



APPLICATION



LED Heliport-Helideck Elevated Light

AL-HP-E

AL-HP-E Serial Heliport Elevated lights should not exceed a height of 25cm for Surface-level and Elevated heliports, not exceed a height of 15 cm for helideck. There is a fragile coupling in the base connection for heliport so if aircraft hit the light by accident, the base will break immediately to avoid more damage. The lights could be used as FATO light, TLOF lights, Taxiway lights.

Compliance

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

Features

Electrical

- High-intensity CREE 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

Physical

- Unique designed Glass lens for converging light
- Powder coated bright yellow color base make better visibility
- Base material is die casting aluminum which has strong corrosion resistance, Shock and Vibrations protection

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
- Light intensity adjustable

Application

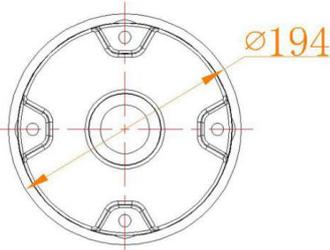
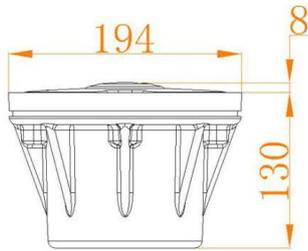
- Surface-level and Elevated heliports
- Helideck Shipboard heliports



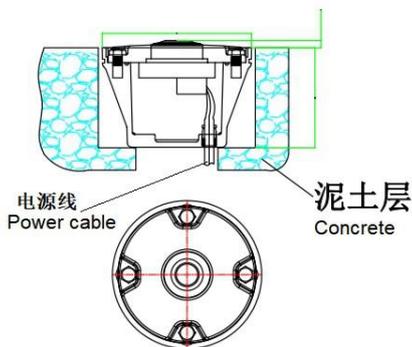
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AL-HP-E

Dimension



Installation



Heliport Lighting on roof of building



SPECIFICATIONS

AL-HP-E Serial LED Heliport-Helideck Elevated Light

Light Characteristics

Light Source	LED
Available Colors	Green, Yellow, White, Red, Blue, IR
Intensity(cd)	ICAO standard
Horizontal Output (degrees)	360
Vertical Divergence (degrees)	ICAO standard
Flash Characteristics	Steady burning
Operation Mode	24hours operation
LED Life Experience (hours)	>100,000

Electrical Characteristics

Operating Voltage	DC(12-48VDC) or AC(110-240VAC)
Power(W)	5
Circuit Protection	Integrated

Physical Characteristics

Body Material	UV protected Polycarbonate
Base Material	Powder-coated Die-casting aluminum
Mounting	140x140x12(Installed on heliport) 112x112x12(Installed on helideck)
Dimension(mm)	190x165x166 (Installed on heliport) 173x133x102(Installed on helideck)
Weight(kg)	1.9 or 1.5
Product Life Expectancy	≥10 years

Environmental Factors

Ambient Temperature(°C)	-55~70
Humidity	10~90%
Wind Speed	80m/s
Waterproof	IP66

Compliance

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

Options Available

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