

TECHNICAL DATASHEET · STREET LED FLOODLIGHTS - PROTON II SERIES

Proton II Street LED Floodlight 36 LEDs 90W

EcoSolaris code: ECO-LED-247 · Designed and manufactured in Europe · OSRAM LEDs



Street floodlight with 36 high power OSRAM LEDs and 90 W consumption, designed for ME4 class roads. Elliptical asymmetric beam, extruded and electrostatically powder coated aluminium housing, 3 mm polycarbonate diffuser, tilt of plus or minus 45 degrees, 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	Extruded aluminium, electrostatically powder coated
Diffuser	3 mm clear polycarbonate, UV protected
Housing colour	Grey (standard)
Number of LEDs	36
Total power	90 W
Light source	OSRAM LEDs, 100,000 hours
CRI	80 (neutral white) / 70 (cool white)
LED colour	Neutral white 4000 K / Cool white 5000 K
Focusing	Elliptical
Supply	90-230 V AC, 50-60 Hz, driver included
Insulation class	I
Power factor	> 0.95
Total harmonic distortion	< 20%
Ingress protection	IP66 / IK10
Operating temperature	-20 degrees C to +40 degrees C
Tilt adjustment	plus or minus 45 degrees
Dimensions	355 x 248 mm
Weight	4.6 kg
Markings	CE, F

Features

- 36 high power OSRAM LEDs, 90 W
- Designed for ME4 class roads
- Elliptical asymmetric beam
- Tilt of plus or minus 45 degrees from the bracket
- Extruded aluminium, 3 mm polycarbonate diffuser
- IP66, IK10, -20 to +40 degrees C
- Power factor > 0.95, THD < 20%

Recommended applications

Street lighting

Car park lighting

Perimeter lighting

Sports ground lighting

Residential and public areas

