



- 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 12-inch Shallow Base & Deep Base.

**refer to the user manual DC-MN-IN-12*

ENVIRONMENTAL CONDITIONS

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

DIMENSIONS & WEIGHT

- **Diameter:** 304 mm
- **Depth:** 106mm
- **Weight:** 9.1 kg

COMPLIANCE With

ICAO	Annex 14 - Volume I
EASA	CS-ADR-DSN
FAA	L-850E(L) AC150/5345-46 and EB No.67
IEC	TS 61827
NATO	STANAG 3316
CAA	CAP 168
IAAE	TP312

APPLICATIONS

- Runway Threshold/End

FEATURES & BENEFITS

- LED Bidirectional 12"
- 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

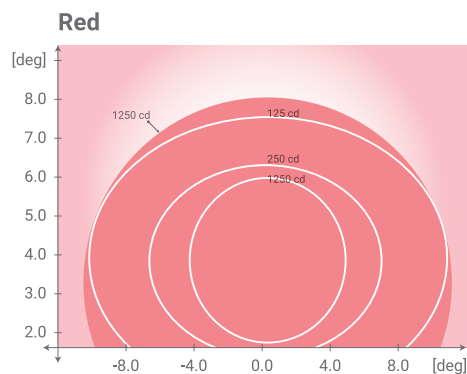
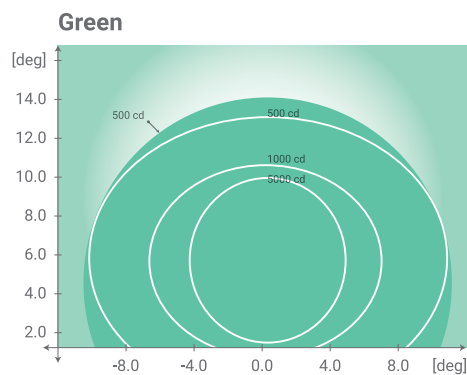
COMPONENTS

- 1 : Dome (Upper Cover)
- 2 : O-Ring for dome
- 3 : O-Ring for lower cover
- 4 : Prism
- 5 : Prism Gasket
- 6 : Prism Holder Gasket
- 7 : Prism Holder
- 8 : Optical Lens
- 9 : LED module
- 10 : Heat Sink
- 11 : Lower cover with electronic
- 12 : Valve for watertightness test
- 13 : Cable Gland
- 14 : Plug

*Refer to the user manual DC-MN-IN-12



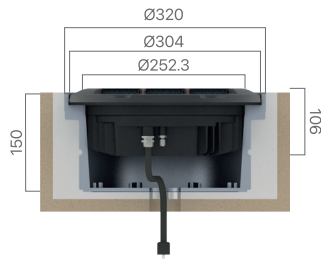
PHOTOMETRIC PERFORMANCE



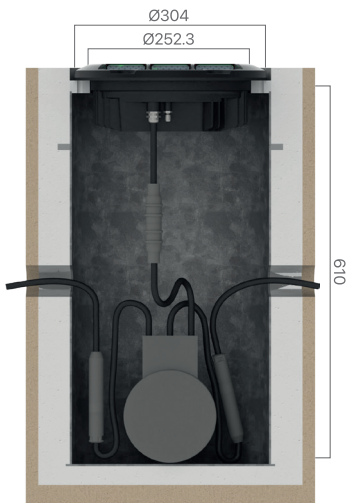
ELECTRICAL TABLE

TYPE	Consumption at 6.6A		Power Factor	
	1 Plug	2 Plugs	2.8A	6.6A
Unidirectional (w/o Heater Kit)	-	-	0.96	0.98
Unidirectional (with Heater Kit)	-	-	0.96	0.98
Bidirectional (w/o Heater Kit)	54 VA	54 VA	0.96	0.98
Bidirectional (with Heater Kit)	94 VA	134 VA	0.96	0.98

INSTALLATION SECTION



Shallow Base 12"



Deep Base 12"

12" Inset Light Type For Runway Threshold/End

Color

- **GR** : Green/Red (Bi-directional)
- **G0** : Green/Blank (Uni-directional)
- **R0** : Red/Blank (Uni-directional)

Toe-in

- **S** : Straight
- **L** : Left
- **R** : Right

Cable & Connectors

- **1P** : One Plug
- **2P** : Two Plugs

Monitoring

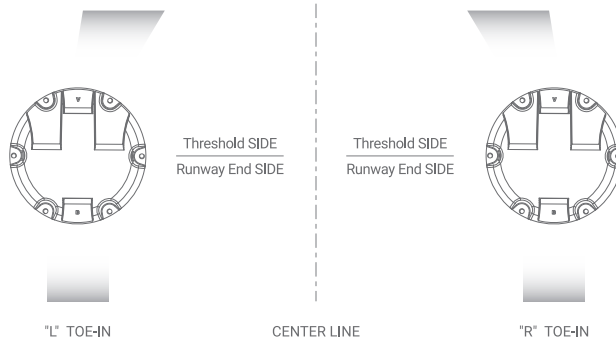
- **M** : with Monitoring
- **Q** : without Monitoring

Heater

- **H** : with Heater
- **C** : without Heater

IN-RS GR S 1P M H

THRESHOLD



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