

HELLUX 452

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: Few or no maintenance work necessary

Application areas:

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

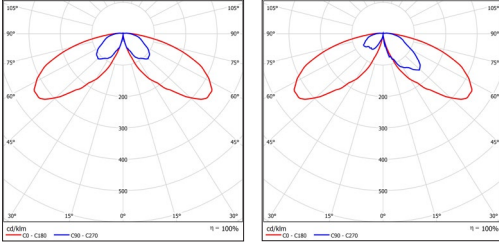


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Example of luminous intensity distribution:



LIGHT HOUSING		
Material	Aluminium and aluminium cast	
Colour (powder coating)	RAL oder DB	
Mounting type	Post top mounting (Ø 76 mm) Traditional cast post	
Orientation possibilities	—	
Dimensions	450 x 450 x 710 mm	
Weight	app. 10 kg	
Exposed wind surface	0,22 m ²	
IP Protection class	IP 54	
Glas type	PMMA (transparent structured opal)	
Impact resistance	IK 08	
ILLUMINANT PROPERTIES		
Light source	Gas lights mantle imitation with Mid-Power-LEDs	LED module with High-Power-LEDs
Optical system	Rotational symmetric	asymmetric wide beam
Rated luminous flux	1000 - 2.500 lm (250 lm Schritte)	1.000 lm bis 3.500 lm (250 lm Schritte)
Light efficiency	85 lm/W	bis zu 135 lm/W
Colour temperature	2.700 K 3.000 K	3.000 K or 4.000 K
Colour rendering index (RA)	> 80	> 70
Dimming (Power control)	Optional power line control (50 % / 100 %), dimmprofile or DALI	
Rated lifetime at (ta) 30 °C	100.000h at L80/B10	
Thermal management	yes	
Constant Light Output (CLO)	optional	
ELECTRICAL PROPERTIES		
Rated power	7,6 - 31 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	3 - 5 m	
Lighting classes	S	
Permissible ambient temperature (ta)	-25 °C to +35 °C	
OTHER PROPERTIES		
Certification	CE	