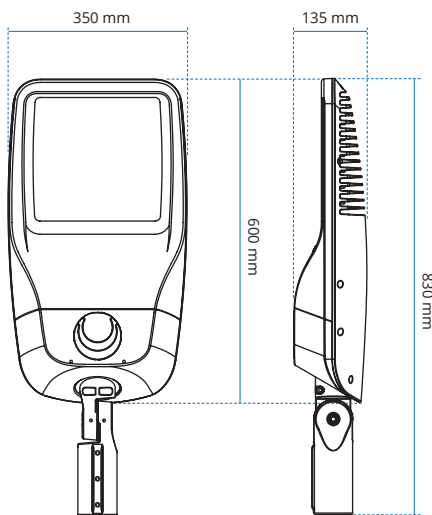


Model 49 Series

Datasheet



Dimensions and weight



Net weight	11.2 kg
Gross weight	13.1 kg
Carton size	900 × 400 × 190 mm
Glass size:	284 × 269 × 4 mm

Installation and operational conditions

Pole diameter	<ul style="list-style-type: none"> with spigot adapter 40-50 mm without adapter 50-60 mm
Adjustable tilting angle	<ul style="list-style-type: none"> Post top -5° - +95° Side entry -95° - +95°
Recommended mounting height	5 - 10 m
Ambient temperature	-40°C to +50°C
Storage temperature	up to +80°C
Humidity	5-95 %
Wind area	up to 0,041 m ²
Max. project area	0.21 m ²

Electrical

Input voltage and frequency 100-240 V, 50/60 Hz

Protection class IEC Class I

Rated power

Options	Power			
	60W	80W	100W	120W
Standard	60W	80W	100W	120W
CLO* activated	50W	60W	80W	-
DSL** activated	60W	80W	100W	-

Power factor > 0.96

Performance

Rated luminous flux from 5,000 lm to 12,000 lm (minimal estimated)

Rated luminaire efficacy up to 135 lm/W

Rated colour rendering index and correlated colour temperature

- >70 at 4000-5700 K
- >80 at 3000-3500 K
- >90 at 2700 K

Chromaticity coordinates 5 SDCM (5-step MacAdam ellipse)

Useful life 70,000 hours at 25°C ambient temperature

Structure and material

Housing high-pressure die-cast aluminium

Cover flat glass, tempered at 200°C

Luminaire ingress protection code IP66

Driver ingress protection code IP65

Impact protection code glass IK08, housing IK10

All materials used in this product are RoHS compatible.

* CLO - Constant Light Output

** DSL - Dimming schedule