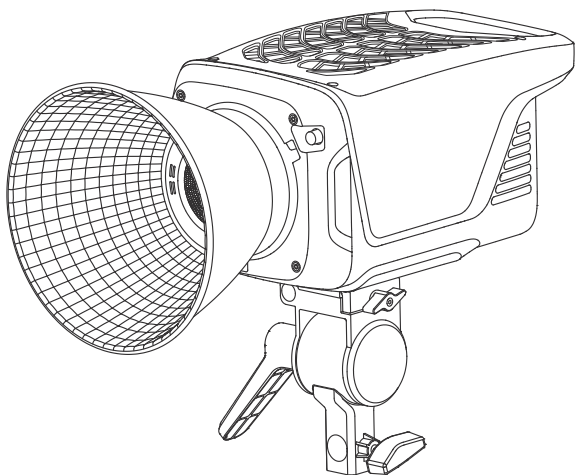


SmallRig



**RC 350B / RC 450B
COB LED Video Light**
- User Manual -

Foreword

Thank you for choosing SmallRig COB LED Video Light.

EN

Warnings

1. Please read this User Manual carefully.
2. Keep this User Manual and always include it when passing the product onto the third party.
3. Heed all warnings and follow all instructions in this User Manual.
4. Close supervision is necessary when any fixture is used by or near children. Do not leave the fixture unattended while in use.
5. Care must be taken as burns can occur from touching hot surfaces.
6. Do not operate the fixture if a cord is damaged or if the fixture has been dropped or damaged until it has been examined by qualified service personnel.
7. Position any power cables so that they will not be tripped over, pulled or put into contact with hot surfaces.
8. If an extension cord is necessary, a cord with an amperage rating at least equal to that of the fixture should be used. Cords rated for less amperage than the fixture may overheat.
9. Always unplug the lighting fixture from the electrical outlet before cleaning and servicing or when not in use. Never yank the cord to remove the plug from the outlet.
10. Let the lighting fixture cool completely before storing.
11. To reduce the risk of electric shock, do not immerse this fixture in water or any other liquids.
12. To reduce the risk of fire or electric shock, do not disassemble this fixture. Contact smallrig@smallrig.com or take it to qualified service personnel when service or repair work is required.
13. The use of an accessory attachment not recommended by the manufacturer may increase the risk of fire, electric shock, or injury to any person operating the fixture.
14. Power this fixture by connecting it to a grounded outlet.
15. Please remove the protection cover before powering the light.
16. Please remove the EVA protection cover before using the reflector.
17. Please do not block the ventilation and do not look at the light directly when it is powered on.
18. Please do not place the LED lighting fixture near any liquids or other flammable objects.
19. Only use a dry microfiber cloth to clean the product.
20. Please have the product checked by an authorized service personnel agent if your product has a problem.
21. The malfunctions caused by unauthorized disassembly are not covered under the warranty.
22. We recommend only using the original SmallRig cable accessories. Please note that our warranty for this product does not apply to any repairs required due to any malfunctions of unauthorized SmallRig accessories, although you may request such repairs for a fee.
23. This product is certified by CE, RoHS, UKCA, FCC, IC, KC, RCM, TELEC, PSE. Please operate the product in full compliance with the operation standards. Please note that this warranty does not apply to repairs arising from malfunctions, although you may request such repairs on a chargeable basis.
24. The instructions and information in this manual are based on thorough, controlled company testing procedures. Further notice will not be given if the design or specifications change.



Please do not disassemble the product. If you have any question, please contact the seller to apply after-sales service.

FCC Compliance Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference.
- (2) This device must accept any interference received, including interference that may cause undesired operation.

[Warning]

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

[Note]

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver.
- Connect the equipment to an outlet in a different circuit than the receiver is connected to.
- Consult the dealer or an experienced radio / TV technician for help.

