

# HELIUS<sup>®</sup> 121

## Outdoor Lighting



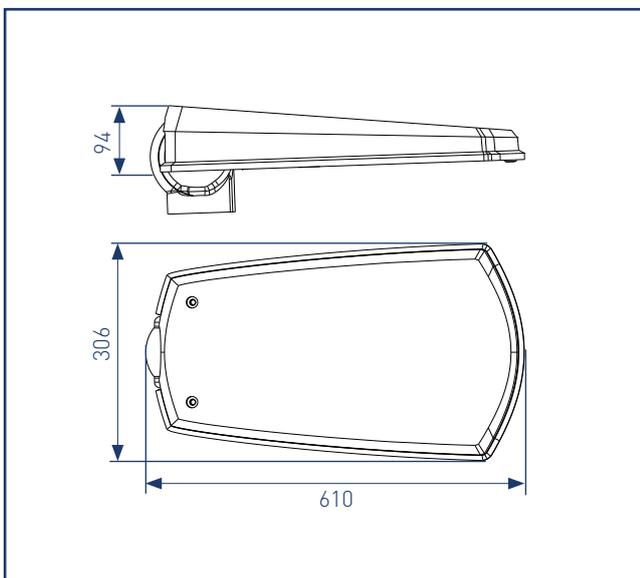
### Your product advantages

- ✓ **Sustainable:** Tool-less change of electronic and LED modules
- ✓ **Reliable:** Lifetime of the LED driver and LED modules at 85,000 h
- ✓ **Easy installation:** Orientation possibilities smooth between -10° to +115°
- ✓ **Future proof:** Optimised design specially conceived for use of most modern LED technology

### Application areas

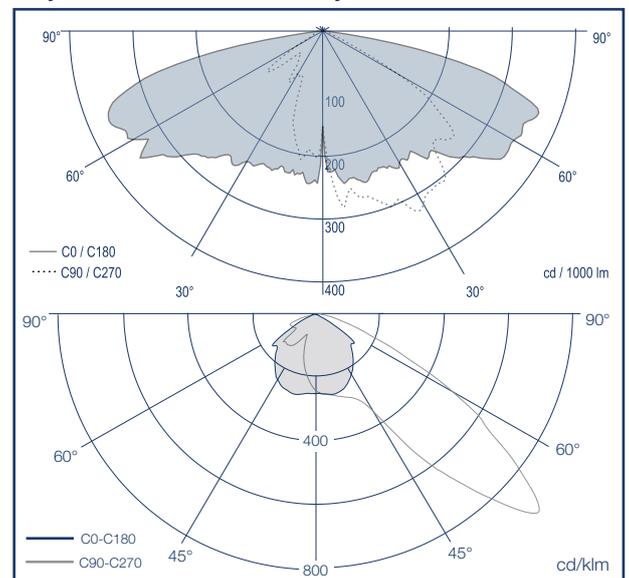
Traffic roads, roads in residential areas, parking areas

### Dimensions (mm)



### Light distribution

(asymmetric wide beam / asymmetric forward beam)



**HELIUS® 121**

**Basic**

**Eco**

Lighting fixtures body		
Material	Die cast aluminium	
Colour (powder coating)	RAL or DB	
Mounting type	Post top or side mounting	
Orientation possibilities	-10° – +115° (in 5°-steps)	
Dimension (length x width x height)	610 x 306 x 94 mm	
Weight	app. 8 kg	
Exposed wind surface	0,04 m <sup>2</sup>	
IP Protection class	IP 66	
Glass type	Safety glass	
Shock resistance	IK 08	
Photometric properties		
Light source	LED Modules with High-Power-LEDs	
Optical system	Asymmetric wide beam and asymmetric forward beam	
Rated luminous flux	4,200 / 5,000 / 6,000 / 7,000 lm	3,400 – 7,000 lm
Light efficiency	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	36 / 44 / 52 / 60 W	30 – 60 W (in 2W steps)
Electrical protection class	Class I / II	
Rated voltage	198 - 264 V	120 – 277 V
Frequence	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, parking areas	
Light point height	5 – 8 m	
Lighting classes	ME/S	
Admitted ambient temperature (ta)	-25°C – +35°C	
Other properties		
Certificate	ENEC*, CE	
Connection to circuit breaker (B16)	12 pcs.	
Options		
Reduction part to Ø60, 42x100 mm	✓	
Additional part Over-tension resistant	–	10 kV
DALI Interface (not with power line control)	–	✓

\* on the way of approval

