

# **BY-F600 600W LED Spot Light**

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## **600W LED Spot Light**



**User manual**

Please read the instructions carefully before use

# TABLE OF CONTENTS

1. Safety Instructions .....	2-4
2. Technical Specifications .....	4-5
3. LUX Date .....	6
4. Attention .....	6
5. Fixture Cleaning .....	7
6. Warning .....	7

## statement

The product has well capability and intact packing when leave factory. All of the user should comply with warning item and manual, any misuse cause of the damages are not included in our guarantee, and also can not be responsible for any malfunction & problem owing

to ignore the manual.

# 1. Safety Instructions

Please keep this User Guide for future consultation. If you sell the unit to another user, be sure that they also receive this instruction booklet.

- ☒ Unpack and check carefully there is no transportation damage before using the unit.
- ☒ Before operating, ensure that the voltage and frequency of power supply match the power requirements of the unit.
- ☒ It's important to ground the yellow/green conductor to earth in order to avoid electric shock.
- ☒ The unit is for indoor use only. Use only in a dry location.
- ☒ The unit must be installed in a location with adequate ventilation, at least 50cm from adjacent surfaces. Be sure that no ventilation slots are blocked.
- ☒ Disconnect main power before replacement or servicing.
- ☒ Make sure there are no flammable materials close to the unit while operating as it is fire hazard.
- ☒ Use safety cable when fixes this unit. DO NOT handle the unit by taking its head only, but always by taking its base.
- ☒ Maximum ambient temperature is  $T_a: 40^{\circ}\text{C}$ . DO NOT operate it where the temperature is higher than this Unit surface temperature may reach up to  $85^{\circ}\text{C}$ . DO NOT touch the housing bare-hand during its operation. Turn off the power and allow about 15 minutes for the unit to cool down before replacing or serving.
- ☒ In the event of serious operating problem, stop using the unit immediately. Never try to repair the unit by yourself. Repairs carried out by unskilled people can lead to damage or malfunction. Please contact the nearest authorized technical assistance center. Always use the same type spare parts.

☒ DO NOT touch any wire during operation as high voltage might be causing electric shock.

### **Warning:**

- ☒ To prevent or reduce the risk of electrical shock or fire, do not expose the unit to rain or moisture.
- ☒ DO NOT open the unit within five minutes after switching off.
- ☒ The housing, the lenses, or the ultraviolet filter must be replaced if they are visibly damaged.

### **Caution:**

There are no user serviceable parts inside the unit. DO NOT open the housing or attempt any repairs yourself. In the unlikely event your unit may require service, please contact your nearest dealer.

### **Installation:**

The unit should be mounted via its screw holes on the bracket. Always ensure that the unit is firmly fixed to avoid vibration and slipping while operating. And make sure that the structure to which you are attaching the unit is secure and is able to support a weight of 10 times of the unit's weight. Also always use a safety cable that can hold 12 times of the weight of the unit when installing the fixture.

The equipment must be fixed by professionals. And it must be fixed at a place where is out of the touch of people.

## **2. Technical Specifications**

**Lamp:** LED 600W lamp beads use imported chips life up to 50000 hours (One-button control the power is off and on ,suggest that the interval should be more than 10 seconds )

**Color Temperature:** 3200K / 4500K / 6500K

**Power Consumption:** 700 W

**Power Voltage:** AC 100-240V, 50/60Hz

**Color:** Five colors + white (Red, Orange, Yellow, Blue, White)

**Aperture:** fader adjustment aperture size, clarity manual adjustment

**Strobe:** 1-11 times/second

**Projection distance:** 10-50 meters / 10-120 meters

**Body size:** 810\*230\*210mm

**Body weight:** 15KG

**Cooling System:** Six 8mm thick copper tubes are used to conduct heat and then heat dissipation through 132 large-area aluminum sheets to ensure the heat dissipation of LED lamp beads, so that the light fails within the normal range and the lamp beads lifetime is guaranteed.

Overheating, triggering high pressure protection, using a new type of aluminum alloy design, arc-shaped body is elegant.

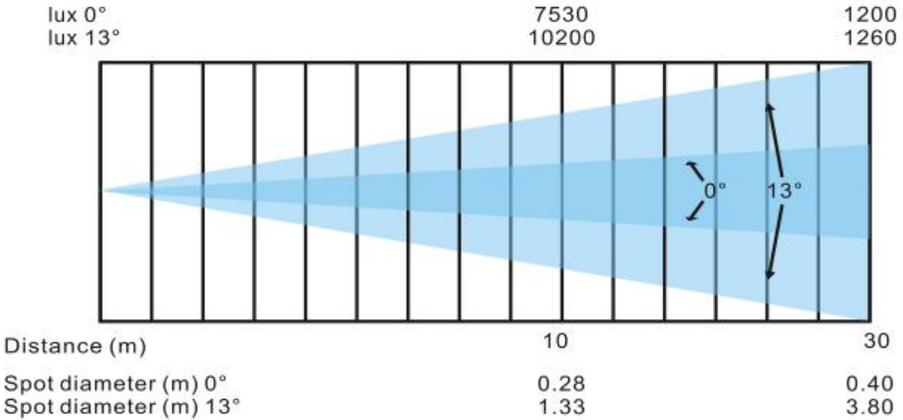
## Features

600W LED Spot light uses a high-power LED light source. The color temperature is ideal and the color rendering index is high. The lamp body is made of all-aluminum alloy material, with small size, light weight and high brightness. High-power fan cooling system ensures safe, continuous and stable operation of the lamps.

The lamps are widely used in stage, theater, film and television and stadiums to perform close-up follow-up of people and scenery.

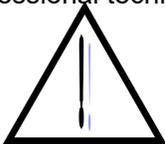
### 3. Lux Data

Min Zoom range =  $0^\circ$   
Max Zoom range =  $13^\circ$

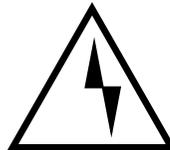


### 4. Attention

- 1: When the LED is lit after the power is turned on, it should try to avoid direct observation of the emitted light. The lamp can be started continuously. After turning off the power, it needs to wait 10 seconds before restarting.
- 2: Professional LED light source if you need to replace please consult a professional technical staff.



**Light bulb hot!**



**Avoid electric shock!**

## **5. Fixture Cleaning**

Before disconnecting the lighter or starting maintenance work, ensure that the power supply of the light is turned off to maintain the maximum brightness output of the light, and it can also prolong its service life. It is recommended to use high-quality professional glass cleaner and to clean it with cloth. Alcohol or chemical solvents are not allowed under any circumstances. The interior of the lamp is vacuum-cleaned at least once a year.

## **6.Warning**

Do not disassemble or modify light fixtures

Do not expose the fixture to water or any other kind of liquids and metals

Do not install the lamp in a hot environment

Do not shoot the light beam on flammable materials. The distance between the light fixture and flammable material should be at least 2 meters.

The distance between the lamp and the surface of the adjacent object should be at least 0.5 meters.

Do not look directly at the beam of the follower lamp, as it may cause eye damage

Before opening the chasing light product or want to repair work, please make sure that the power is off