

## HELLUX TRAPEZ 145

**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
- Parks
- Paths
- Parking areas

Available with  
Zhaga socket



HELLUX

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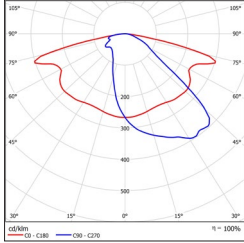
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# HELLUX TRAPEZ 145



## Example of luminous intensity distribution:



LIGHT HOUSING		
Material	Aluminium	
Colour (powder coating)	RAL or DB	
Mounting type	Post top (Ø 42, 100 mm)   Side mounting (Ø 76, 60 mm)	
Orientation possibilities	none (Basic inclination of 2°)	
Dimensions (length, breadth, depth)	700 x 250 x 210 mm	
Weight	app. 10 kg	
Exposed wind surface	0,08 m <sup>2</sup>	
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-wide, wide-beam or forward-projecting light distribution	
Rated luminous flux	1.000 - 8.000 lm (500 lm Steps)	1.000 - 6.500 lm (500 lm steps) at 3.000 1.000 - 8.000 lm (500 lm steps) at 4.000 K
Light efficiency	up to 137 lm/W	up to 143 lm/W
Colour temperature	3.000K   4.000K	
Colour rendering index (RA)	> 70	> 85
Dimming (Power control)	Optional power line control (50 %   100 %), dimmprofile or DALI	
Interface for light management	NEMA or Zhaga book 18 socket	
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 - 71,9 W	7,8 - 66,5 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, parks, paths, parking areas	
Installation height	3,5 - 8 m	
Lighting classes	ME   S	
Permissible ambient temperature (ta)	-25 °C to +35 °C	
OTHER PROPERTIES		
Certification	CE	