

HOTO  
FLASHLIGHT DUO

**Make It  
Happen**





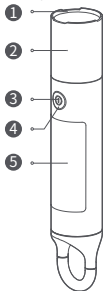
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# 01 Product Overview

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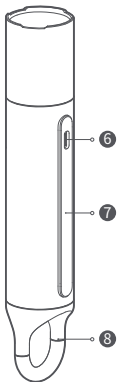
Read this manual carefully before use, and retain it for future reference.

Thank you for using HOTO FLASHLIGHT DUO.



- ① Tactical head
- ② Mode switching head
- ③ Battery indicator
- ④ ON/OFF
- ⑤ Sidelight




- 6 Type-C charging port
- 7 Magnetic base
- 8 Hook



## 02 How to Use

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This product has three modes. Please rotate the mode switching head to switch the mode.

- Flashlight mode : In this mode, the flashlight is on with three switchable brightness levels. This mode is mainly used for long-distance illumination.
- Work light mode : In this mode, the sidelight is on with four switchable light effects. This mode is mainly used as work lighting and emergency warning.
- Mood light mode : In this mode, the sidelight is on with four switchable light effects. This mode is mainly used for create ambience.

## Mode switching head

- Rotate the head to align the mode sign on the head with the indicator on the casing. There are three switchable modes: The flashlight mode, the work light mode, and the mood light mode.
- If you rotate the mode switching head to any mode in the "ON" status, the first gear of the corresponding mode is turned on:
  1. Flashlight mode: Low white light
  2. Work light mode: Low white light
  3. Mood light mode: Warm light
  3. Sidelight ambient mode: Continuous warm light
- If you rotate the mode switching head to any mode in the "OFF" status, the flashlight remains off.

## ON/OFF

- In the flashlight mode:  
Short pressing the "ON/OFF" button switches modes from:  
Low brightness→Medium brightness→High brightness→Power Off

- In the work light mode:  
Short pressing the "ON/OFF" button switches modes from:  
Low brightness→High brightness→Red flashing light→Yellow flashing light→Power Off
- In the mood light mode:  
Short pressing the "ON/OFF" button switches modes from:  
Warm light→Breathing warm light→Campfire→Colorful light→Power Off
- In any of the modes:  
Pressing and holding "ON/OFF" for three seconds turns on a strobe light, following short presses will turn on the "SOS" mode; a third press turns off the flashlight.

## Charging

- When the product is being charged:  
flashlight: Only low brightness is available; sidelight: Functions normally.
- Plug the charging cable into the Type-C charging port to charge the product.

**Note:** This product is equipped with a Type-C charging cable.

## Battery indicator status

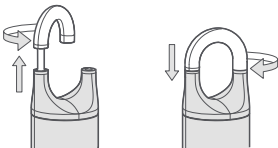
- When powered ON:  
Flashing red light: 0-10% Red light: 10%-30%  
Orange light: 30%-60% Green light: 60%-100%
- When connected to the charging cable:  
Charging: Breathing red light  
Charged: Green light
- In mood light mode, the indicator would turn off in 5 seconds if battery status between 10%-100%

## Magnetic base

- The magnetic base allows the whole product to attach to any magnetic surface composed of iron or nickel.

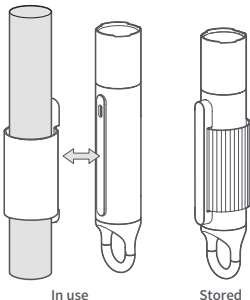
## Hook

- Pull out and rotate the hook, then hang on any place which fit in the hook. Rotate the hook back to the slot.



## Band

- When the band is wrapped around a cylindrical object such as the tarp stand, the flashlight can be attached to the object through its built-in magnet.
- When the band is not used, it can be wrapped around the product for storage.



## 03 Warning

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### Safety precautions

- **Proper use**

Please follow the instructions in this User Guide to correctly use the tool.

- **Repair services**

Do not disassemble this product. In order to avoid safety hazards, only authorized repairmen are allowed to repair this product.

- **Charging instructions**

1. This product can only be charged with a charger that meets its charging parameters.
2. If the battery indicator does not work properly during charging because this product has not been used for a long period of time, please charge it for 30 minutes for observation.

- **Precautions**

1. This product can emit a strong light, please avoid directing the light at people's or animals' eyes and optical lenses;
2. Children are not allowed to use this product alone;
3. In order to reduce electric shock risks, do not place this product in water or other liquids;
4. Do not place or store this product in places where it may fall into a bathtub or sink;
5. In order to reduce burn risks, do not touch the head as its temperature may be high when the strobe lighting mode is turned on for a long time.

