ZOLAR®
Blade 60C

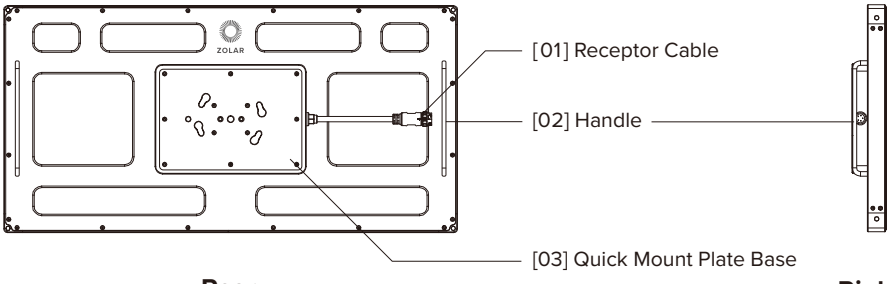
1 inch thin LED Panel

ZOLAR®

Quick User Guide

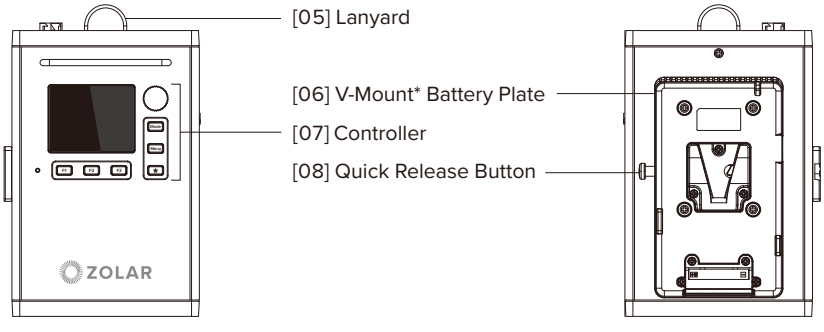
LED Panel

Front

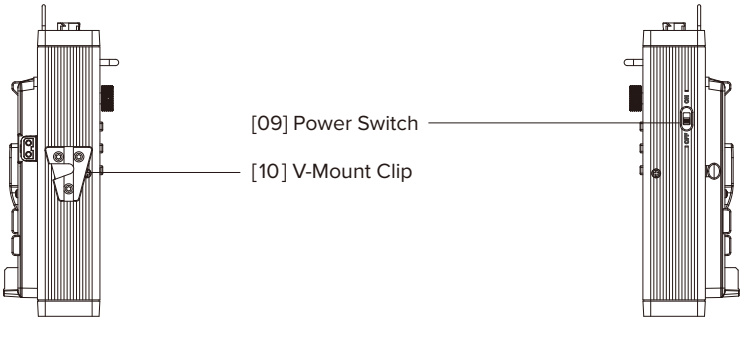


Rear **Right**

Controller Unit[04]

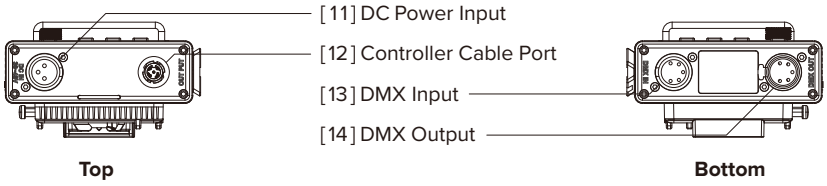


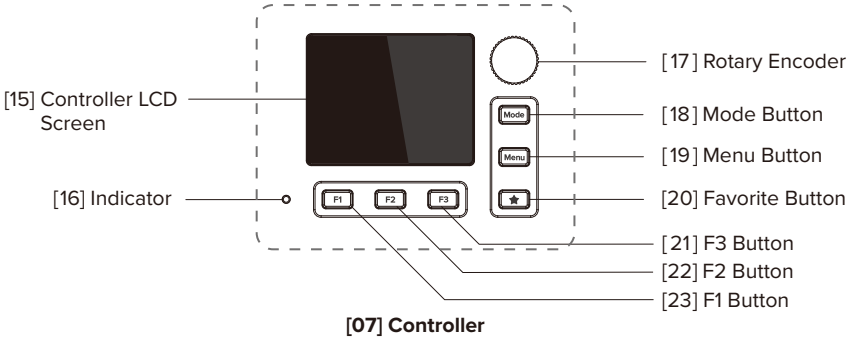
Front **Rear**



Left **Right**

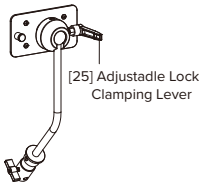
*The Gold-mount Battery option to be followed.



