



# WL4B

## Waterproof LED Cube Light



## Foreword


Thank you for purchasing **Adorama** product!

Waterproof LED light CLWL4B is a multifunctional continuous light with adjustable light brightness. It can be used in combination with sports camera. Suitable for offering fill light for underwater photography, professional diving, creative underwater commercial photography, etc. With several methods of remote control, CLWL4B is easy to be operated.

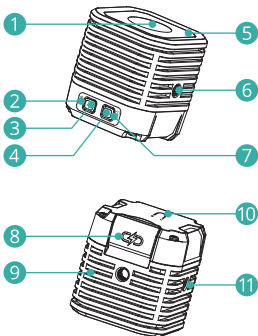
## Feature

- Waterproof levels up to IPX8, which enables to achieve waterproof functions 30 meters under water.
- With continuous lighting modes and 13 light effects modes.
- With high color rendering index, CRI and TLCI is over 96.
- Can be controlled by 2.4G wireless or smartphone APP remote control through Bluetooth.
- Portable and fashionable.

## 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 flash unit in the presence of flammable gases, chemicals and other similar materials. In certain circumstance, these materials may be sensitive to the strong light emitting from this flash unit and fire or electromagnetic interference may result.
  - As this product has built-in lithium battery, do not disassemble, impact, squeeze or put it into fire. If serious bulge occurs, please do not use. Do not use or store the product if the ambient temperature reads over 40°C. Please charge the product with specialized charger and correctly operate it within the defined voltage and working temperate according to the instruction manual.
-  The product's body will get hot when being used in high-temperature environment with max. power output for a long time. Please do not touch the body in case of being scalded.

## Body



- 1. LED Beads
- 2. Bluetooth Indicator
- 3. \*Bluetooth Switch Button
- 4. Power Switch Button
- 5. Lens
- 6. 1/4" Socket 1
- 7. Battery Level Indicator
- 8. USB Charging Port
- 9. 1/4" Socket 3
- 10. Magnetic Absorption
- 11. 1/4" Socket 2

## In the Box



• Light Body



• Cold Shoe  
Holder



• Type-C  
USB Cable



• Silicone  
Diffuser



• Instruction  
Manual





• Portable  
Bag

## Battery

1. This flash unit uses Li-ion battery which has long runtime.
2. It is reliably safe. The inner circuit is against overcharge, overdischarge, overcurrent, and short circuit.
3. Take only 1 hour and 40 minutes to fully charge the battery by using the 5V/2A charger (optional).



## Operation

### Button

Long press the  button for 2 seconds to power on or off the LED light. Short press the  button to decrease the LED light's brightness (low/medium/high/SOS).

**Note:** the minimum brightness will be displayed after the light being turned on.

### \* Button

When the LED light is powered on, Long press the \*  button for 2 seconds can power on or off the Bluetooth. Short press the \*  button to increase the LED light's brightness (low/medium/high/SOS).

## Battery Level Indication

When the battery level is below 15%, the battery indicator will blink in red. When in charging status, the indicator will always display green. When being full charged, the indicator will put off.

## Control Mode Selection

### 1. Bluetooth Control

- 1.1 When the light is turned on, long press the \*Ⓜ button for 2 seconds to power on the Bluetooth.
- 1.2 Scan the smartphone APP(can be both used on Android and Apple system).



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






#### 1.3 Bluetooth Reset Function

When the Bluetooth indicator is on, press the \*Ⓜ and Ⓜ® (the indicator will blink for 3 times) simultaneously to reset the Bluetooth.

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

## 2. Light Effects Mode

Select different light effects modes on smartphone APP from 5 categories which are divided into 13 kinds.

Number	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		SOS			

## 3. Temperature Protection Function

When the temperature of LED light is over 60°C, the red indicator will blink quickly and the LED light will auto off after 30 seconds to enter temperature protection function. The red indicator will stop quick blinking after the temperature decreased to 55°C. Then, the LED light can be turned on and operated.