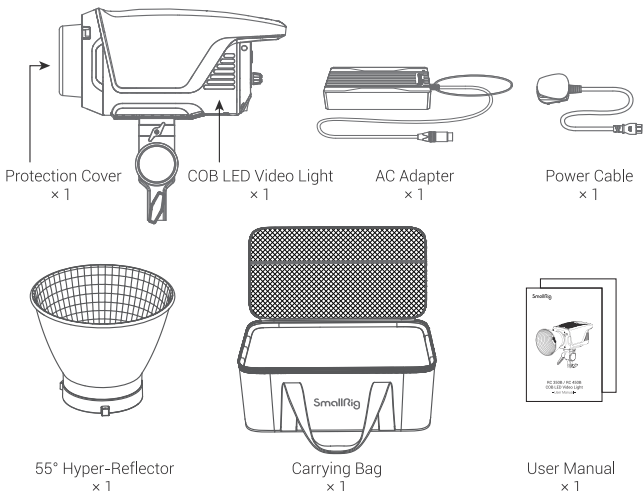
FCC ID: 2AZWI-3960LEQI

RF Warning Statement

The equipment complies with FCC Radiation exposure limits set forth for uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

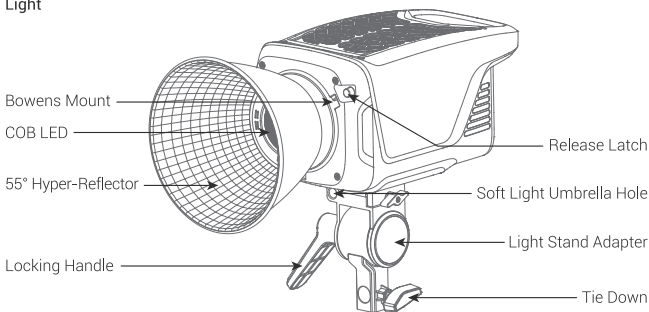
In the Box

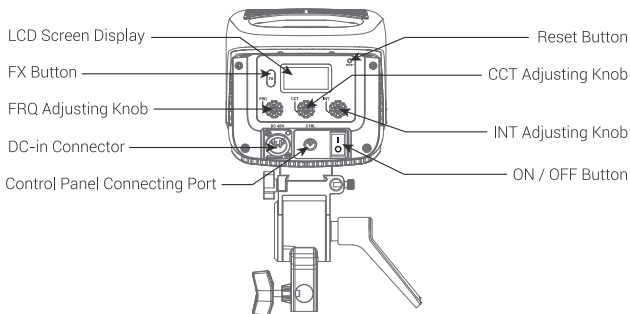
When you unbox the product, please make sure all the items below are included. Otherwise, contact with the seller immediately.



Product Details

Light

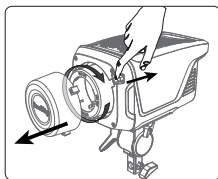
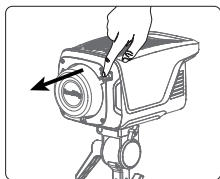




Installations

1. Attaching / Detaching the protection cover

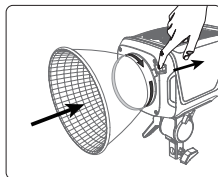
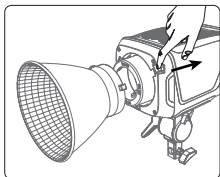
Push the handle of the lever in the direction of the arrow shown in the picture, and rotate the cover to pull it out. Reverse rotation will put into the protection cover.



* Notice: Always remove the protection cover prior to turning on the light.
Always reinstall the cover when packing it away.

2. Installation and removal of the reflector

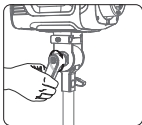
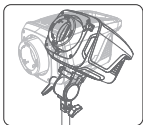
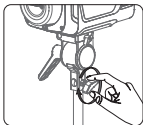
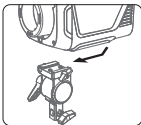
Push the lever handle according to the arrow direction shown in the picture and rotate the reflector into it. Rotating in the opposite direction pulls out the reflector.



* Notice: The installation of other Bowens Mount modifiers are the same.

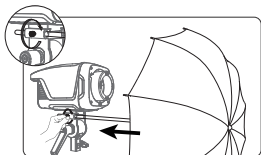
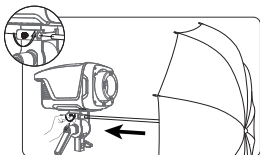
3. Setting up the light

Connect and tighten the stand adapter with the light through the Arca-type clamp and mount plate, rotate the tie-down knob to fix the stand adapter on the light stand. Please remember to lock the stand adapter with the locking handle once you've adjusted the light to the required angle.



