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AviaSafe

IN-TE

LED Inset Taxiway Edge Light



- IP68: Dust-tight and protected against submersion in water.
- Designed with few mechanical parts, resulting in a more affordable price and allowing for longer maintenance intervals.
- Fully dimmable lights. The light output is variable, similar to a traditional halogen light, operating within the 2.8 A to 6.6 A range.
- Low protrusion, Style 3 inset light fixtures.
- The electronics are fully encapsulated.
- Optimized LED performance ensures there are no visual flickers.
- The Dome is designed with no negative slope in front of the prism.
- Built-in voltage surge and lightning protection.

INSTALLATION

Light fixture can be installed in 8-inch Shallow Base & Deep Base , or 12-inch bases by an Adaptor Ring.

Refer to the user manual DC-MN-IN-R-08

COMPLIANCE

- ICAO** Annex 14 - Volume I
- FAA** AC150/5345-46 & EB No.67D
- EASA** CS-ADR-DSN
- IEC** TS 61827
- NATO** STANAG 3316
- CAA** CAP 168
- IAAE** TP312

APPLICATIONS

- Taxiway Edge

FEATURES & BENEFITS

- LED Omnidirectional 8"
- Average LED life of 60,000 hours at full intensity but over 100,000 hours in typical operating conditions.
- Very low energy consumption compared to halogen lights, resulting in a lower range of CCRs and transformers.
- Low life cycle costs due to the long LED lifespan.
- Operates on 3-step or 5-step ferroresonant or thyristor CCRs.
- In compliance with FAA & EASA standards.
- Fully compatible with existing Airfield Lighting infrastructure. Installation on the same mounting device as most conventional lights for a straightforward replacement.

ENVIRONMENTAL CONDITIONS

Temperature: -45 °C to +55 °C
-49 °F to +131 °F
Humidity: Up to 100%

DIMENSIONS & WEIGHT

Diameter: 214 mm
Depth: 106 mm
Weight: 3 kg

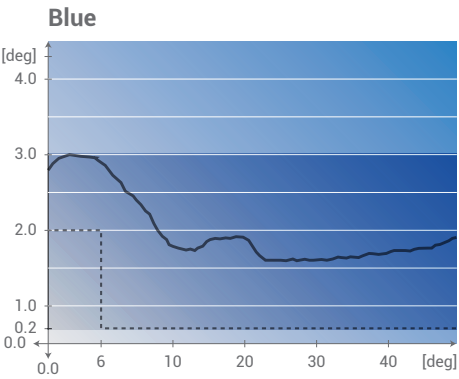
COMPONENTS

- 01. Prism
- 02. Prism Gasket
- 03. Dome (Upper Cover)
- 04. O-Ring for dome
- 05. Prism Washer
- 06. Optical Lens
- 07. LED Module
- 08. LED holder
- 09. Lower cover with electronic
- 10. Valve for Watertightness Test
- 11. Cable Gland
- 12. Lower cover gasket
- 13. Plug

Refer to the user manual
DC-MN-IN-TE-08

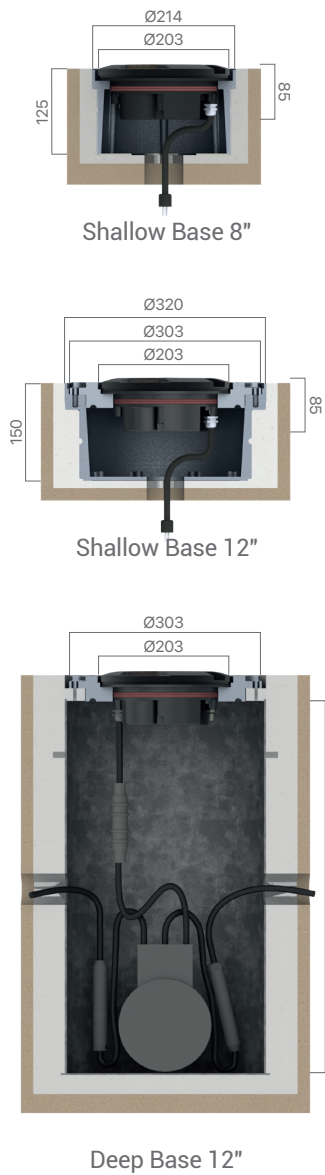


PHOTOMETRIC PERFORMANCE



ELECTRICAL TABLE			
TYPE	Consumption at 6.6A	Power Factor	
	1 Plug	2.8A	6.6A
Omnidirectional 8" - 12" Without Arctic Kit	8 VA	0.96	0.98
Omnidirectional 8" with Arctic Kit	28 VA	0.96	0.98

INSTALLATION SECTION



8" Inset Light Type for Taxiway Edge

Monitoring

- M : With Monitoring
- Q : Without Monitoring

Heater

- H : With Heater
- C : Without Heater

Mounting Assembly

- N : No Mounting Assembly
- R : With Adaptor Ring (8" - 12")

IN-TE M H R