



- 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%

COMPLIANCES With

ICAO	Annex 14 - Volume I
EASA	CS-ADR-DSN
FAA	L850-A-T(L) AC46150/5345- and EB No.67
IEC	TS 61827
NATO	STANAG 3316
CAA	CAP 168
TCCA	TP312
CASA	Manual of Standards Part 139

APPLICATIONS

- Touchdown Zone

Features and Benefits

- LED Unidirectional 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 and Weight

Diameter: 214 mm

Depth: 106mm

Weight: 3.7 kg

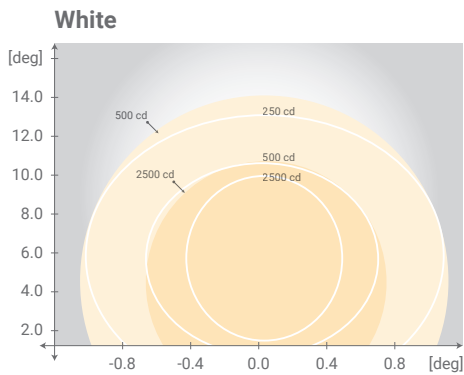
Components

- 1 : Dome (Upper Cover)
- 2 : O-Ring for dome
- 3 : Prism Gasket
- 4 : Prism
- 5 : Prism holder gasket
- 6 : Prism holder
- 7 : Reflector and Led Module
- 8 : Bracket
- 9 : Lower cover with electronic
- 10 : Lower cover gasket
- 11 : Gland
- 12 : Plug

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

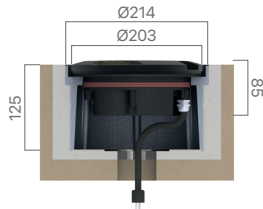


PHOMETRIC PERFORMANCE

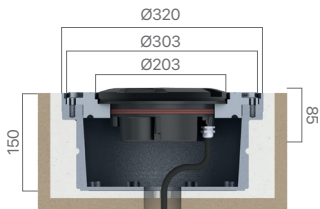


ELECTRICAL TABLE				
TYPE	Consumption at 6.6A		Power Factor	
	1 Plug	2.8A	6.6A	
Unidirectional (w/o Arctic Kit)	16 VA	0.96	0.98	
Unidirectional (with Arctic Kit)	36 VA	0.96	0.98	

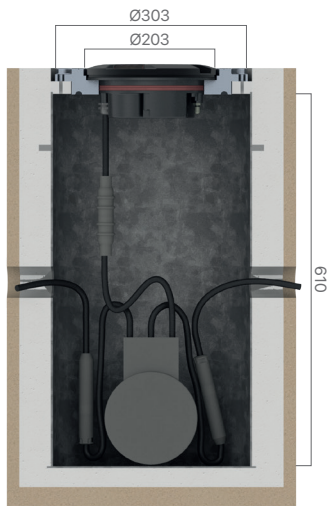
INSTALLATION SECTION



Shallow Base 8"



Shallow Base 12"



Deep Base 12"

Inset Light Type
for Runway Touchdown Zone

Toe-in

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

Monitoring

- M : with Monitoring
- Q : without Monitoring

Heater

- H : with Heater
- C : without Heater

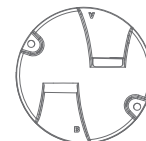
IN-RD S M H

THRESHOLD



"R" TOE-IN

CENTRELINE



"L" TOE-IN