



CLAR

**WL8P**

Waterproof  
LED Light



## Foreword

Thank you for purchasing **Adorama** product!


Waterproof LED light WL8P features The waterproof LED light WL8P is specially designed for underwater photography. It not only has IP68 (waterproof depth of 10 meters) performance, but also freely switch between cold and warm color temperature. The brightness of the WL8P lamp body can be adjusted at any time. It has built-in 22 kinds of FX light effects and a large-capacity lithium battery. It is suitable for outdoor underwater shooting, professional diving lighting, underwater commercial photography and other scenes, creating a variety of creative lighting effects.

Mobile APP intelligent control, flexible and convenient. Please safe-keep the instruction including warranty certification for future reference.

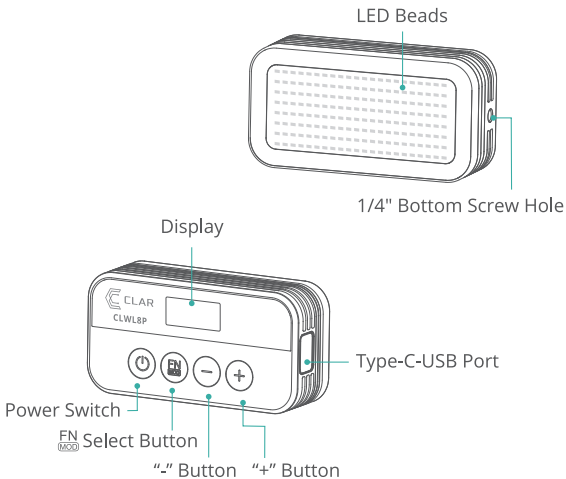
## Feature

- Built-in 160 LED beads, high brightness, wide illumination range.
- With IP68 waterproof performance, it can be waterproof to 10 meters underwater
- CCT dual-color adjustment of warm and cool color temperature from 2700K to 8500K.
- 22 kinds of FX light effects to create various video scenes.
- 2900mAh built-in lithium battery with long using life span, continuous working up to 1 hours with 100% brightness.
- Support mobile APP intelligent control, convenient and easy to operate.
- 263g light weight, compact and portable.
- CRI 96+, it produces high accurate color renditions.
- TLCI index 97+, it delivers pristine and natural results.

## Safety Warnings

- Do not disassemble. Should repairs become necessary, this product must be sent to an authorized maintenance center.
  - Keep out of reach of children.
  - Do not use the product in the presence of flammable gas. In certain circumstance, please pay attention to the relevant warnings.
  - The built-in lithium battery is forbidden to be disassembled, hit, squeezed or put into fire. If there is severe swelling, please do not continue to use it.
  - Do not leave or store the product if the ambient temperature reads over 40°C.
  - Always use dedicated chargers for charging, and use them within the specified voltage and temperature range following the operating instructions.
-  The product's body will get hot when being used in hightemperature environment with max. power output for a long time. Please do not touch the body in case of being scalded.

## Body



## In the Box



• Waterproof Light



• Cold Shoe



• Type-C USB Cable



• Diffuser



• Instruction Manual



• Carry Case

## Battery

1. Product with built-in non-detachable lithium battery.
2. Battery circuit has overcharge protection, overdischarge protection, overcurrent protection, and short circuit protection.
3. Using 5V/2A power adapter (not included), it takes about 2 hour to fully charge.

**Tip:** To perform charging and using at same time, please use a 5V/2A power adapter. If the battery (due to overdischarge or unused for a long time) is in a state of power loss, please firstly charge it for a while to release the power loss state, then the charging and using at same time can be performed.

# Operation

## 1. Power on

Long press  power switch for 1.5 seconds to turn on or off the LED light.

## 2. Mode selection: CCT/FX/Bluetooth

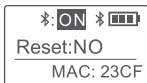
Long press FN/MOD selection button to switch the mode and functions.



CCT shown in the upper left corner of the display, it is bio-color temperature mode.



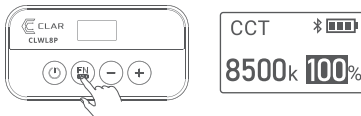
FX shown in the upper left corner of the display, it is FX light effects mode.



The bluetooth symbol, Reset, bluetooth code, etc. are shown on the display, it is the bluetooth setting function interface.

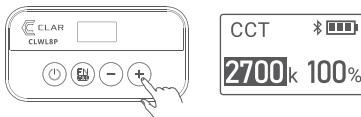
## 2.1 Bi-color mode

2.1.1 Short press FN/MOD select dial to switch color temperature adjustment and brightness adjustment.



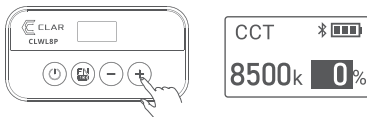
### 2.1.2 Color temperature adjustment

Press the "+" button to increase the color temperature value while "-" button to decrease. Short press the button once and the color temperature value will change in 100K. Long press the button to adjust the value from 2700K to 8500K quickly.



