



- 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:** 8.5 kg

COMPLIANCE With

CAO	Annex 14 - Volume I
EASA	CS-ADR-DSN Fig. U-5, U-6
IEC	TS 61827
NATO	STANAG 3316
CAA	CAP 168
IAAE	TP312

APPLICATIONS

- Approach (centreline and crossbars)
- Approach Side Row Barrettes
- Threshold Wing Bar

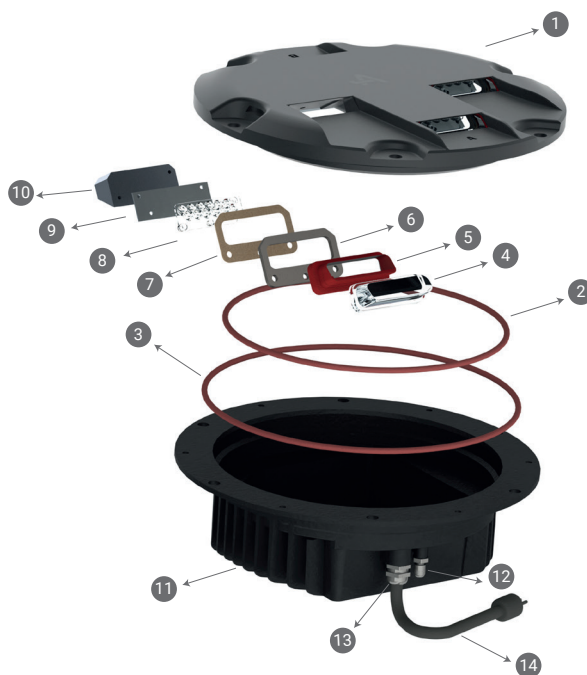
FEATURES & BENEFITS

- LED Unidirectional 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

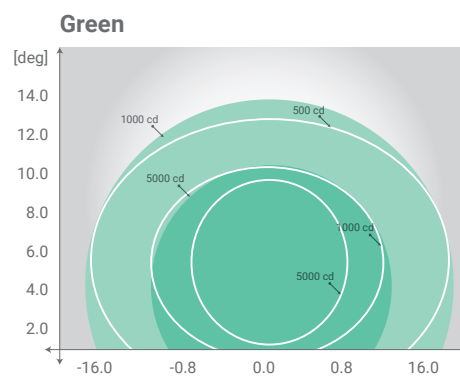
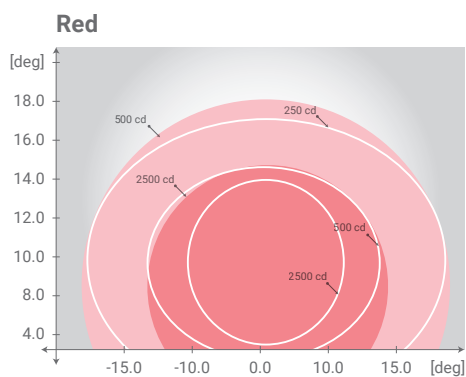
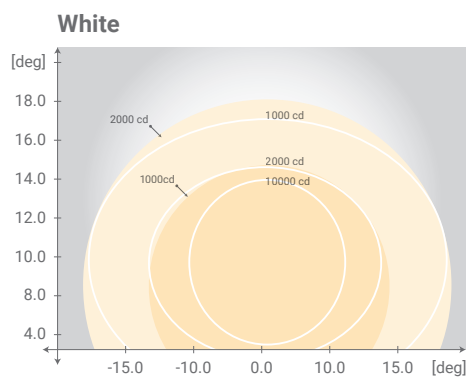
COMPONENTS

- 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

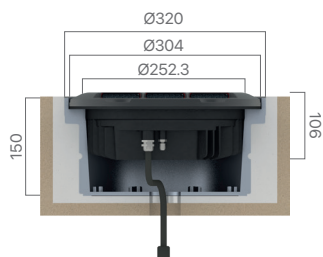
*Refer to the user manual DC-MN-IN-12



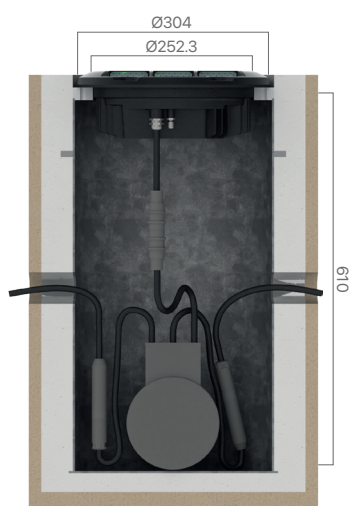
PHOTOMETRIC PERFORMANCE



INSTALLATION SECTION



Shallow Base 12"



Deep Base 12"

ELECTRICAL TABLE

TYPE	Consumption at 6.6A	Power Factor	
	1 Plug	2.8A	6.6A
Approach White (w/o Heater)	73 VA	0.96	0.98
Approach White (with Heater)	113 VA	0.96	0.98
Approach Red (w/o Heater)	61 VA	0.96	0.98
Approach Red (with Heater)	101 VA	0.96	0.98
Threshold Wing Bar (w/o Heater)	73 VA	0.96	0.98
Threshold Wing Bar (with Heater)	113 VA	0.96	0.98

IN-AP AC W S M H

12" Inset Light Type For Approach & Wing Bar

Application

- **AC** : Approach Centerlines, Cross Bars
- **AS** : Approach Side Rows
- **WB** : Wing Bar

Color

- **W** : White (AC)
- **R** : Red (AS)
- **G** : G (WB)

Toe-in

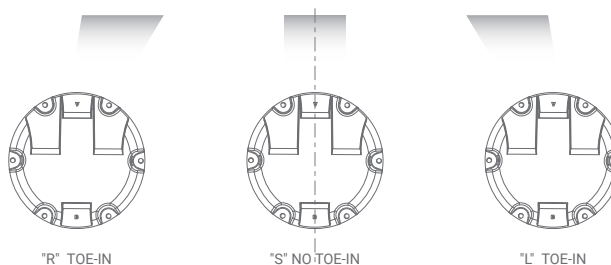
- **S** : Straight
- **L** : Left
- **R** : Right

Monitoring

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

Heater

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



THRESHOLD