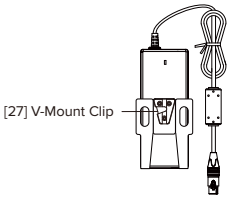


[07] Controller

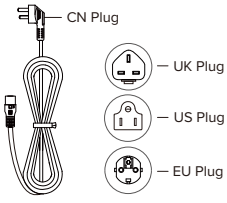
Accessories included in Basic Kit



[24] ZOLAR® Goose-Neck Rear Mount Plate

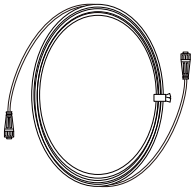


[26] AC DC Power Adapter 36V

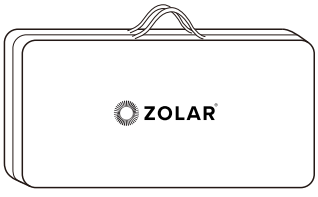


* Power plug varies according to socket types for each country.

[28] AC Power Cable* (CN)

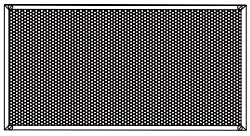


[29] ZOLAR® Controller Cable 8M

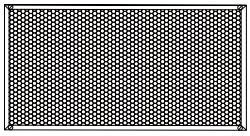


Carrying Case for ZOLAR® Blade 60C

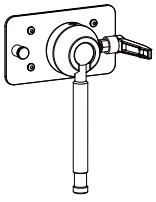
Optional Accessories



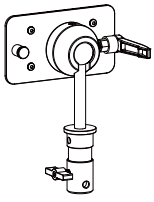
ZOLAR® Honeycomb Grid 30D 60x30



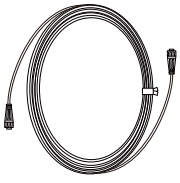
ZOLAR® Honeycomb Grid 60D 60x30



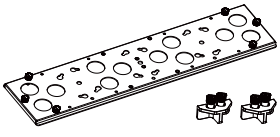
ZOLAR® Rear Mount Plate with Baby Pin



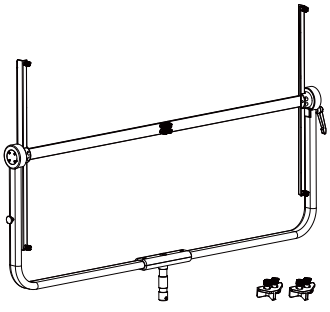
ZOLAR® Rear Mount Plate with Junior Pin



ZOLAR® Controller Cable 16M



ZOLAR® Blade 60C Mounting Accessory Kit



Yoke for ZOLAR® Blade 60C 2x2

Preface

Please read this document carefully in order to understand the ZOLAR® Blade 60C (hereinafter collectively referred to as “this Product”) and use it reasonably. Refer to the official website (www.z-cam.com/zolar) for the latest version of this document and updated product information.

Please contact Shenzhen ImagineVision Technology Limited (hereinafter referred to as “ImagineVision”) or its authorized distributors/resellers, in case of any product queries about installation or operation.

Before You Begin

Please read and follow this Safety Guideline and all the terms associated to this Product carefully, to know your legal rights, responsibilities, and safety instructions, otherwise, it may result in product damages, safety accidents and personal injuries. By using this Product, you hereby signify that you have read, understood, acknowledged and accepted this Safety Guideline and all the terms and conditions associated with this Product, and assume responsibility for any behaviors or consequences. You undertake to use this Product on normal and reasonable purpose, and agree to this Guideline and all the terms and conditions associated with this Product, as added, reduced, amended, modified made by ImagineVision from time to time.

ImagineVision provides no expressed or implied guarantee in relation to this Product, assumes no loss or legal responsibility raised from misuse of this Product contrary to this Safety Guideline and the terms associated to this Product, accepts no indirect, consequent, punitive, occasional, special, criminal-punitive loss or legal responsibility. Under any circumstances, the total liability of ImagineVision shall NOT exceed the price paid by you to ImagineVision for the product.

