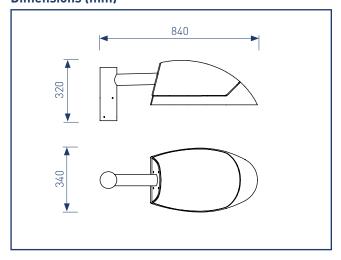**HELLUX**

FRITZ 114
Outdoor Lighting

Your product advantages

- ✓ **Award Winning Design:** IF Design Award
- ✓ **Versatile:** Applicable for technical as well as for decorative lightings
- ✓ **Sustainable:** Tool-less change of electronic and LED modules
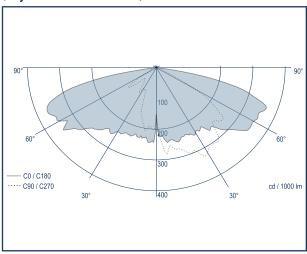- ✓ **Reliable:** Lifetime of the LED driver and LED module at 85,000 h

Application areas

Traffic roads, roads in residential areas

Dimensions (mm)

Light distribution
(asymmetric wide beam)

FRITZ 114 — Basic — Eco

	Basic	Eco
Lighting fixtures body		
Material	Die cast aluminium	
Colour (powder coating)	RAL or DB	
Mounting type	Post top mounting (Ø 76 / 60 mm)	
Orientation possibilities	Basic up tilt of 0°	
Dimension (length x width x height)	830 x 340 x 320 mm	
Weight	app. 10 kg	
Exposed wind surface	0.14 m²	
IP Protection class	IP 65	
Glass type	PMMA	
Shock resistance	IK 08	
Photometric properties		
Light source	LED-Modules with High-Power-LED	
Optical system	Asymmetric wide beam light distribution	
Rated luminous flux	1,300 / 2,000 / 2,600 / 3,200 lm	1,000 - 3,200 lm
Light efficiency	105 lm/W	105 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) 30C°	80,000 h at L80/B10	85,000 h at L80/B10
Temperature management	—	✓
Constant Light Output (CLO)	—	✓
Electrical properties		
Rated power	12 / 18 / 24 / 30 W	10 – 30 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	
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	
Side mounting piece for Ø 60, 42x100 mm	✓	
Angle fixation through extension bracket	1.5°	
DALI Interface (not at power line control)	—	✓