

TECHNICAL DATASHEET · AVIATION AND HELIPORT LED LIGHTING - AERO SERIES

Apron LED Floodlight 300-450W for Airport Aprons

EcoSolaris code: ECO-LED-387 · Designed and manufactured in Europe · OSRAM LEDs



High-power floodlight for aircraft boarding and parking aprons, with 9 Bridgelux COB LEDs, 300-450 W and a minimum luminous flux of 45,000 lm. Narrow beam, neutral white 4000 K (CRI 80) or cool white 5000 K (CRI 70), 90-230 V AC supply with power factor above 0.95. Extruded aluminium, IP65, IK10, 750 x 400 x 300 mm, 11 kg.

Price on request

Minimum order 10 pcs

Made to order

EcoSolaris technical support

Technical specifications

Housing material	Extruded aluminium, electrostatically painted
Housing colour	Other colours on customer request
Diffuser	Clear polycarbonate, UV protected
Light source	9 high-power Bridgelux COB LEDs
Number of LEDs	9
LED colour options	Neutral white 4000 K, cool white 5000 K
Beam focus	Narrow
Luminous flux	minimum 45,000 lm
Colour rendering index	80 (neutral white), 70 (cool white)
Total power	300-450 W
Driver	Included
Power supply	90-230 V AC, 50-60 Hz
Power factor	above 0.95
Electrical insulation class	I
Ingress protection	IP65
Impact protection	IK10
Operating temperature	-40 degrees C to +50 degrees C
Dimensions	750 x 400 x 300 mm
Weight	11 kg
Markings	CE, F-Mark, outdoor use

Features

- 9 Bridgelux COB LEDs, 300-450 W
- Minimum luminous flux 45,000 lm
- Narrow beam for tall mast mounting
- CRI 80 at 4000 K, CRI 70 at 5000 K
- 90-230 V AC supply, power factor above 0.95
- Electrostatically painted extruded aluminium, IP65, IK10
- Operation from -40 to +50 degrees C

Recommended applications

Airport lighting

Boarding and parking aprons

