

## Parameter

Input Voltage	12-15V
Maximum Power	■ Low beam mode: 80W      ■ High and low beam mode: 150W
Color Temperature	6000K (White light)    3000K(Yellow light)
Maximum Luminous Flux	15000 Lumens
Dustproof And Waterproof Level	IP68
Functions	Intelligent Temperature Control , Anti Reverse Connection, Memory Function in Single Working State, Over voltage Protection
Warning Light Modes	1. Left and Right Alternating Flash      2. Left and Right Simultaneous Flash 3. Twinkle left and right                    4. Press Horn Flash

## Usage

1. Turn on the key (ACC power on) to standby mode, the switch indicator orange light flashes slowly, click the dial switch to enter the low beam mode, the switch indicator orange light is always on, click the dial switch again to enter the high and low beam mode, the switch indicator blue light is always on, click to cycle. When the light is always on, rolling the dial can enter the eight-level brightness adjustment, roll the dial forward to increase the brightness, roll the dial backward to decrease the brightness, long press the dial switch for 1.5 seconds to enter standby mode, turn off the key(ACC power off) to shut down, the switch indicator light is off.

Note: The switch is installed on the clutch lever and the level indicator light is facing the driver' s side (as shown in the installation diagram), the first level the first indicator light white light flashes slowly, the second level the first indicator light white light is always on, the third level the second indicator light white light flashes slowly, the fourth level the second indicator light white light is always on, the fifth level the third indicator light white light flashes slowly, the sixth level the third indicator light white light is always on, the seventh level the fourth indicator light blue light flashes slowly, the eighth level the fourth indicator light blue light is always on.

2. Under the ACC power-on state (including standby state), double-click the dial switch to enter the warning light mode, the switch indicator red light flashes slowly, click the dial switch in the warning light mode to switch between three warning light modes and cycle, double-click the dial switch again to exit the warning light mode and return to the previously memorized mode.
3. Under the ACC power-on state (including standby state), click the overtaking light switch to operate the overtaking light, the switch indicator blue light is on.
4. When the controller horn wire is connected to the positive pole of the original car horn, under the ACC power-on state (including standby state), press the horn switch for 0.2 seconds to start the fast flashing warning light mode, release the horn switch to exit the warning light mode and return to the previously memorized mode.

## Notices

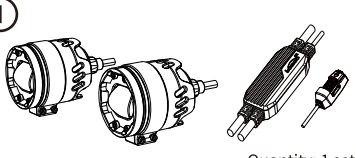


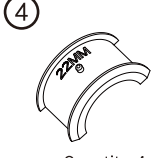
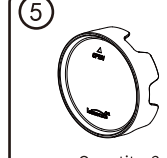
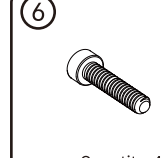
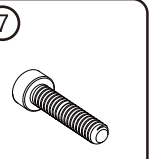
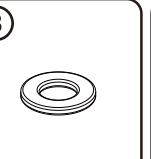
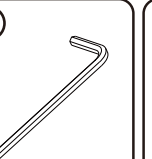
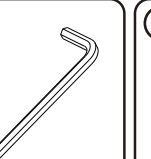
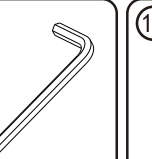
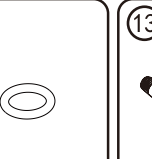
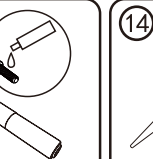
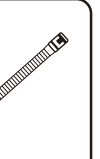
1. The installation of this LOBOO high&low beam auxiliary light involves related professional knowledge, and needs to be installed by a professional technician. Improper installation that causes product damage will lose the relevant free warranty service.
2. After the auxiliary light body continues to work for a while when parking, it will generate high temperature to trigger intelligent temperature control and the light brightness will automatically weaken. This is a normal phenomenon. After the temperature drops to a normal temperature, the light brightness will automatically recover. Please install the light body and the controller in a well-ventilated position according to the requirements of the manual, and the intelligent temperature control will not be triggered during normal riding.
3. When the battery voltage is lower than 11.5V due to high load or vehicle failure, the light brightness will automatically drop to 6th level brightness. After the battery voltage rises, you can manually shift levels. If the battery voltage is still below the preset value, the brightness will drop back to the 6th level.
4. If there is dirt on the surface of the auxiliary light lens, please clean it in time. Dirt will seriously affect the brightness and heat dissipation. If it is not cleaned in time, it will cause irreversible damage to the lens. When cleaning the dirt, please turn off the auxiliary light and wait for the light body to return to normal temperature before washing with water, and wipe with a softer cloth (wet tissue or glasses cloth). Do not use a high-pressure water gun to wash directly. If necessary, please use a neutral detergent. It is strictly forbidden for acidic and alkaline liquids to touch any parts of the auxiliary light.
5. When the auxiliary light is on, do not look directly with your eyes to avoid causing harm to your eyes.
6. Please install the auxiliary light on the frame or crash bar, and it is strictly forbidden to install it on the lower part of the shock absorber or wheel accessories (parts without shock absorber damping).
7. The auxiliary light body will generate high temperature during work, please do not touch it to prevent burns.
8. Please do not wrap the controller, do not be close to high temperature sources, such as engines, radiators, etc., please place it in a ventilated place to prevent affecting heat dissipation.
9. The auxiliary light is only allowed to be installed on fuel motorcycles with a battery voltage of 12-15V DC voltage, please do not use it beyond the range.
10. For safety reasons, please use the light civilly.

