

Heliport FATO Aiming Point Light is used for night operation. To use omnidirectional white light lighten the heliport aiming point markings/ FATO area.

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.
- Fixture can be used with 90V~250V AC, 50Hz or 60Hz.
- Marine treated lamp upper body anodized available.
- Base can is integrated in the light, no need additional purchase cost.
- Ingress protection rating IP68
- Available 2 cables out from the base can.
- Seal components has options for heat or salt-fog environment.

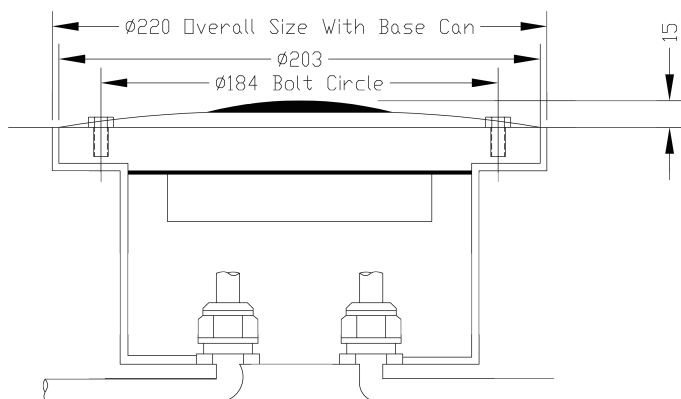
Optical Characteristics:

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

Electrical Characteristics:

- Power by 90V to 250V AC, or 10V to 30V DC.
- 20 W power consumption.
- White color LED light source 50,000 hours lifetime.
- Dimming of brightness function available with PLUSAFE controller.
- Switchable dual colors is available with PLUSAFE controller.

Drawings:



Physical Characteristics:

- Die-casting aluminum body and base can.
- All hardwares shall be stainless steel.
- Powder coating finish for body and base can.
- Impact resistant polycarbonate lens cover.
- Sealed by rubber O ring.
- Diameter standard 8"/20.32cm, bolt circle 7.25inch/18.42cm.
- ø22cm external size with base can, 13cm in height.
- 5.5KG net weight.

Environmental:

- Operating at -40°C to 60 °C.
- Wind speed: 80m/s.

Ordering codes:

Type	Output	Lamp	Treatment
HL-100	W: White B: Blue R: Red G: Green Y: Yellow	AC: 100/250V DC: 10/30V VB: Variable brightness ¹ SC: Switchable dual color ²	MT ³

¹ Variable brightness, 3 level brightness controlled.

² 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.

³ MT marine treated lamp body will use aluminum anodized treatment. Base can is still casting aluminum and powder coating finish.