

High&Low Beam Auxiliary Light User Manual

Model No.: L12T

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)
Luminous flux in total	15200 Lumens
Dustproof and waterproof level	IP68
Functions	Intelligent temperature control, Anti reverse connection, Memory function in single working state, Over voltage protection
Waring light modes	Left and right alternating flash Z. Left and right simultaneous flash A. Press horn flash

Usage Instructions

- 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 sixth level the third indicator light white light is always on, the eighth 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 universal motorcycle 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



Quantity: 1 se

Controller, Switch, Cable



Clamp Standard compatible: 22/25/28mm diamete



Quantity: 1 pcs

Light mount(Left) Notice: Screw in the direction of the arrow



Quantity: 1 pcs

Light mount(Right) direction of the arrov



Quantity: 4 pcs

1 inch/25mm Clamp sleeve



Quantity: 4 pcs

22mm Clamp sleeve



Quantity: 2 pcs

Yellow light color change protection



Quantity: 2 pcs

M6X30 Rotating bracket fixing screw Torque: 10N·m



Quantity: 2 pcs

M6X25 Rotating bracket fixing screw Torque: 10N·m



Quantity: 6 pcs

M5X20 Clamp



Quantity: 2 pcs M6X14 Light body

fixing screw Torque: 10N·m



Quantity: 2 pcs

Outer diameter: 13.5mr Inner diameter: 6mm eight: 10mm



Quantity: 6 pcs

M5 Spring washe



Quantity: 2 pcs

M6 Washer



Quantity: 1 pcs

Switch fixing



Quantity: 4 pcs



Quantity: 1 pcs



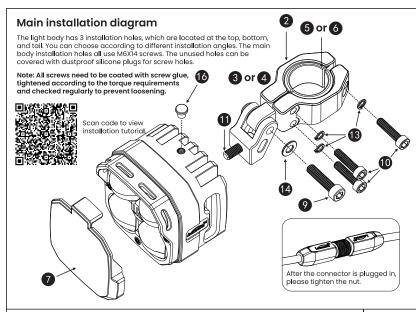
Quantity: 10 Ties

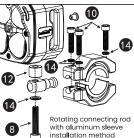


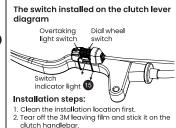
Quantity: One of eacl

Hexagonal wrench for 4mm

Installation and wiring diagram





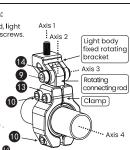


3. Put on the switch fixing rubber ring

Auxiliary light universal mount introduction: It mainly consists of a clamp, rotating connecting rod, light body fixed rotating bracket, clamp sleeve, and fixing screws. Multi-axis 360 rotation, thereby achieving universal multi-angle installation, convenient installation, and easy anale adjustment.

Notes for universal mount installation:

I. When the clamp fixes the rotating connecting rod, please tighten the two screws on the side of the rotating connecting rod first. The force on the two screws should be even, and the screw should be used with the spring washer 3. When installing screw of the street in the direction of the arrow marked by the light body fixed rotating bracket, and screw 3 is used with washer 5.



Wiring Instructions

(White sheath)

Black

abnormal use of the auxiliary light.

Connect to the positive pole of the battery
Connect to the negative pole of the battery
Connect to the ACC
Connect to the ACC

ACC port Connect to the ACC

 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.

Connect to the positive pole of the horn ● ACC refers to the 12-15V wire on the motorcycle that is powered on (long on) when the key is



view the ACC port

Acc releas to the 12-16v when the on the monocycle that is powered an (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

The cut-off line low beam design 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.

Description of light type



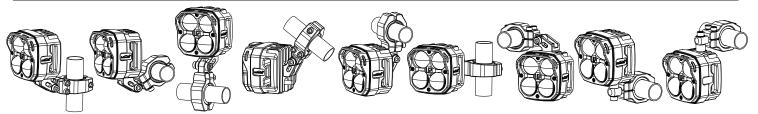
High light effect lens design, the high beam is farther and higher.



When adjusting the left and right lights, it is best to overlap the high beam spots by 50%

Installation example reference

Installation method: 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

Installation method two

Installation method three

Installation method four

Installation method five Installation method six

Installation method seven

Installation method eight

Installation method nine