

HELLUX TRAPEZ 143

Holistic: Product family with an unified design for your different applications

Sustainable: Tool-less change of electronic and LED modules

Reliable: Lifetime of the LED driver and LED modules at 100.000 h

Application areas:

- Roads in residential areas
- Main roads
- Parking areas



HELLUX

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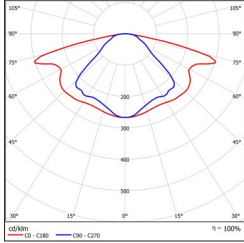
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Example of luminous intensity distribution:



LIGHT HOUSING		
Material	die cast aluminium	
Colour (powder coating)	RAL or DB	
Mounting type	Post top (Ø 76, 60 mm)	
Orientation possibilities	None (basic inclination of 2°)	
Dimensions (length, breadth, depth)	1.420 x 330 x 270 mm	
Weight	app. 28 kg	
Exposed wind surface	0,19 m ²	
IP Protection class	IP 65	
Glass type	PMMA PC	
Impact resistance	IK 08	
ILLUMINANT PROPERTIES		
Light source	LED-Modules with High-Power-LEDs	LED Modules with Mid-Power LEDs
Optical system	oblique beam and asymmetric forward-beaming light distribution	
Rated luminous flux	2x 4.000 - 12.000 lm (500 lm Schritte)	2x 6.500 - 11.500 (500lm Schritte)
Light efficiency	bis zu 137 lm/W	bis zu 145 lm/W
Colour temperature	3.000K 4.000K	
Colour rendering index (RA)	> 70	> 85
Dimming (Power control)	Optional control phase (50% / 100%), dimming profiles or DALI	
Interface for light management	NEMA or Zhaga book 18 pedestal	
Rated life at (ta) 30 ° C	100.000h by L80/B10	
Thermal management	✓	
Constant Light Output (CLO)	Optional	
ELECTRICAL PROPERTIES		
Rated power	62,2 W - 202,2 W	102,0 W - 178,4 W
Electrical protection class	Class I / Class II	
Operating voltage	220 - 240 V	
Frequence	50 - 60 Hz	
Surge protection	10 kV	
INSTALLATION REQUIREMENTS		
Application areas	Roads in residential areas, main roads, parking areas	
Installation height	5 - 10 m	
Lighting classes	ME S	
Permissible ambient temperature (ta)	-25 °C to +35 °C	
OTHER PROPERTIES		
Certification	CE,	