

# Product Specification

## 产品规格书



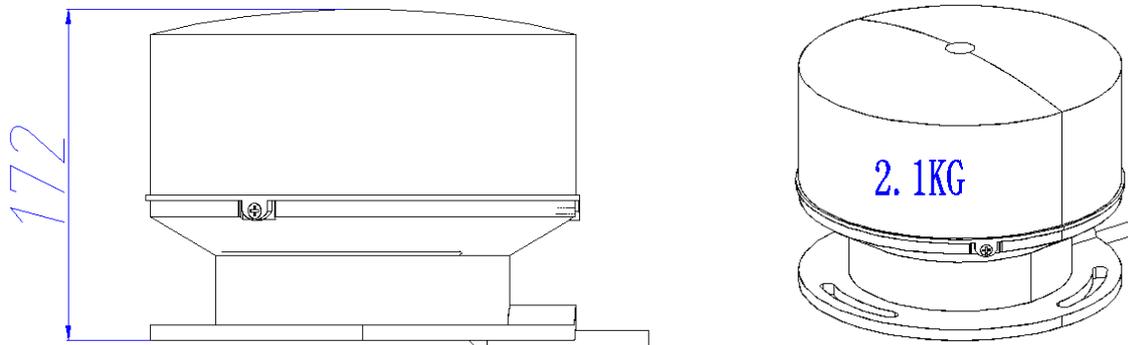
Product

产品名称

Medium Intensity Light Type B

### 1 Technical Parameters 技术参数

#### 1.1 Dimensions (mm) 产品规格图



#### 1.2 Technical Parameters 技术参数

The following parameters are obtained under normal temperature test. (25°C)

(以下数据是在 25°C 常温下测试)

Item of Test 项目		Parameters 参数
Model 型号		SPL-013
Structure Parameter 结构参数	Nominal Dimension 整体尺寸	Φ221×172mm
	Installation Dimension 安 装尺寸	SEE BELOW
	Material of Lamp Panel 底座材质	Aluminum Die Casting (压铸铝)
	Material of Cover 灯罩材质	PC
Electrical Parameter 电性参数	Rated Power 额定功率	≤5W
	Input Voltage 输入电压	AC176V-264V
	Light source 光源	LED
	Light color 发光颜色	RED 红色
	Effective light intensity(cd) 有效光强	2000-2500
Operating mode 工作方式	Operating mode 工作模式	20-60 flashes/min(adjustable)
	Function 功能	SPL-013 medium intensity obstruction light type B is a red flash light, it is widely used in tall buildings, iron towers, large bridges, cranes, tall chimneys, lighthouses, high voltage transmission towers, drilling platforms and places where aviation alert is required, to indicate the obstruction's existence and reduce the hazard to the aircraft. It can be used solo if structure's height is between 45M & 150M, also can be used with other

		low, medium intensity obstruction lights.
Other Parameter 其它参数	Operating tem. 工作温度	-40 ~ +55°C
	Wind load <sup>①</sup> 风载荷 <sup>①</sup>	60m/s
	Protection 防护等级	IP66
	Weight 重量	2.1Kg

