



WLB-200 Low Intensity Aviation Obstruction Light

Instruction Manual

Rev: 1.0V

Description

WLB-200 Low intensity obstruction light is for marking Towers (Telecom, GSM), Smokestacks, Buildings and any other potentially hazardous obstructions to air traffic with a steady burning red safety light.

The enclosure of light is made of die casting aluminum with powder coated finish, with the advantages of light weight, waterproof, shockproof and corrosion resistant. Self-contained wiring compartment, with ease of mount. Light source consists of external long life LEDs, to ensure maximum life of the product.



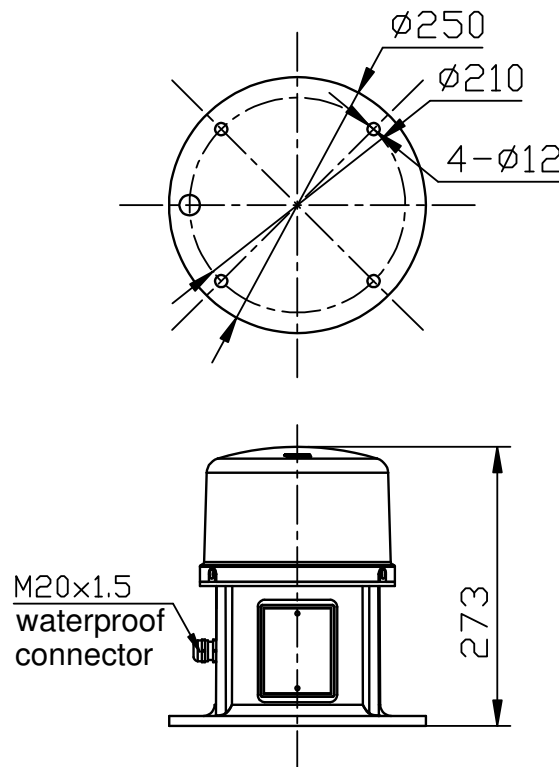
Main functions and features

- Modular design and meets optics standard, compact size and high efficiency
- Based on LED technology
- Resistant to Shock and Vibrations
- Corrosion Resistant Lamp & Housing
- Self-contained wiring compartment—eliminates additional boxes
- Base material--Die casting aluminum LM6
- Lamp housing –Polycarbonate, with good anti-impact strength, thermal stability, high transmittance
- Reflector—ABS
- Combustibility rating : UL94-V0

Specifications

- Operating voltage: 110 – 240VAC (24V & 48V DC also available)
- Power consumption: 30W
- Intensity: 200cd ± 25%
- Horizontal degree: 360°
- Vertical degree: 3°mm
- Light colour: Red
- LED life: >100,000 hrs
- Operating temperature: -30° - +70°, can withstand the most severe environments
- IP Protection: IP65
- Gross weight: 4.5Kg
- Dimension : 250mm (Dia) *273mm(H)
- Steady Burning (Flashing mode available, please mention at time of order)

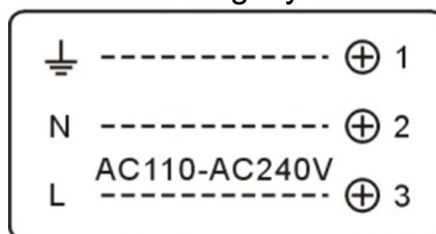
Dimensions



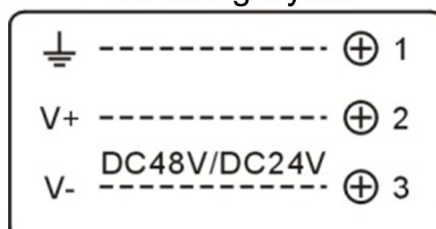
Wiring

- Unfasten two screws fixed on the nameplate and then remove the nameplate panel
- Insert the power cable from the gland box and then connect them to the corresponding terminals inside the lamp body (see following figure).
- Verify whether the power cables are well connected before power on

AC wiring layout



DC wiring layout



Notice

- Check whether the power cables are terminated correctly before power on
- Temperature rise inside the control box is normal phenomenon
- Please do not open any components inside by yourself
- This product is a sealed structure; Should not be tampered with by anyone other than registered installer

Please use this product strictly on accordance with the instruction above

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