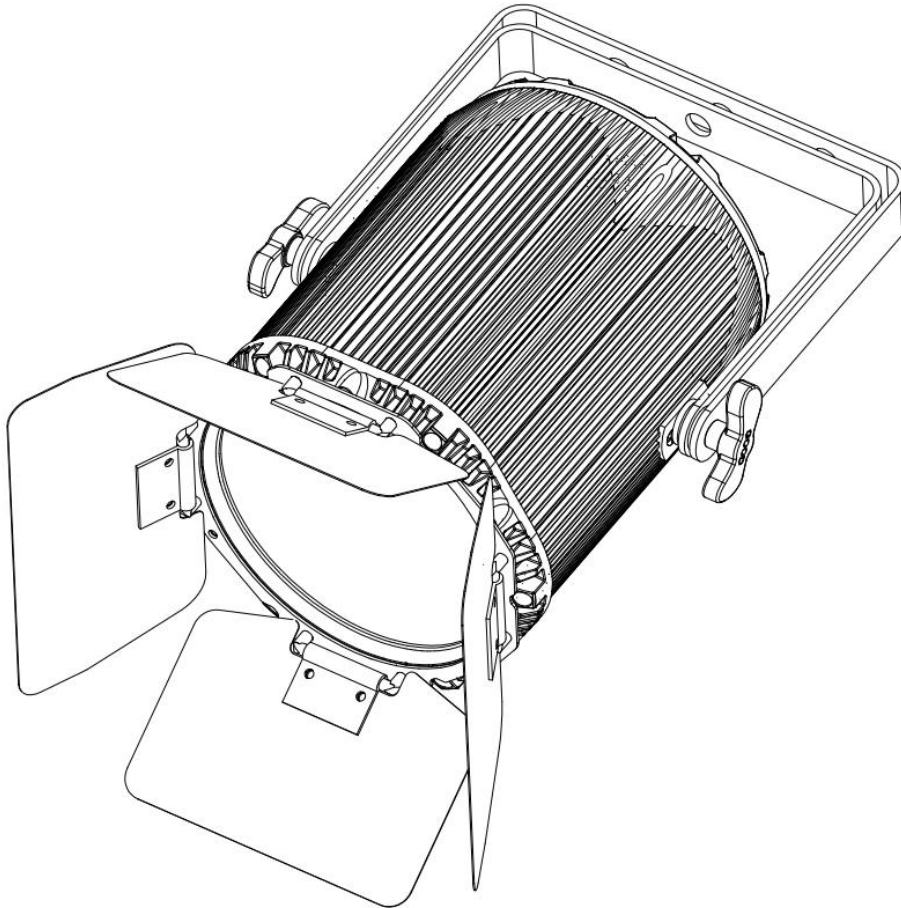


200W outdoor fresnel spotlight



Instruction manual

Advice before use

Read these instruction carefully. As soon as the equipment is delivered, Open packing and inspect the equipment Carefully.

If you notice any damage, immediately contact the transport company and register your Complaint in due form listing the defects.

Be sure that this equipment left our factory in perfect condition.

Check if the received equipment is consistent with the delivery notice and if this deliver notice is consistent with your order. If it is not, immediately contact with you supplier.

General Remarks

This luminaire is lighting equipment designed for professional use only indoors in theatre and television or film studios. It must imperatively be connected to earth by means of its earth wire.

To prevent any electrical shock, this equipment should not be opened when functioning.

Nevertheless:

Part or lenses have to be replaced if they are visibly damaged and their efficiency will be reduced, for example in case of deep cracks or scratches. The lamp must be replaced if damaged or distorted by heat. If internal access is needed for control, service or repair purposes always refer to qualified personnel.

In all events, always unplug the power supply cable before opening.

It is the user's responsibility to use the luminaire for its intended purpose and to check the equipment that might be connected to it.

This luminaire is a piece of professional equipment designed for easy and simple use. Nevertheless, always refer to qualified personnel for any installation or repair work.

Important Remark

Power supply cables and other connections are essential for your equipment and contribute greatly to a safe and trouble free operation.

Always hold the plug when disconnecting a cable, never pull the cable. Never use cables

connectors in bad condition, check them before installation and periodically thereafter. Never tie power supply and data cables together

Electrical Connection

This lamp adapts to the normal voltage of 230V. For the safety of users, be sure to keep the ground wire (yellow-green) grounded.

