

SQUARE

Efficient: Modular LED system with integrated electronics

Sustainable: Technology guarantee

Spare parts: At least 20 years spare parts availability

Easy installation: completely pre-assembled with connecting cables and modules

Application areas:

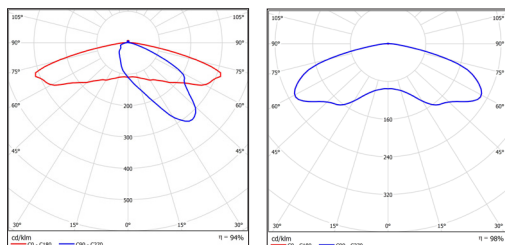
- Parks
- Public places
- Roads in residential areas



HELLUX



Example of luminous intensity distribution: S-Optic



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 m ²
IP Protection class	IP 67 IP 69K
Glas type	PMMA
Impact resistance	IK 08
ILLUMINANT PROPERTIES	
Light source	4 Eco modules with 14 LEDs
Optical system	PMMA single optics
Rated luminous flux	3200 - 10.000 lm
Light efficiency	up to 125 lm/W
Colour temperature	Amber 3.000 K 4.000 K 5.000 K
Colour rendering index (RA)	CRI 60 (Amber), CRI 83 (3.000 K), CRI 73 (4.000 K), CRI 70 (5.000 K)
Dimming (Power control)	Optional control phase (50% 100%) Dimming profiles DALI
Rated lifetime at (ta) 30 °C	90 % after 60.000 hours (after IES LM 80 & TM 21) 80 % after 100.000 hours
Thermal management	✓
Constant Light Output (CLO)	Optional
ELECTRICAL PROPERTIES	
Rated power	30 - 96W (depending on luminous flux)
Electrical protection class	SK II
Operating voltage / Frequency	220 - 240 V 50 - 60 Hz
Surge protection	10 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 +35 °C
OTHER PROPERTIES	
Certification	CE