

TECHNICAL DATASHEET · STREET LED FLOODLIGHTS - PROTON SP II SERIES

Proton SP II Street LED Floodlight 12 LEDs 30-45W

EcoSolaris code: ECO-LED-33 · Designed and manufactured in Europe · OSRAM LEDs



Compact street floodlight with 12 high-power OSRAM LEDs (100,000 hours), 30-45W, minimum efficacy 110 lm/W and an asymmetric elliptical beam. Powder-coated aluminium housing, UV polycarbonate lens, IP66, IK10, class I, 90-230V AC supply. Dimensions 255 x 135 x 80 mm, 1.75 kg.

Price on request

Minimum order 10 pcs

Made to order

EcoSolaris technical support

Technical specifications

Luminaire type	Street floodlight, Proton SP II series
Number of LEDs	12
Light source	High-power OSRAM LEDs, 100,000 hours
Total power	30-45W
Luminous efficacy	Minimum 110 lm/W
LED colour	Neutral white 4000 K / cool white 5000 K
Colour rendering index	80 (neutral white, warm white), 70 (cool white)
Beam	Asymmetric elliptical
Standard supply	90-230V AC, 50-60Hz
Driver	Included
Electrical insulation class	I
Power factor	> 0.95
Total harmonic distortion	< 20%
Housing material	Electrostatically powder-coated aluminium (other colours on request)
Lens	Clear UV-protected polycarbonate
Ingress protection	IP66
Impact resistance	IK10
Operating temperature	-20 degrees C to +40 degrees C
Dimensions	255 x 135 x 80 mm
Weight	1.75 kg

Features

- 12 OSRAM LEDs, 30-45W, min. 110 lm/W
- Asymmetric elliptical beam for street lighting
- CRI 80 (4000 K) / 70 (5000 K)
- 90-230V AC supply, PF > 0.95, THD < 20%
- Powder-coated aluminium, UV polycarbonate lens
- IP66, IK10, -20 to +40 degrees C
- Pole, bracket or flat-surface mounting

Recommended applications

Street lighting

Car park lighting

Perimeter lighting