## 2. Characteristics of Lamp 灯具特点

1. Low power consumption, professional flash switch.
  2. Corrosion resistance, anti-ultraviolet.
  3. International advanced cold light source, low power consumption, high brightness, the service life is up to 100000 hours.
  4. The use of PC material, designed for impact resistance.
  5. With lightning protection function.
  6. This product is self-developed, with self-patent for optics and new product experiment;
  7. The housing adopts integrated die-casting aluminium, with super performance of heat sinking and sealing;
  8. The optical module of this product adopts reflex housing, high efficiency of light gathering, no extra scattered light pollution;
  9. This product is 360°full cover at horizontal azimuth, adjustable at vertical angle;
  10. This product adopts high power Led light source, can operate continuously over 50000H, energy saving, environment protection, long life;
  11. This product has AC power supply, high power constant current output, assure life stability;
  12. This product is controlled by a box or NON-box GPS, etc., have synchronized flash, sequentially flash, etc.
  13. This product can switch to different brightness levels by background LUX with built-in photocell;
  14. This product have local & remote feedback & control function, which is based on 485
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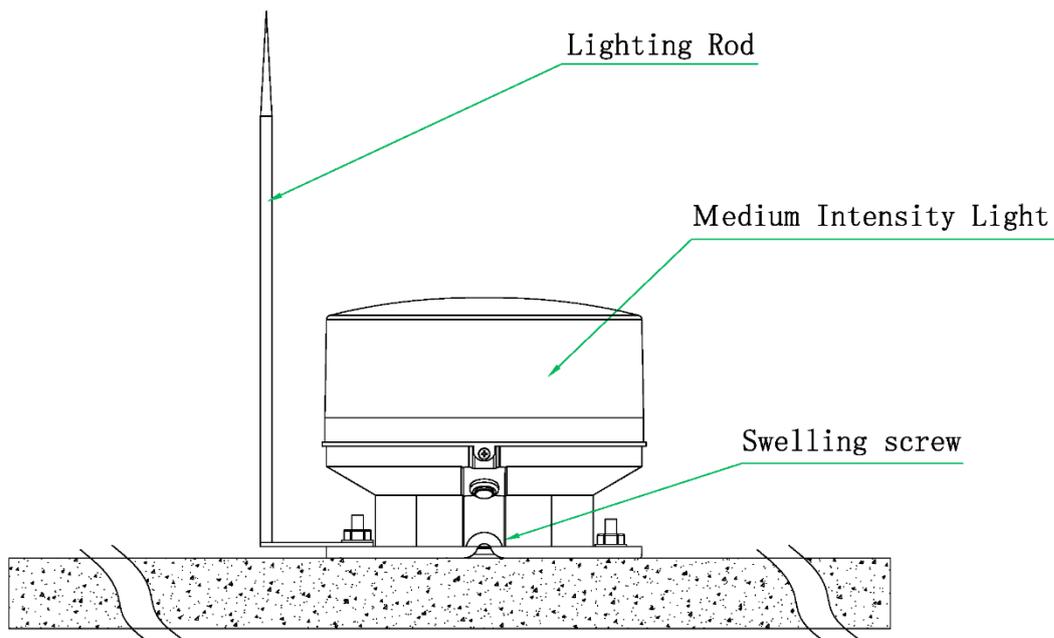
two-way or wireless communication if needed;

15. This product is equipped solo with “anti direct lighting” and “anti inductive lighting” to assure lighting proof capability;

16. Mounting bracket, lighting rod, fastening, etc., all adopt 304 stainless steel, high intensity, light weight, anti corrosion.

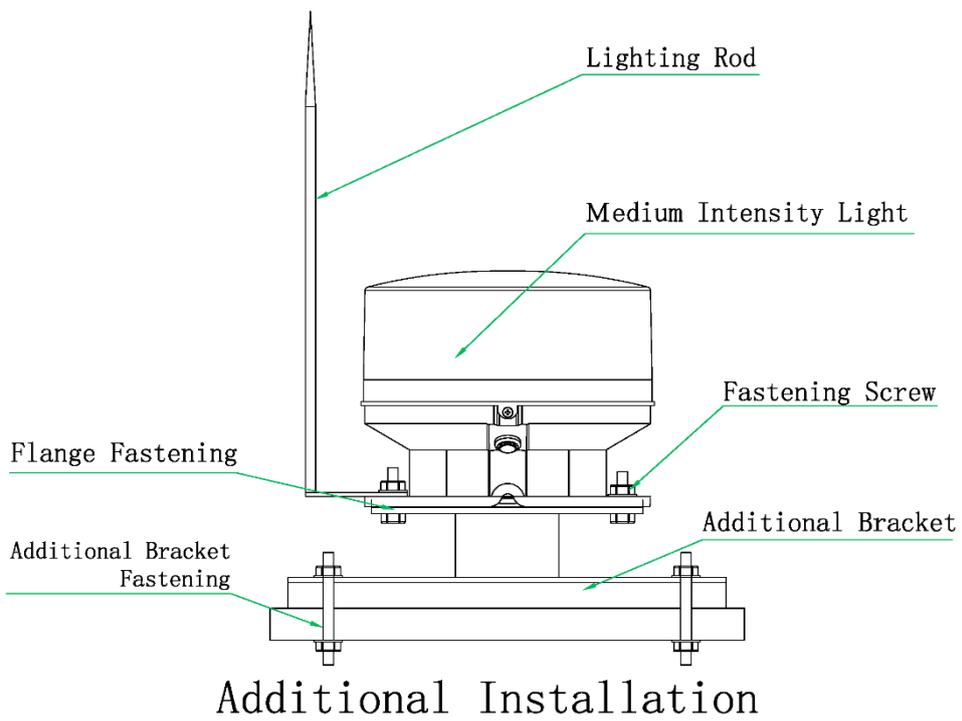
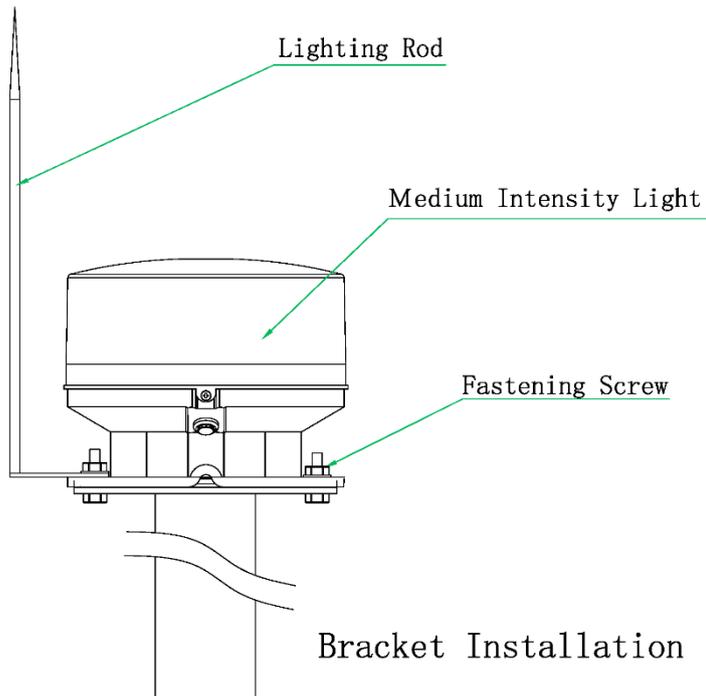
### 3. Installation 灯具安装与使用