ATTENTION:



LETHAL VOLTAGE PRESENT INSIDE

提示

使用前请仔细阅读此安全规则。

该设备已经通过运输到过使用目的地后，请小心打开包装并取出设备如发现任何缺损，应立即联系货运公司并按照缺损情况进行投诉。确认此设备在出厂时为完好无损。

请检查接收的设备是否与货运单中登记的货物相符，以及货运单中登记货物与您的订购的货物相符，如有不符请立即联系您的供货商。

总述

此灯具专为剧场、电视电影工作间等设计的专业户内照明设备。必须将标记为地级的电线接地线。

不要在此设备运行时打开外壳，以避免被电击。

在镜片发现明显缺损，应立即更换镜片并降低其功率，比如深刻的裂痕或刮痕。发光体在高热后出现损坏或扭曲变形应立即更换。需要在灯具内部进行检查、维护、修理等操作时，都应交由专业人士。

一旦出现事故，在打开灯具外壳前应首先拔去电源线插头。

使用者应在此设备规定用途范围内进行操作，并核对设备的线路是否正确连接。请不要将该灯具置于多变的恶劣环境。

生产商概不承担由于擅自更换其它类型光源而引起的损坏事故责任。

此灯具是一种专业设备，虽设计改良后的操作简单方便，但仍需要专业人士进行安装维护。

要点

电源线及其它连接装置对于设备都是很重要的，因其合理安排才导致设备的安全便利运用。

在拔插电源时必须用手持插头并拉出，切勿直接拉扯电源线。

勿在恶劣的环境下使用电源线，在安装前应检测，并在安装后保持周期性的检测切勿将电源线及其他信号线扎在一起，以防混淆。

电源连接

此灯具适应 230V 的常规电压。为了使用者的安全，务必保持地线（黄绿色）接地。

警告：



内部带危险电压！

First of all, thank you for choosing our company's product. Please read this instruction manual carefully and completely, and keep it in a safe place for reference during use. Important information about the installation and use of the product in this manual. Please strictly abide by these related instructions during installation and use.

The lamp is made of aluminum and cast aluminum shell, which is beautiful, smooth and strong, which fully reflects the characteristics of modern lamp products. The products are designed and produced according to strict standards, and are in full compliance with the international standard DMX512 protocol. They can be controlled by a single unit or linked to each other. They are suitable for large-scale theatrical performances, theaters, studios,

auditoriums, temples, churches and other places.

Benchengjie lamps use high-precision accessories. When you receive the product, please take care of it, and check whether the product may be damaged due to transportation. And check the following accessories:

1. Lamps-1 set
2. Power cord ---- 1
3. Signal line --- 1
4. Instructions --- 1 copy

首先感谢你选择了本公司的产品，请仔细完整地阅读这份使用说明手册，并妥善保管，以便使用时参考。本使用说明书中产品的安装及使用方面的重要信息。安装及使用请严格遵守这些相关的说明。

灯具采用铝材与铸铝外壳相互组合而成，造型美观，流畅，结实，充分体现了现代灯具产品的特点。产品按严格标准进行设计生产，完全符合国际标准 DMX512 协议，既可单台控制，也可以互相联控使用，适用于大型文艺演出、剧院、演播厅、礼堂、寺院、教堂等场所使用。

本成介灯采用高精密配件。在收到产品时，请小心取放，检查产品是否有因运输而可能造成的损坏。并检查以下配件：

- 1.灯具---1 台
- 2.电源线--- 1 根
- 3.信号线--- 1 根
- 4.说明书---1 份

Instructions 操作说明

This product is LED waterproof spotlight

If the product has gone through a large temperature difference (for example, after transportation), do not start the product immediately

The product will be damaged due to thermal expansion and contraction. Please wait until the device reaches normal room temperature before starting the product.

Pay attention to shocks. Avoid strong collisions during product installation.

Please do not lift the entire product by the lamp cap, because the mechanical properties of the equipment may be damaged.

When choosing an installation location, make sure that the product is not exposed to excessive heat, humidity or dust. Please do not put any wires on the ground, otherwise there may be danger of electric shock.

Before installing the product, make sure that the installation point is safe.

Please fasten the product with a safety rope and check if all the screws are correct when installing

Make sure that the lens is in good condition. When the lens is damaged or scratched, please replace the lens.

