

TECHNICAL DATASHEET · STREET LED FLOODLIGHTS - PROTON SP II SERIES

Proton SP II Street LED Floodlight 18 LEDs 45-60W

EcoSolaris code: ECO-LED-426 · Designed and manufactured in Europe · OSRAM LEDs



Light 2 kg street floodlight with 18 high power OSRAM LEDs and 45-60 W consumption, supplied at 230 V AC or optionally 12-24 V DC. Minimum 110 lm/W, elliptical asymmetric beam, driver built into the housing, electrostatically powder coated aluminium, IP66 and IK10. Designed and manufactured in Europe.

Price on request

Minimum order 10 pcs

Made to order

EcoSolaris technical support

Technical specifications

Housing material	Electrostatically powder coated aluminium
Diffuser	Clear polycarbonate, UV protected
Housing colour	Other colours available on request
Number of LEDs	18
Total power	45-60 W
Light source	OSRAM LEDs, 100,000 hours
Luminous efficacy	min. 110 lm/W
CRI	80 (neutral white) / 70 (cool white)
LED colour	Neutral white 4000 K / Cool white 5000 K
Focusing	Elliptical
AC supply	230 V 50 Hz (90-230 V AC, 50-60 Hz), driver included
DC supply	12-24 V DC (option)
Insulation class	I
Power factor	> 0.95
Total harmonic distortion	< 20%
Ingress protection	IP66 / IK10
Operating temperature	-20 degrees C to +40 degrees C
Dimensions	275 x 135 x 80 mm
Weight	2 kg
Markings	CE, F

Features

- 18 OSRAM LEDs, 45-60 W, min. 110 lm/W
- Supply at 230 V AC or 12-24 V DC
- Elliptical asymmetric beam through dedicated lenses
- Low weight, 2 kg
- Power factor > 0.95, THD < 20%
- IP66, IK10, -20 to +40 degrees C
- Pole, bracket or flat surface mounting

Recommended applications

Street lighting

Park lighting

Garden lighting

Perimeter lighting

General lighting

Commercial and public areas

