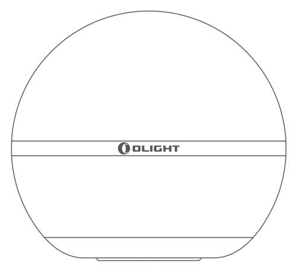
65mm

65mm

USER MANUAL

OLIGHT



Sphere

IN THE BOX

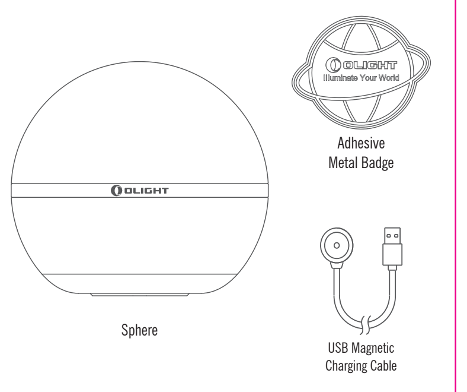


Table 1: Light Ball

White Light CCT: 2700K CRI: 80
LED: TZ.123.S2-3014W1Y-003-3 White: 69 X Max 0.5W/LED

Highest	75lumens	100% 100min	33% 250min
Lowest	1 lumen	100% 40h	

Colored Lights
LED: TZ.0807RGB-TX1812IXU-F01+ Color: 54 X Max 0.165W

Red Light Low	0.5 lumens	100% 16h	
Red Light High	12 lumens	100% 120min	33% 180min
Red Flashing Low	0.5 lumens	100% 20h	
Red Flashing High	12 lumens	100% 370min	33% 360min
Colored Lights Low	1 lumen	100% 15h	
Colored Lights High	18 lumens	100% 90min	33% 130min

IP57
1.5m
Working temperature 0-40°C
700mAh 3.7V (2.59Wh)
93g / 3.28oz (Including Battery)
ϕ60*H 54.5mm
ϕ2.36*H 2.15in

** Above data are tested per ANSI/PLATO FL 1-2019 standard in Olight's labs for reference.*

Table 2:
USB Magnetic charging cable

Cable length	0.5m
Input	USB-A 5V 1A
Output	CC&CV 4.2V±0.05V 0.5A
Time to fully charge	About 2 hours

Figure 1
Product Appearance

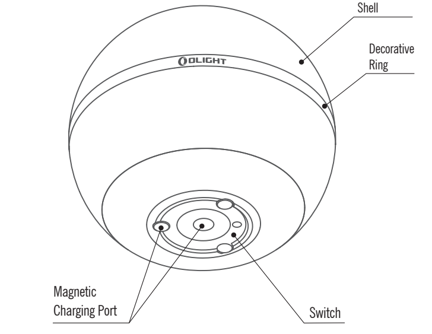


Figure 2
Fully Charge the Product Before First Use

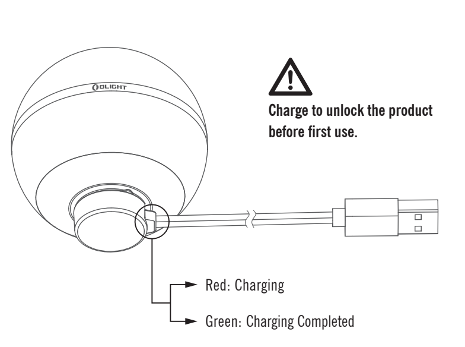
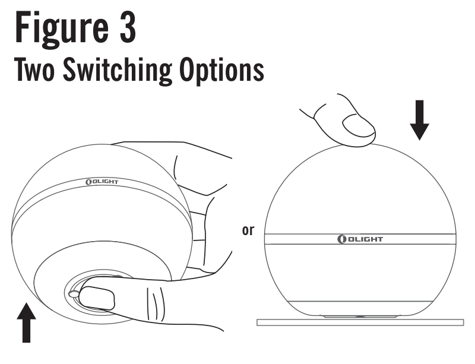

Charge to unlock the product before first use.
Red: Charging
Green: Charging Completed

Figure 3
Two Switching Options



The switch is at the bottom of the product. Press the bottom switch or the top of the light ball (when the product is placed on a hard surface) to operate the product.

