Photovoltaic Energy L.L.C
ايكوسولاريس للطاقة الكهروضوئية ذ.م.م
Canal Highs 4001, Dubai, United Arab Emirates · P.O. Box 25314
Tel: +971 58 511 8662 · Toll-free: 800 00813
contact@ecosolaris.ae · www.ecosolaris.ae

TECHNICAL DATASHEET · AIRPORT GUIDANCE SYSTEMS · FLASHING LIGHTS

RTIL – Runway Threshold Identification Light

EcoSolaris code **ECO-AL-367** | Ordering code **AL-080-24-WH** | **Made in Romania** Manufactured in the EU



A pair of white directional lights with synchronised flashes, installed on both sides of the runway threshold. They give pilots quick threshold identification on approach, at night or in reduced visibility.

CODE	NUMBER OF LEDS
AL-080-24-WH	**24, cool white (OSRAM)**
FLASH RATE	POWER CONSUMPTION
60–120 / min, synchronised	**20 W**

Price on request | EcoSolaris technical support · Dubai

Technical specifications

Code	AL-080-24-WH
Number of LEDs	24, cool white (OSRAM)
Flash rate	60–120 / min, synchronised
Power consumption	20 W
Power supply	110/230 V AC, parallel circuit
Brightness steps	100% / 10% / 3% + ON/OFF
Supply cable	3 × 1.0 mm², 1 m
Ingress protection	IP65
Temperature	-40 °C … +55 °C
Humidity	0–100%
Wind	up to 480 km/h
Dimensions	350 × 400 × 255 mm
Weight	11 kg
Packaging, set of 2	ISPM 15 crate, 980 × 400 × 300 mm, 36 kg

Features

- Two white directional lights with synchronised flashes
- 110/230 V AC controller mounted on one light
- Three-wire remote control for brightness and ON/OFF
- High-power OSRAM LEDs with special lenses
- Anti-glare visor and sun shield

Standards and compliance

- ICAO Annex 14, Vol. 1 – Aerodrome Design and Operations
- Intensity per ICAO Annex 14, Vol. 1, Fig. A2-10
- Colours per ICAO Annex 14, Vol. 1, Fig. A1-1b

Materials and construction

- Powder-coated aluminium housing, RAL 1004
- Anti-glare visor, aluminium RAL 9005
- Clear UV-protected polycarbonate diffuser
- Nickel-plated brass cable gland
- Stainless steel fasteners

Configuration options

- 110–230 V AC, 24 V DC or 2.8–6.6 A from CCR supply
- Cable length 1 m or 2 m
- Chrome-plated, stainless steel or plastic cable gland
- Low-profile, frangible bracket or base plate with frangible coupling
- White, red or amber LEDs

Ordering code structure

AL - 080 - 24 - WH

AL	Airfield lighting series
080	Product indicator
24	Number of LEDs
WH	Colour: cool white

Compatible accessories

AL-127-AX	Frangible bracket
AL-114-AX	2.5" frangible coupling
AL-102-AX	Φ260 mm base plate

Applications

VFR airports · **Non-precision instrument approach airports** · **Thresholds hard to identify against bright surroundings** · **Military and regional airfields**