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 LIGHTING · ELEVATED LIGHT

Vista Runway Edge

EcoSolaris code **ECO-AL-372** | Ordering code **AL-103-06-WH** | **Made in Romania** Manufactured in the EU



Elevated bidirectional and omnidirectional LED light for runway edge and circling, at ICAO low and medium intensity. Lightweight aluminium and polycarbonate construction, installed with minimal civil works.

CODE	WHITE, 10% (LOW)
AL-103-06-WH/YE	**1000 cd average main beam**
WHITE, 30% (MEDIUM)	**YELLOW**
3000 cd average main beam	**white values × 0.40**

Price on request | EcoSolaris technical support · Dubai

Technical specifications

Code	AL-103-06-WH/YE
White, 10% (low)	1000 cd average main beam
White, 30% (medium)	3000 cd average main beam
Yellow	white values × 0.40
Power consumption	9 W (low) / 13 W (medium)
Mains supply	90–230 V, 50/60 Hz, non-dimmable
DC supply	1.4 A DC, dimmable 100% / 30% / 10%
Cable	0.5 m, pre-wired
Ingress protection	IPX8
Temperature	-55 °C … +55 °C
Ka test	salt mist
Diameter	65 mm
Total height	185 mm
Weight	1 kg

Features

- 30% of ICAO high-intensity requirement (CCR steps 2–4)
- 3-step dimming
- Pre-cut cables with FAA L-823 connectors
- Installation with limited civil works
- Scratch-resistant, UV-protected polycarbonate diffuser
- Optional: FAA L-854 radio receiver for pilot control

Standards and compliance

- ICAO Annex 14, Vol. 1 – Aerodromes
- IEC TS 61827

Materials and construction

- Powder-coated aluminium housing, RAL 1004
- Clear polycarbonate diffuser
- Nickel-plated brass cable gland
- Stainless steel fasteners
- Anti-condensation valve

Configuration options

- 230 V AC directly from mains
- 1.4 A DC from controller, 2-core cable
- Shallow base, base plate, pyramid stand or tripod mounting
- FAA L-854 radio receiver

Ordering code structure

AL - 103 - 06 - WH/YE

AL	Airfield lighting series
103	Product indicator
06	Number of LEDs
WH/YE	Colour: white/yellow

Compatible accessories

AL-100-AX	Ø32 mm coupling tube
AL-101-AX	Frangible coupling
AL-102-AX	Φ260 mm base plate
AL-103-AX	Mounting flange
AL-104-AX	Standard Φ160 mm shallow base
AL-105-AX	Adapter ring for 8" shallow base
AL-106-AX	Φ160 mm surface-mounted base
AL-107-AX	IP68 electrical junction box
AL-108-AX	Φ160 mm shallow base installation jig
AL-122-AX	Cable with KDC501 EFLA connector
AL-011-AX	Fibreglass pyramid stand
AL-173-AX	Tripod

Applications

Runway edge, low and medium intensity · **Circling guidance lights** · **Regional and private airfields** · **Military airfields**