CLAR

S60
Focusing LED Light

It's all possible with
CLAR Wireless LED.

Foreword

The **CLAR** S60 Focusing LED Light is the remarkable solution for precision spot to flood LED lighting for all videography where excellence is the priority. The lightweight system utilizes an integrated optical system that projects a superbly graduated soft 6 to 55-degree throw, 40,000 (spot) to 3,200 (flood) lux at 1 meter/3.28 feet, with a TCLI beyond 97Qa and CRI over 96Ra for pure color heaven. Of course, you can electronically control brightness levels stepless, with values displayed clearly on the LCD information panel, while enjoying the gentle precise tight to wide beam illumination.

The build is tough. Solid aircraft grade aluminum for a light time of use. So lightweight at 3 pounds that it begs to be present for all opportunities that call for serious lighting. Small, yet powerful and adept, primed for professional delivery of creative and essential lighting without the mass and size usually associated with such a formidable feature-laden productive unit. Mobile versatility on location and in the studio. The tiny form factor is the key to masterfully placed lights for serious and precise placement.

Quiet on the set! Not a sound heard from the light fixture to disturb a sound recording session, even though an aggressive fan cooled ventilation assures stability. We don't mean to boast, but our diminutive COB LED soars into incandescence land - where only tungsten halogen once ruled – without a semblance of heat and just a whisper of imperceptible sound from its brainy efficient cooling system.

Features

- Optical excellence provides soft and even light at any angle setting, from spot to flood.
- High 97+ TLCI and 96+ CRI ratings guarantee natural, pure color.
- Consistent color temperature within 300°K of Daylight.
- Great for videographers, portrait shooters, performance and event coverage, product shots and anyplace LED precision is the goal.
- Lightweight and cool performance invite longtime lamp life
- Acts as an inky spot to a swath of flood coverage with the twist of a knob.
- Built-in wireless 2.4GHz remote control for up to 164ft with the optional controller.
- Multiple sources of power free the S60 LED for use almost anywhere.
- Silent treatment for audio purity during recording sessions.
- Quality construction through and through.
- Marvelous range of accessories to master the light.

⚠ Safety Warnings

- Do not disassemble or modify. Should the product break down, send the defective back to the authorized service center for inspection and maintenance.

- Keep dry. Do not handle with wet hands, immerse in water, or expose to rain. Do not place in high temperature or high humidity conditions.

- Keep out of reach of children.

- As this product adopts make and break device, please keep it easy to be used.

- Disconnect from the power supply when it will not be used for an extended period.

- If this product overheats, it will cease operation and resume working after cooling down. This is due to the built-in overtemperature protection.
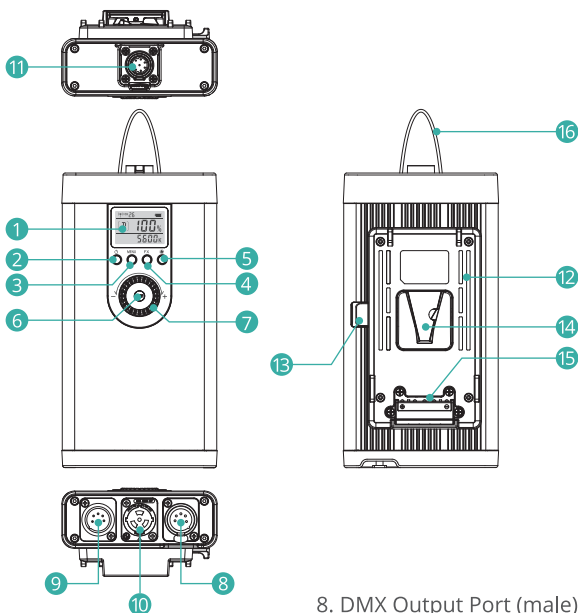
CLAR S60 Nomeclature

