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TECHNICAL DATASHEET · HELIPORT LIGHTING · FLAT LIGHT · GREEN

Flat TLOF Heliport Light

EcoSolaris code **ECO-AL-321** | Ordering code **AL-073-03-GR-F** | **Made in Romania** Manufactured in the EU





Low-profile flat LED light that marks in green the perimeter of the TLOF – the surface where the helicopter touches down and lifts off. Intended for elevated heliports where cabling is connected beneath the deck.

ORDERING CODE	LIGHT COLOUR
AL-073-03-GR-F	**Green**
POWER CONSUMPTION	48 VDC SUPPLY
4.5 W	**from controller, dimmable 100%, 30%, 10%**

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

Technical specifications

Ordering code	AL-073-03-GR-F
Application	TLOF perimeter lights (touchdown and lift-off area)
Light colour	Green
Power consumption	4.5 W
48 VDC supply	from controller, dimmable 100%, 30%, 10%
Mains supply	90–230 V, 50/60 Hz, non-dimmable
Constant-current supply	1.4 A CC, dimmable 100%, 30%, 10% (internal bypass + SPD)
Electrical connection	pre-cabled fixture + metallic junction box AL-139-AX

Features

- Very low profile – no obstacle for helicopter wheels
- Steady green light marking the landing area
- Three intensity steps (100%, 30%, 10%) with 48 VDC or 1.4 A CC supply
- Three supply options: 48 VDC, 90–230 V or 1.4 A CC

Standards and compliance

- ICAO Annex 14, Volume I – Aerodromes (design and operations)
- ICAO Annex 14, Volume II – Heliports
- IEC TS 61827 – Electrical installations for lighting and beaconing of aerodromes; characteristics of inset and elevated luminaires used on aerodromes and heliports

Materials and construction

- Housing in powder-coated aluminium, RAL 1004 (aviation yellow)
- Hardened glass disperser
- Disperser flange – nickel-plated ring
- Nickel-plated brass cable gland
- Stainless steel fasteners
- Anti-condensation valve
- UV protected

Configuration options

- Power supply: 48 VDC from controller (dimmable 100%, 30%, 10%), 48 VDC non-dimmable or 110–230 VAC, 50/60 Hz non-dimmable
- Cable length: 1 m or 2 m
- Cable gland: chrome-plated, stainless steel or plastic
- Case: standard or with a case under the flat light connected by a short cable
- Electrical junction box: none, with simple terminals, or with terminals + varistor + fuse
- Snow plug protection: optional

Ordering code structure

AL - 073 - 03 - GR - F

AL	Series indicator (airfield lighting)
073	Product indicator (Flat TLOF)
03	Number of LEDs: 3
GR	Light colour: green
F	Surface-mounting fixture

Compatible accessories

AL-139-AX	Metallic electrical junction box

Applications

TLOF perimeter (touchdown and lift-off area) · **Elevated heliports on hospitals and high-rise buildings** · **Ground-level heliports and metal decks** · **Offshore and industrial platforms**

Information document. Specifications may change without prior notice. Images are for illustration only.