Figure 4
ON

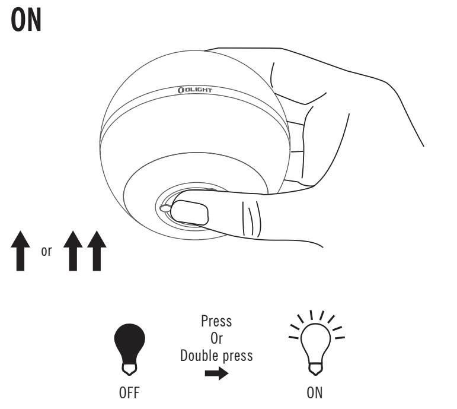


Figure 5
OFF

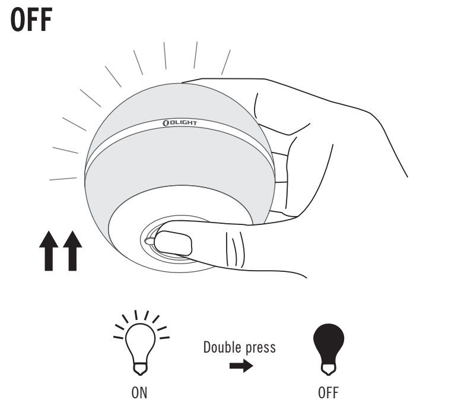
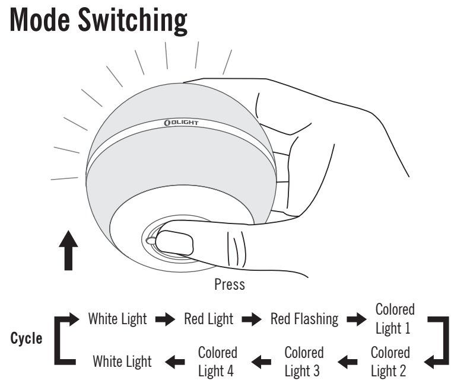


Figure 6
Mode Switching



Please note: Apart from white light, red light, and red flashing modes, the default lighting modes can be replaced with static or dynamic colors in the Olight Hub app.

