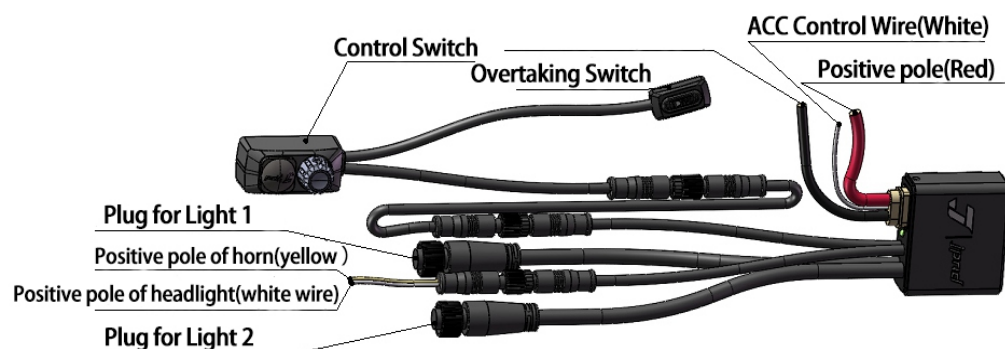


Spotlight Product Schematic Diagram



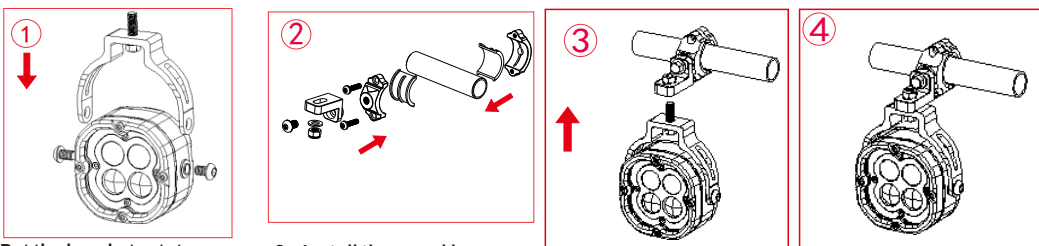
Spotlight controller



Spotlight install

1. During installation, the screw must be coated with thread locker to prevent the screw from loosening and causing the lamp to fall.
2. The best installation height is 80-100cm above the ground.

The spotlight is installed on the transversal fixed bar



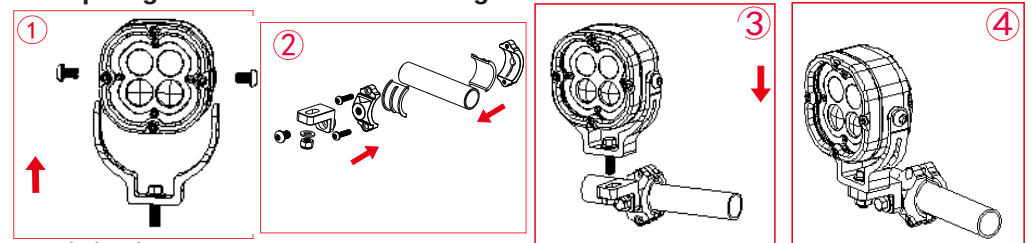
1. Put the bracket rotate washer into the screw hole inside the bracket, install the bracket on both sides of the light body, and tighten it with m8x12 screws.

2. Install the guard bar clip on the motorcycle guard bar, adjust the direction and fix it.

3. Install the spotlight on the guard bar and adjust the direction. Fix it with m8x25 screws.

4. The installation is completed as shown in the above picture.

The spotlight is installed on the longitudinal fixed bar



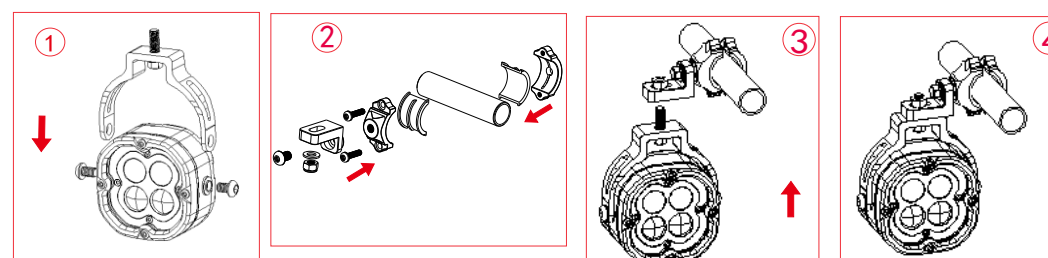
1. Put the bracket rotate washer into the screw hole inside the bracket, install the bracket on both sides of the light body, and tighten it with m8x12 screws.