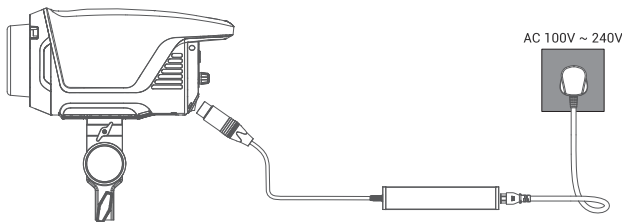
4. Soft light umbrella installation

Insert the soft light handle into the hole and lock the knob on the hole.



The Power Supply

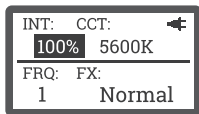
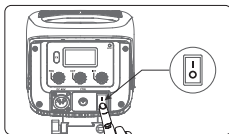
Powered by AC



* Notice: Please press the spring-loaded lock button on the power cord to remove the cord. Do not pull it out forcibly.

Operations

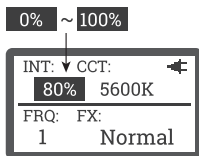
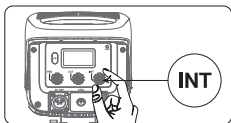
1. Press the power button to turn the light on and off.



2. Manual control

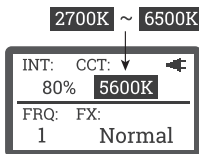
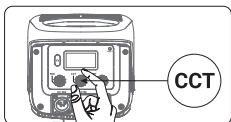
2.1 Brightness adjustment

Rotate the INT adjusting knob to adjust the brightness with 1% variable and the brightness change range is 0 ~ 100%, the change of the brightness will be displayed in real time on the light body.



2.2 Color temperature adjustment

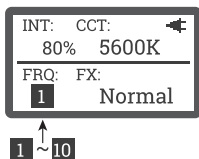
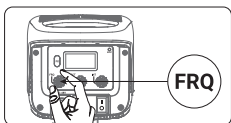
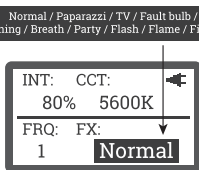
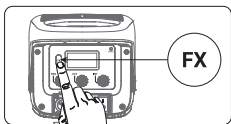
Rotate the CCT knob to adjust the color temperature, and the CCT range is 2700K ~ 6500K.



2.3 FX and FRQ adjusting control

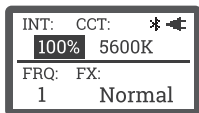
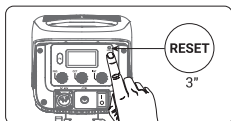
- Press the FX button to get Normal and Paparazzi / TV / Fault Bulb / Lightning / Breath / Party / Flash / Flame / Firework, nine kinds of FX.
- Rotate the FRQ knob then switch to the frequency adjustment, the change range is 1 ~ 10.

* Notice: The brightness and FRQ of every FX can be set separately.



3. BLE reset

- 3.1 Long press the Reset button for 3 seconds, the BLE icon will appear in the upper right if the LCD display. The icon flashes 6 times and the BLE is reset.
- 3.2 Then you can reconnect the light through SmallGoGo App on your smart device.

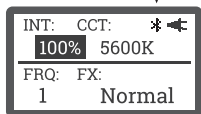


4. App control

The user can download the SmallGoGo App and connect the the device named 350B-xxxxxx / 450B-xxxxxx.

After the light is controlled by the App, the BLE icon will be displayed on the upper right of the light LCD.

* Notice: Please enable the mobile location function when using the App.



* Please visit www.smallgogo.com for more details regarding how to use the App to control you lights.

5. OTA mode

Firmware updates can be updated online via the SmallGoGo App for OTA updates.

6. Using the SmallGoGo App

You can download the SmallGoGo App from the iOS App or Google Play Store for enhancing the functionality of the light. Please visit www.smallgogo.com for more details regarding how to use the app to control your lights.