• S60 Lamp
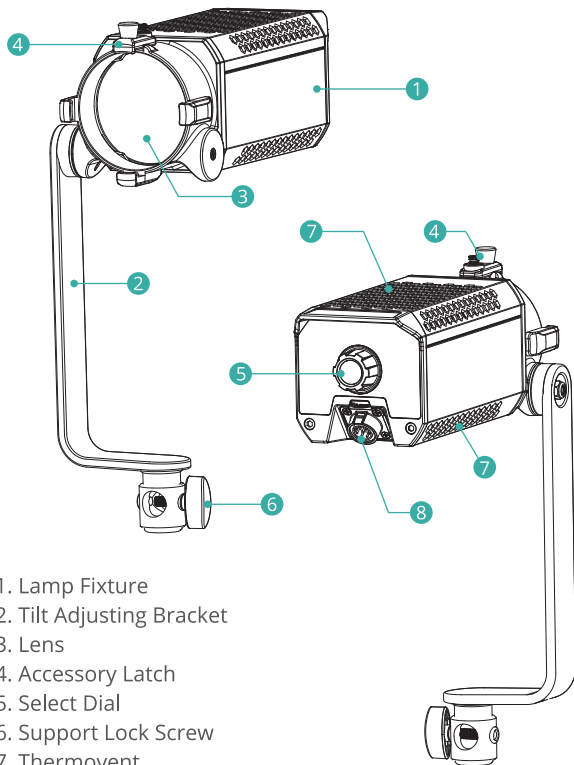
1. Lamp Fixture
2. Tilt Adjusting Bracket
3. Lens
4. Accessory Latch
5. Select Dial
6. Support Lock Screw
7. Thermovent
8. Power Socket

• Controller

1. Display
2. Power Switch
3. MENU Button
4. FX Button
5. Fan Switch
6. SET Button
7. + - Select Dial
8. DMX Output Port (male)
9. DMX Output Port (female)
10. Power Input
11. Power Output
12. Battery Clip
13. Battery Release Button
14. Battery Compartment
15. Battery Base
16. Steel Cable Loop

Included Items

Light

Controller

Barndoor Set

Wrench

Connect Cable

Power Cable

Bag

Optional Accessory

The Clar S60 can be used in combination with the following accessories sold separately, for exceptional effects.

SA-P
Projection Attachment
(included a **SA-01** 85mm Lens)

SA-01
85mm Lens

SA-02
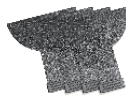60mm Wide-angle Lens

SA-03
150mm Telephoto Lens

SA-05
Scrim Set

SA-06
Iris Diaphragm

SA-07
Framing Shutter

SA-09
GOBO Set

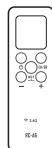**SA-10**
GOBO Holder

SA-11C
(Color effects set)
SA-11T
(Color temperature adjustment set)
Color Filter

RC-A6
Remote Control

Power Supply

• AC Power Supply

1. Insert the two ends of the power source connect cable into the controller's power output port and the light's power input port until a "click" can be heard.

2. Insert the power cable's output end into the controller's input port. Then, rotate it clockwise to 15° until a "click" can be heard.

3. Connect power cable into the power source.

   To remove the Connect Cable, press the PUSH Button and carefully pull the cable simultaneously.

   To remove the Power Cord, depress the PUSH Button on the end of the cord and rotate the cord 15 counterclockwise. Extract carefully.

• V-port Battery Power Supply (Optional)

Install the V-port battery onto the controller's battery compartment. Power, power the light on to operate.

Note: Only use a standard V-port battery with 14.8V voltage. Do not supply power with a battery whose voltage is over 16.8V.
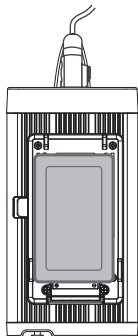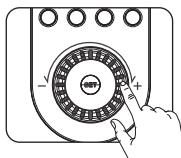
Operation

• Power switch:

Short press the power switch, to turn on the S60. The Clar S60 LED lamp illuminates. Press the button again to turn off the light.
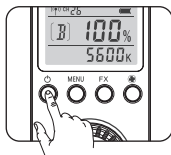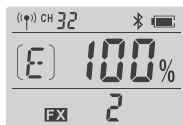
• Brightness adjustment:

The Home Screen is the main interface. Turn the select dial to adjust brightness from 0% to 100%.

• Light effects setting:

While in the Home Screen, short press the FX button once to enter the setting interface. Turn the select dial to choose light effects from OFF and 1 to 8.

