









APPLICATION









LED Helipad Elevated Light

AH-HP-E1

Heliport Elevated light should not exceed a height of 25cm. There is a fragile coupling in the base connection, so if aircraft hit the light by accident, the base will break immediately to avoid more damage.

Compliance

- ICAO Annex 14 Volume II Heliports 5.3.
- FAA AC 150/5390-2B Heliport Design Guide
- CAP 437

Features

Electrical

- LED as light source saving power consumption and maintenance, 95% less power than equivalent incandescent light
- Power supply available in AC(110-240VAC) and DC48V, DC12V and other voltage is optional
- LED power supply board includes short circuit and open circuit protection
- Line surge protection by metal oxide varistor

Physical

- Unique designed polycarbonate lens for converging light and also provides corrosion resistance and UV protection.
- UV protection Powder coated bright yellow color base make better visibility
- Base material is die casting aluminum which has strong corrosion resistance, Shock and Vibrations protection
- Fragile coupling base reduce the secondary damage to helicopters effectively

Optional

- Infrared LED for pilot using NVG(Night Vision Goggles)
- Controller for power supplying and turn ON/OFF light
- VHF pilot to ground remote control

Application

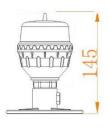
- Helipad/Heliport TLOF edge areas
- Heliport FATO edge
- Helipad Runway edge
- Helipad taxiway edge

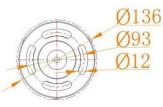


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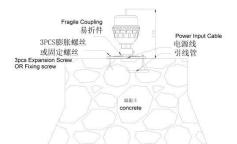
AH-HP-E1

Dimension(unit:mm)





Installation Diagram





Heliport On Desert

SPECIFICATIONS

Light Characteristics

Light Source

Available Colors Intensity(cd) Horizontal Output(degrees) Vertical Divergence(degrees) Flash Characteristics **Operation Mode** LED Life Experience(hours) **Electrical Characteristics Operating Voltage** Power(W) **Circuit Protection Physical Characteristics**

Body Material Base Material Mounting Dimension(mm) Weight(kg) Base Product Life Expectancy **Environmental Factors** Ambient Temperature(°C) Humidity Wind Speed Waterproof Compliance **ICAO**

FAA

Options Available

AH-H-E1 LED Heliport Elevated Light

Ultra high intensity LED Green, Yellow, White, Red, Blue ≥50cd 360 ≥10 Steady burning 24hours operation >100,000

DC48V and AC(110-240VAC), DC12V

Integrated

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UV protected Polycarbonate Powder-coated Die-casting aluminum 93×93×12 136×136×145 0.85 Frangible coupling Average 5 years

-55~70 10~90% 80m/s IP66

ICAO Annex 14 Volume II Heliports 5.3 FAA AC 150/5390-2B Heliport Design Guide

Infrared LED compatible for NVG (Night Vision Goggles) Dimming mode VHF Pilot to Ground Remote Control