

HELLUX ALT-BERLIN 9000 ZHAGA

True to detail: Historical luminaire with newest LED technology

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

Economical: 90% energy savings compared to a conventional gas lamp

Maintenance friendly: Easy maintenance via top lid

Application areas:

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



HELLUX

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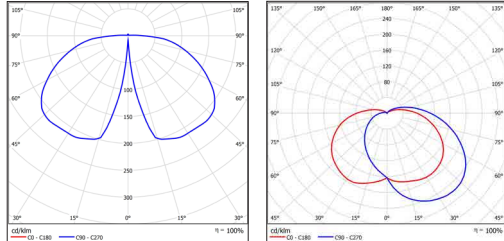
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Example of luminous intensity distribution:



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)
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	LED Modules with High-Power-LEDs
Optical system	Rotational symmetric beam or asymmetric wide beam
Rated luminous flux	1.000 - 3.250 lm (250 lm steps)
Light efficiency	up to 135 lm/W
Colour temperature	3.000 K 4.000 K
Colour rendering index (RA)	>70
Dimming (Power control)	Control phase, dimming profiles or DALI
Rated lifetime at (ta) 30 °C	100.000 h at L80/B10
Thermal management	✓
Constant Light Output (CLO)	Optional
ELECTRICAL PROPERTIES	
Rated power	7,6 W - 29,4 W
Electrical protection class	Class I / Class II
Operating voltage / Frequence	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