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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.
- The electronics are fully encapsulated.
- Optimized LED performance ensures there are no visual flickers.
- Built-in voltage surge and lightning protection.

INSTALLATION

The fixture can be installed on a baseplate or pipe elbow.

Refer to the user manual DC-MN-IN-EL

ENVIRONMENTAL CONDITIONS

Temperature: -55 °C to +55 °C

-67 °F to +131 °F

Humidity: Up to 100%

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

APPLICATIONS

- Approach Centerline & Cross Bars & Side Rows
- Threshold & Wing Bars
- Runway End
- Stop Bars

FEATURES & BENEFITS

- LED Unidirectional Elevated Light.
- 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.

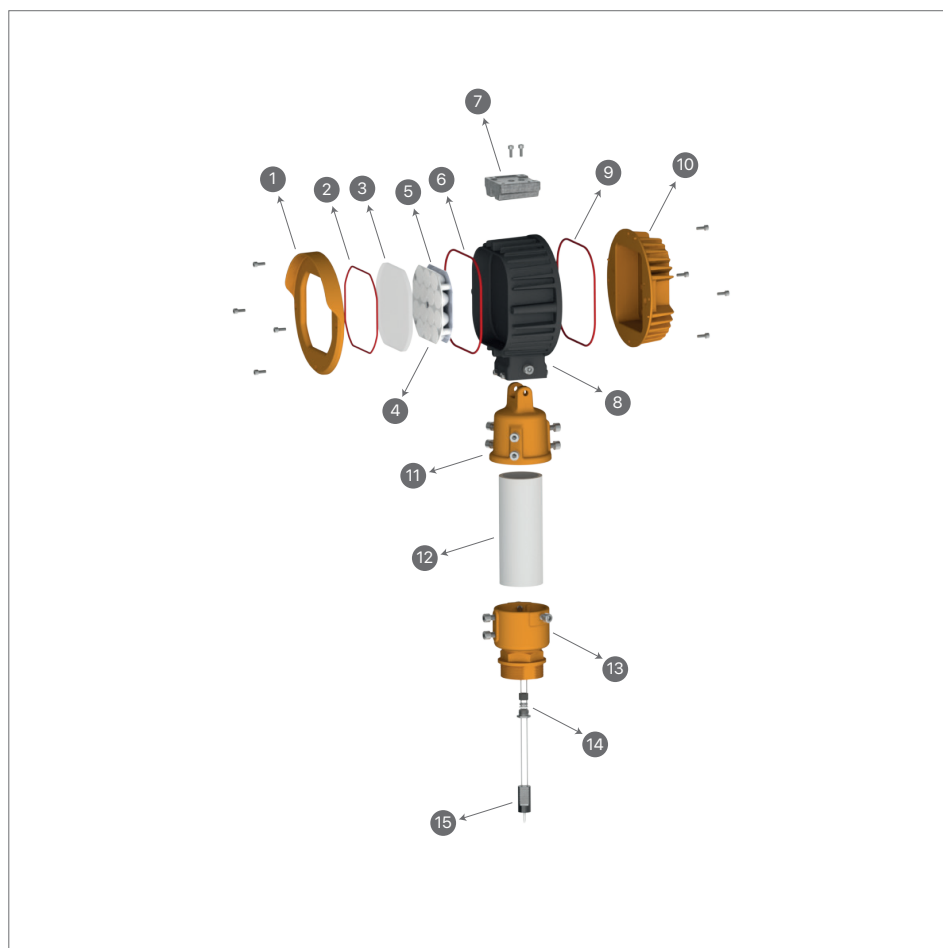
VOLUME & WEIGHT

Weight: 3.9 Kg

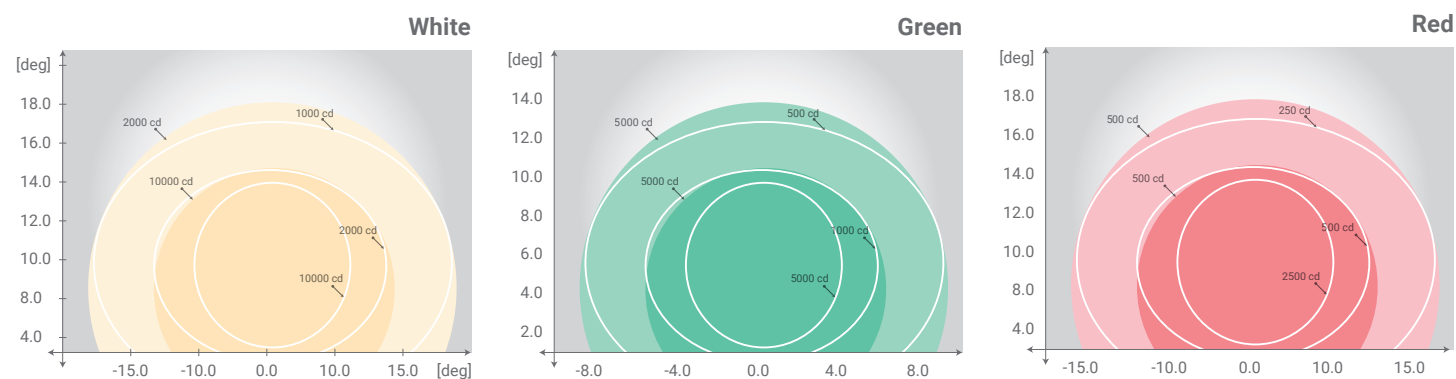
Volume(m³): 0.009

MAIN COMPONENTS OF THE LIGHT UNIT

