

ECO STREETLINE SQUARE

Efficient: Modular LED system with integrated electronics

Sustainable: Technology guarantee

Average lifetime: 60.000 operating hours

Maintenance-optimized design

Application areas:

- Parks
- Public places
- Roads in residential areas



Designed by:

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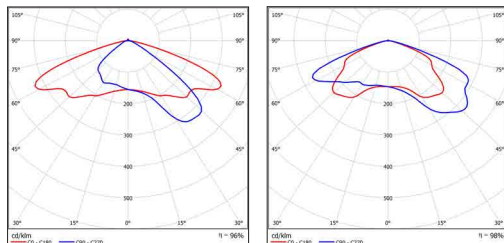
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ECO STREETLINE SQUARE



Example of luminous intensity distribution:



LIGHT HOUSING	
Material	Housing wall and luminaire base made of aluminum die casting, housing stanchion made of aluminum extruded profiles
Colour (powder coating)	DB 703
Mounting type	76 mm spigot size
Dimensions	700 x 700 x 500 mm
Weight	15,5 kg
Exposed wind surface	FW = 0,15 m²
IP Protection class	IP 67 / IP 69K
Glas type	PMMA
Impact resistance	IK 04 / IK 05 / IK 08
ILLUMINANT PROPERTIES	
Light source	4 Eco modules with 8 LEDs
Optical system	PMMA single optics
Rated luminous flux	2.400 - 6.800 lm
Light efficiency	67 - 83 lm/W (4.000 K)
Colour temperature	3.000 K, 4.000 K, 5.000 K
Colour rendering index (RA)	CRI 83 (3.000 K), CRI 73 (4.000 K), CRI >70 (5.000 K)
Dimming (Power control)	Power line control
Rated lifetime at (ta) 30 °C	90 % after 60.000 hours (IES LM 80 & TM 21) 80 % after 100.000 hours
Thermal management	✓
Constant Light Output (CLO)	✓
ELECTRICAL PROPERTIES	
Rated power	28 - 84 W (depending on luminous flux)
Electrical protection class	SK II
Operating voltage / Frequence	220 - 240 V / 50 Hz
Surge protection	6 kV
INSTALLATION REQUIREMENTS	
Application areas	Parks, public places, roads in residential areas
Light point height	4 - 7 m
Lighting classes	ME/S
Permissible ambient temperature (ta)	-40 °C to +40 °C
OTHER PROPERTIES	
Certification	CE, ENEC10, VDE, EMC