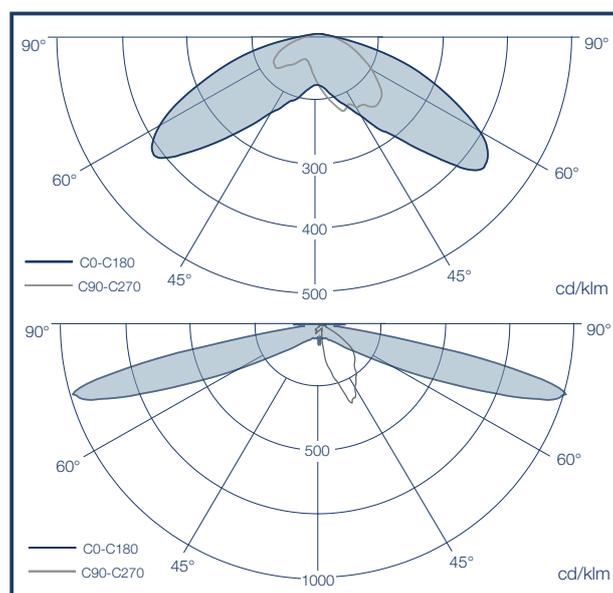
Application areas

Roads in residential areas, squares, cycle paths

Dimensions (mm)



Light distribution (asymmetric wide beam / wide beam)



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Lighting fixtures body		
Material	Die cast aluminium (dome) / Aluminium (shield)	
Colour (powder coating)	RAL or DB	
Mounting type	Fixation by conical system (c-t 3/8")	
Orientation possibilities	—	
Dimension (height x diameter)	520 x 590 mm	
Weight	app. 5.5 kg	
Exposed wind surface	0.11 m ²	
IP Protection class	IP 54	
Glass type	PMMA (transparent)	
Shock resistance	IK 08	
Photometric properties		
Light source	LED Modules with High-Power-LEDs	
Optical system	Asymmetric wide beam	Wide beam
Rated luminous flux	1,100 – 3,200 lm	1,200 – 3,600 lm
Light efficiency	110 lm/W	120 lm/W
Colour temperature	3,000 / 4,300 K	3,000 / 4,000 K
Colour rendering index (Ra)	> 70	
Dimming (power control)	Power line control /Digital	
Rated lifetime at (ta) 30°C	85,000 h at L80	
Temperature management	✓	
Constant Light Output (CLO)	✓	
Electrical properties		
Rated power	10 – 30 W (in 2W-steps)	
Electrical protection class	Class I or II	
Rated voltage	120 – 277 V	
Frecuence	50 – 60 Hz	
Surge protection (L-N / L N-ground)	6 / 8 kV	
Installation suggestions		
Application areas	Roads in residential areas, squares, cycle paths	
Light point height	3 – 5 m	
Lighting classes	ME/S	
Admitted ambient temperature (ta)	-25°C – +35°C	
Other properties		
Certificate	CE	
Connection to circuit breaker (B16)	17 pcs.	
Options		
Additional part Over tension resistant	10 kV	
DALI Interface (not at power line control)	✓	

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