LS812
Low Intensity Tower Obstruction Light

Products description and applicaiton

- Steady burning at night, combined with the advanced LED, optical and system control technology to meet the most demanding applications.
- Applicable to occasions where the wind turbine tower needs to be marked.
- Applicable to obstacles higher than 45 meters.
- Suitable for outdoor environments
- Suitable for high salinity areas

Features

- Professional optical design, using professional optical design software, high temperature resistant PC lens to meet optical requirements for long time.
- LED Light source, long lifetime and low power consumption.
- The housing is made of PC material and has good impact strength, thermal stability and flame retardancy.
- The bracket is made of stainless steel 316 material, which has good strength and corrosion resistance.
- The circuit is electromagnetically compatible and uses LED constant current drive to extend LED life.
- Operating stably, low maintenance costs

General Specifications

Reference Standards	CAAC	MH6012-2015	Aviation Light
	ICAO	ICAO(Annex 14)14 Volume I	Airport design and operation

Electrical parameters		**Mechanical parameters**	
Voltage input	DC24V	Body material	Stainless steel316
Power Consumption	Red＜5W,Infrared＜5W（optional）	Housing material	PC
Light source	LED	Humidity	10%~95%RHP
Lightning surge	IEC61000-4-5 L- L 6kV	Temperature	Ta-40℃ ~ +60℃
	IEC61000-4-5 L-G 6kV	IP	IP66
	IEC61000-4-2	Wiring	Lead wire 15m
Electrostatic Discharge	Contact discharge 8kV	Color	Yellow●
		Weight	0.7 kg（wire excluded）
Optical parameters			
Vertical intensity	≥32.5cd	Working mode	Steady burning
Vertical angel	10°	Horizontal angel	360°
Light color	Red		

Mounting dimensions

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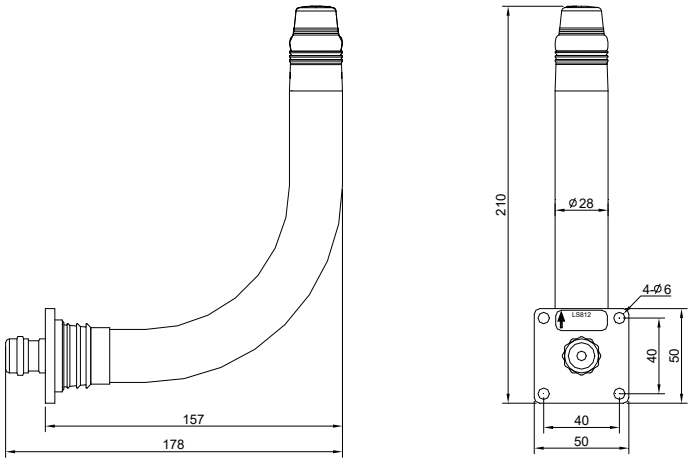
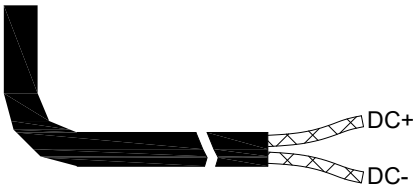
Unit:mm

