

HELLUX HELIUS 121

Sustainable: Tool-less change of electronic and LED modules

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

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

Variable: Variable mast adapter for attachment and top mounting

Application areas:

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

Available with
Zhaga socket



HELLUX

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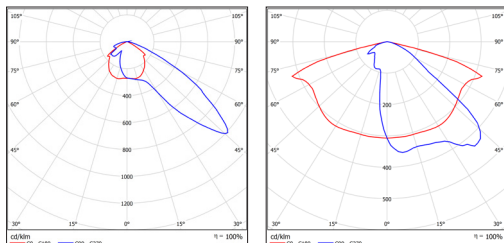
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Example of luminous intensity distribution:



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)	-25 ° to + 15 ° (mast attachment) or - 10 ° to + 25 ° (mast attachment)	
Dimensions (length x width x height)	610 x 306 x 94 mm	
Weight	app. 8 kg	
Exposed wind surface	0,04 m²	
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	2.200K 2.700K 3.000K 4.000K	3.000K 4.000K
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	57,1 – 89,2 W	70,1 - 88,2 W
Electrical protection class	SK I SK II	
Rated voltage / Frequence	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)	- 25 C° to + 35 C°	
OTHER PROPERTIES		
Certification	CE	