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- 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 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: 106 mm

Weight: 8.3 kg

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

- Runway Gaurd

FEATURES & BENEFITS

- LED Unidirectional 12"
- 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.



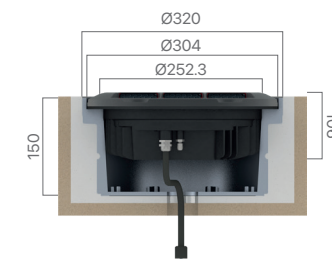
MAIN COMPONENTS OF THE LIGHT UNIT

- 01. Dome (Upper Cover)
- 02. Prism Gasket
- 03. Prism
- 04. Prism holder gasket
- 05. Prism holder
- 06. TIR
- 07. LED PCB
- 08. Heatsink
- 09. O-Ring for dome (internal)
- 10. O-Ring for lower cover
- 11. Lower cover with electronics
- 12. Gland with accessories
- 13. Valve for watertightness test
- 14. Plug(lead wire)

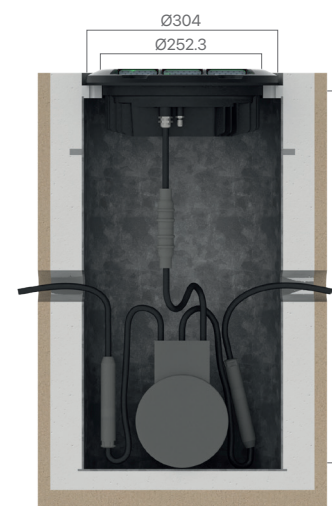


ELECTRICAL TABLE				
TYPE	Consumption at 6.6A		Power Factor	
	1 Plug	2.8A	6.6A	
Unidirectional Without Heater	75 VA	0.96	0.98	
Unidirectional With Heater	35 VA	0.96	0.98	

INSTALLATION SECTION



Shallow Base 12"



Deep Base 12"

12" Inset Light Type for Runway Guard

Monitoring
Q : Without Monitoring
M : With Monitoring

Heater
C : Without Heater
H : With Heater

IN-RG - M - C

SHIPPING WEIGHTS & VOLUMES

	Light Unit	Shallow Base
Weight(kg)	8.3	7.3
Volume(m ³)	0.022	0.022