Figure 7
Change Brightness Level

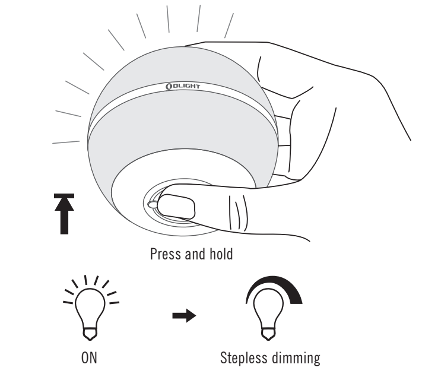


Figure 8
Turn on White Light Low

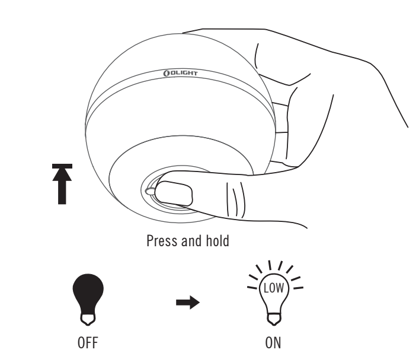


Figure 9
Lockout/Unlock

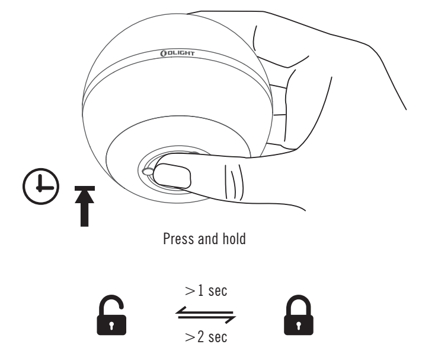


Figure 10
Auto Sleep Mode

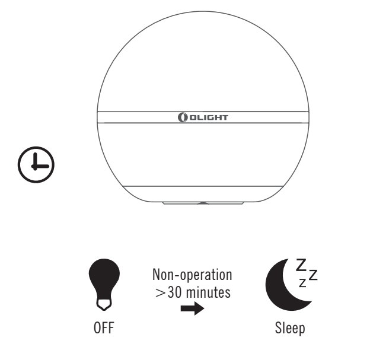
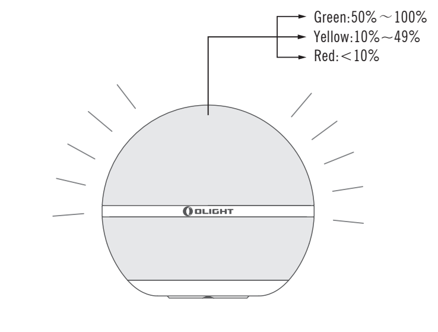
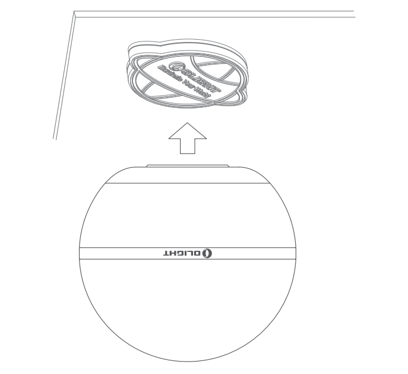


Figure 11
Battery Indicator



When the light is turned off, the battery indicator will flash once from top to bottom.

Figure 12



Adhesive Metal Badge Application

HOW TO USE THE APP

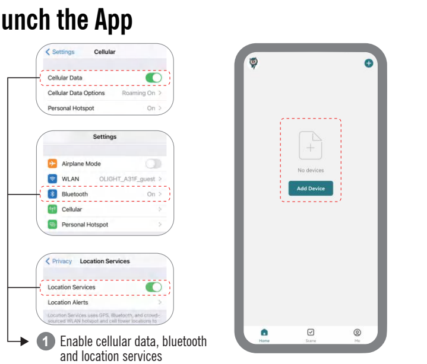
Olight Hub

Figure 13
Download and Install the Olight Hub App

Download the Olight Hub

Download on the App Store
GET IT ON Google Play

Figure 14
Launch the App



① Enable cellular data, bluetooth and location services
② Use your personal email address or mobile phone number to register an account and log in.
Then add devices following the APP instructions.