Display	FX1	FX2	FX3	FX4	FX5	FX6	FX7	FX8
Scene	Flash 1	Flash 2	Flash 3	Storm 1	Storm 2	Storm 3	TV	Broken bulb

Short press the FX button or SET button to exit from the FX light effects mode and back to the main interface after settings finished are complete.

Note: If a light effect is selected from 1 to 8, the FX icon and light effect will be displayed on the main interface. Brightness levels are adjustable when the FX mode is active. The color temperature will not be displayed.

- Silent Mode:

  While in the Home Screen, short press the Fan button ⊗ to turn the cooling fan on or off. The S60 enters Silent Mode. The brightness level is limited to 0% to 50%.
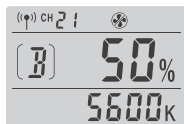
Note: The cooling fan runs by default and the brightness range is 0% to 100%.

Control Mode Selection

1. 2.4G Wireless Control

The CLAR S60 LED light features built-in wireless 2.4GHz connectivity with the optional RC-A6 remote controller, for individual and light group values.

Multiple LED lights can be controlled. 32 channels and 99 IDs are available for keeping the signal interference free.

> **Note:** 1. Please set the LED light's Channel, Group and ID to the same as remote control's.
>
> 2. The wireless signals can only be received while the LED light is powered on.

CH Channel Adjustment/GR Group Adjustment/ID Value Adjustment

In the main interface, short press MENU button once and turn the select dial to adjust Channel, Group and ID values.
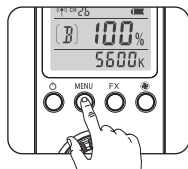
In the CH channel setting interface, short press the SET button the channel icon flashes. Turn the select dial to choose a Channel from 1 to 32. Press the SET button to confirm. The icon stops flashing.
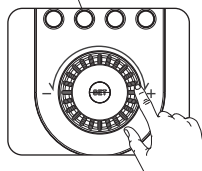
In the GR group setting interface, short press the SET button. The group icon flashes. Turn the select dial to choose the Group, from A to F and 0 to 9. Press the SET button to confirm. The icon stops flashing.

In the ID value setting interface, short press the SET button. The group icon flashes. Then, turn the select dial to choose a value from OFF and 1 to 99. Press the SET button to confirm. The icon stops flashing.

After setting all these parameters, short press the SET button to confirm and return to the main interface.

Note: The LED light will automatically return to the main interface if there's no operation after 10 seconds.

2. Bluetooth Control

2.1 Bluetooth Mode Display & RESET Function. Check the Bluetooth code: in the main interface, short press the MENU button. Press the select dial to switch the icons. The Bluetooth icon appears in the display panel.

Bluetooth reset function: in the Bluetooth Mode Code interface, long press the SET button for 2 seconds and the Bluetooth icon flashes to indicate the reset sequence. Resetting: the icon stops flashing after a successfully reset. Then, short press the MENU button to return to main interface.

Note: The S60 retains the Bluetooth link info for the installed device after turning off the lamp. There is no need to relink. The S60 will recognize the last Bluetooth connection parameters.

When changing devices, reset (forget) the old Bluetooth setting and connect the new device to use the APP.

2.2 Scan the QR code to download the "Godox Light" smartphone APP for use with Apple or Android devices.
For more smartphone APP operations, please open the "help" in APP to gain detailed guidance.

3. DMX Control Mode

In main interface, short press the MENU button once and turn the select dial until the DMX icon is displayed. Short press the SET button and the icon flashes. Then, turn the select dial to set the DMX channel from 1 to 512. Then, short press the SET button to confirm the setting. The DMX icon returns to normal. Short press the MENU button to return to the main interface.

