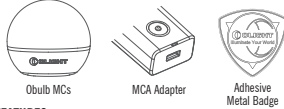




Obulb MCs

Thank you for purchasing this Olight Product. Please read this manual carefully before use and keep it for future reference!

IN THE BOX



FEATURES

- 8 light modes: White light (low), White light (high), Red, Green, Blue, Fade between colors, Cycle between colors, Flashing red.
- IPX7 waterproof and 1.5-meter impact-resistant, the Obulb MCs can be a good pool light and game partner.
- Short press the intuitive rubber-coated button to switch on and cycle through 8 light modes, or long press to turn off.
- Lightweight and small, the light orb fits well in your pockets or backpacks for everyday carry.
- When charging, the light will automatically enter into motion sensor mode (In bright conditions, it will automatically turn off; in darkness, it will turn on when people come, and turn off after people leave). This mode has a stepless dimming function; user can adjust the brightness level at a range of 5%-100%. The user can also turn off the motion sensor as needed. Motion sensor distance: 0-5m (The sensing distance will be further if the Obulb MCs is placed horizontally in a smaller space).

SPECIFICATIONS

MODE		
WHITE LIGHT(HIGH)	75lumens	3h
WHITE LIGHT(LOW)	3.5lumens	40h
COLOR FANTASY	* 3-7 lumens	7h
1.5m	IPX7	(Φ)54*(H)48mm (Φ)32*(H)19)35mm 60g / 2.12oz

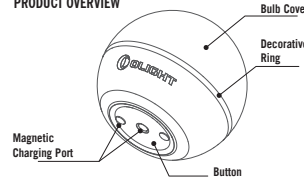
* The luminous flux of color fantasy is not fixed due to color changing.
* All data above are test results according to ANS/NEMA FL 1-2009 standards.

MCA ADAPTER

Parameter	Specification
INPUT	100-240V AC 50/60Hz
USB TYPE-A PORT OUTPUT	5.0V --- 2.4A
MAGNETIC PORT OUTPUT	4.2V --- 2A Max
CHARGE INDICATOR	Blue : charging Off: The product is fully charged (battery level over 95%) or disconnected from the adapter.

* During the process of charging, the indicator will be delayed for 1 second to turn off after disconnection with the charger.

PRODUCT OVERVIEW

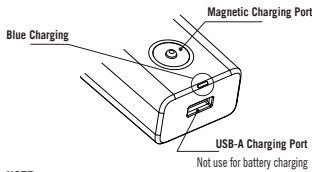


CHARGING

Before first use please fully charge the product. Plug the MCA adapter into an external AC power source, and then attach the Obulb MCs to the magnetic charging port of the MCA adapter for charging. The red indicator means charging, while the green indicator means charging completed. If the battery power is less than 10%, it will flash once when turn on the light or switch the modes, and it will flash once every 30 seconds to remind the user to charge it.

UNLOCK THE LIGHT AT FIRST USE

Charging to unlock the product before first use.



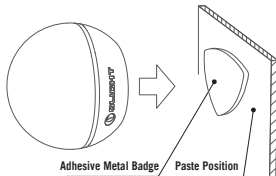
NOTE:

* When the charging cable is connected for the first time, it is normal that the indicator of the cable flashes red once or twice to signal charging cable detection.

* During the process of charging, the indicator will be delayed for 1 second to turn off after disconnection with the charger.

HOW TO USE THE ADHESIVE METAL BADGE

1. Clean and dry the paste position.
2. Gently and carefully peel out the protective film and DO NOT touch the sticky side.
3. Paste the sticky side of the adhesive metal badge onto the desired position and press it evenly until it is fixed in place.
4. Attach the Obulb MCs on the adhesive metal badge.



HOW TO OPERATE

The button is located at the bottom of the product. It can be operated by pressing the flat part of the bottom, or by pressing the top of the cover provided that the product sits securely on a hard surface.

ON/OFF: Single click the button to turn on the light. Press and hold the button to turn it off, and the last mode will be memorized.

CHANGE OUTPUT: When the light is on, single click to switch the modes. The circular order is as following: White light (low) → White light (high) → Red → Green → Blue → Fade between colors → Cycle between colors → Flashing red → OFF → White light (low) → ...

WHITE LIGHT (LOW): When the light is off, press and hold the button for less than 2 seconds to access white light (low) directly.

LOCK/UNLOCK: When the light is off, press and hold the button for over 2 seconds, the light will be locked out after a short flash. Under the lockout mode, if press the button for less than one second, the light will be on with low white light momentarily. To exit the lockout mode, press and hold the button for over one second until the light is on with low white light after a quick blink.

