

HL-50 LED 8" Flush Heliport Perimeter Inset Light

Heliport Perimeter Light is used for night operation, to use omnidirectional green perimeter light lighten the heliport TLOF/FATO edge area.

Applications:

- Flush mounted marking edge of FATO area or TLOF area
- Flight path alignment lights
- Landing direction lights
- Taxiway edge lights-blue

Compliant:

- ICAO Annex 14, Volume II, 4th Edition, July, 2013
- FAA AC150/5390-2C
- Exceeds FAA Engineering Brief 87 Specifications

Why HL-50:

- 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.

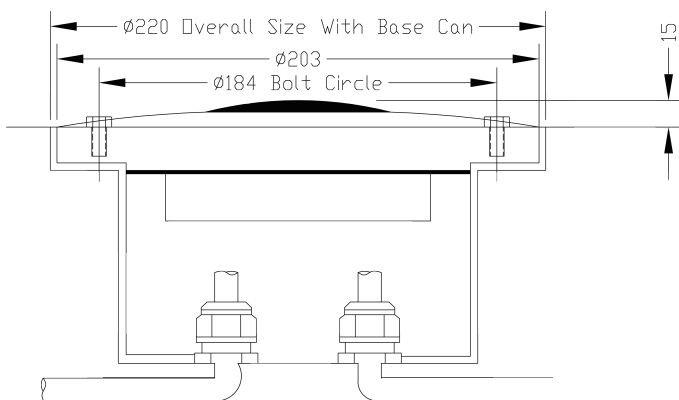
Optical Characteristics:

Elevation angle	Azimuth	Light Intensity
20° to 90°	-180° to 180°	>3cd
13° to 20°	-180° to 180°	>8cd
10° to 13°	-180° to 180°	>15cd
5° to 10°	-180° to 180°	>30cd
2° to 5°	-180° to 180°	>15cd

Electrical Characteristics:

- Power by 90V to 250V AC, or 10V to 30V DC.
- 20 W power consumption.
- Green 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-50	G: Green B: Blue R: Red W: White 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 alluminum anodized treatment. Base can is still casting aluminum and powder coating finish.