Figure 15
Enter the Pairing Mode

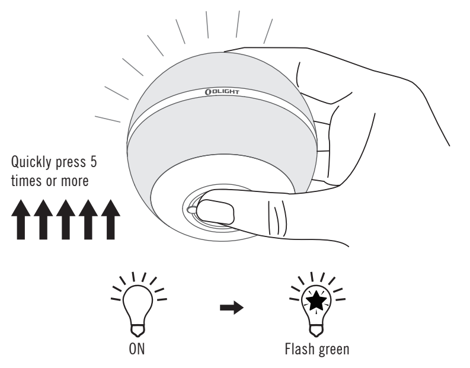

Quickly press 5 times or more
ON
Flash green

Figure 16
Add a device

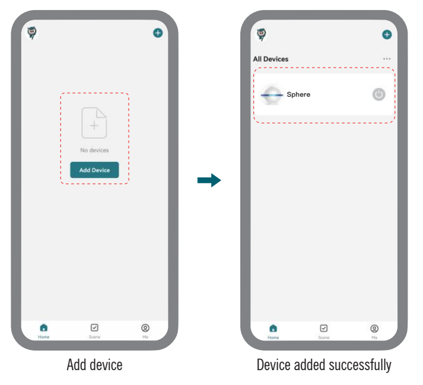


Figure 17
White/Colored light control interface

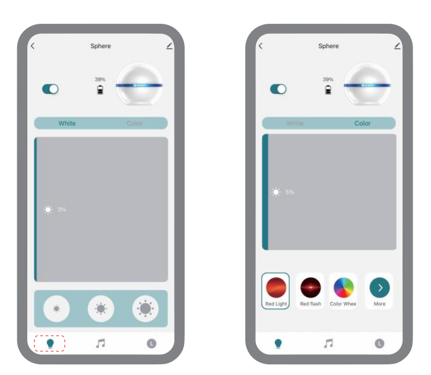


Figure 18
Music rhythm interface

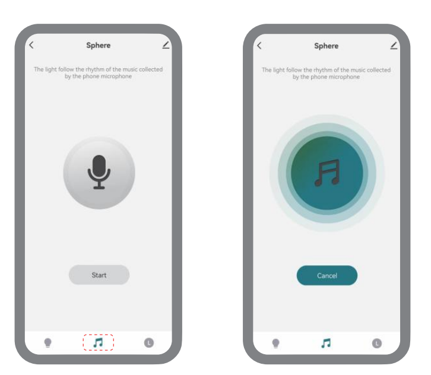


Figure 19
Plan/Interaction interface

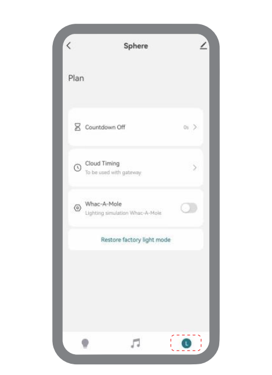


Figure 20
Smart Scenes

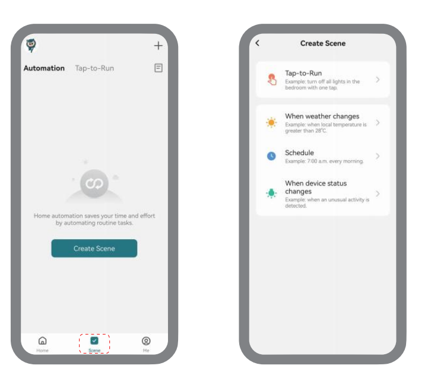


Figure 21
Home Management

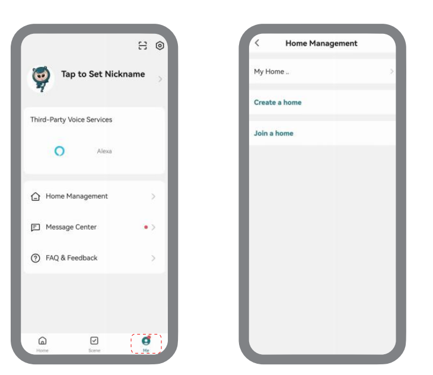
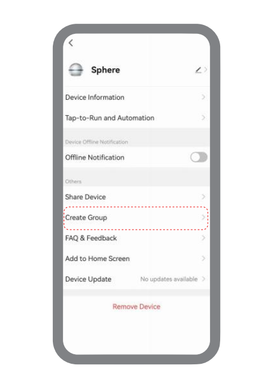


