

Heliport FATO Aiming Point Light is used for night operation. To use omnidirectional white light lighten the heliport aiming point markings/ FATO area. HL-100 flush helipad light proved to be reliable quality and installed at rooftop, surface ground, ships, etc worldwide.

Applications:

- Flush mounted FATO edge lights by ICAO standards.
- Aiming point lights
- Flight path alignment lights
- Approach lights

Compliant:

- ICAO Annex 14, Volume II, 4th Edition, July, 2013

Why HL-100:

- Flush type, lens above the grade only 15mm after installations.
- Ingress protection rating IP68.
- Fixture can be used with 90V~265V AC, 50Hz or 60Hz.
- Impact&corrosion resistant lens ensure outdoor operation performance.
- Unique optical lens design exceed ICAO required optical performance.
- Consist of internal cap and external mounting base(base can).
- Reserved glands/cables at bottom base 1 in-1 out, easy installations.

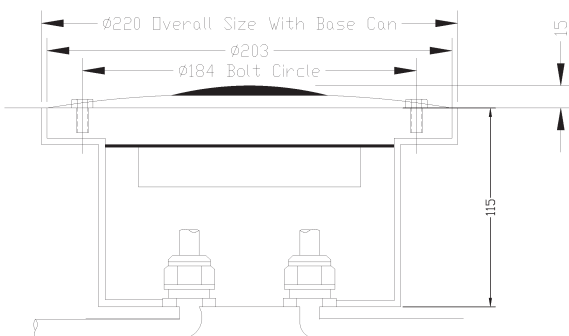
Optical Characteristics:

Elevation angle	Azimuth	Light Intensity
30°	-180° to 180°	>10cd
25°	-180° to 180°	>50cd
20°	-180° to 180°	>100cd
10°	-180° to 180°	>100cd
3°	-180° to 180°	>100cd
0°	-180° to 180°	>10cd

Electrical Characteristics:

- Power by 90V to 265V AC, or others by required.
- <20W power consumption.
- Green color LED light source 100,000 hours lifetime.
- Dimming of brightness function available with customized controller.
- Switchable dual colors is available with customized controller.
- VHF control with customized controller.

Drawings:



Physical Characteristics:

- Die-casting aluminum bodys.
- All hardwares shall be stainless steel.
- Powder coating finish for the light.
- Impact&Corrosion resistant polycarbonate lens.
- Sealed&protected,ingress grade rating IP68.
- Diameter standard 8"/20.32cm,bolt circle 7.25inch/18.42cm.
- ø22cm external size with base can, 13cm in height.
- 5.2KG net weight.

Environmental:

- Operating at -30°C to 70 °C.
- Wind speed: 80m/s.

Ordering codes:

Type	Output	Lamp	Mounting&Options
HL-100	W: White B: Blue R: Red G: Green Y: Yellow IR: Infrared	AC: 100/250V DC: 10/30V	Standard ¹ VB: Variable brightness ² SC: Switchable dual color ³ NVG: NVG Compatibility ⁴

¹ Standard type default include with mounting base already.

² Variable brightness, 3 level brightness controlled.

³ Switchable dual colors, omnidirectional, manual switch to Red/OFF/Green to realize a signal for pilots "Red" close to landing and "Green" available to land.

⁴ For Night Vision Goggles (NVG), combining normal color LED with infrared LEDs to render light visible in NVG and without NVG.