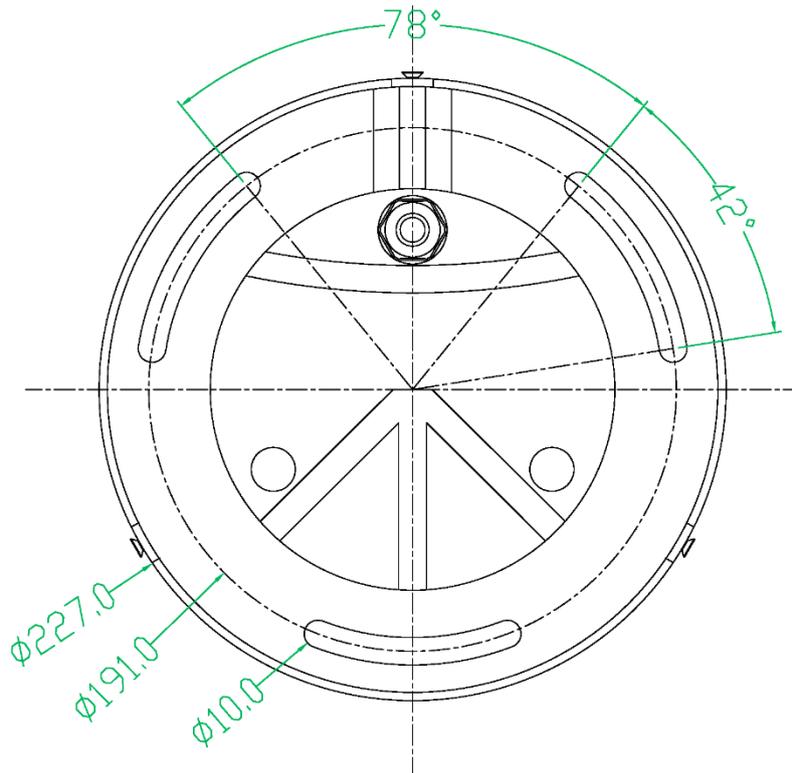
#### 3.1 Schematic Diagram 灯具安装示意图



Platform Installation

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### 3.2 Instruction 使用说明

a) Please read carefully the product specification before using the driver to make sure the operation environment can meet the requirement as per the specification.

请先仔细阅读产品规格书，确认其使用环境符合规格书上的要求，方可使用。

b) While connecting the tube to the power, please make sure the switch is "off".

将产品接入电源时，请先确保开关处于闭合状态。

c) Do not disassemble the lamp by yourself.

不可自行拆开灯具。

## 4. Maintenance 灯具维护保养

4.1 keep every screw in tight

4.2 keep the light OFF when not using

4.3 Battery must be stored in a fully charged condition

4.4 Check battery every 3 months and recharge if necessary

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## 5. Standard 符合规范

5.1 Medium intensity light type B, International Civil Aviation Organization, annex 14, volume 1, 7<sup>th</sup> edition, “airport design and operation”, July 2016, table 6.3.

中光强 B 型航空障碍灯，国际民航组织附件 14 第 1 卷，“机场设计和运行”第 7 版 July 2016，表 6.3

