

HELLUX TRAPEZ 144

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
- Pedestrian crossin
- Main roads
- Parking areas

Available with
Zhaga socket



HELLUX

Lunux Lighting GmbH

Zaucheweg 4
04316 Leipzig

Telefon +49 (0)341 241872 0
Telefax +49 (0)341 241872 38

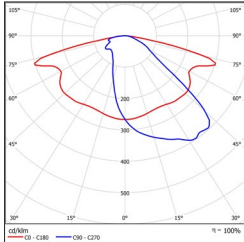
info@lunux-lighting.com
www.lunux-lighting.com

©Lunux Lighting GmbH. The specifications may vary depending on the design. Reserve technical changes. All Rights Reserved.

HELLUX TRAPEZ 144



Example of luminous intensity distribution:



LIGHT HOUSING		
Material	Die cast aluminium	
Colour (powder coating)	RAL or DB	
Mounting type	Side mounting (Ø 42 x 100 mm) Post top (Ø 76, 60 mm)	
Orientation possibilities	Basic inclination of 2°	
Dimensions (length, breadth, depth)	870 x 330 x 270 mm	
Weight	app. 14 kg	
Exposed wind surface	0,12 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-wide, wide-beam or forward-projecting light distribution	
Rated luminous flux	4.500 - 12.000 lm (500 lm steps)	6.500 - 11.500 (500 lm steps)
Light efficiency	up to 137 lm/W	up to 145 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	31,5 W to 101,1 W	51,0 W - 89,2 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, pedestrian crossings, main roads, parking areas	
Installation height	4 to 10 m	
Lighting classes	ME S	
Permissible ambient temperature (ta)	-25 °C to +35 °C	
OTHER PROPERTIES		
Certification	CE	