2. Install the guard bar clip on the motorcycle guard bar, adjust the direction and fix it.

3. Install the spotlight on the guard bar and adjust the direction. Fix it with m8x25 screws.

4. The installation is completed as shown in the above picture.

The spotlight is installed on the longitudinal fixed bar



1. Put the bracket rotate washer into the screw hole inside the bracket, install the bracket on both sides of the light body, and tighten it with m8x12 screws.

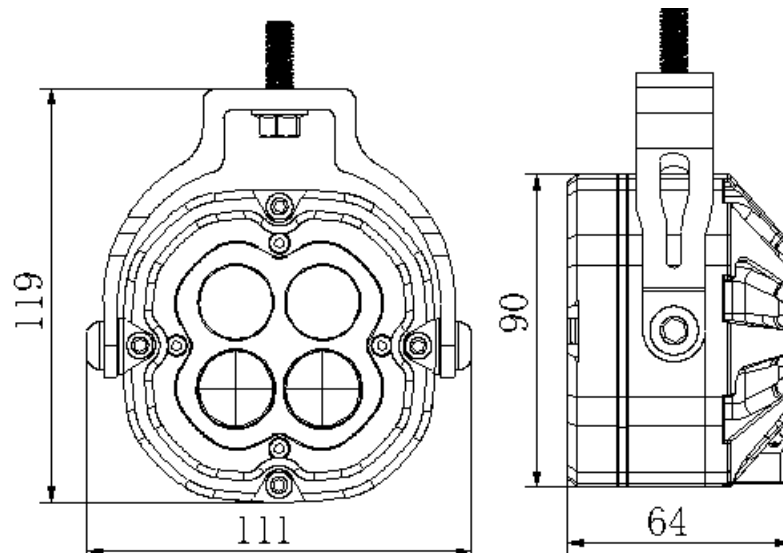
2. Install the guard bar clip on the motorcycle guard bar, adjust the direction and fix it.

3. Install the spotlight on the guard bar and adjust the direction. Fix it with m8x25 screws.

4. The installation is completed as shown in the above picture.

Spotlight, controller and power connecting

1. Connect the switch wire (ACC, 1600mm length) to locking wire of the starting key on the motorcycle.
2. The working input voltage of the spotlight: 12-24V. Make sure that the spotlight works within the input voltage range.
3. Connecting the wire plug of the spotlight with the wire plug of the controller. Note that the plug hole and the plug pin of the spotlight should correspond to each other.
4. Connect the positive and negative poles of the power input of the controller to the positive and negative poles of the motorcycle battery, and pay special attention to: the red of the power line is the positive (+), Black is negative (-).
5. After connecting the wires, start the engine and press the wireless remote control switch of the spotlight to turn on the spotlight;



Installation diagram of control switch

1. The bottom of the control switch is equipped with two mounting screw holes, and our company provides two types of mounting options. The fixing plate is designed to accommodate screws of different specifications for various installation positions. Additionally, the fixing plate is equipped with fixing holes that can be oriented in two directions, allowing for customization according to personal preference. The installation method is as shown in Figure 12: Determine the installation location and method, install the fixed connecting piece onto the control switch, rotate out the rearview mirror as shown in Figure 13, and install the switch with the connecting fixed piece onto the rearview mirror rod.