## After-sales Service Terms

1. One-year free replacement: From the date of sale, the LOBOO universal motorcycle high and low beam auxiliary light can enjoy a one-year free replacement service if the main components (including the light body and drive circuit) have quality problems under normal installation and use.
2. Limited warranty: After the expiration of the one-year free replacement period from the date of sale, LOBOO will provide a paid warranty service, the cost is based on the actual replacement material cost, and no labor cost is charged separately.
3. This service term does not apply to the following situations: damage due to natural disasters, accidents, human or accidental damage, poor contact or exposure to hazardous chemicals or other substances, improper installation and use, self-disassembly, self-modification, damage to factory-supplied cables, any product failure caused or induced by using the product with any third-party (non-LOBOO) components, lack of warranty card or inability to provide valid purchase proof, etc.
4. Users need to be aware that this product is a modified part, its quality and service life will be affected by different installation and use environments. Except as expressly provided by law, LOBOO does not assume responsibility for any direct, indirect, special, incidental, inevitable loss or injury, disassembly risk and cost, etc. generated during the user' s installation and use process, and is not restricted by other legal provisions.

**Please read the relevant after-sales service terms in detail before use, unpacking and installation means acceptance of these after-sales service terms.**

# Packing List

 <p>Quantity: 1 set</p> <p>Lamp Body (left, right), Controller, Switch, Cable</p>	 <p>Quantity: 2 set</p> <p>Clamp Standard Compatible: 22/25/28mm Diameter</p>	 <p>Quantity: 4 pcs</p> <p>1 inch/25mm Clamp Sleeve</p>	 <p>Quantity: 4 pcs</p> <p>22mm Clamp Sleeve</p>	 <p>Quantity: 2 pcs</p> <p>Yellow Light Color Change Protection Cover</p>	 <p>Quantity: 4 pcs</p> <p>M6x16 Rotating Bracket Fixing Screw Torque: 10N·m</p>		
 <p>Quantity: 2 pcs</p> <p>M8x20 Rotating Bracket Fixing Screw Torque: 18N·m</p>	 <p>Quantity: 2 pcs</p> <p>M8 Washer</p>	 <p>Quantity: 1 pc</p> <p>3mm Hex Wrench</p>	 <p>Quantity: 1 pc</p> <p>5mm Hex Wrench</p>	 <p>Quantity: 1 pc</p> <p>6mm Hex Wrench</p>	 <p>Quantity: 1 pc</p> <p>Switch Fixing Rubber Ring Ø25x2.5mm</p>	 <p>Quantity: 1 pc</p> <p>Screw Glue</p>	 <p>Quantity: 10 Ties</p> <p>Switch Fixing Rubber Ring 25x2.5mm</p>

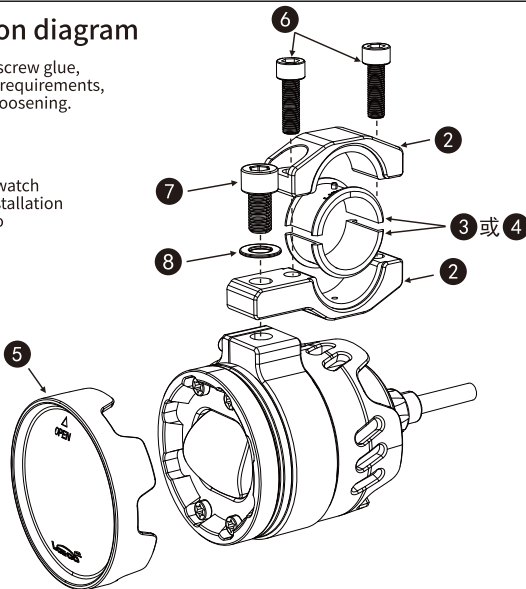
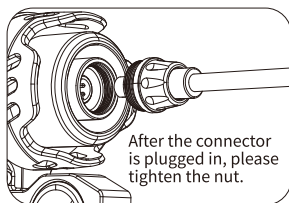
# Installation And Wiring Diagram