Operation Manual

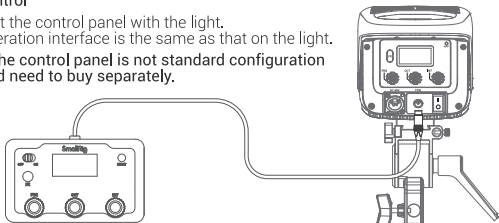


App Download

7. Panel control

- a. Connect the control panel with the light.
- b. The operation interface is the same as that on the light.

* Notice: The control panel is not standard configuration and need to buy separately.



Specifications

Light Operating Current	8.4A @ 48V	Power Consumption	403.2W
Light Power Supply	DC 48V	Cooling Mode	Active Cooling
Adapter Power Supply	AC100 ~ 240V 50 / 60Hz	CRI	96+
TLCI	97+	App Control Type	BLE
Color Temperature	2700K ~ 6500K(±200K)	Remote Ability	≤100m
Radio Frequency	2.4GHz	Power Supply	AC
Size	11.43 × 5.7 × 5.7in	Weight	7.27 Pound

Photometrics

CCT / INT	Distance			
	Illumination	1m	3m	5m
2700K	Bare Bulb	903 fc	100 fc	37 fc
		9720 lux	1080 lux	400 lux
	Hyper-Reflector	6942 fc	540 fc	183 fc
		74700 lux	5810 lux	1970 lux
3200K	Bare Bulb	1171 fc	130 fc	48 fc
		12600 lux	1400 lux	520 lux
	Hyper-Reflector	9061 fc	708 fc	239 fc
		97500 lux	7620 lux	2570 lux
4800K (MAX lux)	Bare Bulb	1468 fc	164 fc	61 fc
		15800 lux	1770 lux	660 lux
	Hyper-Reflector	11524 fc	907 fc	303 fc
		124000 lux	9760 lux	3260 lux
5600K	Bare Bulb	1366 fc	151 fc	57 fc
		14700 lux	1630 lux	610 lux
	Hyper-Reflector	10688 fc	835 fc	281 fc
		115000 lux	8980 lux	3020 lux
6500K	Bare Bulb	1208 fc	133 fc	50 fc
		13000 lux	1430 lux	540 lux
	Hyper-Reflector	9387 fc	736 fc	248 fc
		101000 lux	7920 lux	2670 lux

* This is an averaged result, the number might be slightly different on each light.

Specifications

Light Operating Current	10.2A @ 49V	Power Consumption	499.8W
Light Power Supply	DC 49V	Cooling Mode	Active Cooling
Adapter Power Supply	AC100 ~ 240V 50 / 60Hz	CRI	96+
TLCI	97+	App Control Type	BLE
Color Temperature	2700K ~ 6500K(±200K)	Remote Ability	≤100m
Radio Frequency	2.4GHz	Power Supply	AC
Size	11.43 × 5.7 × 5.7in	Weight	7.38 Pound

Photometrics

CCT / INT	Distance	1m	3m	5m
	Illumination			
2700K	Bare Bulb	1227 fc	136 fc	51 fc
		13200 lux	1460 lux	546 lux
	Hyper-Reflector	7612 fc	610 fc	207 fc
		81900 lux	6560 lux	2230 lux
3200K	Bare Bulb	1589 fc	175 fc	65 fc
		17100 lux	1880 lux	700 lux
	Hyper-Reflector	9944 fc	794 fc	270 fc
		107000 lux	8540 lux	2900 lux
4800K (MAX lux)	Bare Bulb	1877 fc	206 fc	78 fc
		20200 lux	2220 lux	840 lux
	Hyper-Reflector	11803 fc	948 fc	322 fc
		127000 lux	10200 lux	3460 lux
5600K	Bare Bulb	1757 fc	195 fc	72 fc
		18900 lux	2100 lux	780 lux
	Hyper-Reflector	11245 fc	896 fc	303 fc
		121000 lux	9640 lux	3260 lux
6500K	Bare Bulb	1552 fc	172 fc	64 fc
		16700 lux	1850 lux	690 lux
	Hyper-Reflector	10037 fc	796 fc	270 fc
		108000 lux	8570 lux	2900 lux

* This is an averaged result, the number might be slightly different on each light.