It is recommended that technicians familiar with this product operate this product. Non-technical personnel are forbidden to operate this equipment, because many losses are the result of non-professional operation.

Please keep the packing materials properly in case you need to carry out the second transportation.

If there is no guidance from the manufacturer or distributor, please do not modify the product without authorization.

Any equipment failure caused by the operation and use of this equipment not in accordance with the provisions of the manual is not covered by the warranty.

And any accidents caused by short circuit, injury, electric shock, ultraviolet rays, lamp explosion, etc. caused by this are not covered by the warranty.

4. Product hanging and installation

Note: For more safety, please hang and install this product away from aisles, seating areas, or areas within reach of people.

Before hanging the product, make sure that the installation point can bear 10 times the weight of the product.

The product installation must have double protection devices, such as safety ropes.

When hanging, removing or repairing this product, it is forbidden to stand under the installation point

本产品是 LED 聚光光灯

假如产品在经过 较大的温度差后（例如，运输后），则不要马上启动产品 因为热胀冷缩会损坏到产品。请等到设备达到正常室温后再启动产品。

注意防震。产品安装过程中避免强烈碰撞。

请不要通过灯头举起整个产品，这样设备的机械性可能会受损。

选择安装地点时请确保产品未暴露在过热、太湿或多灰尘的地方。请不要把任何 电线置于地面，否则可能会遭受电击的危险。

安装产品前，请确保安装点安全。

请将产品系上安全绳，并在安装时检查所有的螺丝是否正确

请确保透镜状态良好。当透镜损坏或者划伤时，请更换透镜。

建议由熟悉本产品的技术人员去操作本产品。禁止非技术人员操作此设备，因为 许多损失就是由于非专业操作的结果。

请妥善保管包装材料以备需要进行二次运输。

如果没有生产商或者经销商的指导，请勿擅自更改产品。

未按照说明书规定操作使用此设备所引起的任何设备故障均不属于保修范围。而且由此所导致的任何由于短路、伤害、触电、紫外线导致的伤害、灯泡爆炸的事故等均不在保修范围内。