Figure 22
Group Control



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1. Product specifications, see Table 1 and Table 2;
2. Operating instructions as below:
2.1 Product appearance, see Figure 1;
2.2 Before first use, please charge the product to unlock it, see Figure 2;
2.3 Turn on in two ways, see Figure 3;
The switch is at the bottom of the product. Press the bottom switch or the top of the light ball (when the product is placed on a hard surface) to operate the product.
2.4 On, see Figure 4;
When the light is off, press or double press to turn on.
2.5 Off, see Figure 5;
When the light is on, double press to turn off.
2.6 Mode switching, see Figure 6;
When the light is on, press to switch the modes, and the output cycles through the following modes: white light → red light → red flashing → colored light 1 → colored light 2 → colored light 3 → colored light 4 → white light. Release to select the desired mode.
Please note: Apart from white light, red light, and red flashing modes, the default lighting modes can be replaced with static or dynamic colors in the Olight Hub app. **Replacement method:** While using replaceable lighting modes, select your preferred mode in the app, then turn the light off and it will be automatically memorized.
2.7 Change brightness level, see Figure 7;
When the light is on, press and hold to change the brightness level steplessly. First long-press increases the brightness, second long-press decreases the brightness, and release to select the desired brightness.
2.8 Turn on White Light Low, see Figure 8;

When the light is off, press and hold to enter the default White Light Low.
2.9 Lockout/unlock, see Figure 9;
Lockout: When the light is off, press and hold for 2 seconds until the default White Light Low is turned on and off.
Unlock: Press and hold for 1 second until the white light is on.
2.10 Auto sleep mode, see Figure 10;
When turned off, the light automatically enters sleep mode after 30 minutes of non-operation. In sleep mode, it cannot be controlled via the app and needs to be awakened before control is possible. To wake the light from sleep mode, charge it or press the switch.
2.11 Battery indicator, see Figure 11;
Green: 50%～100%; Yellow: 10%～49%; Red: < 10%; When the light is turned off, the battery indicator will flash once from top to bottom.
2.12 Application of adhesive metal badge, see Figure 12;
3. App operating instructions as below:
3.1 Download and install the Olight Hub app, see Figure 13;
3.2 Launch the app, see Figure 14;
3.3 Enter the pairing mode, see Figure 15;
When the light is turned on (non Whac-a-Mole mode), press the switch five or more times in a row until the green light flashes, indicating that the light is in pairing mode. If the device is not added successfully within 3 minutes, re-enter the pairing mode.
3.4 Add devices successfully, see Figure 16;
3.5 White light/colored light control interface, see Figure 17;
3.6 Music rhythm interface, see Figure 18;
3.7 Plan/Interaction interface, see Figure 19;
3.7.1 Whac-A-Mole Function (Place the Sphere on a hard surface first):
—In the app's Plan/Interaction interface, users can enter or exit this mode.
—Interact with the lights to simulate the Whac-a-Mole. The light randomly turns on, and when users hit it, it flashes.

—Press the switch five or more times in a row to exit this mode.
—Automatically exits this mode after 30 seconds of non-operation.
After exiting this mode, the light will enter the memorized mode.
3.7.2 Restore factory light mode:
Tap "Restore factory light mode" in the app's Plan/Interaction interface, and the Sphere can be restored to the factory mode.
Note: ① Brightness limit signaling: When the light's brightness is limited due to low battery or high temperature, if users try to change the brightness beyond the limit range with the app, it is normal that the light flickers. ② In lockout mode, the light cannot be controlled by the app. To use the app to control it, please unlock the Sphere first.
3.8 Smart Scenes, see Figure 20;
In combination with Olight Obounds gateway, on the Scene page, users can create smart scenes to control devices based on device states, external environment, geographic locations, and timing function, allowing for custom effects.
3.9 Home Management, see Figure 21;
In the app, all devices are within the Home. On the Home Management page, users can add rooms and family members to facilitate device operation.
4. Group Control, see Figure 22;
On the Device Management page, users can create groups. After a group is created, all devices within the group can be controlled simultaneously.

- Do not ingest the battery, as there is a Chemical Burn Hazard.
- If the small battery is swallowed, it can cause severe internal burns in just 2 hours and may lead to death. Keep new and used batteries away from children.
- If the battery compartment does not close securely, stop using the product and keep it away from children.
- If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.
- Do not replace the battery with an incorrect type that can defeat a safeguard, such as certain types of lithium batteries.
- Do not dispose of the battery in fire, a hot oven, or by crushing or cutting it, as it may result in an explosion.
- Avoid leaving the battery in extremely high-temperature environments, as it may cause an explosion or the leakage of flammable liquid or gas.
- A battery exposed to extremely low air pressure may result in an explosion or the leakage of flammable liquid or gas.