Safety Guidelines

This Product is not intended for use by persons under the age of 18. Keep out of reach of children.

1. Keep children away when operating the product.
2. Do not stare at the light source as it may cause permanent eye damage.
3. Wear gloves before touching heated surfaces of the product to prevent burns.
4. Wear gloves when touching sharp edges and corners of the product to prevent cuts.
5. Position the power cables so that it will not be tripped over, or accidentally pulled out causing the product to shut down.
6. If an extension power cable is required, the minimum amperage rating should not be less than that of the product’s own power cable.
7. When using the device with AC DC Power Adapter, connect it to a grounded power outlet.
8. Do not place the product near any flammable and/or volatile liquid to prevent potential damages.
9. ZOLAR® Blade 60C is rated IP65. ZOLAR® Blade 60C must NOT be submerged in water.
10. If using the ZOLAR® Blade 60C near water or in the rain, it is recommended to use an earth leakage circuit breaker (RCD or GFI) to protect the user and the device.

Installation

1. Install the ZOLAR® Goose-Neck Rear Mount Plate [24] onto the Quick Mount Plate Base [03] of the LED panel;
2. Mount the LED panel onto light stand through the ZOLAR® Goose-Neck Rear Mount Plate [24], tighten the light stand clamp until the LED panel is firmly secured;
3. Use the Adjustadle Lock Clamping Lever [25] on the ZOLAR® Goose-Neck Rear Mount Plate [24] to adjust to desired position.

Power Supply

◎ Using AC DC Power Adapter 36V

1. Connect ZOLAR® Controller Cable 8M [29] to Receptor Cable [01] of the LED panel;
2. Connect ZOLAR® Controller Cable 8M [29] to Controller Cable Port [12] of the Controller Unit [04];
3. Slide AC DC Power Adapter 36V [26] to the V-Mount Battery Plate [06] from the top, Push gently downwards until lock into position;
4. Connect output power plug of the AC DC Power Adapter 36V [26] to DC Power Input [11] of the Controller Unit [04];
5. Connect AC Power Cable [28] to AC DC Power Adapter 36V [26];
6. Connect AC power plug to AC power outlet (110~240V, 50/60Hz);
7. To disconnect, make sure the Power Switch [09] is in OFF position, unplug AC Power Cable [28] from power outlet, press and hold the safety lock of the AC DC Power Adapter 36V [26] to pull it out from the Controller Unit [04], rotate and hold the safety lock of ZOLAR® Controller Cable 8M [29] to pull it out from the Controller Unit [04], repeat at the other end to pull it out from the Controller Cable Port [01] of the LED panel.

◎ Using Battery*

1. Slide the V-Mount battery to the V-Mount Battery Plate** [06] from the top of the Controller Unit [04];
2. Push gently downwards until lock into position;
3. To unmount the battery, press and hold Quick Release Button [11], then lift the battery upward.

* Only 14.4V~28.8V V-Mount batteries can be used. Not included in the standard package.
**Controller Unit has V-mount and Gold-mount Battery options. The Gold-mount Battery option to be followed.

Power On/Off

1. Verify power supply connection;
2. Turn Power Switch [09] to " I " position;
3. To power off, simply turn Power Switch [09] to "O" position;

Menu Operation

1. Press Menu Button [19] on the Controller [07] to enter the menu;
2. Rotate Rotary Encoder [17] clockwise to move cursor downward, anti-clockwise to move cursor upward. Press to confirm selection. Press Menu Button [19] to return to the upper level menu.

Correlated Color Temperature Adjustment

1. Press Mode Button [18] on the Controller [07] during standby mode, rotate Rotary Encoder [17] to select CCT, press to enter CCT menu;
2. Press F1 Button [23] to enter CCT adjustment mode;
3. Rotate Rotary Encoder [17] clockwise to increase color temperature. Each click increases 50K, highest value is 20,000K;
4. Rotate Rotary Encoder [17] anti-clockwise to decrease color temperature. Each click decreases 50K, lowest value is 2,000K;
5. Press F1 Button [23] again to lock the current color temperature, and quit the CCT adjustment mode.

G/M Color Balance Adjustment

1. Press F2 Button [22] on the Controller [07] during standby mode to enter G/M adjustment menu;
2. Rotate Rotary Encoder [17] clockwise to increase green tones and decrease magenta tones. Each click increases 0.01, highest value is 1.00;
3. Rotate Rotary Encoder [17] anti-clockwise to decrease green tones and increase magenta tones. Each click decreases 0.01, lowest value is -1.00;
4. Press F2 Button [22] again to lock the current value, and quit the G/M adjustment mode.

