

CM-11 100cd Low Intensity Obstruction lights

Application

Widely used in various fields of the air force, civilian airports and obstacle free airspace, helipads, iron tower, chimney, ports, wind power plants, bridge and city high-rise building where require aviation warning.

Key Feature

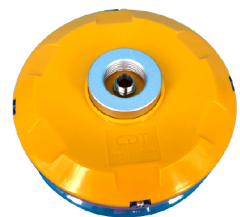
- Using multiple optical design of parabolic curve, point of view, the more accurate visual range further.
- Built-in LED constant current protection circuit, stable work.
- UV - resistant PC material lamp shade, more than 95% transparency, adapt to different environment.
- Flammability level of UL94V0, applicable to various industrial situations.
- Using Fresnel lens optical design, range further.
- Light source adopts LED with long lifespan up to 100,000hrs, lower power consumption and high efficiency.
- The circuit of the light has surge protection whose lightning proof ability is In 7.5KA/5 times, I_{max} 15KA so that the light is suitable to harsh environment.
- 304 Stainless Steel Brackets
- Integral structure, protection lever of IP65.



Obstruction lights with bracket



Main Obstruction lights



Back of Obstruction lights

Order Code

Part Number	Input Power
CM-11-100S 100cd Steady-on Low intensity Obstruction lights	AC90V-AC240V
CM-11-100F 100cd Flashing low intensity obstruction lights	AC90V-AC240V

If need DCV power, Please request.

CM-11 Type B Low Intensity Obstruction lights

Parameter

Refer	ICAO ANNEX 14 Low Intensity Obstruction lights
Light Source Available Colors	LED Red as standard. Other Colors available on request, including IR complies with ICAO
Horizontal Output (degrees)	360
Vertical Divergence (degrees)	as per ICAO Type B specification
Reflector Type	Single LED Optic
Light Intensity (cd)	100cd
Flash	Steady Light Or Flashing
LED life Expectancy (hours)	>100,000

Electrical Characteristics

Operating Voltage	DC12V DC24V DC48V AC110V AC220V AC230V AC240 (Other Available)
Power (W)	5W
Circuit Protection	Integrated
Temperature Range	-40 to 80°C

Physical Characteristics

Body Material	ABS-UV Stabilized
Lens Material	Bayer Polycarbonate-UV Stabilized
LED Beads	Cree Brand
Lens Diameter (mm)	173mm
Lens Design	Single LED Optic
Mounting (inch)	G1"
Height (mm)	75mm
Wind Speed	Up to 240Kph

Certifications

CE	EN 50490:2008, EN 60598-1:2015, EN 55015:2013, EN 61547:2009
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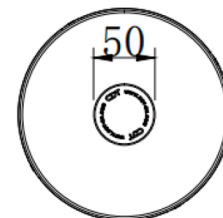
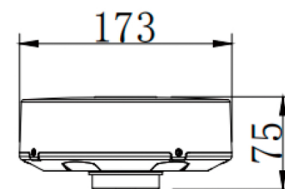
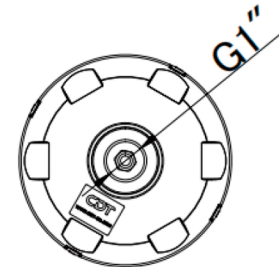
Quality Assurance	ISO9001:2015
ICAO	Low intensity Obstruction lights Type B

Waterproof	IP65
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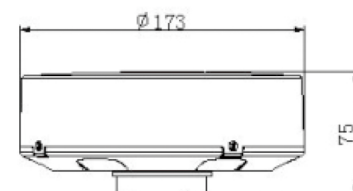
Warranty	3 Year Warranty
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Options Available	- Variety of solar/battery configuration - Dual Visual/IR output - IR LED - With Brackets - GSM
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Structure chart



Main obstruction light structure



Obstruction light