12



13

Product features

1. The ultra-high brightness LED motorcycle auxiliary spotlight can be used as a very powerful additional light for motorcycles, suitable for outdoor, cross-country and long-distance travel light activities;
2. Fast switching of high beam / low beam / high and low beams on the same time / fog light / flash mode;
3. Provide two color temperatures: cold white and warm white (yellow light);
4. Intelligent circuit system, wireless remote control switch;
5. The lighting distance is more than 1000 meters;
6. Imported CREE beads from the United States, with a service life of more than 50000 hours;
7. Intelligent chip overheating protection;
8. Ipx8 waterproof, -45 degrees to 90 Celsius degrees;
9. High permeability tempered lens is coated with diamond film, which provides super light transmittance and extremely high lens strength;
10. Universal bracket with adjustable light body angle and wireless remote control installation bracket;
11. 6063 aluminum alloy, made by CNC process;
12. Hard heat treatment;
13. Natural rubber outdoor special power line;
14. Intelligent circuit system, after connecting the controller, connect the spotlight, turn the key to the power on position, press the remote control switch of the spotlight, and the spotlight turns on; Turn the key to power off all the spotlights; It can protect the power or battery power

Product features

1. The ultra-high brightness LED motorcycle auxiliary spotlight can be used as a very powerful additional light for motorcycles, suitable for outdoor, cross-country and long-distance travel light activities;
2. Fast switching of high beam / low beam / high and low beams on the same time / fog light / flash mode;
3. Provide two color temperatures: cold white and warm white (yellow light);
4. Intelligent circuit system, wireless remote control switch;
5. The lighting distance is more than 500 meters;
6. The front of the spotlight is equipped with a dynamic light ring, featuring multi-color dynamic light ring with fluidic changes, enhancing the magical effect of the lighting.
7. The side of the spotlight is equipped with clearance lights, allowing for clearer visibility of the roads on both sides of the motorcycle, providing you with a greater sense of safety.
8. The high-transparency tempered lens is coated with a diamond film, ensuring ultra-high strength while also providing exceptional light transmittance.
9. The use of aviation-grade 6063 aluminum alloy, processed through ultra-precise CNC machining, with a super-thick hard anodized surface treatment.
10. An outdoor-specific power cord wrapped in natural rubber.
11. An intelligent circuit control system: after connecting the controller, rotate the key to the power-on position on the spotlight, press the remote control switch to turn it on, rotate the key to the power-off position to turn it off, and the control system protects the battery.

Specification

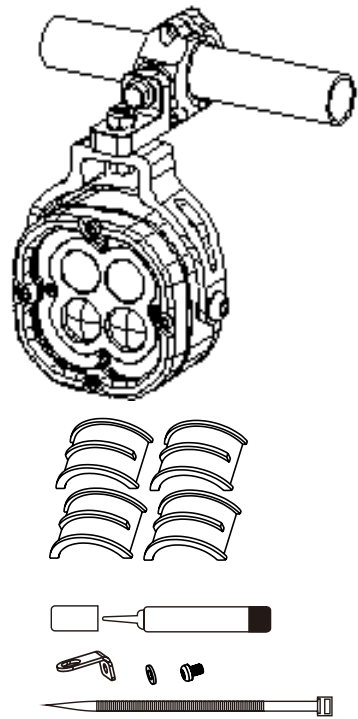
Mode	J4S					
LED	Super brightness LED Motorcycle Auxiliary Spotlight					
Color Temperature	White light bead (high beam)		(White/Yellow),Low beam/Fog Light			
	5500K-6000K		3000K-3200K/5500K~6000K			
ANSI/FSC	Lighting Mode				Flash Mode	
Mode	High beam White Light	Full Light	Side Light	Halo Light	High Beam Slow Flash	High Beam/Yellow Explosion Flash
Luminous Flux	11300LM	18000LM				
Output Power	100W	160W	30W	15W		
Input Voltage	12V~15V					
Light Range	>500 meters					
Water Proof	IPX8 underwater 2 meters					
Drop Proof	1 meter					
Size	90X90X64MM					
Weight	Light body750g*2 Controller 143g					
Wire Length	150cm					

JP-CAN Intelligent Control System-controlled by the vehicle's original switch

Applicable Vehicle Models:
BMW750/850/1200/1250/1300/K1600
GS/ADV
Harley-Davidson Road Glide/Street
GlideHonda Gold Wing
Ducati & KTM、Indian
More vehicle models under development



