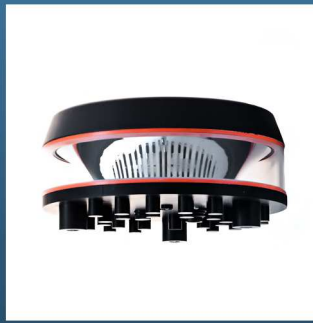


C100 - GPS Obstruction light



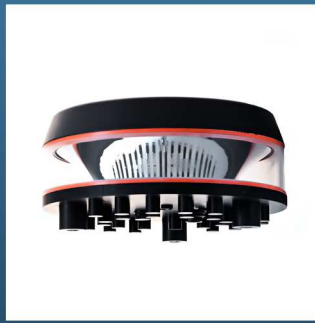
C100GPS Medium Intensity Obstruction Light - Red

The focus of COLOZUZ business is to keep lighting for safety with innovative products and services in order to support the growing mobility needs of society. Our mission is to help our customers increase safety with high quality and environmentally friendly solutions while providing a well balanced cost. .

FEATURES AND BENEFITS

- 5 years warranty.
- Designed to replace standard incandescent lighting fixtures and complex control systems on objects like wind turbines.
- Composite structure with high ingress protection rating (IP 65).
- It has an integrated controller which controls such essential functions as:
 - flashes control system synchronized to the GPS signal,
 - an integrated system for switching lighting after dark,
 - the astronomical clock correlated with the level of sunlight,
 - the light monitoring signaling the possible failure of the lamp.
- Low energy consumption, max 20W.
- Low weight, less than 5,5kg.

C100 - GPS Obstruction light



- It has EMC certificate compliant with:
 - EN 61000-4-2:2009
 - EN 61000-4-3:2007+A1:2008
 - EN 61000-4-4:2010
 - EN 61000-4-5:2009
 - EN 61000-4-6:2009
 - EN 61000-4-11:2007
 - EN 61000-4-4:2008
- Meets the requirements of the Regulations FAA and ICAO.
- Long life used the light source (100.000 hours).
- High resistance to mechanical shocks and vibrations.
- Simple installation for the construction of the gondola, using a dedicated support structure.
- Built-in overvoltage protection class T2 (40kA), effectively protecting, conformity with the Standard of EN 61000-4-5:2009.

C100 - GPS Obstruction light



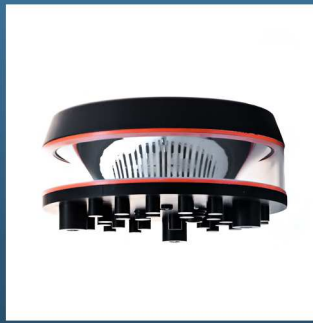
APPLICATION

C-100-G medium intensity beacon, was designed to make installation in difficult conditions, altitude, while maintaining standards for quality and effectiveness of working as a obstruction light. Easy to replace the existing systems makes incandescent lamps, the lamp C-100-G is suitable for use in any electrical system obstruction. The lamp is used to designate high barriers to air (above 45 m), the color of the warning lights based on LED technology (FAA Type L864). Medium intensity beacon C-100-G is designed using the latest technology solutions, provides a compact, efficient lamp type L864. C-100-G emits a beam of light with a high degree of concentration compatible with the RMI. Binding obstruction is characterized by a strong, complex structure with a high degree of protection (IP 65). Low power consumption can a significant reduction in operating costs. Reliability and resistance to severe operating conditions makes the C-100-G does not require any maintenance for many years.

INTEGRATED OBSTRUCTION LIGHT DRIVER

Lamp C-100-G has an integrated controller that implements features such as switching on lights at night correlated with astronomical clock, to synchronize the system flashes emitted from the signal coming from the Global Positioning System. Binding C-100-G has the opportunity to work with an additional external control, using a dedicated output, which allows the monitoring of the lighting fixture.