前言

感谢您购买 SmallRig 摄影补光灯。

重要提示

1. 请认真阅读本用户手册。
2. 请妥善保管用户手册，将产品交给他人使用时，请务必附带本用户手册。
3. 请注意所有警告提示并遵守用户手册内的所有指令。
4. 当儿童靠近设备或使用设备时，必须进行密切监督。在使用设备时，请勿将设备置于无人看管状态。
5. 小心接触高温部件防止被烫伤。
6. 请勿操作电源线损坏的设备以及掉落或损坏的设备，直到合格的维修人员检查过。
7. 请归置好电源线，防止被电源线绊倒或拉扯电源线导致设备断电，且电源线不可接触灼热表面。
8. 如果需要延长线，应使用额定电流至少等于设备额定电流的延长线。额定电流小于设备的电线可能会过热。
9. 在清洁和维修之前以及不使用时，务必从电源插座上拔下电器插头。切勿拉扯电线从插座拔出插头，应抓住插头拔出。
10. 在存放前让设备完全冷却。存放时，请将电源线从设备上拔出，待冷却后后置在手提包对应的位置。
11. 为降低电击风险，请勿将本产品浸入水中或其他液体中。
12. 为降低电击风险，请勿私自拆卸本产品，在需要维修时，将其交给专业的维修人员。不正确的重装可能会在后续使用设备时引起电击。
13. 使用非制造商推荐的配件可能会引起火灾、电击或造成人身伤害。
14. 请将本产品连接到接地插座。
15. 使用前请将保护罩取下。
16. 使用标准罩前，请将标准罩内部的EVA内托取下。
17. 本产品工作时，请勿遮挡散热孔，勿直视COB灯珠，任何情况下不要触摸COB灯珠。
18. 勿将本产品置于液体或其他易燃，易挥发溶剂附近，避免损坏产品。
19. 请用软布、干布清洁本设备。
20. 如果产品出现故障，请咨询授权经销商进行检查。
21. 未经授权禁止拆卸，一经发现，本公司将实行质保无效操作。
22. 我们建议您使用斯莫格提供的供电/控制线缆等附件。若经查证，使用非斯莫格提供的供电/控制线缆等附件导致机器产生了故障，本公司同样会实行质保无效操作。
23. 本产品已通过CE, RoHS, UKCA, FCC, IC, KC, RCM, TELECOM, PSE等认证。请参考相关国家标准使用和操作。因操作不当而造成机器损坏，不在保修范围内，但用户可以付费维修。
24. 此用户手册依据本公司严格测试制定。设计和规格如有变更，恕不另行通知。



请勿拆卸产品，如果您怀疑产品有任何问题，请联络购买平台，申请售后处理。

FCC符合声明

此设备符合FCC规则第15部分中的规范。操作设备须符合以下两个条件：

- (1) 此设备不会导致有害干扰；
- (2) 此设备可承受任何外来干扰，包括可能导致非预期操作的干扰。

如果用户未经 SmallRig 明确许可而进行改动或改装，可能会丧失继续操作该设备的权利。

【注】

此设备经测试确定符合B类数码设备（依照FCC规则第15部分规范）的限制。这些限制的设计旨在为居住场所安装条件下的有害干扰提供合理的保护。此设备生成、使用并可以发射射频能量。如果未按照指示安装和使用，可能对无线电通信造成有害干扰。但是，在特定安装条件下，不保证这类干扰不会发生。如果此设备确实对无线电或电视机接收信号造成有害干扰，而这点可以通过关闭和打开设备来确定，那么建议用户尝试使用以下一种或多种措施来消除干扰：