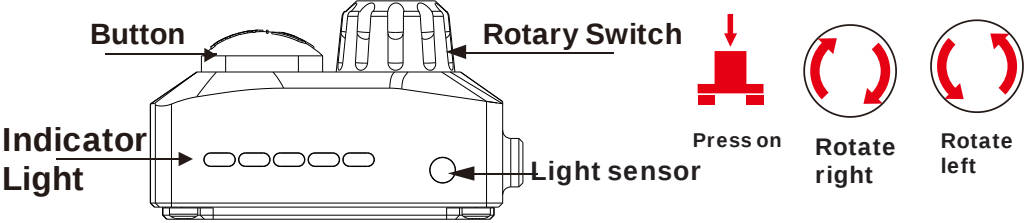
Accessories list



- J4S Spotlight-1X2
- Universal bracketX2
- Upper Universal Bracket X2
- Lower Universal Bracket
- X2Universal bracket
- washerX2Bracket Screw
- M5X20X4Controller Switch X1
- Bracket Screw M5X25X4
- Bracket Screw M5X35X4
- Screws for Fixing Bracket and Lamp
- Body M8X12 X2
- screws for bracket
- M8X10X2screws for bracket
- M8X25X2Washer for bracket M8X4
- Nut for bracket M8X4
- Switch Fixing PlateX2
- Switch Fixing PlateM8X1
- Screws for controller Switch
- M8X10X1Cable tieX8
- Non-slip pad for universal bracket
- clipX4Thread adhesiveX1

Spotlight control switch

The rotating handle of the spotlight control switch can be pressed, left turned, and right turned. The product has fully considered the use conditions such as severe cold, heat of summer, bumping, rainstorm that the product may face, and has passed various rigorous tests. Please feel free to use it



- When the spotlight is powered on for the first time: if the button is not pressed for any function, the halo is yellow:after lighting up in a circular pattern like flowing water, it stays on for about 30 seconds and then goes out.
- When powered on: Press button 1-1 mode: Short press 1/low beam on, floor light on, light Ring yellow light. Short press 2/low beam light + high beam light. Button 1-2 mode: long press/seven-color halo light, short press to change colors, up to 6 colors, long press to exit.
- Rotary Switch1-1:** When adjusting the brightness, there is an LED progress bar displayed on the side of the switch box. Rotating the progress bar left and right will cause it to change synchronously. When rotated clockwise to the maximum position, the last green LED will turn red, indicating that the spotlight brightness has reached its maximum power (this knob is used in the spotlight's constant lighting mode).

Rotary switch1-2: Short press 1/yellow halo warning flash; short press 2/red halo, running in a circle and then in a warning flash state; yellow light (fog light) constantly on (adjust the brightness with the knob switch); short press 3/high beam quick flash; short press 4/high beam yellow light alternating flash; short press to cycle. Long press to exit.

Rotary switch1-3:Long press the rotary switch 1-3 to enter automatic headlight mode (the single green light on the LED progress bar will flash regularly, indicating entry into automatic light sensing mode). When the light is weak/dark, the spotlight will automatically turn on, and when the light is strong, the spotlight will automatically turn off (this function is suitable for roads with alternating changes in light intensity).

overtaking switch: short press to turn on the spotlight's high beam, release to turn off, and long press for about 3 seconds to turn on both the spotlight's high and low beams simultaneously (this function is convenient when using two sets of spotlights). Note: During the flowing light effect of the halo, it is normal for the spotlight to exhibit a delay when switching between button functions.

