

## HELLUX HELIUS 120

**Sustainable:** Tool-less change of electronic and LED modules

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

**Easy installation:** Variable mast adapter for side and top mounting

**Future-proof:** Design specially optimized for the use of the latest technologies

**Application areas:**

- Roads in residential areas
- Main roads
- Parking areas/walkways
- Parking areas
- Bikeways
- Secondary roads

Available with  
Zhaga socket



HELLUX

**Lunux Lighting GmbH**

Zaucheweg 4  
04316 Leipzig

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

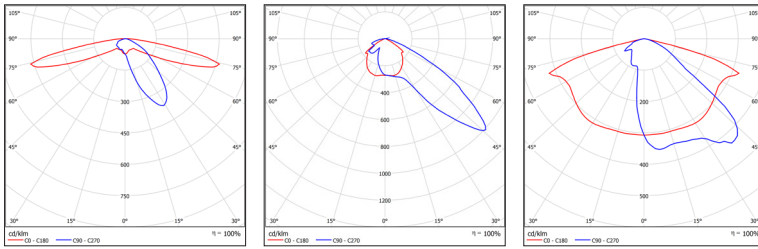
info@lunux-lighting.com  
www.lunux-lighting.com

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

# HELLUX HELIUS 120



Example of luminous intensity distribution: wide | forward | diagonally wide



LIGHT HOUSING		
Material	Aluminium die casting	
Colour (powder coating)	DB 703	
Mounting type	42, 60 or 76 mm Post top or side mounting	
Orientation possibilities (in 5°-steps)	-25 ° to + 15 ° (mast attachment) or -10 ° to + 25 ° (mast attachment)	
Dimension (length x width x height)	515 x 306 x 94 mm	
Weight	app. 7 kg	
Exposed wind surface	0,04 m <sup>2</sup>	
IP Protection class	IP 66	
Glass type	ESG	
Shock resistance	IK 09	
ILLUMINANT PROPERTIES		
Light source	LED-Modules with High-Power-LED	LED-Modules with Mid-Power-LED
Optical system	wide   forward   diagonally wide distribution	
Rated luminous flux	1.000 - 5.500lm (500lm steps) at 2.700K at 5.000lm at 2.200K 1.000 - 8.000lm (500lm steps) at 3.000K   4.000K	1.000 - 6.500lm (500lm steps) at 3.000K 1.000 - 8.000lm (500lm steps) at 4.000K
Light efficiency	up to 143 lm/W	
Colour temperature	Amber   2.200K   2.700K   3.000K   4.000K	3.000K   4.000K
Colour rendering index (Ra)	> 70	> 85
Dimming (power control)	Optional control phase, dimming profiles 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	7,3 - 71,4 W	7,8 - 66,5 W
Electrical protection class	SK I   SK II	
Rated voltage / Frequence	220 - 240 V   50 - 60Hz	
Surge protection (L-N / L/N-ground)	10 kV	
INSTALLATION REQUIREMENTS		
Application areas	Roads in residential areas, main roads, parking areas   walkways, parking areas, bikeways, secondary roads, pedestrian crossing	
Light point height	3,5 - 10 m	
Lighting classes	M   P	
Admitted ambient temperature (ta)	- 25 C° to + 35 C°	
OTHER PROPERTIES		
Certification	CE	
OPTIONS		
Reduction piece to Ø 60 / 42 x 100 mm		
Optional surge protection	10 kV	