

TECHNICAL DATASHEET · ATEX LED LIGHTING (EX ZONES) - PROTON EX SERIES

Proton Ex ATEX LED Floodlight 40 LEDs 90-120W

EcoSolaris code: ECO-LED-235 · Designed and manufactured in Europe · OSRAM LEDs



Floodlight for general surface lighting in potentially explosive atmospheres with combustible dusts. 40 high-power OSRAM LEDs, 90-120W, medium focus, CRI 80/70, 100,000 hour lifespan. Electrostatically painted aluminium housing, polycarbonate diffuser, IP66, driver included 90-260V 50/60 Hz, operation from -40 to +50 degrees C.

Price on request

Minimum order 10 pcs

Made to order

EcoSolaris technical support

Technical specifications

Housing material	Electrostatically painted aluminium
Diffuser	Clear polycarbonate
Housing colour	Other colours on request
Power supply	230V AC standard; 90-260V, 50/60 Hz
Driver	Included, inside the housing
Number of LEDs	40 (OSRAM)
Total power	90-120W
LED colour	Neutral white 4000K Cool white 5000K
Beam focus	Medium
CRI	80 (neutral white), 70 (cool white)
LED lifespan	100,000 hours
Ingress protection	IP66
Electrical insulation class	I
Operating temperature	-40 degrees C to +50 degrees C
Dimensions	470 x 280 x 80 mm
Weight	4.8 kg

Features

- 40 high-power OSRAM LEDs, 90-120W
- Purpose-designed lenses, medium focus
- CRI 80 neutral white / 70 cool white
- LED lifespan 100,000 hours
- IP66 ingress protection, outdoor rated
- Driver included, 90-260V 50/60 Hz
- Operation from -40 to +50 degrees C
- Designed and made in Europe

Recommended applications

Fuel stations

ATEX

Forecourt lighting

Hazardous area lighting