Intensity Adjustment

1. Press F3 Button [21] on the Controller [07] during standby mode to enter intensity adjustment menu;
2. Rotate Rotaty Encoder [17] clockwise to increase intensity. Each click increases 0.1%, highest value is 100%;
3. Rotate Rotary Encoder [17] anti-clockwise to decrease intensity. Each click decreases 0.1%, lowest value is 0%;
4. Press F3 Button [21] again to lock the current intensity, and quit the intensity adjustment mode.

HSI Mode

1. Press Mode Button [18] to enter Mode menu;
2. Rotate Rotary Encoder [17] to choose HSI mode and press to confirm selection;
3. Press F1 Button [23] to enter Hue adjustment menu, rotate Rotary Encoder [17] to adjust Hue value (range 1° ~ 360°);
4. Press F2 Button [22] to enter Saturation adjustment menu, rotate Rotary Encoder [17] to adjust Saturation value (range 1% ~ 100%);
5. Press F3 Button [21] to enter Intensity adjustment menu, rotate Rotary Encoder [17] to adjust Intensity value (range 1.0% ~ 100.0%).

Indicator[16] Status

Status	Always On	Flashing (0.5s interval)
Red	Error	-
Green	Normal	-
Blue	Art-Net / sACN in use	-
Yellow	Warning: Voltage / Temperature	Firmware upgrade in progress
Magenta	ZolarLink: Master Unit connected	ZolarLink: Master Unit disconnected
Cyan	ZolarLink: Slave Unit connected	ZolarLink: Slave Unit disconnected
White	DMX Input / Output	-

ZOLAR® Mobile App

Scan the corresponding QR code below to download and install ZOLAR® Mobile app, then use Bluetooth or Wi-Fi to connect and control the LED panel.

App Store (iOS)

Google Play (Android)

Visit http://www.z-cam.com/zolar for the ZOLAR® App download link and more product information.

Warranty Policy

Warranty Scope

Warranty Service covers defects in material and workmanship of ZOLAR® Blade 60C product and its accessories and annexes contained therein (hereinafter collectively referred to as “this Product”).

Warranty Period

Warranty Period is 12 months from the date of original purchase. Warranty period will start 90 days from date of shipment according to internal record of Shenzhen ImagineVision Technology Limited (hereinafter referred to as "ImagineVision"), whichever is later, in case of failure to provide valid purchase invoice or other valid proof showing date of original purchase.
Serviced or replacement product will continue to be covered under the original warranty period of the product.

Warranty Arrangement

In case the product is found defective either due to material or workmanship issues by ImagineVision or its designated/approved service partners within the warranty period, ImagineVision or its designated/approved service partners will carry out repair service or product replacement at no cost. Note that all costs and risks associated with the transportation and delivery of the defective product to ImagineVison or its designated/approved service partners shall be borne by the customer.

Limited Warranty

- This warranty is non-transferable and non-assignable, and only applicable to the original purchase customer.
- This warranty does not cover any misused, abused, accidentally or intentionally damaged, altered/deleted serial number product.
- This warranty does not cover repaired or replacement products serviced by non ImagineVision authorized service center or personnel.

Disclaimer

All product features and technical specifications stated are subject to the sole interpretation and explanation of Shenzhen ImagineVision Technology Limited, and subject to change without notice.

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, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment should be installed and operated with minimum distance of 20 cm between the radiator and your body.

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 and, 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 to correct the interference by one or more of the following measures:
· Reorient or relocate the receiving antenna.
· Increase the separation between the equipment and receiver.
· Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
· Consult the dealer or an experienced radio/TV technician for help.

MODIFICATION: Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the device.

RF Warning Statement

This device has been evaluated to meet general RF exposure requirements.

Transmission

Setting transmission frequency on the ZOLAR® Blade 60C is made from 2400 to 2483.5MHz and rated output power is less than 100 mW. Hereby, Shenzhen ImagineVision Technology Limited, declares ZOLAR® Blade 60C is compliance with the essential requirement and other relevant provisions of Directive 2014/53/EU. The EU declaration conformity can be obtained through your local distributor. Please refer to address in packing.
It is available at following internet address: www.z-cam.com/zolar.