## Technical Data

Model	CLWL4B
Built-in Lithium Battery	3.8V/1500mAh
Power	Max. 4W
Waterproof Level	IPX8 (30m)
Color Temperature Range	5600K $\pm$ 300K
Max. Illumination (LUX) (0.5m)( $\approx$ )	1900
CRI ( $\approx$ )	97
TLCI ( $\approx$ )	97
Brightness Range	Low/Medium/High/SOS
Beam Angle	55°
Continuous Usage Time	High brightness $\approx$ 1 hour and 20 minutes Medium brightness $\approx$ 2 hours Low brightness $\approx$ 5 hours and 30 minutes
Standard Charging Power Source	DC5V/2A
Control Method	Smartphone APP
Working Environment Temperature	-10~40°C
Dimension	45 × 45 × 47mm
Weight	116g
BT Frequency Range	2402.0-2480.0MHz
Max. Transmitting Power	5dbm



## Maintenance

Please wash the LED light with clean freshwater after being used underwater.

Maintenance of the flash must be performed by our authorized maintenance department which can provide original accessories.

This product, except consumables e.g. charger, charger cable and cold shoe holder is supported with a one-year warranty.

Unauthorized service will void the one-year LED light warranty and will charge relevant maintenance fees.

Changes made to the specifications or designs may not be reflected in this manual.

## Applicable Products

The document applies to the products listed on the **Product Maintenance Information** (see below for further information). Other products or accessories (e.g. promotional items, giveaways and additional accessories attached, etc.) are not included in this warranty scope.

## Warranty Period

The warranty period of products and accessories is implemented according to the relevant Product Maintenance information. The warranty period is calculated from the day (purchase date) when the product is bought for the first time, and the purchase date is considered as the date registered on the warranty card when buying the product.

## How to Get the Maintenance Service

If maintenance service is needed, you can directly contact the product distributor or authorized service institutions. You can also contact the **Adorama** after-sale service call and we will offer you service. When applying for maintenance service, you should provide valid warranty card. If you cannot provide valid warranty card, we may offer you maintenance service once confirmed that the product or accessory is involved in the maintenance scope, but that shall not be considered as our obligation.

## Inapplicable Cases

The guarantee and service offered by this document are not applicable in the following cases:

1. The product or accessory has expired its warranty period.
2. Breakage or damage caused by inappropriate usage, maintenance or preservation, such as improper packing, improper usage, improper plugging in/out external equipment, falling off or squeezing by external force, contacting or exposing to the improper temperature, solvent, acid, base, flooding and damp environments, etc.
3. Breakage or damage caused by non-authorized institution or staff in the process of installation, maintenance, alternation, addition and detachment.
4. The original identifying information of product or accessory is modified, alternated, or removed.
5. No valid warranty card.
6. Breakage or damage caused by using illegally authorized, nonstandard or non-public released software.
7. Breakage or damage caused by force majeure or accident.
8. Breakage or damage that could not be attributed to the product itself.

Once met these situations above, you should seek solutions from the related responsible parties and **Adorama** assumes no responsibility. The damage caused by parts, accessories and software that beyond the warranty period or scope is not included in our maintenance scope. The normal discoloration, abrasion and consumption are not the breakage within the maintenance scope.

## Maintenance and Service Support Information

The warranty period and service types of products are implemented according to the following Product Maintenance Information:

Product Name	Name	Maintenance Period(month)	Warranty Service Type
Parts	Circuit Board	12	Customer sends the product to designated site
	Battery	3	Customer sends the product to designated site
	Electrical parts e.g. battery charger, power cord, sync cable, etc.	12	Customer sends the product to designated site
Other Items	Flash tube, modeling lamp, lamp body, lamp cover, locking device, package, etc.	No	Without warranty

## 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](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.

CLAR is a registered trademark of ADORAMA CAMERA.

© 2021 Adorama Inc. All Rights Reserved.

**CLWL4B**

Adorama Inc., New York, NY  
[www.adorama.com/ourbrands](http://www.adorama.com/ourbrands)