

The Manual of Double-Service Bicycle Lamp + Headlight SSC P7 LED

SF-90

1. Product Main Parameters

SingFire
SF-90

SSC P7 1200LM
Continual run time: 7 hours(MAX)




SingPad Technology

1.1 Sheath Materials

- Aero aluminum alloys
- CNC treating
- Surface anode under oxidation treatment

1.2 Oxidation Color

Titanium black

1.3 Dimension

Length 55 mm× Diameter 42mm

1.4 Weight

- Lamp body nets: 110g
- Battery pack nets: 226g
- Head lamp tape nets: 50g

1.5 Switch Mode

With translucent silicon design, blue and red LED indicates battery working states. The LED is lighted when electricity has been connected.

- The blue LED will light above 6.4V
- The red LED will light below 6.4V

1.6 Power source

The power source consists of four 18650, 4400mAh, 8.4V batteries with two series connection and two parallel connection. Generally, it can work continuously 3 ~ 4 hours.

1.7 Four Files Switch

- Bright light (100%)
- Medium light (50%)
- Low light (20%)
- Flashing (10Hz)

1.8 Light Source

- CREE SSC P7 LED aluminum alloy light cup
- Maximum brightness 1200LM with drive current 2500MA
- Farthest distance illuminate 300M

1.9 Applications

- Hunting
- Exploration covers
- Night riding a bicycle
- Outdoor exercises

SingFire
SF-90A

SSC P7 1200LM
Continual run time: 7 hours(MAX)




SingPad Technology

2. Description

2.1 The kinds of Head Lamp

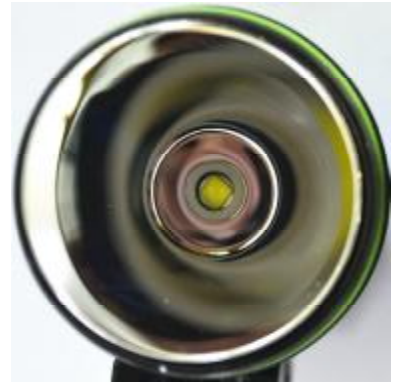
This head lamp adopted two light cups which included orange peel and glossy.

It has attributes with heat-resistance, anti-separation aluminum alloy light cup, perfect spotlighting effect, special design deepen light cup, reflective large area.



Orange Peel Light Cup

- Orange peel light cup
With astigmatism effect, floodlight strong, illuminate a wide ranges, it is suitable for night riding and outdoor sports.
- Glossy light cup
It is right for hunting and lighting.



Glossy light cup

2.2 The Head Lamp's Design

This head lamp which adopted the special circuit design and microprocessor control gear, including bright light, medium light, Low light, Flashing(10Hz). It improved conversion efficiency above 90% on the basis of IC control switch to circuit design.

2.3 The Waterproof Design

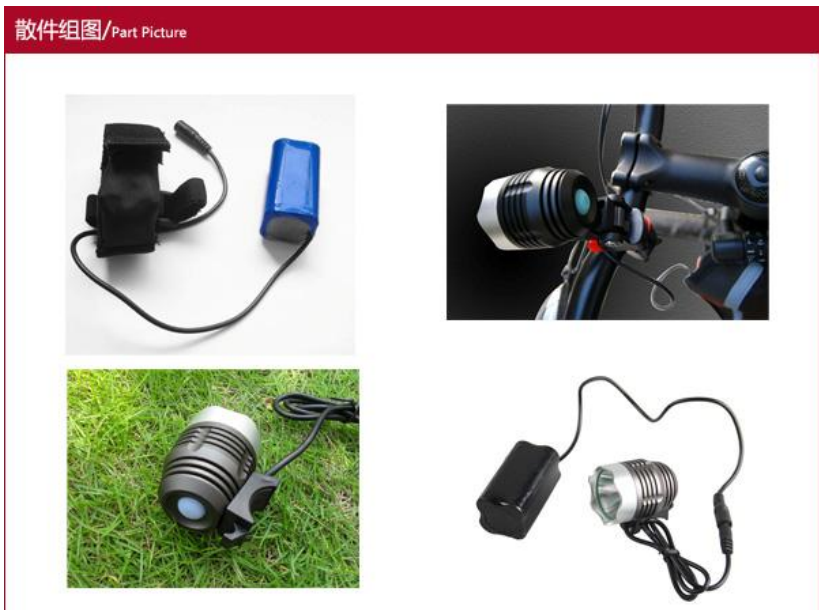
Bicycle lamp and headlight will use in rainy day and won't be erosion internal circuit and lithium battery.

Notices: Do not long periods soaking in the water.

3. User Instructions

3.1 Head Lamp

The Head Lamp can rotate 90 degrees and connect head bring with 50mm elastic rubber ring. The head lamp batteries line and head bring fixed with little clip can hang over waist to reduce bearing.



3.2 Headlight

The lamp holder and bicycle handles together with 50mm elastic rubber ring, and hang with battery pack on a bicycle to facilitate ride at night.

4. Operating Instructions

4.1 Press the switch

The order of 4 modes: high /mid /low /circulation. Hold switch continuously for two seconds will turn off LED light.

4.2 Battery charging

The initial charge shows the red light, filled for the green, rated current 1000mA with 8.4v single quarter lithium battery charger.

5. Warnings

5.1 Try to avoid T6 lamp long time to light when bicycle lamp show the red, it may damage the battery. At this time, take power plug of a battery and connection to charger.

5.2 The battery does not need in long time, it is better to keep at least once a month of charging frequency.

6. After-sale Service

6.1 Flashlight

- One months exchange for quality problems

Notices: No appearance scratch and no artificial damage.

- One-year warranty

Notices: Non-man-made damage for free cost of raw materials and artificial maintenance.

6.2 Lithium Battery

- Three months exchange for quality problems.