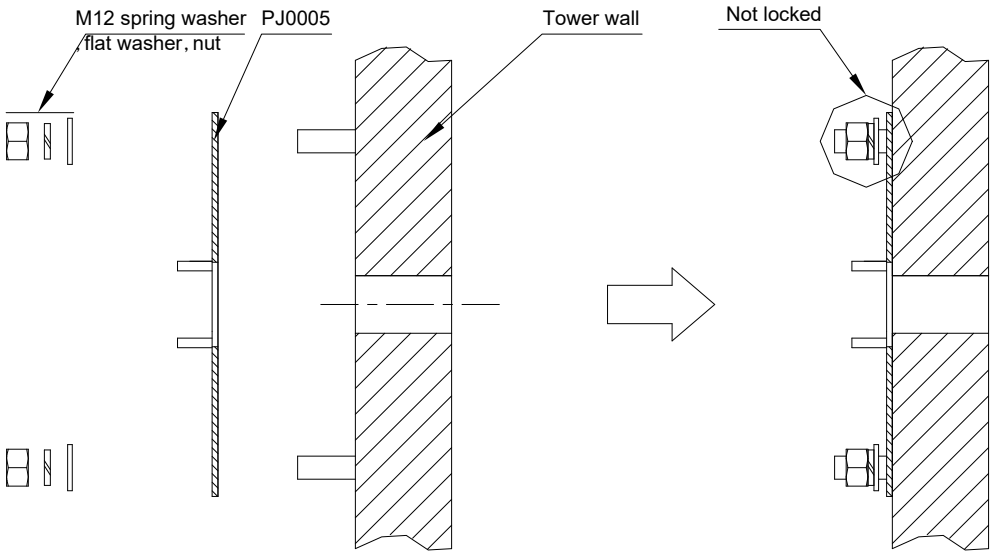


Wiring diagram



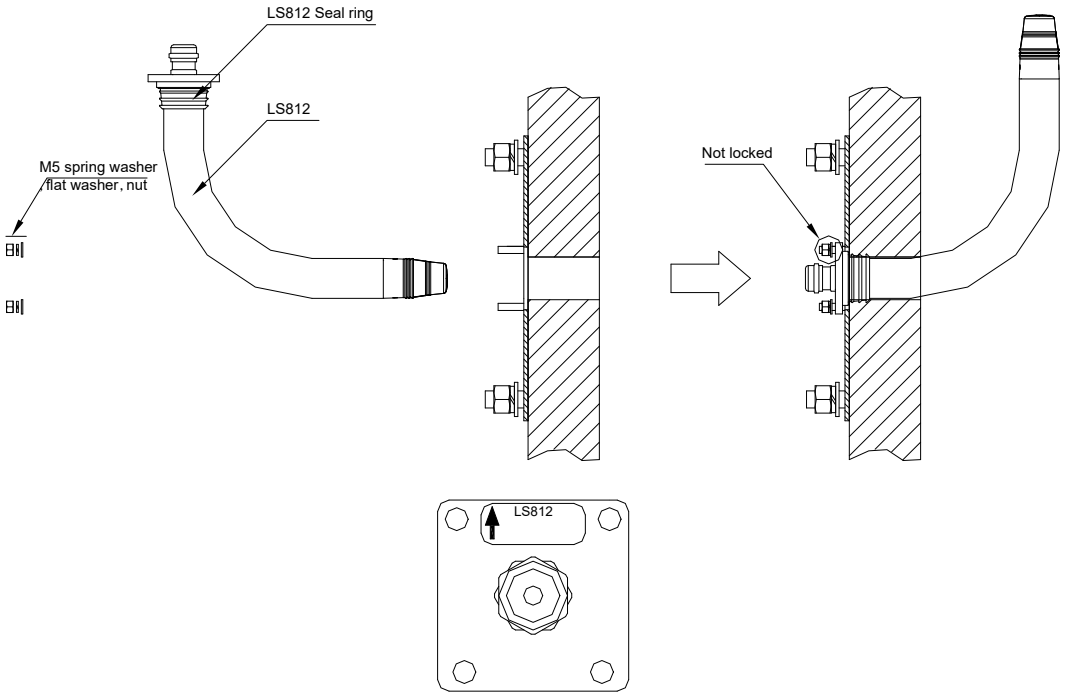
Installation method of use

1. Install the matching mounting plate PJ0005 on the four studs reserved on the tower wall, and fix it with M12 nut, spring washer and flat washer (not locked).

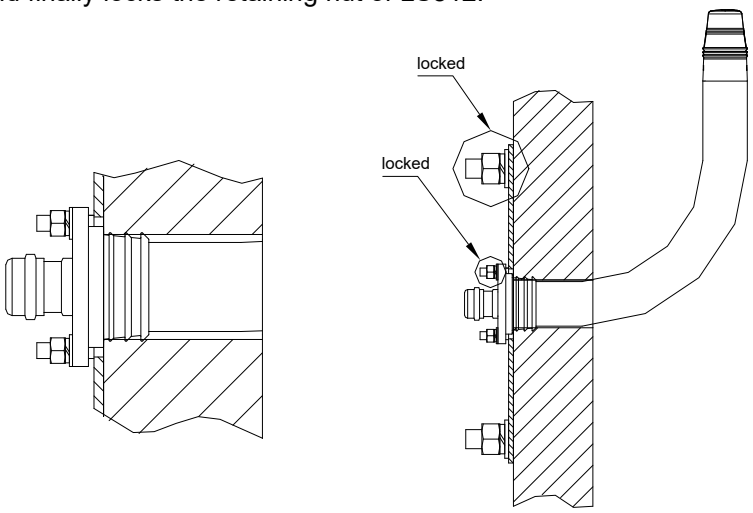


2. Pass LS812 through the center hole of the mounting plate PJ0005 and the hole in the tower wall, and fixes the four ø6 mounting holes of the LS812 on the four studs of the PJ0005. During the whole fixing process, the arrow

mark at the bottom of LS812 shall always facing up, and fixed with M5 nut, spring washer and flat washer(not locked).



3. Fine-tuning the PJ0005 and LS812 to ensure that the seal ring on the LS812 fits tightly with the hole in the tower wall, locks the PJ0005, and finally locks the retaining nut of LS812.



Caution

- 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, Isopropanol , Carbon tetra chloride, cyclohexanone and so on, otherwise, the product will be corrosion cracking.
- Ensure the power connection part is correct before using and temperature rise when light working is normal phenomenon.
- Please do not open any components inside by yourself and do not look light horizontally to protect your eyes while the light working.
- This product is a sealed structure, it can’t be disassemble by non-professional personnel, or the warranty expires.

How to Order

Thank you for using our products, NANHUA as a signal transmission and high quality industrial lighting professional brand, Deeply trusted and loved by users in different industries around the world. Please be sure to use this product correctly on the basis of reading and understanding the instructions. Incorrect installation and use may cause fire, electric shock,etc. Due to product improvements, changes in specifications and patterns may be changed without notice, Please understand.