⚠Caution

1. The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person.
2. The luminaire is intended for professional use only.

ZOLAR®
Blade 60C

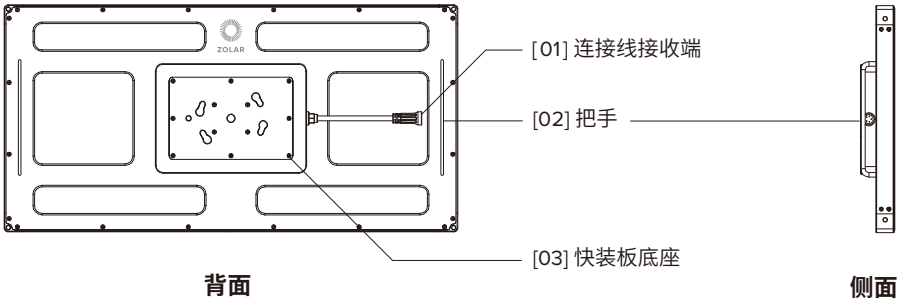
超薄LED平板灯

ZOLAR®

快速使用指南

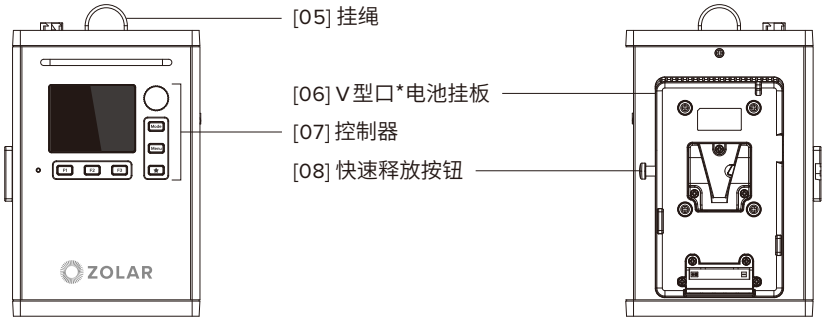
LED 灯板

正面

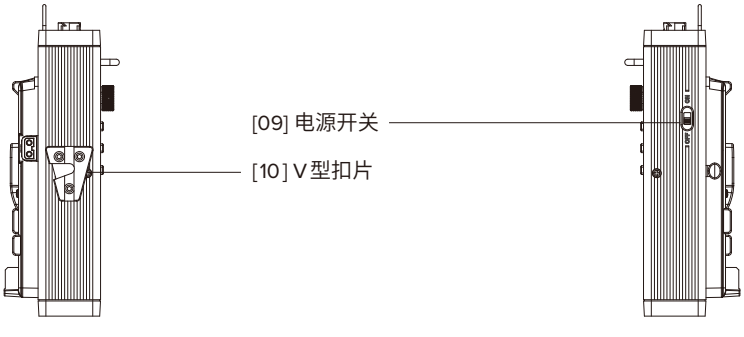


背面　　侧面

控制器单元[04]