- 扩大设备与接收器之间的距离。
- 将设备连接到其他电路的插座中，而不是接收器所连接电路的插座。
- 咨询经销商或有经验的无线电/电视机技术人员以获得帮助。

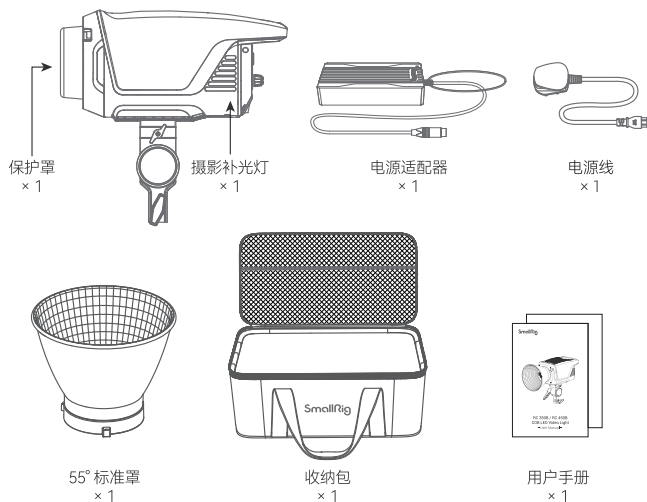
FCC辐射暴露声明

本设备符合FCC针对未受控制环境所制定的辐射暴露限制。

包装清单

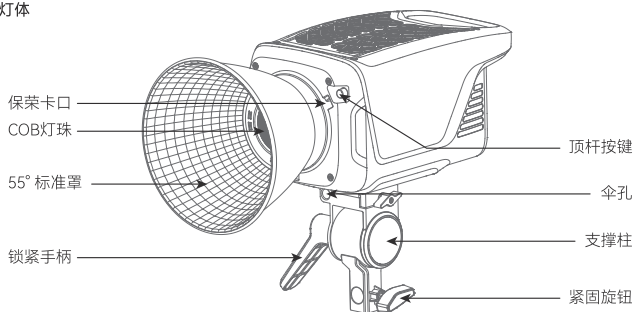
使用本产品前，请检查包装内是否包含所有以下物品。如有缺失，请与经销商联系。

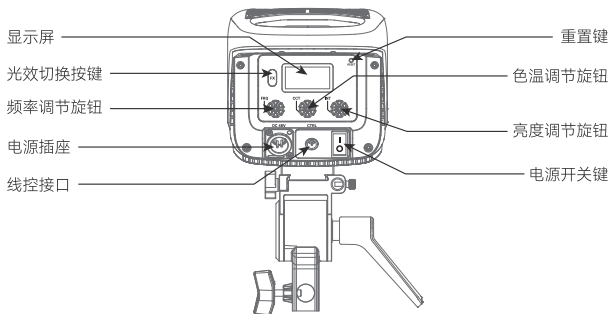
CN



产品视图

灯体

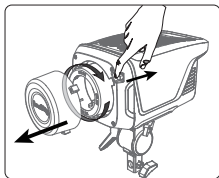
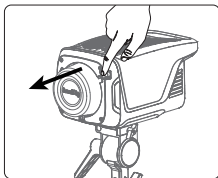




安装

1. 保护罩的拆卸与安装

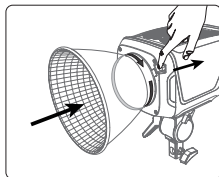
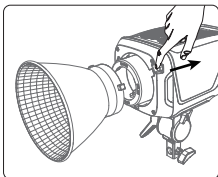
按照图示箭头的方向波动顶杆按键，同时将保护罩旋转拔出。反方向旋转则将保护罩装入。



* 使用前，请务必将保护罩拔出，否则会烧掉。不使用时，将保护罩装入以保护灯头。

2. 标准罩的安装与拆卸

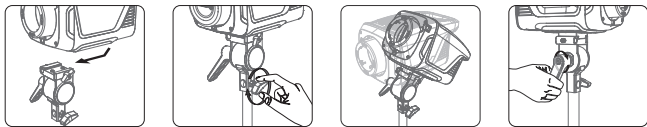
按照图示箭头的方向波动顶杆按键，同时将标准罩旋转装入。反方向旋转则将标准罩拔出。



