

CASE

Efficient: High-performance LED light technology including light control system

Cost: Long-term cost security and cost-structure transparency

Flexible: Including NEMA socket and shorting cap

Secure investment: At least 20 years availability of spare parts

Areas of application:

- Roads in residential areas
- Main roads
- Public places



HELLUX

Lunux Lighting GmbH

Zaucheweg 4
04316 Leipzig

Telefon +49 (0)341 241872 0
Telefax +49 (0)341 241872 38

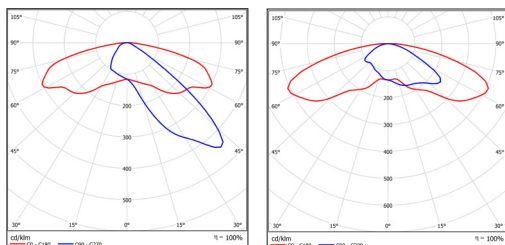
info@lunux-lighting.com
www.lunux-lighting.com

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CASE



Example of luminous intensity distribution: M optics | S optics



LIGHT HOUSING	
Material	Aluminium die casting
Colour (powder coating)	DB 703
Mounting type	60 or 76 mm spigot size for side-mounted or top-mounted luminaires
Orientation possibilities	Tilt adjustable from -15° to +15°
Dimensions (length x breadth x height)	680 x 440 x 110 mm
Weight	14,5 kg
Exposed wind surface	FW = 0,08 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 or 28 LEDs
Optical system	PMMA single optics
Rated luminous flux	3.200 - 20.000 lm
Power	143 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)	NEMA or Zhaga Book 18 sockets
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)	Optional
ELECTRICAL PROPERTIES	
Rated power	30 - 150W
Electrical protection class	SK II
Operating voltage / Frequence	220 - 240 V 50 - 60 Hz
Surge protection	10 kV
INSTALLATION REQUIREMENTS	
Application areas	Roads in residential areas, main roads, public places
Light point height	6 - 12 m
Lighting classes	ME S
Permissible ambient temperature (ta)	-40 °C to +35 °C
OTHER PROPERTIES	
Certification	CE