Lighting and burst flashing

- Lighting mode (brightness adjustable)
- Burst flash mode (fast burst flashing, slow burst flashing, and warning burst flashing)
- Automatic headlight mode

Lighting and burst flashing

- After power on, press the buttons: short press/low light, short press/far light, short press/low light, far light, short press/loop, long press to turn off the lights.
- Knob switch 1-1:** Clockwise rotation increases brightness, counterclockwise rotation decreases brightness. The side LED light bar displays progress, and rotating the progress bar left and right will synchronize with the change. When turned clockwise to the maximum gear, the last level LED turns red, indicating that the spotlight has reached maximum power. (This knob is used when the spotlight is in constant light mode)
- Knob switch 1-2:** Short press high beam to flash quickly, short press low beam to flash, short press low beam to flash alternately, short press to cycle, long press to exit. Attention: When short pressing the knob switch to enter the yellow light (fog light), the left and right knob switches can be used to adjust the brightness of the spotlight.
- Knob switch 1-3:** Press and hold down to enter headlight mode (the LED progress bar flashes a single green light regularly to indicate entering automatic light sensing mode). When the light is weak, the spotlight will automatically light up, and when the light is strong, the spotlight will automatically turn off. Applicable when there is an alternating change in the intensity of road lighting.
- Overtaking switch:**Short press the spotlight to turn it on, release to turn it off, and long press for about 3 seconds. The high and low lights of the spotlight will turn on simultaneously (used in scenes where two sets of spotlights are installed, only one set of spotlights is installed, not recommended for use)

Indicator light description

- Enter automatic headlight mode, the indicator light flashes once and stops for 3 seconds in a loop.

Description of spotlight controller

- The spotlight controller is an "intelligent switch" that uses low current to control high current operation. It plays a role in self-regulation, safety protection, and circuit conversion in the circuit. While effectively enhancing the motorcycle auxiliary lights, it also serves to protect the spotlights.

Intelligent temperature controller

LED is a heating device, which is sensitive to temperature, especially high power and high brightness. It is easy to damage or shorten the use life of LED due to high temperature, J1 spotlight uses intelligent temperature control design, which measures the temperature of the LED. Because the light structure is different, the whole light thermal conductivity is also different. Generally, the surface temperature of the light is constant between 50 and 60 Celsius degrees. When it is greater than the set temperature, the power will be automatically reduced, to achieve the purpose of cooling, the brightness of the light will also decrease at this time, and when the temperature drops (when the battery is full), the power will slowly rise, brightness is also improved. The process of improving brightness is relatively soft and will not produce a flicker. Such temperature control cycle effectively ensures the safe use of users and extends the service life of spotlights. Under good air cooling conditions (low temperature or strong wind environment), even in high brightness mode, the brightness of the light will not decrease. There is no preset time setting for temperature control startup, but it runs in real-time temperature measurement, so the actual lighting time depends on the temperature control startup, which affects the faster or slower discharge of the battery. It may be a little longer or lower the lighting time data provided by the light.

Maintance

- Regularly clean the dust and sundries on the lens and the spotlight body to ensure them aximum brightness. If possible, use a soft cloth or glasses cleaning cloth to avoid scratching the glass surface.
- Please keep the wire plugs and spotlight body away from water, dust, sand and dirty things.

Warning!!

- This product is not a toy, please keep away from children.
- Please do not direct the eyes of people or animals with the spotlight.
- When meeting, turn the light to the low beam mode to avoid interference to the vehicles running opposite.
- During or after the use of the spotlight, the front grass and spotlight body will become hot. Please do not touch it directly with your hands.
- When the spotlight is on, do not place the glass side (light head) of the spotlight body downward to avoid the high temperature released by high brightness scalding the place or causing accidents.
- Please be sure to use this product within the voltage range. Too high voltage may cause damage to the product.

Disclaimer

- This product is a personalized auxiliary product for motor vehicles. Please follow local laws and regulations before purchasing.
- Non professional personnel are not allowed to disassemble and assemble this product on their own. Our company is not responsible for any consequences caused by installation errors.
- The final interpretation right of this instruction belongs to Foshan City Dragon Vehicle Accessories Technology Co., Ltd.

◆◆◆◆◆◆◆◆ Patented product,counterfeiting not allowed ◆◆◆◆◆◆◆◆

Foshan City Dragon Vehicle Accessories Technology Co., Ltd.
Address: Nanshui Road, Hegui Industrial Park, Nanhai District, Foshan,
ChinaService Line: +86 20-81798236
Website: www.fsbl888.com