

4.5 Maintenance

- 4.5.1 Please don't repair or maintain the product under condition user lack of professional person or knowledge for circuit, especially in absence of necessary equipment, avoiding extending the damage or breaking down the important components.
- 4.5.2 As there is high voltage circuit inside the product, during maintenance please don't disassemble or hand touch the PCB under power-on condition. There is isolation protection layer on circuit board, please don't touch acidic materials when you disassemble the circuit board, like sweat etc. Please use plate washer water to clean the circuit board when is stain or dust.

5. Packing and Transportation

5.1 Packing

- 5.1.1 Carton shall be marked with product name, model No., manufacture logo, manufacturing date etc:
- 5.1.2 User manual and spare parts lists shall be placed together the products in carton.

5.2 Transportation

- 5.2.1 Please keep the products free of drop, collision and erosion by organic chemistry material during transportation and stocking;
- 5.2.2 The stocking environment must be waterproof and moisture-proof. Stocking temperature shall be -45°C - +80°C and stocking humidity is 10% - 90%;
- 5.2.3 The packing suitable for shipment by trucks, ships and planes. Please keep the carton to be covered, protected from sunshine and handled with care.

6. After-sales Service

- 6.1 Warranty period: 5 years.
- 6.2 Maintenance Scope: Quality problem from below causes is not within maintenance scope;
 - 6.2.1 Maintenance or modification without authorization from the manufacturer;
 - 6.2.2 Mal-operation or deliberately damage by user;
 - 6.2.3 Unusual environment, which is out of specification;
 - 6.2.4 Force Majeure natural or human disaster(such as thunder, fire, earthquake, tsunami, hurricane, rebellion, terrorist attack, war etc.).

7. Packing List

Item	Name	Qty	Unit	Remark
1	LED Area Light	1	pc	The packing list is for Area Light
2	User Manual	1	pc	
3	Product Qualification	1	pc	

**Our company reserves the right to modify the contents of Use Manual without further notice.
The User Manual comes into effective from April. 2019.**

Company Name: Shenzhen Spark Co., Ltd
 Company Add: 27th Floor,Block A,Shenzhen International Innovation Center,1006 Shennan Rd.,
 Shenzhen,China
 Tel: 86+755-8308 8855 / 8390 2522 Fax: 86+755-8391 4431
 Factory Add: Spark Technology Park, No. 2 Industry Rd., Buchong Community, Shajing Sub-district, Bao'an
 District, Shenzhen, China
 Tel: 86+755-8390 4366 / 2959 6112 Fax: 86+755-8390 4766 / 2959 6117
 Website:www.spark-oe.com E-mail:sales@spark-oe.com

LED High Bay Light User Manual

Product: LED High Bay Light

Model: SPLHB-160-4K-LV-W-MS

Version: A/0

Important Notice: The user must follow the method of connection on the USER MANUAL; otherwise our company shall not be held liable for any hurts or damages occur on people or products itself because of maloperation.

Warning

1. Please install the product according to the manual or it may cause electric shock or fire because of incautious operation;
2. Please do not use the product in the environment which the shock or vibration frequently happens, easy to burn or there is a corruptive gas, or it may cause drop or electric shock;
3. At least 1 meter distance from the surface to be illuminated, or it may cause fire;
4. Change or modification of the product is prohibited, or it may cause the electric shock, spark or drop;
5. Lamp must have reliable grounding measure;
6. The main cable line of power system must be installed surge protection device, it should be with reliable lightning protection measures;
7. In process of starting up or using, please turn off the power immediately once there is smoking or unusual smell.

Cautions:

- 1、 Please check if the lamp is broken during transportation and hold the original packing materials, till all of the products and spare parts are checked and listed;
- 2、 The product can't be dissembled by unprofessional person, and must make sure the power off before disassembling or maintaining;
- 3、 The street light can't be disassembled before turning off the power. Hand touch of the circuit is prohibited;
- 4、 The tools or testing equipments which guide the exterior electronical signal into system equipment is prohibited. Such electronical signal can permanently damage the equipment;
- 5、 There is isolation protection layer on circuit board, please do not touch the acidic materials when you disassembling the circuit board, like sweat etc. Please use plate washer water to clean the circuit board when is stain or dust;
- 6、 The electrical leakage is possible when the lamp is transferred from cold environment to warm environment, so please make sure the grounding to be implemented strictly;
- 7、 The maintenance for the lamp have to wait at least 5 mins after turning off the power, due to the capacity have enough time to discharge and keep the lamp cool;
- 8、 Please pay attention not to hand touch areas which marked with Security Warning or High Voltage, or electric shock and scald may occur;
- 9、 Only professional or authorized person can operate to connect the lamp with the power;
- 10、 The lamp shall be work in the environment which is listed on the specification.