## 2.1.3 Brightness adjustment

Press the “+” button to increase the brightness value while “-” button to decrease. Short press the button once and the color temperature value will changes in 1%. Long press the button to adjust the value from 0 to 100% quickly.



## 2.2 FX Light Effects Mode (22 kinds)









Short press FN/MOD select button to switch FX effects mode selection and its brightness adjustment.

**2.2.1** Press the FN/MOD select button to enter light effects modes. Then, short press the “+” and “-” to switch the 22 effects in recycle while long pressing to change them quickly.





## FX Light Effects (22 kinds in 8 categories)

No.	Display	Scene	Display I	Display II	Display III
1		Flash	Flash	Press conference	Paparazzi
2		Lightning	Discontinuous	Frequent	Sustainable
3		Broken Bulb	Discontinuous	Frequent	Sustainable
4		TV	Slow speed	Medium speed	Quick speed
5		Candle	Discontinuous	Frequent	Sustainable
6		Fire	Firewood	Bonfire	Fire
7		Fireworks	Short	Continuous	Performance
8		Strong Light	Strong Light		

### 2.2.2 FX Brightness Adjustment

Press the “+” button to increase the brightness value while “-” button to decrease. Short press the button once and the color temperature value will changes in 1%. Long press the button to adjust the value from 0 to 100% quickly.

## 2.3 Bluetooth Settings

**2.3.1** Short press FN/MOD Select button to switch Bluetooth ON/OFF and Bluetooth Reset.

### 2.3.2 Bluetooth ON/OFF

Short press the “+” button or the “-” button to turn on or off Bluetooth.

**2.3.3** Scan QR code following to download the “GodoxLight” mobile APP (available for both Android and Apple systems).



For more smartphone APP operations, please open the “help” in APP to gain detailed guidance.

### 2.3.4 Bluetooth Reset

Short press the “+” button or the “-” button to reset the Bluetooth. “Reset” appears on the display, indicating that Bluetooth is resetting.

**Note:** the APP can be used directly on the firstly installed device (smartphone or tablet). When changing to other mobile device, the light shall be reset before the normal usage of APP.

## Technical Data

Model	CLWL8P
Built-in Lithium Battery	3.7 V/2900 mAh/10.73 Wh
Standard Charging Power Source	DC 5V/2A
Power	10 W
Waterproof and Dustproof Grade	IP68 (10 m)
Color Temperature Range	2700K ~ 8500K
CRI (≈)	96
TLCI (≈)	97
Brightness Range	0% -100%
Bluetooth Transmission Distance on Land	10 m
Continuous Working Time	100% brightness ≥ 1h
Control Method	Mobile phone APP
Working Environment Temperature	-10°C ~ 40°C
Dimension	11 cm × 5.7 cm × 3.25 cm
Net Weight	263 g
BT Frequency Range	2402.0 - 2480.0 MHz
Max. Transmitting Power	5dbm

## Maintenance


- Please wash the LED light with clean freshwater after being used underwater.
- This product, except consumables e.g. charger cable and cold shoe and other accessory, is supported with a one-year warranty.
- Unauthorized service will void the one-year LED light warranty and will charge relevant maintenance fees.
- All repairs and maintenance must be carried out by authorized maintenance center.
- Changes made to the specifications or designs may not be reflected in this manual.

## 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.

The device has been evaluated to meet general RF exposure requirement.

The device can be used in portable exposure condition without restriction.

## Bare Bulb

Temperature\Distance	0.5 m	1 m	2 m
2800K	1070 (lux)	279 (lux)	75.6 (lux)
	99.8 (fc)	25.9 (fc)	7.03 (fc)
3200K	1100 (lux)	285 (lux)	78 (lux)
	102 (fc)	26.5 (fc)	7.25 (fc)
4300K	1160 (lux)	300 (lux)	82.1 (lux)
	107 (fc)	27.9 (fc)	7.63 (fc)
5600K	1180 (lux)	308 (lux)	83.6 (lux)
	109 (fc)	28.6 (fc)	7.77 (fc)
6500K	1200 (lux)	314 (lux)	85.3 (lux)
	112 (fc)	29.1 (fc)	7.93 (fc)
8500k	1250 (lux)	323 (lux)	88 (lux)
	116 (fc)	30 (fc)	8.19 (fc)

## With Diffuser


Temperature\Distance	0.5 m	1 m	2 m
2800K	456 (lux)	116 (lux)	32.4 (lux)
	42.4 (fc)	10.8 (fc)	3.01 (fc)
3200K	467 (lux)	119 (lux)	33.2 (lux)
	43.4 (fc)	11.1 (fc)	3.09 (fc)
4300K	490 (lux)	127 (lux)	35.2 (lux)
	45.5 (fc)	11.8 (fc)	3.27 (fc)
5600K	502 (lux)	129 (lux)	35.9 (lux)
	46.6 (fc)	12 (fc)	3.3 (fc)
6500K	515 (lux)	131 (lux)	36.6 (lux)
	47.8 (fc)	12.2 (fc)	3.4 (fc)
8500k	529 (lux)	136 (lux)	37.8 (lux)
	49.2 (fc)	12.6 (fc)	3.51 (fc)



## 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](mailto: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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