



- Fully dimmable light, the light output is like the curve of traditional halogen lights.
- Low protrusion, Style 3 inset light fixtures
- The electronics are fully encapsulated
- Optimized LED performance show no visual flicker
- Built-in voltage surge and lightning protection
- The Dome designed with no negative slope in front of the prism

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*

ENVIRONMENTAL CONDITIONS

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

COMPLIANCE With

ICAO	Annex 14 - Volume I
EASA	CS-ADR-DSN
FAA	L852T AC15046-5354/ and EB No.67
IEC	TS 61827
NATO	STANAG 3316
CAA	CAP 168
TCCA	TP312
CASA	Manual of Standards Part 139

APPLICATIONS

- Taxiway Edge

FEATURES & BENEFITS

- LED Omni-directional 8"
- LED lamp's lifespan depending on operating conditions is about 50,000 to 100,000 hours or 5 to 10 years.
- Low energy consumption compare to the Halogen types, which means lower loads, lower range of CCRs and transformers.
- Operates on 3 or 5 steps ferroresonant or thyristor CCRs are in compliance with IEC or FAA standards.
- Full compatibility with existing airfield lighting infrastructure. Installation on same mounting device as most conventional lights, for a straightforward replacement.
- IP68 : Dust-tight & protected against submersion in water
- Designed with few mechanical parts which make it easier, cheaper and allowing longer intervals to maintenance

DIMENSIONS & WEIGHT

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

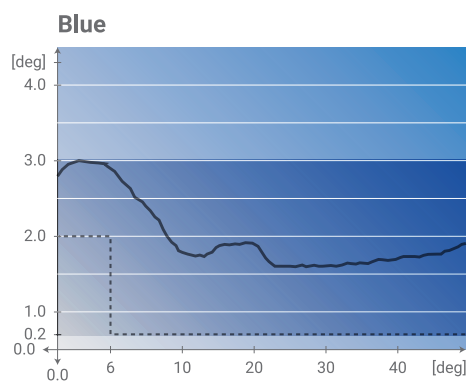
COMPONENTS

- 1 : Prism
- 2 : Prism Gasket
- 3 : Dome (Upper Cover)
- 4 : O-Ring for dome
- 5 : Prism Washer
- 6 : Optical Lens
- 7 : LED Module
- 8 : LED holder
- 9 : 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

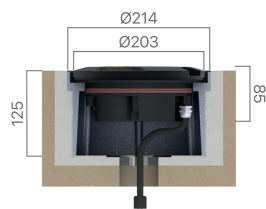


PHOTOMETRIC PERFORMANCE

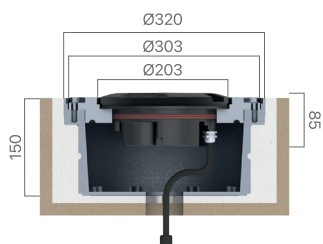


ELECTRICAL TABLE			
TYPE	Consumption at 6.6A	Power Factor	
	1 Plug	2.8A	6.6A
Omnidirectional 8" - 12" (w/o Arctic Kit)	8 VA	0.96	0.98
Omnidirectional 8" (with Arctic Kit)	28 VA	0.96	0.98

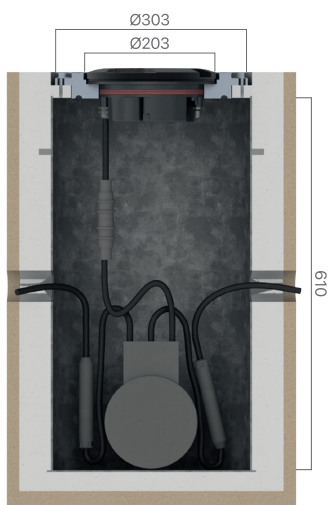
INSTALLATION SECTION



Shallow Base 8"



Shallow Base 12"



Deep Base 12"

8" Inset Light **Type**
for Taxiway Centerline & Stop bar

Monitoring

- **M** : with Monitoring
- **Q** : without Monitoring

Heater

- **H** : White Heater
- **C** : without Heater

Mounting Assembly

- **N** : No mounting assembly
- **R** : with Adaptor Ring (8" - 12")

IN-TE **M** **H** **R**

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