DMX Parameters:

Operation Mode Code	CCT	FX	Note
n(Mode)	0-51	52-255	
n+1	DMX*(100/255) Integer 0-100% Brightness	DMX*(100/255) Integer 0-100% Brightness	
n+2		DMX*(total light effects/255)	For example: total light effects 8 , DMX=160, light effects No.=160*8/255=5

Technical Data

Focusing LED Light	CLLCLS60		
Power Supply	AC Power Supply	100-240V 50/60Hz 0.9A	
	V-port battery	Standard voltage: 14.8V (optional)	
Output Power	60W		
Color Temperature	5600°K±300°K		
100% Illuminance (LUX)	Flood (Central Area)		3200
(3.3ft/1m, darkroom)	Spot (Central Area)		40000
CRI	≥96 Ra		
TLCI	≥97 Qa		
Brightness Range	0%~100%		
Channel (CH)	32 (1 to 32)		
Group (GR)	16 (A to F/0 to 9)		
Beam Angle	6°~55°		
Working Environment Temperature	14 ~ 104°F / -10 ~ 40°C		
Control Method	Smartphone APP 2.4G wireless remote control		
	DMX control		
2.4G Wireless Transmission Distance	164ft / 50m		
Dimension	Light body: 13.4 × 4.2 × 3.9in / 264 × 7 × 100mm		
	Controller: 10.5 × 4.4 x 2.5in / 268 × 113 × 64mm		
New weight	Light body: 48oz / 1.36kg		
	Controller: 33.2oz / 0.94kg		

*Product design and specifications are subject to change without notice.

Care Procedures

• Don't attempt to modify the unit yourself. If it becomes damaged, please contact your vendor or take it to an authorized repair service. Do not disassemble this equipment. Touching the product's internals could result in injury. In the event of a malfunction, the product should be repaired only by a qualified technician.

• Use prudence and attach to a support with the stand adapter.

• After using the light for extended periods, allow it to cool before storing, to avoid damage to the electronic components.

• Don't use the light to support any other equipment or lift your imaging device by the unit.

• Please use the soft dry cloth to clean the light. If necessary, carefully wash with a cloth dampened with neutral detergents, and then dry with a soft cloth.

FCC 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.

Any 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 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.

One Year CLAR Limited Warranty

CLAR warrants to the original purchaser that your CLAR product shall be free from defects in material and workmanship for the period of one (1) year from the date of purchase (or delivery as may be required in certain jurisdictions), or thirty (30) days after replacement, whichever comes later.

CLAR's entire liability and your exclusive remedy for any breach of warranty shall be, at CLAR's option, to repair or replace the hardware, provided that the hardware is returned to the point of purchase or such other place as CLAR may direct with a copy of the sales receipt or dated itemized receipt. CLAR may, at its option, replace your product, offer to provide a functionally equivalent product, or repair any product with new, refurbished or used parts as long as such parts are in compliance with the product's technical specifications. Any replacement hardware product will be warranted for the remainder of the original warranty period or thirty (30) days, whichever is longer, or for any additional period of time that may be applicable in your jurisdiction. If the product has been discontinued, the warranty provider reserves the right to replace it with a model of equivalent quality and function.

This warranty does not cover problems or damage resulting from accident, abuse, misapplication, or any unauthorized repair, modification or disassembly, improper operation or maintenance, normal wear and tear, or usage not in accordance with product instructions or connection to improper voltage supply, use of consumables, such as replacement batteries, not supplied by CLAR, except where such restriction is prohibited by applicable law.

Except where prohibited by applicable law, this warranty is nontransferable and is limited to the original purchaser and the country in which the product was purchased. This warranty gives you specific legal rights, and you may also have other rights, including a longer warranty duration that may vary under local laws.

To start a warranty claim, contact the CLAR Customer Service Department to obtain a return merchandise authorization ("RMA") number, and return the defective product to CLAR, along with the RMA number and proof of purchase.

Question about our product line? Need Product Support?

CLAR is the light leader. You have a mighty lighting tool to accomplish exquisite images bursting with creative expression. Continuous light is not hampered by guide number restrictions. The imagemaker has ultimate control with absolute assure that the image on the preview screen correctly portrays the captured vision.

Enjoy your purchase and keep in touch with us as your gain experience and the pleasure of producing exciting and unique imaging with CLAR.

We are proud of our products and celebrate our customers.
We are with you, from product selection to everyday use.
Be secure with your purchase and reach us as you need.

Email us: brands@adorama.com

Call: 212-647-9300

Address: Adorama Brands,
42 West 18th Street,
New York, NY 10011

You can always contact us at **BRANDS@ADORAMA.COM** for personal technical support. Our web site contains a wide range of Support and FAQ pages with valuable technical assistance.

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