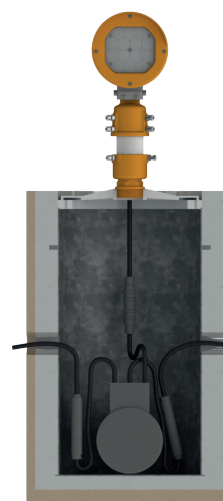
1. Front Body
2. O-Ring
3. Front Glass
4. TIR
5. LED PCB
6. O-Ring
7. Aiming Device
8. LED Module
9. O-Ring
10. Back Body
11. Aiming Support
12. Pipe (OD60 mm)
13. Breakable Coupling
14. Gland with Accessories
15. Lead Wire



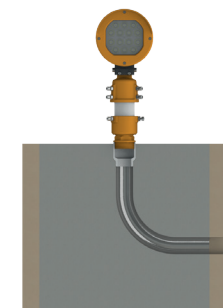
PHOTOMETRIC PERFORMANCE



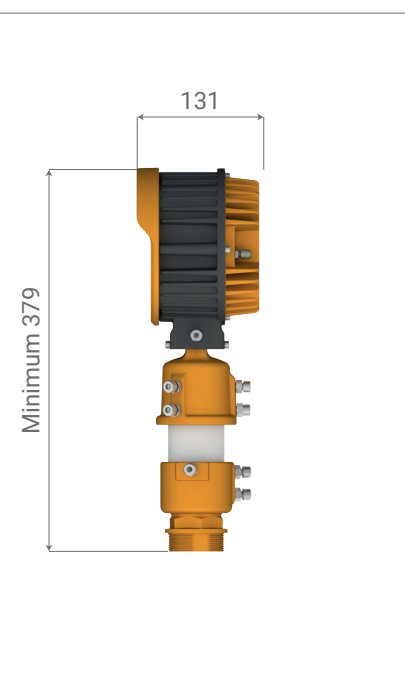
INSTALLATION SECTION



Deep Base 12" and Base Plate



Pipe Elbow



EL-AP - C - Q - C

Basic P/N

Use Code: (Refer to Table A)

Monitoring

Q: Without Monitoring
M: With Monitoring

Heater

C: Without Heater
H: With Heater

ELECTRICAL TABLE

TYPE	Consumption at 6.6A	Power Factor	
		2.8A	6.6A
Light White (w/o Heater)	38 VA	0.96	0.98
Light White (with Heater)	53 VA	0.96	0.98

TABLE A

CODE	USE	COLOR
C	Approach centreline and crossbars	WHITE
R	Approach side row	RED
T	Threshold	GREEN
W	Threshold wing bar	GREEN
E	Runway end	RED
S	Stop bar	RED