

TECHNICAL DATASHEET · AVIATION AND HELIPORT LED LIGHTING - AERO SERIES

Polaris Portable LED Light with Radio Control

EcoSolaris code: ECO-LED-77 · Designed and manufactured in Europe · OSRAM LEDs



Portable light with OSRAM LED and command through a radio transmitter and receiver set, in flashing and steady modes. Visibility 3000 m (VFR) and 1500 m (special VFR), 12 V battery with own consumption under 4 mA and a charger protected against over-discharge. Polycarbonate body in RAL 1004, IP66, IK10, 245 x 236 mm, 2.8 kg.

Price on request

Minimum order 10 pcs

Made to order

EcoSolaris technical support

Technical specifications

Housing material	Polycarbonate
Housing colour	Aviation yellow RAL 1004
Diffuser	Clear polycarbonate, UV resistant, IK10
Light source	OSRAM LED
Operating modes	Flashing and steady
Visibility	3000 m (VFR), 1500 m (special VFR)
Visual range	At least 1 minute before ground contact, up to 72 m/s
Operating voltage	12 V, own consumption under 4 mA
Charger	Input under 47 V, maximum 8 A, 230 V 50 Hz mains
Charge termination	13.9 V (27.8 V)
Charging voltage	14.4 V (28.8 V)
Charge reconnection	above 50%, 12.4-12.7 V (24.8-25.4 V)
Over-discharge protection	below 30%, 11.2-11.6 V (22.4-23.2 V)
Ingress protection	IP66
Electrical protection class	I
Operating temperature	-40 degrees C to +50 degrees C
Dimensions	245 x 236 mm
Weight	2.8 kg
Markings	CE, F-Mark, outdoor use

Features

- Command through a radio transmitter and receiver set
- Flashing or steady light
- Visibility 3000 m VFR, 1500 m special VFR
- 12 V battery, own consumption under 4 mA
- Over-discharge protection below 30%
- Polycarbonate RAL 1004, UV diffuser, IK10
- IP66, operation from -40 to +50 degrees C

Recommended applications

Airport lighting

Temporary aerodrome marking