4.产品吊挂和安装

注意：为更安全起见，请在远离走道，座位区域，或者人手可及的区域吊挂安装本产品。

吊挂本产品前，请确保安装点可承受终于本产品 10 倍的重量。

产品安装必须有二重保护装置，例如安全绳。

当挂，拆除或者维修本产品时，禁止站在安装点下

technical parameter 技术参数

Voltage: AC100-230V 50-60HZ

light source: 200W LED

Channel Channel: 1/2CH

Control mode: DMX512 ,Master-slave ,Auto,Voice control RDM

Real-time temperature detection

Support lock screen, anti-touch

Maximum ambient temperature: <40°

Maximum surface temperature: <85°

N.W: 4.5 KG

Fixture size:32x22x23 CM

电压： AC100-230V 50-60HZ

光源： 200W LED

通道： 1/2CH

控制模式： DMX512,主从,自走， 声控 RDM

实时温度检测

支持锁屏， 防触碰

最高环境温度： <40°

最高表面温度： <85°

产品尺寸： 32x22x23 CM

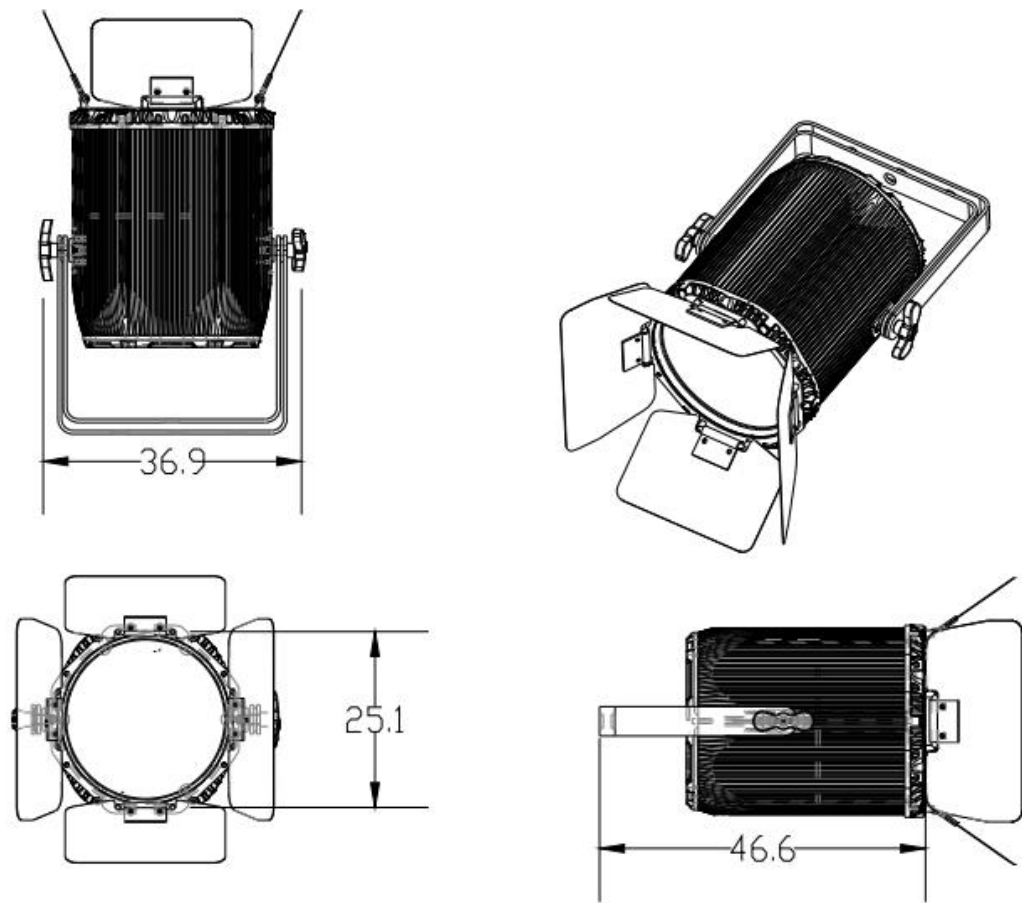
净重： 4.5KG

Features:

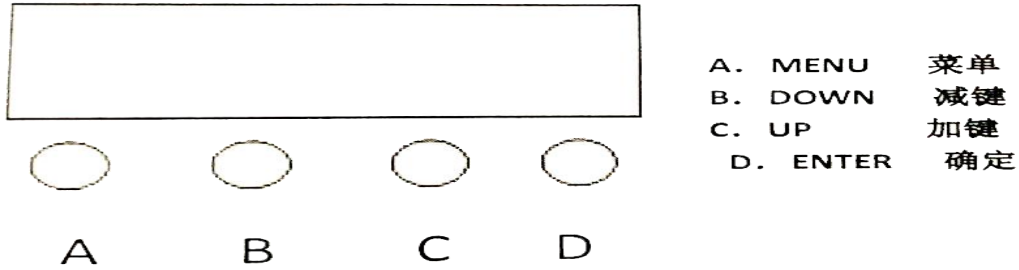
LED waterproof spotlight, full color, pure color mixing, very simple operation, user-friendly design, dimming without flicker, shaking, etc., no fan, absolutely silent, aluminum heat dissipation, real-time temperature detection, support 16bit dimming, support Disconnect the signal to keep the anti-touch lock screen function

LED 防水聚光灯，颜色饱满，混色纯正，操作非常简单，人性化设计，调光无闪烁、抖动现象等，无风机，保持绝对静音，铝材散热，实时温度检测，支持 16bit 调光，支持断开信号保持 防触碰锁屏功能

2.Dimensions / 尺寸图



Menu operation instructions 菜单操作说明



Operating instructions: Press the function key A to cycle out 5 different function effects, the first two digits of the digital tube represent the current function (refer to the function table). The last two digits represent the address code or speed parameter where the function is located. Press B or C key to modify its parameter value. Press D to confirm.

操作说明：按功能键 A 会循环出 5 种不同的功能效果，数码管前两位数字代表当前所处的功能（参照功能表）。后两位数字代表该种功能所处的地址码、或速度、的参数。按 B 或 C 键即可修改其参数值。按 D 键确认即可。

