

## HELLUX ALT-BERLIN 9000 NEO

**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

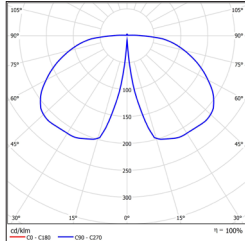


HELLUX

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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 <sup>2</sup>
IP Protection class	IP 54
Glas type	PMMA (transparent   structured)
Impact resistance	IK 08
ILLUMINANT PROPERTIES	
Light source	Gas lights mantle imitation with Mid-Power-LEDs
Optical system	Rotational symmetric beam
Rated luminous flux	1.000 - 2.500 lm (250lm steps)
Light efficiency	up to 85 lm/W
Colour temperature	2.700 K   3.000 K
Colour rendering index (RA)	>80
Dimming (Power control)	Control phase, dimmprofiles or DALI
Rated lifetime at (ta) 30 °C	100.000h at L80/B10
Thermal management	✓
Constant Light Output (CLO)	Optional
ELECTRICAL PROPERTIES	
Rated power	12 - 31 W
Electrical protection class	Class I / Class II
Operating voltage / Frequency	220 - 240 V / 50 - 60 Hz
Surge protection	10kV
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