

LED Heliport Beacon

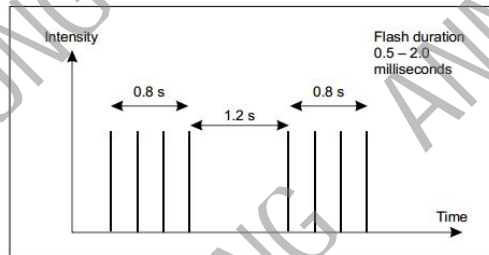
AH-HP-B2



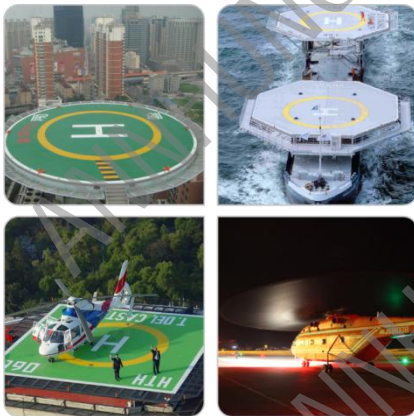
A heliport beacon should be provided at a heliport where long-range visual guidance is considered necessary and is not provided by other visual means; or identification of the heliport is difficult due to surrounding lights.

The heliport beacon shall be located on or adjacent to the heliport preferably at an elevated position and so that it does not dazzle a pilot at short range.

AH-HP-B2 flashes white color 4 times/0.8second and stop for 1.2s, then start new circle for 2seconds(0.8s+1.2s).



APPLICATION



Compliance

- ICAO Annex 14 Volume II Heliports 5.3.2
- 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 DC(12, 48VDC) or AC(110-240VAC)

Physical

- Clear 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

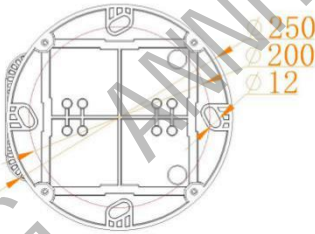
Optional

- Controller for power supplying and turn ON/OFF light
- VHF pilot to ground remote control

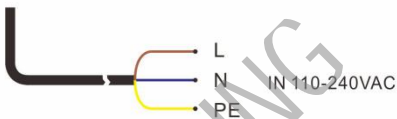
Application

- Helipad/Heliport/Helideck

Dimension(mm)



Wiring diagram



SPECIFICATIONS

AH-HP-B2 LED Heliport Beacon

Light Characteristics

Light Source	LED (IR is optional)
Available Colors	White
Intensity(cd)	≥2500cd
Horizontal Output(degrees)	360
Vertical Divergence(degrees)	10
Flash Characteristics	Morse code "H"
Operation Mode	24hours operation
LED Life Experience(hours)	>100,000

Electrical Characteristics

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

Physical Characteristics

Body Material	UV protected Polycarbonate
Base Material	Powder-coated Die-casting aluminum
Mounting	200×200×Ø12
Dimension(mm)	250×250×250
Weight(kg)	3.5
Product Life Expectancy	≥10years

Environmental Factors

Ambient Temperature(°C)	-35~80
Humidity	10~90%
Wind Speed	80m/s
Waterproof	IP66

Compliance

ICAO	ICAO Annex 14 Volume II Heliports 5.3.2
FAA	FAA AC 150/5390-2B Heliport Design Guide

Options Available

VHF Pilot to Ground Remote Control
Solar Powered System