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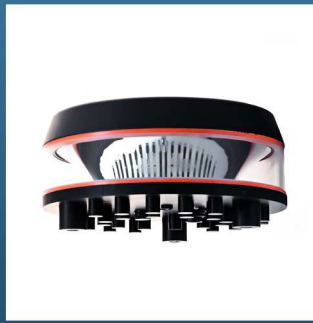
OPERATING CONDITIONS

Medium intensity lamp type C-100-G is designed to ensure its maximum resistance at very hard conditions, occurring at different latitudes. The basic, acceptable parameters are: temperature from -55°C to +55°C, high resistance to UV, the degree of protection IP 65, resistant to acidic media, due to its aerodynamic block lamp is resistant to wind gusts.

MATERIALS

Stainless steel body of medium intensity lamp is made from durable lightweight metal alloy corrosion protected. Shade is made of hardened glass with a high degree of resistance to UV rays. The whole combined components of stainless steel A4 design create a degree of protection IP 65.

C100 - GPS Obstruction light



SPECIFICATIONS

- Lot number: C-100-G
- Weight: 5,5 kg
- Package dimensions: 35x35x20 [cm]

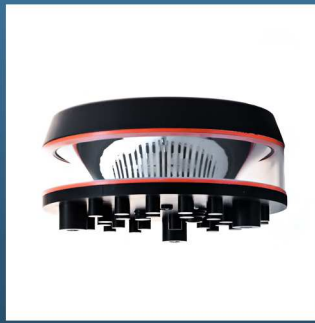
Screw was used, straight-through quick-degree of protection IP 65, facilitating the assembly of obstruction lighting on high. This solution eliminates the need for switching boxes. The design includes a lamp voltage protection type II (40kA).

| Series C-100G | Voltage [V] | | | Current [A] | | |
|---------------|-------------|-----|-----|-------------|------|-----|
| | Min | Typ | Max | Min | Typ | Max |
| 230 VAC/VDC | 207 | 230 | 253 | 0,08 | 0,09 | 0,1 |

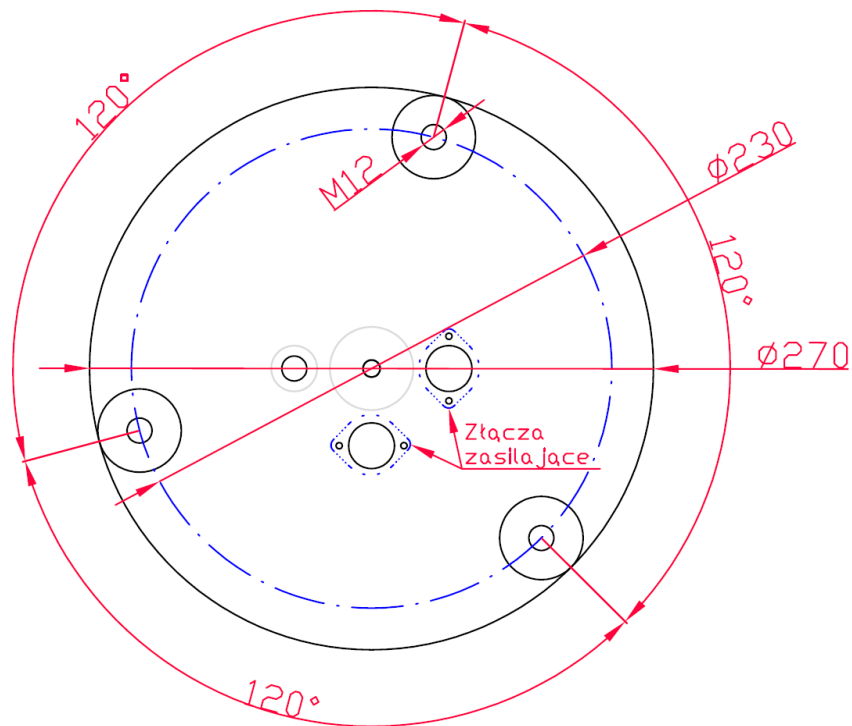
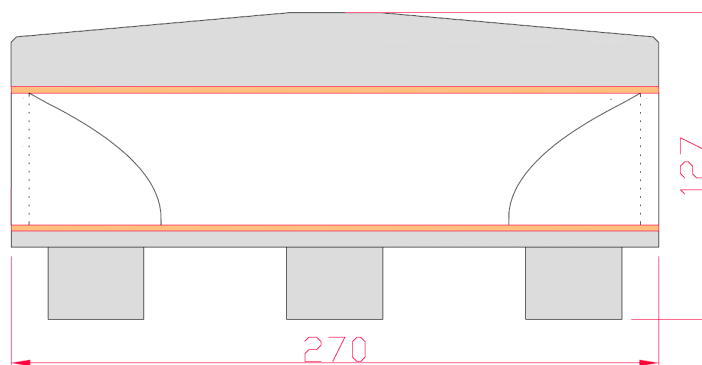
C-100G medium intensity beacon is fully compliant with requirements in:

- International Civil Aviation Organization (ICAO) – annex 14, part 1, chapter 6,
- Federal Aviation Administration Advisory Circular (FAAAC) 150/5345-43F – Specification for Obstruction Lighting Equipment.

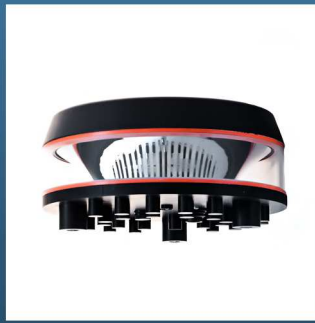
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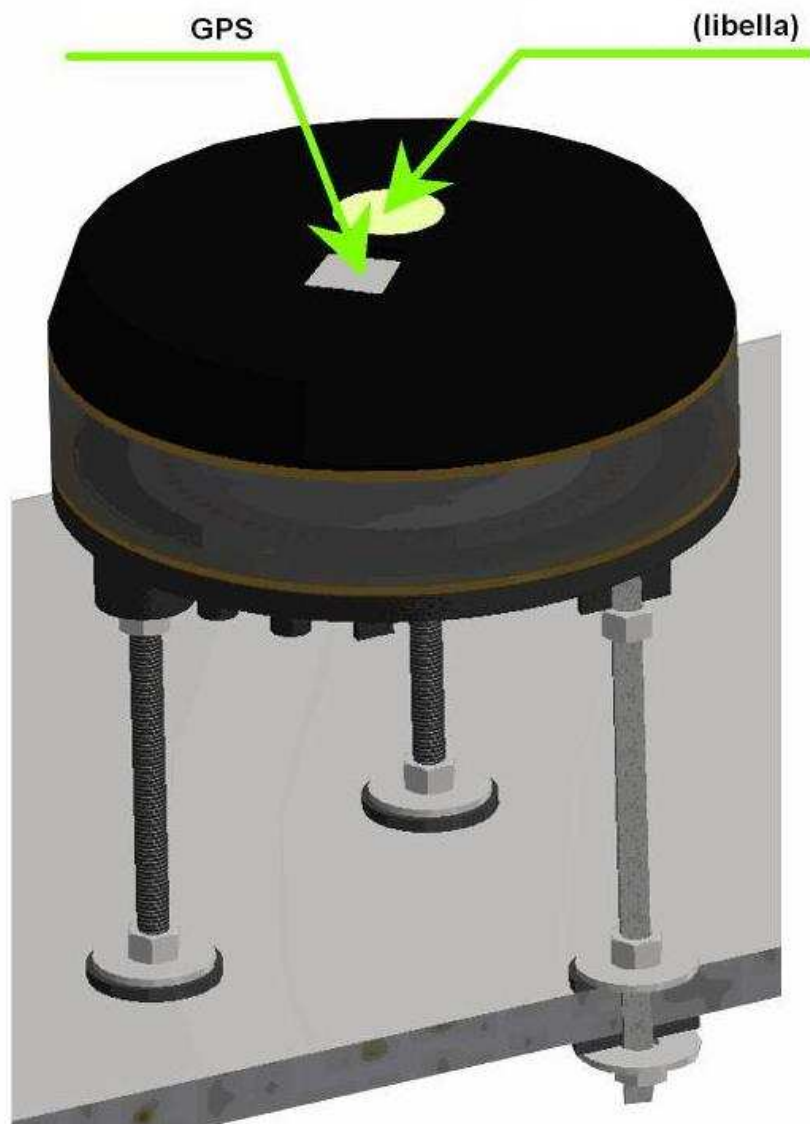
DIMENSIONS



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INSTALLATION



C100 - GPS Obstruction light

