

Road Lantern

Day/Night Switching: Available via 3 and 7 Pin Nema socket (cell not included)

Sustainable: Tool-less change of electronic and LED modules

Reliable: Lifetime of the LED driver and LEDmodules at 85.000 h

Easy installation: Orientation possibilities steplessly adjustable between -10° and +115°

Future proof: Optimised design specially conceived for use with most modern LED technology

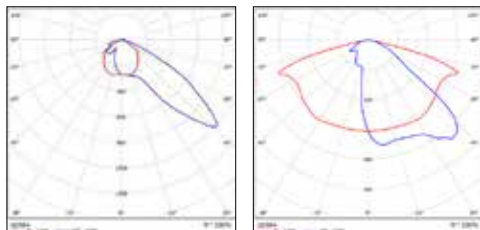
Application areas:

- Roads in residential areas
- Entrances/exits
- Main roads
- Parking areas
- Secondary roads



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Example of luminous intensity distribution:



LIGHT HOUSING		
Material	Die cast aluminium	
Colour (powder coating)	DB 703	
Mounting type	42, 60 or 76 mm Post top 60 or 760 mm side mounting	
Orientation possibilities (in 5°-steps)	-100° to +25° (Side mounting) -10° to +115° (Post top)	
Dimensions (length x width x height)	610 x 306 x 94 mm	
Weight	app. 8 kg	
Exposed wind surface	0,04 m ²	
IP Protection class	IP 66	
Glass type	ESG	
Shock resistance	IK 08	
ILLUMINANT PROPERTIES		
Light source	LED Modules with High-Power-LEDs	LED-Modules with Mid-Power-LED (Silicone Module)
Optical system	oblique-wide, wide-beam or forward-projecting light distribution	
Rated luminous flux	8.500 – 12.000 lm (500 lm Steps)	8.000 – 10.000 lm (500 lm Steps)
Light efficiency	up to 143 lm/W	
Colour temperature	3.000 K 4.000 K	3.000 K 4.000 K 5.000 K
Colour rendering index (Ra)	> 70	> 85
Dimming (power control)	Optional line switch (50 % 100 %), dimming profile or DALI	
Interface for light management	NEMA or Zhaga book 18 socket (ZHAGA socket optional on the top and bottom)	
Rated lifetime at (ta) 30°C	100.000 h at L80 B10	
Temperature management	✓	
Constant Light Output (CLO)	Optional	
ELECTRICAL PROPERTIES		
Rated power	59 – 98,5 W	68 – 90 W
Electrical protection class	SK I SK II	
Rated voltage / Frequency	220 – 240 V 50 – 60 Hz	
Surge protection (L–N / L/N–ground)	10 kV	
INSTALLATION REQUIREMENTS		
Application areas	Roads in residential areas, entrances exits, pedestrian crossings, main roads, parking areas, secondary roads	
Light point height	8 – 12 m	
Lighting classes	M P	
Admitted ambient temperature (ta)	-30 C° to +40 C°	
OTHER PROPERTIES		
Certification	ENEC, CE	

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