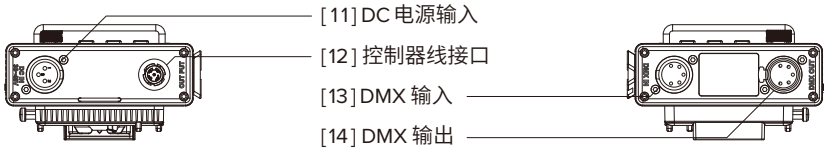


正面　　背面

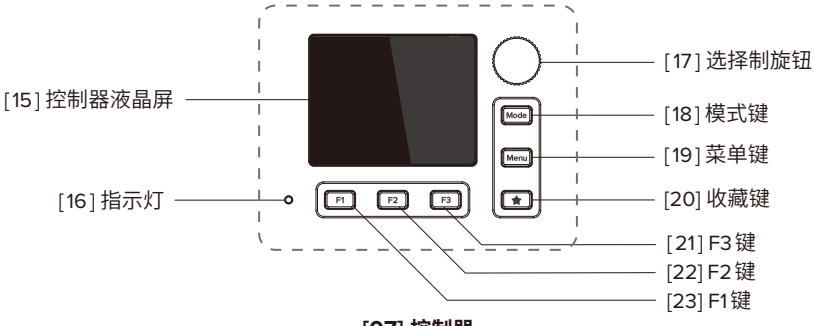


左侧　　右侧

*安顿口版本即将推出。

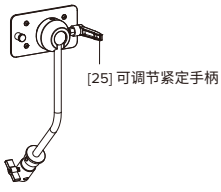


顶部 **底部**

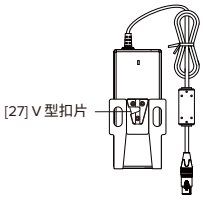


[07] 控制器

基础套装内附配件

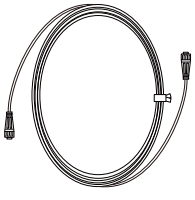


[24] ZOLAR® 鹅颈式安装背板

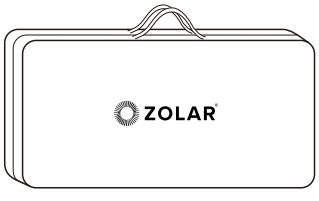


[26] AC DC 电源适配器 36V

[28] AC 电源线* (CN)

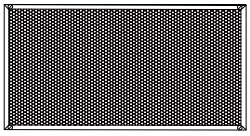


[29] ZOLAR® 控制器线 8M

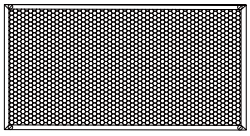


ZOLAR® Blade 60C 便携包

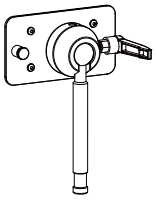
另购配件



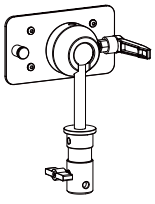
ZOLAR® 蜂巢格 30D 60x30



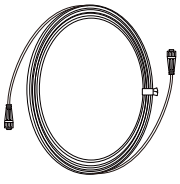
ZOLAR® 蜂巢格 60D 60x30



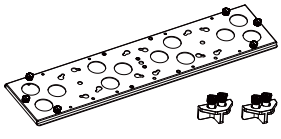
ZOLAR® 直杆式安装背板
Baby Pin



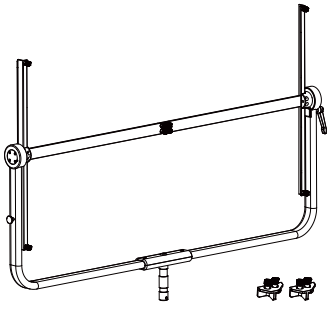
ZOLAR® 直杆式安装背板
Junior Pin



ZOLAR® 控制器线 16M



ZOLAR® Blade 60C
固定配件套装



2x2 Yoke 架
（ZOLAR® Blade 60C 适用）

前言

请仔细阅读此文档以便了解及合理使用 ZOLAR® Blade 60C （以下简称“产品”），此文档之最新版本及产品最新信息以官方网页（www.z-cam.com/cn/zolar）为准。

如果在安装及使用 ZOLAR® Blade 60C 过程中有任何问题，请联系深圳视觉科技有限公司（以下简称“视觉科技”）或其授权之代理商及经销商。

使用须知

使用本产品前，请您务必仔细阅读并遵守本安全指引和本产品相关的全部条款，了解您的合法权益、责任和安全说明；否则，可能带来财产损失，安全事故和人身安全隐患。一旦使用本产品，即视为您已阅读、理解、认可并接受本安全指引和与本产品相关的全部条款和内容，并承诺对使用本产品的行为及因此可能产生的所有后果负责。您承诺仅处于正常、合理的目的使用本产品，并同意本安全指引与产品相关的全部条款以及视觉科技后续可能不时作出的增减、补充、调整。

视觉科技不对本产品提供任何明示或暗示的保证，不承担因您未按照本安全指引或产品相关条款使用本产品所引发的一切损失或法律责任，不承担因您购买、使用或不能使用本产品而遭受的间接性、后果性、惩罚性、偶然性、特殊性或刑罚性的损失或法律责任。在任何情况下，视觉科技因任何损失、损害对您所负总法律责任均不会超出您因购买本产品而向视觉科技支付的金额（如有）。