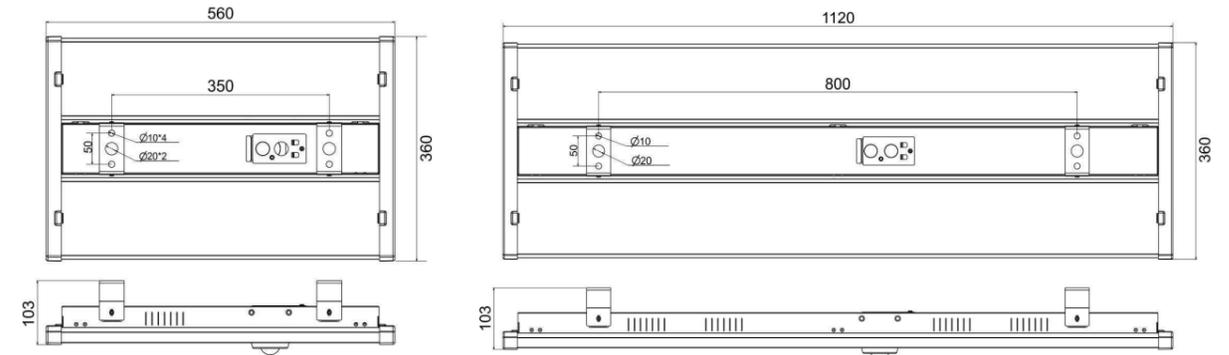
1.Main Technical Parameter:

Model	SPLHB-100-LV	SPLHB-160--LV	SPLHB-240-LV	SPLHB-330-LV	SPLHB-160/330-HV
Power	100W	160W	240W	330W	160W/330W
Input Voltage	AC100-277V	AC100-277V	AC100-277V	AC100-277V	AC347-480V
Input Frequency	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz
Power Factor	≥0.95	≥0.95	≥0.95	≥0.95	≥0.95
Luminous Flux	15000lm	24000lm	36000lm	49500lm	24000lm / 49500lm
Color Temperature	4000K-5000K	4000K-5000K	4000K-5000K	4000K-5000K	4000K-5000K

2.Environment Conditional

- 1、 Installation environment: indoor;
- 2、 Atmospheric pressure: 86kPa~106kPa;
- 3、 Working temperature: -40°C - +40°C;
- 4、 Relative humidity: 10% - 90%;

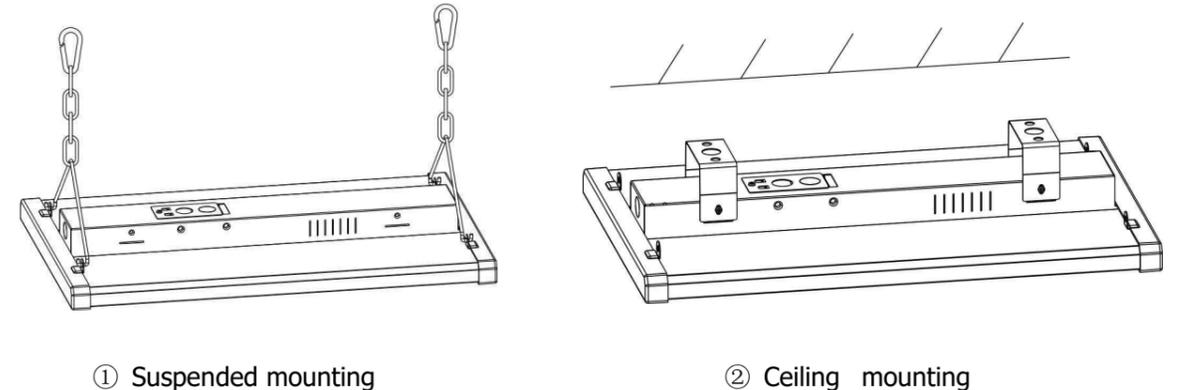
3. Dimension: mm



4. Lamp Installation:

4.1 Installation method: Tools for connection: Wire stripper, Insulating tape

Two types of installations:



4.2 Wiring:

Input: L(Brown or Black)-Live Wire, N(Blue or White)-Null Wire, GND(Yellow/Green or Green)-Wire Ground

4.2.1 wiring diagram:

Note: If there is lamp external cord broken or damage, only manufacturer or agent authorized by the manufacture can change the cord in case of any danger.