## Warnings

1. Please charge this product with a charger that meets its charging parameters. Other types of chargers and accessories may violate the warranty and be dangerous.
2. When the high brightness mode is turned on for 15 minutes, the temperature of this product may rise by about 20°C. Therefore, users who are sensitive to temperature should take heat insulation precautions. (After 25 minutes, the temperature will gradually drop.)
3. If the detected battery temperature reaches 45°C, the charging protection function will be automatically triggered, and the charging will be discontinued. The recommended ambient temperature for charging is 0°C-30°C.



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, you should protect human health and the environment by handing over your waste equipment to a designated collection point for the recycling of waste electrical and electronic equipment, appointed by the government or local authorities. Correct 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.

**C E** We Shanghai HOTO Technology Co., Ltd., hereby, declares that this equipment is in compliance with the applicable Directives and European Norms, and amendments.

## **Federal Communications Commission Supplier's Declaration of Conformity**

This supplier's declaration of conformity is hereby for

Product: HOTO FLASHLIGHT DUO

Model Number(s): QWSDT002

Brand/Trade: HOTO

We declare that the above mentioned device has been tested and found in compliance with CFR 47 Part 15 Regulation.

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.

**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.

Representative of Responsible Party for SDoC

Company: HOTO (US) TECHNOLOGY CO LTD

Address: 919 North Market Street, Suite 950, Wilmington DE 19801

Country: U.S.A.

Customer Service(US): +1 855-577-2659

Mon-Fri 9:00am-5:00pm(CST)

## Troubleshooting

<b>Issues</b>	<b>Possible Causes</b>	<b>Solutions</b>
The battery indicator shows a continuous red light when pressing the main switch.	Low lithium battery power	Charging
The battery indicator shows no light while charging	1. The USB cable is not plugged in properly, or the charging cable is not the designated one; 2. The ambient temperature for charging is below 0°C or above 45°C	1. Use the designated charging cable and the 5V power adapter; 2. Charge this product in the 0-45°C environment
Automatic mode switching during use	There is strong magnetic interference near the mode switching ring	Do not use the product near a magnet or in a strong magnetic environment

## 04 Specifications

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Model: QWSDT002

Item Dimensions:

35×35.9×197 mm

Net Weight: Approx. 194 g

Input: 5 V $\overline{=}$  2 A

Battery Type: Lithium-ion battery

Battery Capacity: 3200 mAh

Rated Voltage: 3.6 V $\overline{=}$

Charging Time: Approx. 150 min

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## Flashlight parameters

	<b>Low brightness</b>	<b>Medium brightness</b>	<b>High brightness</b>	<b>Strobe light</b>	<b>SOS</b>
Brightness levels	50LM	300LM	1000LM	1000LM	30LM
Battery life	30H	6H	4H	2H	65H
Distance reached	40M	120M	210M	210M	20M

## Work light parameters

	<b>Low brightness</b>	<b>High brightness</b>	<b>Flashing red light</b>	<b>Flashing yellow light</b>
Brightness levels	30LM	200LM	/	/
Battery life	30H	6H	48H	36H
Distance reached	3M	10M	/	/

## Mood light parameters

	Warm light	Breathing	Campfire	Colorful light
Brightness levels	120LM	/	/	/
Battery life	10H	24H	12H	12H
Distance reached	8M	/	/	/

The light source of this product is not replaceable. When its lifespan comes to an end, please replace this product.

**Manufacturer:** Shanghai HOTO Technology Co., Ltd.

**Address:** Building 45, No.50 Moganshan Road, Shanghai, China

DECLARATION OF CONFORMITY



EU Declaration of Conformity  
We

Shanghai HOTO Technology Co., Ltd.

Declare that the product:  
HOTO FLASHLIGHT DUO / QWSDT002

Complies with the essential health and safety requirements of the  
following directives:

2014/35/EU The Low Voltage Directive

References to the following harmonized standard were made:

EN 60598-1:2008

EN 60598-2-4:2018

2014/30/EU Electromagnetic Compatibility directive References to  
the following harmonized standard were made:

EN 55015:2019

EN 61547: 2009

EN 62471:2008

2011/65/EU+ (EU) 2015/863 Restrictions of the Use of Certain  
Hazardous Substances in Electrical and Electronic Equipment

Authorised signatory and technical file holder:

Shanghai HOTO Technology Co., Ltd.

Building 45, No.50 Moganshan Road, Shanghai, China

Designed by **HOTO**