

HELLUX ALT-BERLIN 9000 CM

True to detail: Historical luminaire with newest LED technology

Flexible: Thanks to modern lighting solutions the series is suitable for many different tasks

Maintenance friendly: Easy maintenance via top lid

Application areas:

- Roads in residential areas
- Historical places
- Parks
- Paths

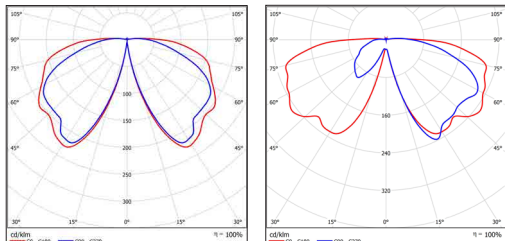


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Example of luminous intensity distribution:



BASIC + / SMART

LIGHT HOUSING	
Material	Aluminum die casting (shield) / aluminum (carcase)
Colour (powder coating)	RAL or DB
Mounting type	60 mm / 76 mm post top installation accessory with ladder crossbar (cast post)
Orientation possibilities	—
Dimensions	840 mm / Ø 417 mm
Weight	app. 14 kg
Exposed wind surface	0,385 m ²
IP Protection class	IP 54
Glas type	PMMA (transparent / structured)
Impact resistance	IK 08
ILLUMINANT PROPERTIES	
Light source	Circle module with High-Power-LEDs
Optical system	Rectangular symmetric or rectangular asymmetric
Rated luminous flux	2.150 lm (2.200 K) / 2.750 lm (2.700 K) 3.000 lm (3.000 K) / 3.250 lm (4.000 K)
Light efficiency	up to 110 lm/W
Colour temperature	amber 2.700 K 3.000 K 4.000 K
Colour rendering index (RA)	CRI > 60 (2.200 K) / CRI > 70 (3.000 K / 4.000 K) CRI > 80 (2.700 K)
Dimming (Power control)	Optional power line control (50 % / 100 %), dimmprofile or DALI
Rated lifetime at (ta) 30 °C	90% after 60,000 hours (according to IES LM 80 & TM 21) 80% after 100,000 hours
Thermal management	✓
Constant Light Output (CLO)	Optional
ELECTRICAL PROPERTIES	
Rated power	12,2 W - 32,1 W
Electrical protection class	Class I / Class II
Operating voltage / Frequency	220 - 240 V / 50 - 60 Hz
Surge protection	10 kV
INSTALLATION REQUIREMENTS	
Application areas	Roads in residential areas, historical places, parks/paths
Installation height	2,8 - 4 m
Permissible ambient temperature (ta)	-25 °C to +35 °C
OTHER PROPERTIES	
Certification	CE