安全指引

本产品不适合未满十八周岁的人士使用。请勿让儿童接触本产品。

1. 请勿让儿童靠近正在运行中之产品。
2. 请勿直接目视光源，强光可能对视力造成永久性损伤。
3. 请小心避免直接触碰产品发热表面以免烫伤，建议穿戴手套才触碰。
4. 产品边角锋利请小心触碰避免割伤，建议穿戴手套才触碰。
5. 请妥善安放电源线，以免被电源线绊倒或意外拉扯电源线导致产品断电。
6. 如需延长电源线，该延长线之额定电流应不少于产品所配电源线之额定最大电流。
7. 如需使用电源适配器供电，请将电源适配器连接至带接地之插座。
8. 产品请勿置于易燃、易挥发溶剂附近，避免损坏产品。
9. ZOLAR® Blade 60C 的防护等级为 IP65。ZOLAR® Blade 60C 不得浸入水中。
10. 如果在水边或雨中使用 ZOLAR® Blade 60C，建议使用漏电断路器（RCD 或 GFI）以保护用户和设备。

安装

1. 将 ZOLAR® 鹅颈式安装背板 [24] 安装到 LED 灯板的快装板底座 [03] 上；
2. 通过 ZOLAR® 鹅颈式安装背板 [24]将 LED 灯板安装到灯架顶部接口，旋转螺栓直至 LED 灯板安装稳固；
3. 使用 ZOLAR® 鹅颈式安装背板 [24]上的可调节紧定手柄 [25] 以调整 LED 灯板至任意角度。

连接电源

◎ 使用AC DC电源适配器36V

1. 将 ZOLAR® 控制器线 8M [29] 连接到 LED 灯板的连接线接收端 [01] ；
2. 将 ZOLAR® 控制器线 8M [29] 连接到控制器单元 [04] 的控制器线接口 [12]；
3. 将 AC DC 电源适配器 36V [26] 从顶部滑动到 V 型口电池挂板 [06]，轻轻向下推直至锁定到位；
4. 将 AC DC 电源适配器 36V [26] 的电源输出插头连接到控制器单元 [04] 的 DC 电源输入 [11]；
5. 将 AC 电源线 [28] 连接到 AC DC 电源适配器 36V [26]；
6. 将 AC 电源插头连接到 AC 电源插座（110~240V，50/60Hz）；
7. 要断开连接，请确保电源开关 [09] 处于关闭位置，从电源插座上拔下 AC 电源线 [28]，按住 AC DC 电源适配器 36V [26] 的插头安全锁将其从控制器单元 [04] 中拔出，转动并按住 ZOLAR® 控制器线 8M [29] 的插头安全锁，将其从控制器单元 [04] 中拉出，在另一端重复操作，将其从 LED 灯板的控制器线端口[01] 中拉出。

◎ 使用电池*

1. 将 V型卡口电池从控制器单元 [04] 的顶部滑动到 V 型口电池挂板**[06]；
2. 轻轻向下推直至锁定到位；
3. 要卸下电池，请按住快速释放按钮 [08]，然后向上提起电池。

* 只能使用 14.4V~28.8V 的 V 型卡口电池。电池不包含在标准包装中。
**控制器单元电池挂板有 V 型卡口和安顿型卡口两种规格选择。安顿型卡口选项即将推出。

开/关机

1. 确认电源已连接；
2. 将电源开关 [09] 拨至“I”启动位置；
3. 如需关闭电源，将电源开关 [09] 拨至“O”关机位置。

菜单操作

1. 在控制器[07] 上，按一下菜单键[19]，进入菜单列表；
2. 顺时针转动选择制旋钮[17] 向下移动光标，逆时针转动旋钮向上移动光标，按压旋钮确认选择，按一下菜单键[19] 返回上一级菜单。

相关色温调整

1. 在控制器[07]待机界面，按一下模式键[18]，转动选择制旋钮[17]选取色温，按一下进入色温菜单；
2. 在色温菜单，按一下F1键[23]，进入色温调整菜单；
3. 选择制旋钮[17]顺时针转动，提高色温，每转动一格色温提高50K，最高值为20,000K；
4. 选择制旋钮[17]逆时针转动，降低色温，每转动一格色温降低50K，最低值为2,000K；
5. 再按一下F1 键[23]锁定当前色温，并退出色温调整菜单。

G/M 色彩平衡调整

1. 在控制器[07]待机界面，按一下F2键[22]，进入G/M调整菜单；
2. 选择制旋钮[17]顺时针转动，增加绿色调降低洋红色调，每转动一格增加0.01，最大值为1.00；
3. 选择制旋钮[17]逆时针转动，降低绿色调增加洋红色调，每转动一格降低0.01，最小值为-1.00；
4. 再按一下F2键[22]锁定当前G/M比值，并退出G/M调整菜单。