LED display window function comparison table, (all the functions are selected and then press the D key to confirm) LED 显示窗功能对照表，（所有的功能按选定后再按 D 键确认即可）

| 主菜单 Main menu | 次菜单 sub menu | | 默认值 value |
|------------------------|--|----------------------|-------------------|
| 地址设置 Address Setting | 地址设置(1-512) Address Setting (1-512) | | 001 |
| 通道设置 Channel settings | 1 通道、2 通道 6 channels, 2 channels | | 2 通道 2channels |
| 自动运行 Auto | 自动 auto | 自动(0---2) | 自 动 1auto1 |
| | 自动速度 speed | (0-255) | |
| | 声控 voice control | 声控 1/2 | |
| 语言设置 language settings | 中文 Chinese | | 中文 Chinese |
| | 英文 English | | |
| 高级设置 advanced settings | 温度设置 temperature setting | (50 度 - 85 度) | 60° |
| | 信号保持 signal hold | (开启/关闭) (open close) | 关闭 ON |
| | 屏幕保护 screen protector | (开启/关闭) (open close) | 关闭 ON |
| | 屏幕旋转 screen rotation | (开启/关闭) (open close) | 关闭 ON |
| | LOGO | (开启/关闭) (open close) | 关闭 ON |
| | 白色电流 white current | (20--255) | 235 |
| | 黄色电流 yellow current | (20--255) | 235 |
| | 出厂设置 Factory settings | (确认?) enter | |

| | | | |
|---------------------|---|---------|-----|
| | 白色 | (0-255) | 000 |
| | 黄色 | (0-255) | 000 |
| 系统信息 system message | 运行模式 operating mode | | |
| | 开机时间 (此次上电运行的时间) Power-on time (the time of this power-on operation) | | |
| | 运行时间 (使用的总时间) Run time (total time used) | | |
| | 温度 (检测到的实际温度) temperature (actual temperature detected) | | |
| | 软件版本 Software version | | |

The DMX512 Channel 通道说明

1CH

| CH | FUNCTION | illustrate |
|----|----------|---|
| 1 | dimmer | 线性调光, 由暗到亮 linear dimming, from dark to bright |

2CH

| CH | FUNCTION | illustrate |
|----|--------------|---|
| 1 | 调光 dimmer | 总调光, 线性调光, 由暗到亮 Total dimming, linear dimming, from dark to bright |
| 2 | 频闪 strobe | 总频闪, 由慢到快 Total strobe, from slow to fast |

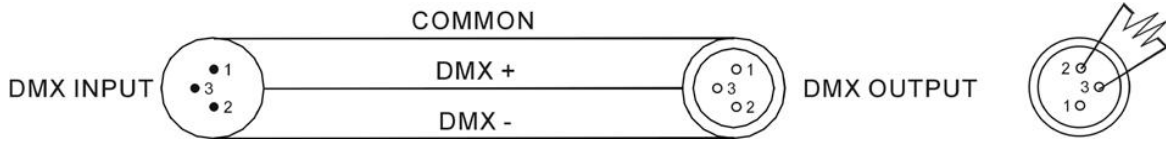
RDM Introduction RDM 说明

| NO.序号 | Function 功能 | Introduction 说明 |
|-------|--|----------------------|
| 1 | Feedback (address code)反馈 (地址码) | Free to change 可自由更改 |
| 2 | Feedback(channel mode)反馈 (通道模式) | Free to change 可自由更改 |
| 3 | Feedback(equipment temperature)反馈 (设备温度) | Unchangeable 不可更改 |

In the address code state, if there is no console connection after multiple machines are connected, the master-slave connection function can be realized, and one of the devices can be operated, and the other devices under the address A001 or d001 will run the program synchronously with the host.

在地址码状态，多机连接后，若没有接控台，可实现主从联机功能，操作其中的一台设备，其余的地址 A001 或 d001 状态下的设备跟随主机同步运行程序。

DMX connection DMX 连接



DMX512 is widely used in lamp control, and can control up to 512 channels

On the last luminaire, a terminator is required for the DMX signal line. Solder a 120 Ω , 1/4W resistor between pin2 and pin3, install it into the 3-pin XLR plug and plug it into the DMX output port of the last lamp.

Use the XLR signal cable to connect the lamp, one end to the output port of the lamp, and the other end to the output port of the next lamp. The XLR signal cable can only be used in series, not parallel. DMX512 signal transmission speed is very fast. Damage to the signal line, weak welding, poor contact, etc., will affect signal transmission and cause the system to shut down.

When the power supply of a certain lamp is cut off, the connection of DMX output and input is bypassed, so that the connection of DMX line can be maintained.

Each lamp needs an address code, which can receive the information sent by the console, ranging from 0 to 512. The terminal of the system needs to be equipped with a terminator to reduce signal transmission errors.