* 保荣卡口的相关附件，如柔光箱、灯笼菲涅尔透镜等，拆卸操作和标准罩一样。

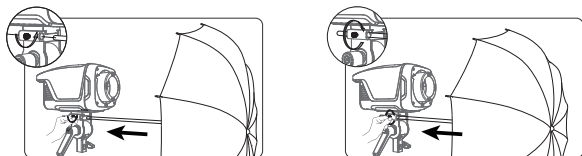
3. 固定灯体

先安装支撑柱至灯体，通过灯体底部的阿卡接口固定，再将支撑柱安装至灯架。调节灯体到需要的角度后，用手柄锁紧。



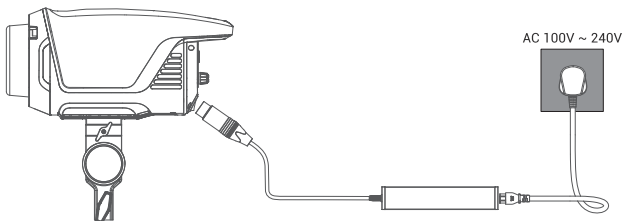
4. 柔光伞安装

将柔光伞伞柄插入伞孔内，锁紧三孔上的旋钮。



供电

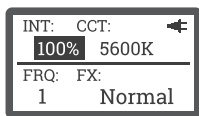
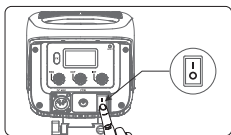
交流电供电



【注】：拆卸电源适配器时，请按下电源线上的弹簧锁扣按钮再拆卸，切勿硬拔。

操作

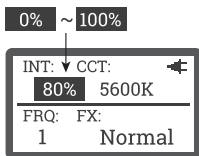
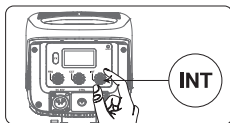
1. 接通电源，打开灯体电源开关。



2. 手动控制

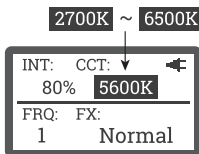
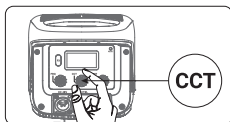
2.1 亮度调节

旋转右侧亮度调节旋钮，以1%的变量调节亮度，亮度变化范围为0 ~ 100%，并且在灯体显示屏上实时显示0 ~ 100%的变化。



2.2 色温控制功能

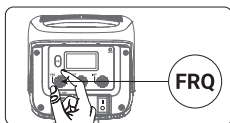
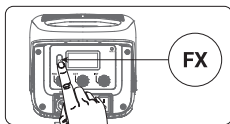
旋转CCT旋钮可调节色温，色温范围为2700K ~ 6500K。



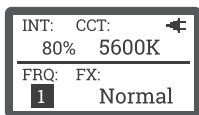
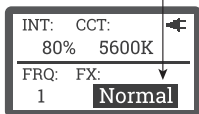
2.3 光效以及闪烁频率控制

- 点击左侧光效按键，可在狗仔队 / 电视 / 坏灯泡 / 闪电 / 呼吸 / 舞会 / 闪烁 / 火焰 / 烟花以及常规模式循环切换。
- 旋转左侧频率旋钮，调节范围为1 ~ 10。

【注】： 每种光效的灯光亮度和频率均可单独设定。



Normal / Paparazzi / TV / Fault bulb /
Lightning / Breath / Party / Flash / Flame / Firework

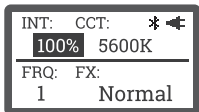
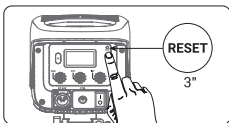


1 ~ 10

3. 重置BLE

3.1 长按 Reset 键3秒后，屏幕右上方出现BLE图标，闪烁6次，完成BLE重置。

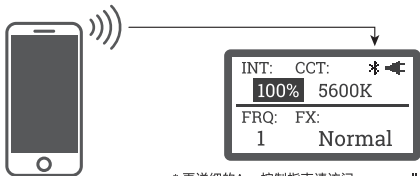
3.2 重置完成后，智能设备和灯可以通过 SmallGoGo App 重新连接。



4. App控制模式

用户可通过手机或平板下载SmallGoGo，连接名称为350B-xxxxxx / 450B-xxxxxx的设备，连接成功后，屏幕右上角出现BLE图标，可无线控制设备。

