

HELLUX 500/501/502

Flexible: Different applications thanks to diffusing or clear glass

Reliable: Working life of the LED driver and LED module at 100.000 h

Application areas:

- Roads in residential areas
- Parks
- Paths
- Public Places



HELLUX

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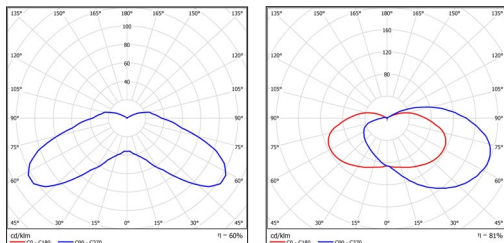
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Example of luminous intensity distribution:



LIGHT HOUSING		
Material	Aluminum (roof) aluminum die casting (attachment piece)	
Colour (powder coating)	RAL oder DB	
Mounting type	Post top mounting (Ø 76 mm)	
Orientation possibilities	—	
Dimensions (Height x Diameter)	735 x Ø 780 Ø 730 mm	
Weight	app. 8,5 kg	
Exposed wind surface	0,152 m ²	
IP Protection class	IP 65	
Glas type	PMMA (transparent)	PMMA (diffuse)
Impact resistance	IK 08	
ILLUMINANT PROPERTIES		
Light source	LED-modules with High-Power-LEDs	LED module with Mid-Power-LEDs
Optical system	Asymmetric wide beam or rotational symmetric (Zhaga circuit board)	Unshielded (TLS module) Inner cylinder / ring cover
Rated luminous flux	1.000 lm - 3.500 lm (250 lm steps)	750 - 2.250 lm (3000K) 1.000 - 2.750 lm (4000K)
Light efficiency	up to 135 lm/W	up to 80 lm/W
Colour temperature	3.000 K 4.000 K	
Colour rendering index (RA)	> 70	
Dimming (Power control)	Optional power line control (50 % 100 %), dimmprofile or DALI	
Rated lifetime at (ta) 30 °C	100.000 h at L80 B10	
Thermal management	yes	
Constant Light Output (CLO)	Optional	
ELECTRICAL PROPERTIES		
Rated power	7,6 - 29,4 W	11 - 34 W
Electrical protection class	Class I or Class II	
Operating voltage Frequence	220 - 240 V 50 - 60 Hz	
Surge protection	10 kV	
INSTALLATION REQUIREMENTS		
Application areas	Roads in residential areas, parks/paths, public places	
Installation height	3 - 5 m	
Lighting classes	M P	P
OTHER PROPERTIES		
Certification	CE	