

TRAPEZ 145

Outdoor Lighting



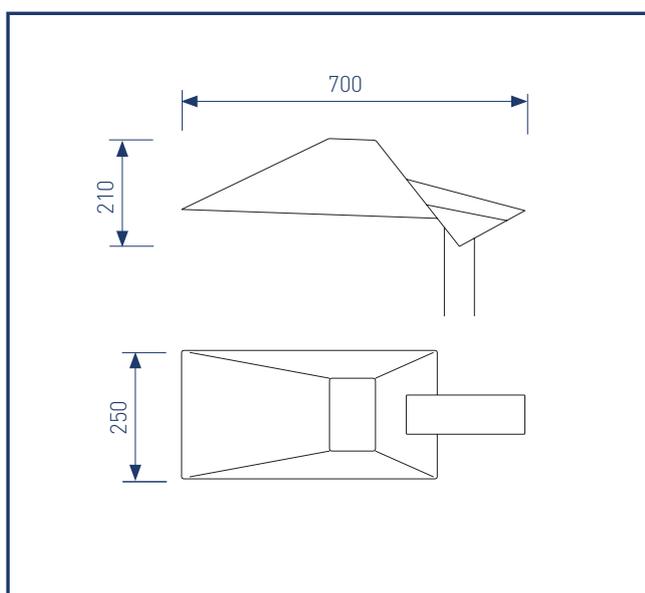
Your product advantages

- ✓ **Holistic:** Product family with an uniform design for your different applications
- ✓ **Sustainable:** Tool-less change of electronic and LED modules
- ✓ **Reliable:** Lifetime of the LED driver and LED modules at 85,000 h

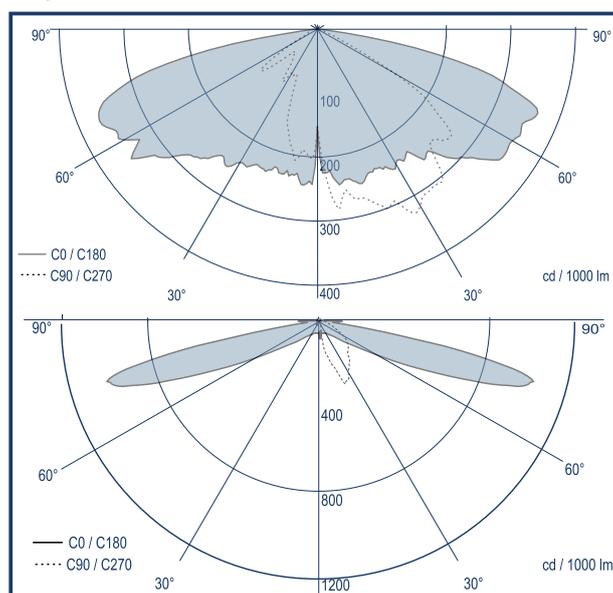
Application areas

Traffic roads, roads in residential areas, cycle paths

Dimensions (mm)



Light distribution (asymmetric wide beam / wide beam)



TRAPEZ 145

Basic

Eco

Lighting fixtures body		
Material	Aluminium	
Colour (powder coating)	RAL or DB	
Mounting type	Post top (Ø 76, 60mm) or side mounting (Ø 42x100 mm)	
Orientation possibilities	Basic up tilt of 2°	
Dimension (length x width x height)	700 x 250 x 210 mm	
Weight	app. 5,5 kg	
Exposed wind surface	0,06 m ²	
IP Protection class	IP 65	
Glass type	PMMA / PC	
Shock resistance	IK 08	
Photometric properties		
Light source	LED Modules with High-Power-LEDs	
Optical system	Asymmetric wide beam and wide beam light distribution	
Rated luminous flux	1,300 / 2,000 / 2,600 / 3,400 lm	1,000 – 3,400 lm
Light efficiency	115 lm/W	115 lm/W
Colour temperature	3,000 / 4,300 K	
Colour rendering index (Ra)	> 70	
Dimming (power control)	–	Power line control / Digital
Rated lifetime at (ta) 30°C	80,000 h at L80/B10	85,000 h at L80/B10
Temperature management	–	✓
Constant Light Output (CLO)	–	✓
Electrical properties		
Rated power	12 / 18 / 22 / 30 W	8 – 30 W (2 W-steps)
Electrical protection class	Class I / II	
Rated voltage	198 – 264 V	120 – 277 V
Frequency	50 – 60 Hz	
Surge protection (L–N / L N–ground)	6 kV	6 / 8 kV
Installation suggestions		
Application areas	Traffic roads, roads in residential areas, cycle paths	
Light point height	3,5 – 6 m	
Lighting classes	ME/S	
Admitted ambient temperature (ta)	-25°C – +35°C	
Other properties		
Certificate	CE	
Connection to circuit breaker (B16)	17 pcs.	
Options		
Additional part Over tension resistant	10 kV	
Adaptation to fit Ø 60 mm post	✓	
DALI Interface (not at power line control)	–	✓

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