

AE-HP-PAPI

AIRWAVE ELECTRONICS



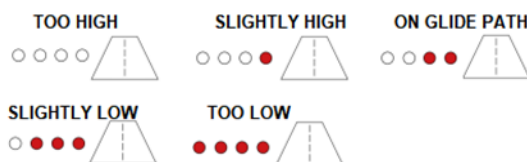
APPLICATION



LED Precision Approach Path Indicator

The LED Precision Approach Path Indicator (PAPI) guides aircraft during the approach to the runway. Red and white lights project wide-angle horizontal beams into the glide slope along the flight path. These are installed adjacent to the runway, and are available as standard four-unit systems or abbreviated two-unit systems.

PAPI Visual Indication (4 units as one system):



APAPI Visual Indication (2 units as one system):



Compliance

ICAO Annex 14 Volume I 9th Edition dated 2022 clauses, 5.3.5.28 – 5.3.5.40, Figure A2-23 Appendix 1, 2.1.1
FAA AC 150/5390-2B Heliport Design Guide

Features

Electrical

- LED as light source, improving power consumption and reducing maintenance requirements. Requires 95% less power than equivalent incandescent light
- Power supply available in AC (110, 240VAC), DC48V or solar power.

Physical

- Uniquely designed polycarbonate lens for converging light, additionally providing corrosion resistance and UV protection.
- UV protection powder-coated bright yellow base provides improved visibility.
- Housing material includes corrosion-resistant stainless steel and protection against shock and vibration.
- Frangible couplings reduce secondary damage to aircraft in case of collision.

Optional

- Clinometer
- Solar power system

AIRWAVE ELECTRONICS

www.gasdetect.com

Shipping: Airwave Electronics Ltd.
Building 1, 6201 46 St, Olds, AB
T4H 1L6

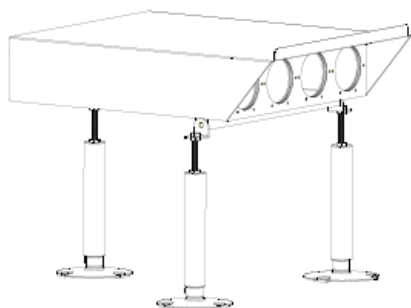
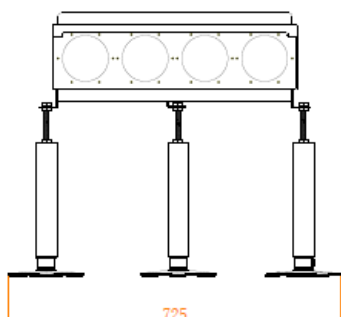
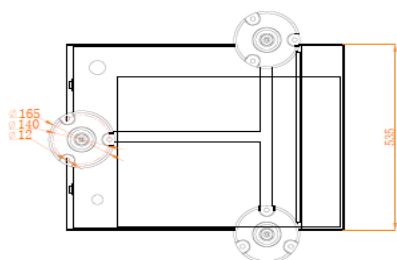
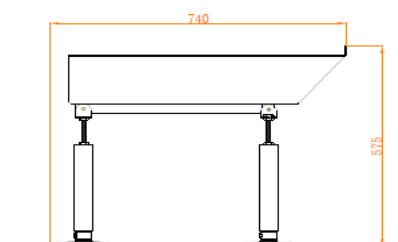
Postal: Airwave Electronics Ltd.
Box 2, Site 18, RR 1
Didsbury, AB T0M 0W0

403-335-9875
Telephone

AE-HP-PAPI



Drawing (mm)



Optional Wireless remote control
for light intensity level:



SPECIFICATIONS

Light Characteristics

Light Source	LED
Available Colors	Red/White
Azimuth range (°)	8°
Working mode	Continuous
Operation Mode	24 hour operation
LED Life Experience (hours)	>100,000

Electrical Characteristics

Operating Voltage	AC220V, DC24V, AC110V, etc
Power (W)	20W*4 (One unit)
Circuit Protection	Integrated

Physical Characteristics

Body Material	Stainless steel 304
Leg material	Die casting aluminum & stainless steel 304
Mounting	140x M10
Dimension (mm)	557x740x535
Weight (kg)	19

Environmental Factors

Ambient Temperature(°C)	-35~80
Humidity	10~90%
Wind Speed	80m/s
Waterproof	IP65

Compliance

ICAO	ICAO, Annex 14th, Volume I, 9th Edition dated 2013, AO Annex 14 Volume II - Figure 5-11 2022, clauses 5.3.5.28 – 5.3.5.40, Figure A2- 23 Appendix 1, 2.1.1
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Options Available

AE-HP-PAPI LED Precision Approach Path Indicator

Solar Power system
Wireless Remote Control