For Europe Frequency
Operation Frequency: BT: 2402MHz-2480MHz
Maximum Output Power: BT≤10dBm
Control distance≤25m
FCC ID: 2A44S-SPHERE
IC: 28283-SPHERE

EU Declaration of Conformity

Hereby Dongguan Olight E-Commerce Technology Co,Ltd declares that the equipment [Sphere] is in compliance with Directive 2014/53/EU and RoHS Directive 2011/65/EU & (EU) 2015/863. The full text of the EU declarabon of conformity is available at the following internet address:
https://www.olight.com/download

The light source of this luminaire is not replaceable:
when the light source reaches its end of life, the whole luminaire shall be replaced.

WEEE Disposal and Recycling Information

All products bearing this symbol are waste electrical and electronic equipment (WEEE as in directive 2012/19/EU) which should not be mixed with unsorted household waste. Instead, to protect human health and the environment, you should dispose of your waste equipment at a designated collection point for the recycling of WEEE, appointed by the government or local authorities. Proper disposal and recycling will help prevent potential negative consequences to the environment and human health. Please contact the installer or local authorities for more information about the location as well as terms and conditions of such collection points.

FR
Les ampoules et batterie recyclent
À DÉPOSER EN MAGASIN OU À DÉPOSER EN DÉCHÈTERIE
Points de collecte sur www.quefairedemesdechets.fr

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

FR
ETUI + BARQUETTE

SAR Warning

Dans des conditions normales d'utilisation, cet équipement doit être maintenu à une distance d'au moins 20 cm entre l'antenne et le corps de l'utilisateur.
In normal use, a separation distance of at least 20 cm between the antenna of the equipment and the body of the user should be maintained.

ISED Notice

This device complies with Industry Canada's licence-exempt ICES standard(s). Operation is subject to the following two conditions:
(1) This device may not cause interference, and
(2) this device must accept any interference, including interference that may cause undesired operation of the device.
Le présent appareil est conforme aux NMB d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:
(1) l'appareil ne doit pas produire de brouillage, et
(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.
This Class B digital apparatus complies with Canadian ICES-005.
Cet appareil numérique de la classe B est conforme à la norme NMB-005 du Canada.

IC RF Statement:
When using the product, maintain a distance of 20cm from the body to ensure compliance with RF exposure requirements.

Déclaration IC RF:
Lors de l'utilisation du produit, maintenez une distance de 20cm du corps pour assurer Conformité aux exigences d'exposition aux RF.

WARRANTY

We are proud to offer a lifetime warranty in Australia, China, France, Germany, and the USA. We are also working hard to expand coverage to more countries, where we provide a 2 or 5-year warranty. The warranty covers defects in material and workmanship under normal use, excluding loss, theft, deliberate damage, or cosmetic damage. For complete warranty information, please visit Olight.com or your local Olight official website.

Australia Customer Support contact@olightstore.com.au	**Japan Customer Support** cs@olightstore.jp
Austria Customer Support kontakt@olightstore.at	**Korea Customer Support** olightkorea@olight.com
Canada Customer Support cs@olightstore.ca	**Spain Customer Support** contacto@olightstore.es
China Customer Support Wechat: olightcs	**Thailand Customer Support** cs@olightstore.co.th
France Customer Support cs@olightstore.fr	**UK Customer Support** contact@olightstore.uk
Germany Customer Support kontakt@olightstore.de	**USA Customer Support** cs@olightstore.com
Italy Customer Support contatto@olightstore.it	**For other countries and regions, please contact Global Customer Support** contact@olight.com

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