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TECHNICAL DATASHEET · AIRPORT AND HELIPORT GUIDANCE · VISUAL APPROACH SLOPE INDICATOR

# APAPI – Abbreviated Precision Approach Path Indicator

EcoSolaris code **ECO-AL-123** | Ordering code **AL-088-28-WH-RE-XXX** | **Made in Romania** Manufactured in the EU



Two-unit LED visual system giving pilots white/red cues to hold the correct approach slope to the runway or FATO. Aluminium construction, frangible mounting and aiming adjustment up to 10°.

| CODE | COLOUR |
|---|---|
| **AL-088-30-WH-RE** | **white – red** |
| NUMBER OF LEDS | UNITS PER SYSTEM |
| **30** | **2** |

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

## Technical specifications

| | |
|---|---|
| **Code** | AL-088-30-WH-RE |
| **Colour** | white – red |
| **Number of LEDs** | 30 |
| **Units per system** | 2 |
| **Power consumption** | max. 50 W |
| **DC supply** | 48 V DC from controller, dimmable 100% / 30% / 10% |
| **AC supply** | 110–230 V, 50/60 Hz, non-dimmable |
| **Aiming angle** | up to 10° vertical |
| **Ingress protection** | IP67 |
| **Temperature** | -40 °C ... +55 °C |
| **Humidity** | 0–100% |
| **Packaging** | ISPM 15 crate, 650 × 500 × 1400 mm, 26 kg |

## Features

- High-power LED technology
- Gloss-black RAL 9005 anti-glare visor
- Vertical angle adjustment system
- Mounting flanges with frangible coupling
- Lightweight aluminium alloy construction

## Standards and compliance

- ICAO Annex 14, Vol. 1, Seventh Edition, July 2016
- ICAO Figure A2-23 – PAPI and APAPI intensity distribution
- ICAO Section 5.3.5.30 – chromaticity

## Materials and construction

- Powder-coated aluminium housing, RAL 1004
- Powder-coated aluminium visor, RAL 9005
- Clear polycarbonate diffuser (datasheet)
- Nickel-plated brass cable gland
- Stainless steel fasteners

## Configuration options

- 110–230 V AC, 50/60 Hz, parallel circuit
- 24 V DC supply (per web page)
- 2.8–6.6 A from CCR
- Chrome-plated, stainless steel or plastic cable gland
- Cable length 1 m or 2 m

## Ordering code structure

**AL - 088 - 30 - WH-RE**

| | |
|---|---|
| **AL** | Airfield lighting series |
| **088** | Product indicator |
| **30** | Number of LEDs |
| **WH-RE** | Colour: white – red |

## Compatible accessories

| | |
|---|---|
| **AL-115-AX** | Clinometer |
| **AL-173-AX** | Tripod |

## Applications

**Approach slope guidance at regional and private airfields** · **Heliports – approach to the FATO** · **Hospital and offshore helipads** · **Military airfields**