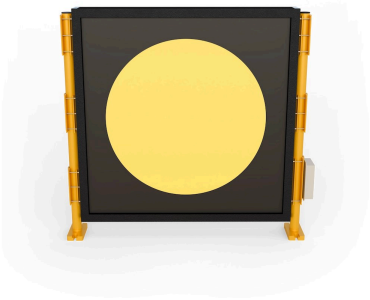
Photovoltaic Energy L.L.C
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TECHNICAL DATASHEET · AIRPORT GUIDANCE SYSTEMS · ILLUMINATED SIGN

Arresting Gear Marking (AGM)

EcoSolaris code **ECO-AL-1115** | Ordering code **AL-070-XXX-XX** | **Made in Romania** Manufactured in the EU



Internally lit sign with a yellow translucent circle of approximately 1 m on a square black background, marking the arresting cable position on both sides of the runway. Modular aluminium construction with mains, series-circuit or solar supply.

CODE	FASCIA
AL-070-XXX-YY	**1220 × 1220 mm**
OVERALL SIZE	POLES
1320 × 1320 mm	**400 mm, bases included**

Price on request | **EcoSolaris technical support · Dubai**

Technical specifications

Code	AL-070-XXX-YY
Fascia	1220 × 1220 mm
Overall size	1320 × 1320 mm
Poles	400 mm, bases included
Power consumption	max. 40 W
Type M	110/230 V AC mains
Type S	2.8–6.6 A series circuit
Solar supply	solar power pack
Yellow background luminance	567 cd/m² (min. 150 cd/m²)
Red background luminance	50.7 cd/m² (min. 30 cd/m²)
White / yellow lettering	346 / 456 cd/m²
Max/min ratio	1.64 (yellow) / 1.72 (red)
Ingress protection	IP65 or better
Temperature	-40 °C ... +55 °C
Humidity	0–100%
Wind resistance	up to 320 km/h
FASCIA legend guarantee	10 years

Features

- Self-supporting extruded aluminium frame
- Modular construction, components common to the whole sign range
- Glare-free FASCIA film, uniform colour
- Installed by two people
- Provision for safety cable on the legs
- ON/OFF switch on the series-circuit version

Standards and compliance

- ICAO Annex 14, Vol. 1 – Aerodrome Design and Operations
- ICAO Annex 14, Vol. 2 – Heliports
- FAA AC 150/5220-9A

Materials and construction

- Powder-coated aluminium housing, RAL 1004
- Powder-coated aluminium fastening system, RAL 1004
- 4 mm UV- and abrasion-resistant polycarbonate front and back panels
- Nickel-plated brass cable gland

Configuration options

- Type M 110/230 V AC supply
- Type S supply, 2.8–6.6 A series circuit, L-823 connector
- Solar power pack
- Constant or dimmable brightness
- Safety cable

Ordering code structure

AL - 070 - XXX - YY

AL	Airfield lighting series
070	Product indicator
XXX	Panel length in centimetres
YY	Panel height in centimetres
120 / 121 / 122	Power subassembly: 120 – 2.8–6.6 A constant; 121 – 2.8–6.6 A dimmable; 122 – 230 V constant

Applications

Military airfields with cable arresting systems · **Joint civil-military airfields** · **Marking the cable position on both runway sides**