【注】：使用App时，请打开手机定位功能。



* 更详细的App控制指南请访问www.smallgogo.com

5. OTA模式

固件升级可以通过SmallGoGo App进行在线升级更新。

6. SmallGoGo App的使用

您可以在 App store 和 安卓市场搜索 SmallGoGo 下载专业控制软件来控制 SmallRig 灯具。更多详细使用方法请访问：www.smallgogo.com/cn



操作手册



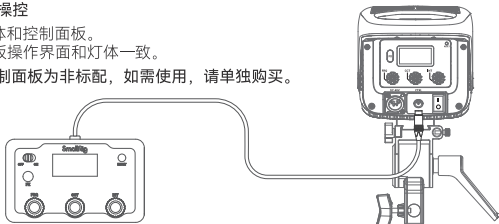
下载页

7. 控制面板操控

a. 连接灯体和控制面板。

b. 控制面板操作界面和灯体一致。

【注】：控制面板为非标配，如需使用，请单独购买。



规格

灯体工作电流	8.4A @ 48V	功耗 (MAX)	403.2W
灯体工作电压	DC 48V	散热方式	主动散热
适配器工作电压	AC100 ~ 240V 50 / 60Hz	CRI	96+
TLCI	97+	APP控制方式	BLE
色温	2700K ~ 6500K(±200K)	无线控制距离	≤100m
无线工作频率	2.4GHz	供电方式	AC
尺寸 (长 × 宽 × 高)	290 × 145 × 145mm	重量	3300g

亮度测试数据表

CCT / INT	距离 照度	1m	3m	5m
		裸光源	903 fc 9720 lux	100 fc 1080 lux
2700K	标准罩	6942 fc 74700 lux	540 fc 5810 lux	183 fc 1970 lux
		裸光源	1171 fc 12600 lux	130 fc 1400 lux
3200K	标准罩	9061 fc 97500 lux	708 fc 7620 lux	239 fc 2570 lux
		裸光源	1468 fc 15800 lux	164 fc 1770 lux
4800K (MAX lux)	标准罩	11524 fc 124000 lux	907 fc 9760 lux	303 fc 3260 lux
		裸光源	1366 fc 14700 lux	151 fc 1630 lux
5600K	标准罩	10688 fc 115000 lux	835 fc 8980 lux	281 fc 3020 lux
		裸光源	1208 fc 13000 lux	133 fc 1430 lux
6500K	标准罩	9387 fc 101000 lux	736 fc 7920 lux	248 fc 2670 lux

* 亮度数据为平均数据，不同灯的亮度会有微小差异。

规格

灯体工作电流	10.2A @ 49V	功耗 (MAX)	499.8W
灯体工作电压	DC 49V	散热方式	主动散热
适配器工作电压	AC100 ~ 240V 50 / 60Hz	CRI	96+
TLCI	97+	APP控制方式	BLE
色温	2700K ~ 6500K(±200K)	无线控制距离	≤100m
无线工作频率	2.4GHz	供电方式	AC
尺寸(长×宽×高)	290 × 145 × 145mm	重量	3350g

亮度测试数据表

CCT / INT	照度	距离		
		1m	3m	5m
2700K	裸光源	1227 fc	136 fc	51 fc
		13200 lux	1460 lux	546 lux
	标准罩	7612 fc	610 fc	207 fc
		81900 lux	6560 lux	2230 lux
3200K	裸光源	1589 fc	175 fc	65 fc
		17100 lux	1880 lux	700 lux
	标准罩	9944 fc	794 fc	270 fc
		107000 lux	8540 lux	2900 lux
4800K (MAX lux)	裸光源	1877 fc	206 fc	78 fc
		20200 lux	2220 lux	840 lux
	标准罩	11803 fc	948 fc	322 fc
		127000 lux	10200 lux	3460 lux
5600K	裸光源	1757 fc	195 fc	72 fc
		18900 lux	2100 lux	780 lux
	标准罩	11245 fc	896 fc	303 fc
		121000 lux	9640 lux	3260 lux
6500K	裸光源	1552 fc	172 fc	64 fc
		16700 lux	1850 lux	690 lux
	标准罩	10037 fc	796 fc	270 fc
		108000 lux	8570 lux	2900 lux

* 亮度数据为平均数据，不同灯的亮度会有微小差异。