## Auxiliary light installation diagram

Note: All screws need to be coated with screw glue, tightened according to the torque requirements, and checked regularly to prevent loosening.



Scan the QR code to watch the auxiliary lamp installation and use tutorial video



## Auxiliary light installation diagram

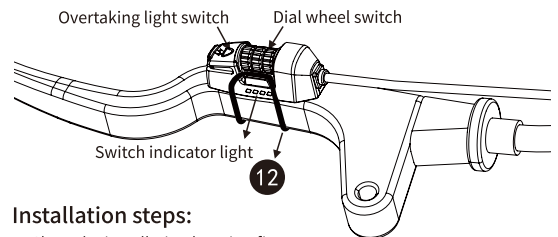
- Red ———— Connects to the positive pole of the battery
- Black ———— Connects to the negative pole of the battery
- Yellow ———— Connects to ACC
- Black (White sheath) ———— Connects to the positive pole of the horn



Scan the QR code to watch the video on how to find the ACC port of the motorcycle

- ACC refers to the 12-15V wire on the motorcycle that is powered on (long on) when the key is opened and powered off (long off) when the key is closed.
- When installing the auxiliary light circuit, please avoid the vehicle ignition coil and high-voltage package when wiring and hiding wires to avoid electromagnetic interference that may cause abnormal use of the auxiliary light.
- If the cable length provided by the factory is not enough, please purchase the cable to extend it yourself, please destroy the cable provided by the factory.
- The positive and negative cables should be directly connected to the battery, and it is strictly forbidden to connect to other cables on the vehicle.

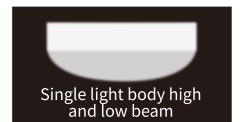
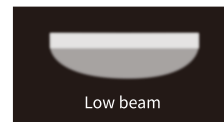
## The switch installed on the clutch lever diagram



### Installation steps:

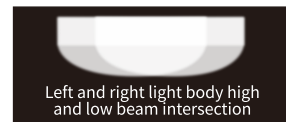
1. Clean the installation location first.
2. Tear off the 3M leaving film and stick it on the clutch handlebar.
3. Put on the switch fixing rubber ring.

## Light type description



The cut-off line low beam design is not dazzling, the light type is wide, the road paving effect is better, and the low beam height needs to be adjusted according to the actual load status of the vehicle.

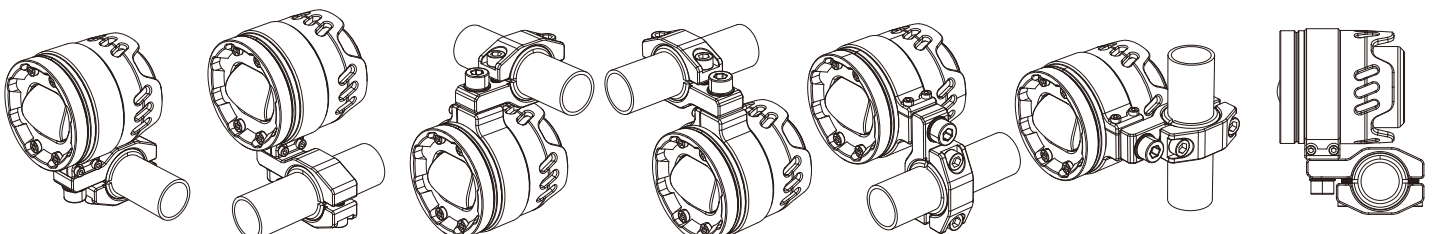
High light effect lens design, the high beam is farther and higher.



When adjusting the left and right lights, it is best to overlap the high beam spots by 50%, and you can adjust according to personal preference and actual use experience.

# Installation Example Reference

Installation method: When installing, please apply screw glue at the screw thread, do not tighten the screws completely, wait until the installation position is adjusted, and then tighten according to the torque requirements.



Installation method one

Installation method two

Installation method three

Installation method four

Installation method five

Installation method six

Install according to actual conditions