NANHUA LM212 Dual Medium Intensity Aviation Obstruction Light LM212-E1-V14

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Mounting dimension (unit: mm)

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Wiring diagram



Alarm output wiring diagram



Applications

Obstruction light for a wide variety of cranes used in Harbors, Metallurgies, Towers (Telecom, GSM), Smokestacks, Buildings and any other potentially hazardous obstructions to air traffic with a steady burning red safety light.

Main functions and features.

- Based on LED technology and meets optics standard
- Built in LED protective circuit, stability and cost savings
- Resistant to Shock and Vibrations
- Corrosion Resistant Lamp& Housing
- Combustibility rating: UL94-V0
- GPS basing on UTC realize synchronization, without external sync cord.
- Faulty alarm function: when light fails, it will output alarm signal. Alarm signal is dry contact.. Normal status is open, alarm status is closed.

Specifications

StandardCompliant to the ICAO (Aerodromes Annex 14) and FAA-L864Vertical degree3°MinLight sourceLEDHorizontal degree360°LED colorAviation redFlashing rate30FPM(20/40/60FPM/ steady burning is customizable)Operating voltageAC100V-240V/DC48V (car-> customized)steady burning is customizable)Power consumption<60W (Steady)LED life\$100,000hIntensity2000±25 × cdOn/off level50LuxWorking typeBottom light working , top light is spare50LuxOperating temperature-40°C ~ +70°CIP ProtectionIP65Relative humidity10% ~ 95% (no condensing)Weight5.5kgMaterialBase : Die casting alumi-m, housing: PC Reflector: ABS with vacuum coating5.5kg	Specifications				
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Material		condensing)			
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		Reflector: ABS with vacuum coating			

Installation and operation

• Install the light on a smooth surface, with enough mechanical strength; if there is no installation surface, we can customize the mounting bracket as requested.

• When install the light, do not install the photocell towards the light beam around, and also ensure the photocell is not covered by something.



Application example



Verify whether the supply voltage complied with the rated voltage of the light. •

Open the nameplate cover, connect power cable and earth wire to corresponding terminals • and then remount the cover.

• Power on after verification of connection, the service light will light up.

Notice

• The part of material of products is PC(like lamp cover and lamp shell), so it cannot direct or indirect touch the organic solvent, such as industrial alcohol, banana oil, isopropyl alcohol, carbon tetrachloride, cyclohexanone and so on, otherwise, the product will be corroision.

- Temperature rise inside the control box is normal phenomenon.
- Should not be tampered with by anyone other than registered installer.
- This product is a sealed structure, please do not open any components inside by yourself.