亮度调整

1. 在控制器[07]待机界面，按一下F3键[21]，进入亮度调整菜单。
2. 选择制旋钮[17]顺时针转动，增加亮度，每转动一格亮度增加0.1%，最大值为100%；
3. 选择制旋钮[17]逆时针转动，减少亮度，每转动一格亮度减少0.1%，最小值为0%；
4. 再按一下F3键[21]锁定当前亮度，并退出亮度调整菜单。

HSI 模式

1. 按一下模式键[18]，进入模式选择菜单。
2. 旋转选择制旋钮[17] 选择HSI模式，按压旋钮确认选择；
3. 按一下F1键[23]进入色相调整菜单, 旋转选择制旋钮[17]调整色相数值 (范围为1° ~ 360°)；
4. 按一下F2键[22]进入饱和度调整菜单, 旋转选择制旋钮[17]调整饱和度数值 (范围为1% ~ 100%)；
5. 按一下F3键[21]进入亮度调整菜单, 旋转选择制旋钮[17]调整亮度数值 (范围1.0% ~ 100.0%)。

指示灯[16] 状态

状态	长亮	闪烁（0.5 秒间隔）
红色	错误	-
绿色	正常	-
蓝色	Art-Net / sACN 使用中	-
黄色	警告：电压 / 温度	固件升级进行中
洋红色	ZolarLink 模式：主机已连接	ZolarLink 模式：主机未连接
青色	ZolarLink 模式：从机已连接	ZolarLink 模式：从机未连接
白色	DMX 输入 / 输出	-

ZOLAR® 应用程序

扫描下方二维码，下载并安装 ZOLAR® 手机 App，然后通过无线局域网或蓝牙® 连接控制 LED 灯板。

App Store (iOS)

Google Play (安卓)

腾讯应用宝 (安卓)

访问 http://www.z-cam.com/cn/zolar 获取 ZOLAR® App 下载链接以及更多产品信息。

保修说明

保修范围

对 ZOLAR® Blade 60C 产品及其所含配件、附件（以下统称“产品”）的材料和工艺缺陷提供保修服务。

保修期限

保修期限为原始购买日起计十二个月。若您无法提供购买发票等有效证据证明原始购买日的，则保修期限起算日期由视觉科技按照其内部生产记录之出厂日期向后顺延六十日。

维修或更换的产品在原产品保修期限的剩余时长内享受同等保修服务。

保修方式

在保修期限内，如经视觉科技或视觉科技指定维修中心工作人员判定产品存在材料或工艺缺陷，视觉科技将免费对产品进行维修或者更换为功能相同的产品。注意，将产品送达视觉科技指定维修中心或收集点的任何费用及风险需由用户自行承担。

责任限制：

- 本保修责任不可指定或转让，仅适用于产品初始购买客户。
- 本保修责任不适用于被误用、滥用、意外/人为损坏或序列号被更改/删除之产品。
- 本保修责任不适用于由未经授权人员使用未经授权的替换产品，直接或间接造成的任何缺陷或损坏。

免责声明

深圳视觉科技有限公司对所有产品功能与技术规格参数拥有最终解释权。功能、规格、参数如有更改，恕不另行通知。

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。

安装和操作本设备时，设备与您的身体之间的距离至少应为 20 厘米。

【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。这些限制旨在合理避免居住场所安装存在的有害干扰。

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信号接收造成有害干扰（可通过开关设备确定），那么建议用户尝试使用以下一种或多种措施来消除干扰：

· 调整接收天线的方向或位置。
· 增加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/电视技术人员以获得帮助。

【修改】未经 ZOLAR™ 授权擅自更改或修改本产品，可能会使您丧失操作本产品的权限。

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。

传输

ZOLAR® Blade 60C 的设置传输频率为 2400 至 2483.5MHz，额定输出功率小于 100mW。
深圳视觉科技有限公司特此声明 ZOLAR® Blade 60C 符合指令 2014/53/EU 的基本要求和其他相关规定。
欧盟符合性声明可以通过您当地的经销商获得。请参考包装上的地址。
可从以下网址获得：www.z-cam.com/cn/zolar

⚠ 警告

1. 本灯具所含的光源只能由制造商或其服务代理及其他合格人员更换。
2. 灯具仅供专业使用。