

















APPLICATION









LED Heliport Surface Flood Light AH-HP-F1

LED Surface Heliport Flood Light is used for illuminate the whole heliport area at night. It is specially designed for helipads, providing glare-free, uniform surface lighting for landing and loading activities. LED Surface Floodlights improve pilot depth perception by reflecting the surface of the helipad, allowing pilots to better estimate their altitude during landing.

Compliance

- ICAO Annex 14 Volume | Heliports 5.3.9
- FAA AC 150/5390-2B Heliport Design Guide

Features

Electrical

- High intensity, energy efficient LED, glare-free floodlight
- Period of LED Life ≥ 100,000 hours
- Power supply available in AC(110-240VAC), DC48V, DC12V, etc.
- Ultra-efficient LED reduce power consumption

Physical

- The enclosure is made out of stainless steel powder coated in electrostatic field, ensure it have good weather resistance
- The assembly has a low profile of less than 25cm and mounts to frangible point
- Specially custom lens optic designed specifically for helipad operation
- The angle of tilt of the luminaire is easily adjusted to maximise heliport illumination

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
- Marine treated

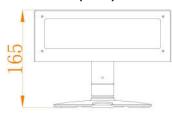
Application

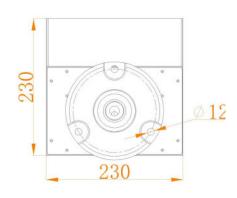
- Helipad/Heliport TLOF areas
- Heliport FATO ares
- Helipad Runway
- Helipad taxiway
- Aiming point light



LED Heliport Surface Flood Light AH-HP-F1

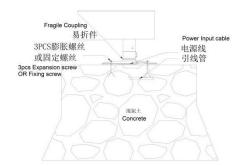
Dimension(mm)







Installation Diagram



SPECIFICATIONS AH-HP-F1 LED Heliport Surface Flood Light

Light Characteristics

Light Source
Emitting Color
Luminous efficiency:
Flash Characteristics
Operation Mode

LED Life Experience(hours)

Electrical Characteristics

Operating Voltage Power(W)

Physical Characteristics

Enclosure Material
Overall size(mm)
Installation size(mm)
Weight(kg)

Product Life Expectancy

Environmental Factors

Ambient Temperature(℃) Humidity Wind Speed Waterproof

Compliance

ICAO

Options Available

CREE Ultra high intensity LED

White 120lm/W

Steady burning 24hours operation >100,000

110-240VAC, 48VDC, 24VDC or others

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Powder Coated Stainless Steel

 $230 \times 230 \times 165$ $140 \times 140 \times 12$ 2.4

Average 5 years

-55~70 0~100% 80m/s IP66

ICAO Annex 14 Volume II Heliports 5.39

Infrared LED compatible for NVG (Night

Vision Goggles) Marine Treated

VHF pilot to ground remote control

Wiring