DMX address code setting

When using a universal DMX console to control a lamp, please set the start address code (1 ~ 512) for the lamp first, so that the lamp can receive DMX signals.

Press the MENU button until the DMX address is displayed on the screen, press the ENTER button, and use the DOWN /UP button to change the DMX512 address. Press the ENTER button until the display stops flashing or it is automatically saved after one minute. To return to the main menu, press the MENU button.

DMX512 广泛用于灯具控制，最多可控制 512 个通道

最后一台灯具上，DMX 信号线需要安装一个终端器。焊接一个 120 Ω , 1/4W 的电阻在 pin2 和 pin3 之间，装进 3-pin 的 XLR 插头之内并将它插在最后一盏灯的 DMX 输出口。

用 XLR 信号线连接灯具，一端接到灯具的输出口，另一端接到下一个灯具的输出口 XLR 信号线只能用于串联，不可以并联。DMX512 信号传输的速度很快。信号线损坏，焊接处不牢，接触不好等，都会影响信号传输，导致系统关闭。

当某台灯具的电源断电时，DMX 输出和输入的连接是旁通的，以致可以继续维持 DMX 线路的连通。

每盏灯都要一个地址码，能够接收控台发出的信息，范围在 0 - 512 之间，系统的终端需要装配一个终端器，以减少信号传输出现错误。

DMX 地址码设置

使用通用 DMX 控台控制灯具时，请先为灯具设置起始地址码 (1 ~ 512)，以便灯具能接收 DMX 信号。按 MENU 按钮直到屏幕上显示 DMX 地址，按 ENTER 按钮，并使用 DOWN /UP 按钮改变 DMX512 地址。按 ENTER 按钮直到显示屏停止闪烁或一分钟后自动保存。退回主菜单请按 MENU 按钮。

Safety introduction and product maintenance 安全介绍及产品保养

1. The power connection must be made by professionals.
2. Make sure that the use voltage is not higher or lower than the specified value in the instruction manual.
3. Confirm that the power cord is not cut or damaged by a sharp blade.
4. Be sure to disconnect the power supply when the lamp is not in use or before cleaning.
5. Only the plug is allowed to connect the power cord. When pulling out the plug, please do not pull the power cord forcibly.
6. Be careful when installing the lamps and avoid touching the bare wires, otherwise you will suffer a fatal electric shock.
7. Please do not look directly at the light source when the lamp is in use, otherwise your eyes will be hurt.
8. When choosing the installation location, please ensure that the lamp is not exposed to extreme heat, humidity or dust. The distance between the lamp and the illuminated object must exceed 0.5 meters. Make sure that there are no flammable and explosive materials within 0.5 meters.
9. Please use proper and safe wires to connect the lamps.
10. Please operate after familiarizing with the function of the lamp. Most of the damage to the lamps is caused by improper operation, so non-professionals are not allowed to operate the lamps. Do not shake the lamp at will, and do not operate it roughly.
11. Please do not modify the lamp at will. Doing so may cause short circuit, burning, electric shock, etc., and cause malfunction and damage of the lamp. The manufacturer does not provide warranty

- 1、要由专业人员进行电源连接。
- 2、确认使用电压不要高于或低于使用说明手册的规定值。
- 3、确认电源线没有被利刃划破或损坏。
- 4、灯具在不用时或在清洁前一定要断开电源。
- 5、只允许用插头连接电源线，在拔插头时请不要用力拽电源线来拔出插头
- 6、在安装灯具的过程中要小心操作，避免触摸裸露的电线，否则会遭受致命电击。
- 7、灯具在使用时请不要直视光源，否则眼睛会受到伤害。
- 8、在选择安装位置时，请确保灯具不被暴露在极热、潮湿或灰尘的地方。灯具和被照射物体之间距离必须超过 0.5 米。确保在 0.5 米距离内没有易燃易爆物品。
- 9、请使用适当的、安全的电线连接灯具。
- 10、请在熟悉了灯具的功能后再进行操作。灯具的损坏大多数是由于不正当操作引起的，因此不允许非专业人员操作灯具。使用时不要随意摇晃灯具，不可粗暴操作。
- 11、请不要随意修改灯具，这样做可能会导致灯具出现短路、燃烧、电击等现象，而且因此而造成灯具的故障和损坏，生产厂家不予保修。