MOTION SENSOR & STEPLESS DIMMING: The motion sensor will be on in the charging state. The light defaults to off when the product is connected for the first time. After the ambient light drops to the threshold of motion sensor, the product will light up white when people come, and automatically turn off after 15 seconds when sensing nobody moving. When the light is on, press and hold the button to carry out stepless dimming. The stepless dimming range is 5%-100% when the battery power is sufficient.

When the Obulb MCs is disconnected from the power source, the light will turn off if it is on and the motion sensor will be disabled.

MOTION SENSOR ON/OFF: In the white light (low) mode, press and hold the button for 3 seconds, the red light means the motion sensor is turned off while the green light means the motion sensor is turned on. Release the button and the red/green light will turn off.

SPECIAL MODE: Continuously click (at less than 5 seconds intervals) on the button for 20 to 200 times, the special mode will occur at random. At this time, flowing colorful light appears, and the speed slows down over time. 30 seconds later, it will enter into white light (low) mode automatically. To re-enter this special mode, please repeat the above operation.

The special mode is divided into "random mode" and "challenge mode." The duration of the special mode is abbreviated to "special time." The default time of the random mode is just 30s. If users want to enjoy a longer special time, they could choose the challenge mode to win more time. The higher level you enter, the more special time you will get.

NOTE: Only the highest level is reserved.

RANDOM MODE:

Keep clicking (less than 5s interval) the button between 20 and 200 times, user enter the mode at random. In this mode, the special light keeps rotating, and the speed gradually slows down. After 30 seconds, the low white light is entered automatically. If you want to enter the random mode again, you need to keep clicking the button between 20 and 200 times one more time.

CHALLENGE MODE:

1. In any color light mode excluding the random mode, please press and hold the button for more than 3 seconds, and then enter the "Challenge Mode." (If there is no button operation, charging or shutdown for more

than 5 seconds, the challenge mode exits automatically. Repeat the step to enter again).

2. Continue to click the button to challenge the levels. The interval between two consecutive clicks is about 1s to pass one level successfully. The interval between two consecutive clicks in the first level is 1s ± 500ms. It is more and more difficult with level increasing, and you may fail to pass the level if the interval is too short or too long. When you fail, the white light occurs. And the number of clicks before the failure means the number of levels you have passed. The system will record the highest level you successfully passed. The calculation method of the special time is 10*X seconds, and X is the number of the highest level (X ≤ 100).

3. When failing to pass the level, you could continue to click the button within 5 seconds to pass the level successfully (the white light back to the special light). Then the number of levels will be recounted, and the special time will not be accumulated. When the number of levels exceeds the previous highest record, the special time will be increased. The system will also update the record.

4. If you take the initiative to give up passing the level, you exit the challenge mode automatically after the special light runs 10*X seconds back to the white light.

5. The special time after you pass the levels successfully is (30 + 10*X) seconds, X < 100.

6. After passing all 100 levels (X=100), there will be no limit to the special time. And the special light can run on until the power is exhausted.



WARNING

- DO NOT drop the light or impact it heavily to protect the built-in battery.
- DO NOT charge the product if it becomes dirty or wet after used in a wet place. Before charging, please clean and dry it.

- DO NOT let a pet play with it, in case the pet will bite and damage it.
- DO NOT hit it as a ball, which may cause irreversible damage.
- DO NOT use it as a baby toy.
- It may be damaged or distorted at a temperature of 60 °C or higher.
- Input voltage higher than 5V or voltage fluctuation may damage the IC, leading to short-circuit and even melting of the charging interface.

NOTICE

- The output brightness will decrease as the battery runs low and its voltage decreases, until the light goes off.
- The product can be charged through MCC1A/MCC3 charging cables. The motion sensor is activated and consumes a lot of power during charging, which may cause the charging indicator to not change for a long period.
- The battery has a thermal protection feature. When the battery is working in a temperature higher than 40 °C, the light output of Obulb MCs may flicker.

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.

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 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.

FCC RADIATION EXPOSURE STATEMENT:

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

WARRANTY

Within 30 days of purchase: Contact the original seller for repair or replacement.

Within 2 years of purchase: Contact Olight for repair or replacement.

This warranty does not cover normal wear and tear, modifications, misuse, disintegrations, negligence, accidents, improper maintenance, or repair by anyone other than an authorized retailer or Olight itself.

USA Customer Support: cs@olightstore.com

Global Customer Support: customer-service@olightworld.com

Visit www.olightworld.com to see our complete product line of portable illumination tools.

EU-DECLARATION OF CONFORMITY



EU-Declaration of Conformity can be found here:
<https://olightworld.com/ec-declaration>

OOLIGHT

Dongguan Olight E-Commerce Technology Co., Ltd
4th Floor, Building 4, Kegui Industrial Park, No 6 Zhongnan Road, Changnan Town, Dongguan City, Guangdong, China.
Made in China



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C.11.02.2021