

Portable Airfield Light

AH-PA-EMC



APPLICATION



AH-PA-EMC Portable Airfield Light is specially used on permanent airport/heliport where cable power is not convenient or temporary helipad, especially for medivac and other emergency situations.

Compliance

- ICAO Annex 14 Volume II Heliports 5.3.

Features

Electrical

- Ultra High intensity LED as light source saving power consumption and maintenance, 95% less power than equivalent incandescent light

Physical

- Integrated design, enabling a rugged and completely waterproof seal capable of prolonged and deep immersion (IP67).
- Hard anodizing Aluminum housing ensure good UV resistance, shockproof and corrosion proof, anti-corrosion, salt-spray proof
- Rechargeable lithium ion batter inside for power the LED
- Charging port besides
- Battery status LCD screen on top
- Handle for easy move

System design

- ON/OFF button located beside base

Optional

- Built in photocell
- Wireless remote control (433MHZ, 3KM effective distance)
- NVG - compatible infrared (IR) LED
- Air-to-ground Control(VHF)
- Carry case(Standard for 8 light in one case, others are optional)
- Extra battery Charger station(For Charges up to 12 Lights simultaneously)

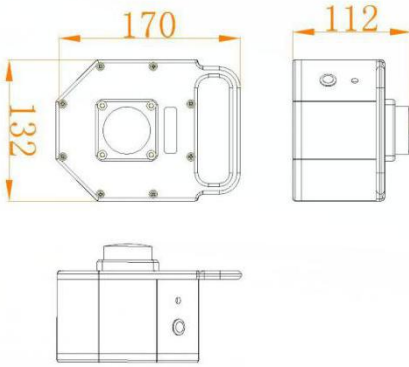
Application

- Airport, Touchdown and Lift- off area (TLOF) , Final Approach and Take- off area (FATO) , Taxiway lighting, Runway edge lighting, Portable or expedited airfield lighting, Threshold lighting
- Helipad taxiway
- Emergency operations

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Dimension



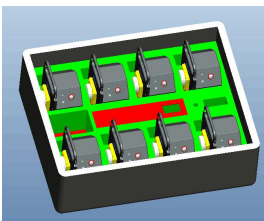
Wireless Remote Controller
(Effective distance 3km,
Frequency: 433MHZ)



Air-to-ground Radio Control(VHF)



Carry case for 8 AH-PA/EMC



SPECIFICATIONS

AH-PA-EMC Portable Airfield Light

Light Characteristics

| | |
|----------------------------|-------------------------------------|
| Light Source | ultra high intensity LED |
| Available Colors | Red, Green, Yellow, White, Blue, IR |
| Flash Characteristics | Steady(Flashing mode is optional) |
| Operation Mode | 24hours working after switched ON |
| LED Life Experience(hours) | >100,000 |

Electrical Characteristics

| | |
|--------------------|------------|
| Operating Voltage | 12 |
| Circuit Protection | Integrated |

Battery Characteristics

| | |
|----------------------|---------------------|
| Battery type | Lithium ion battery |
| Nominal Voltage (V) | 12V/16AH |
| Battery Service Life | Average 3 years |
| Autonomy (hours) | 60hours |

Physical Characteristics

| | |
|-------------------------|-------------------------------|
| Lamb Body Material | Hard anodizing Aluminum Alloy |
| Lens Material | Acrylic |
| Overall Size (mm) | 170×132×112 |
| Weight(kg) | 2.4 |
| Product Life Expectancy | Average 5 years |

Environmental Factors

| | |
|-------------------------|--------|
| Ambient Temperature(°C) | -55~70 |
| Humidity | 0~100% |
| Wind Speed | 80m/s |
| Waterproof | IP67 |

Compliance

| | |
|------|-----------------------------------|
| ICAO | Annex 14 Volume II Heliports 5.3. |
|------|-----------------------------------|

Optional

| |
|------------------------------------|
| Wireless remote control |
| NVG - compatible infrared (IR) LED |
| Charger station (12position) |
| Built-in photocell |
| Air-to-ground Control(VHF) |
| Carry case |