

## SOBO AL-580 COB

# SOBO Slim Bright AL COB Plant Lamp (AL-580 COB) User Manual

Model: AL-580 COB | Brand: SOBO

## 1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your SOBO Slim Bright AL COB Plant Lamp, model AL-580 COB. Please read this manual thoroughly before installation and use, and retain it for future reference.

### 1.1 Product Overview

The SOBO AL-580 COB Plant Lamp is a high-performance LED lighting solution designed for various aquarium environments. Its slim and flat design, coupled with quality LED beams, provides optimal illumination for planted tanks, marine tanks, and tropical fish tanks. The lamp features a durable aluminum casing and is equipped with extendable bracket stands for versatile mounting.

### 1.2 Package Contents

- SOBO Slim Bright AL COB Plant Lamp (AL-580 COB)
- Power Cable

## 2. SAFETY INSTRUCTIONS

Observe the following safety precautions to prevent injury or damage to the product.

- Electrical Safety:** Ensure the power supply voltage matches the lamp's requirements. Do not operate with damaged cords or plugs. Keep electrical connections dry.
- Water Proximity:** This lamp is waterproof, but the power adapter and connections are not. Always handle the lamp with dry hands and ensure it is securely mounted above the water level to prevent accidental immersion of non-waterproof components.
- Installation:** Install the lamp securely to prevent it from falling into the aquarium.
- Maintenance:** Disconnect power before performing any maintenance or cleaning.
- Children and Pets:** Keep out of reach of children and pets.
- Intended Use:** Use this product only for its intended purpose as an aquarium light.

## 3. SETUP AND INSTALLATION

### 3.1 Unpacking

Carefully remove all components from the packaging. Inspect the lamp and accessories for any signs of damage. If any damage is found, do not proceed with installation and contact customer support.

### 3.2 Mounting the Lamp

The SOBO AL-580 COB Plant Lamp is designed with extendable bracket stands for easy installation on the rim of your aquarium.

1. Attach the extendable brackets to both ends of the lamp body.
2. Adjust the brackets to fit the width of your aquarium.
3. Carefully place the lamp on the aquarium rim, ensuring it is stable and level. The lamp should be positioned to provide even light distribution over the tank.

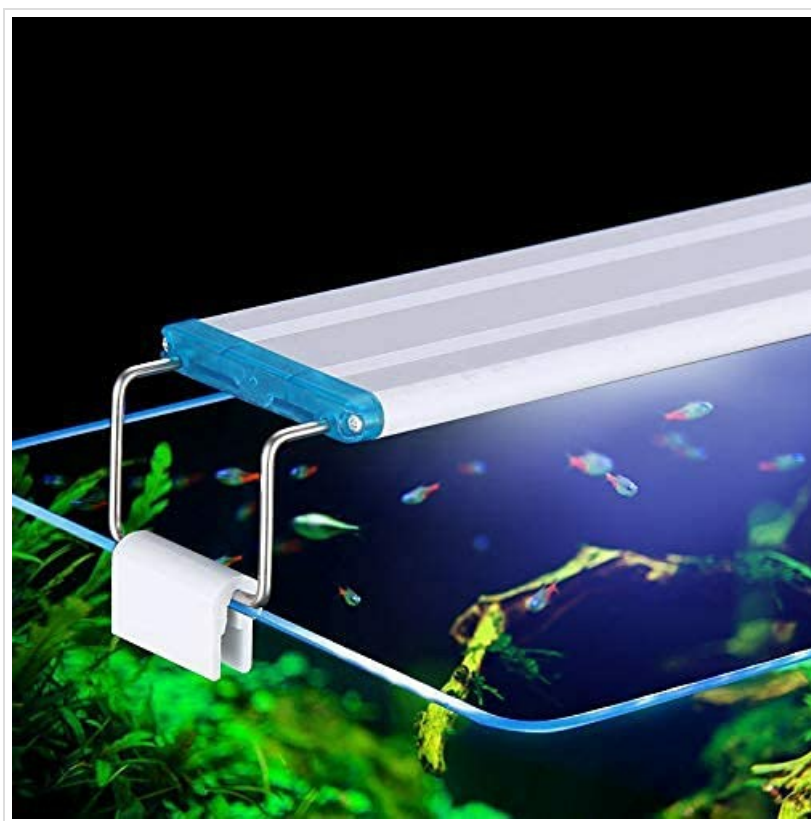


Figure 1: SOBO AL-580 COB Plant Lamp installed on an aquarium with extendable brackets, showing its placement over the water surface.

### 3.3 Connecting Power

1. Once the lamp is securely mounted, connect the power cable to the lamp's power input.
2. Plug the power adapter into a suitable electrical outlet. Ensure the outlet is dry and protected from splashes.

## 4. OPERATING INSTRUCTIONS

The SOBO AL-580 COB Plant Lamp features a touch-sensitive switch for easy operation.



Figure 2: Top view of the SOBO AL-580 COB Plant Lamp, illustrating the arrangement of its Red, Blue, and White LED lights.

## 4.1 Power On/Off

Gently touch the designated switch area on the lamp body to turn the light on or off.

## 4.2 Light Adjustment

The lamp features Red, Blue, and White LED lights. Depending on the model variant, repeated touches on the switch may cycle through different lighting modes or allow for intensity adjustment. Refer to the specific functionality of your lamp for detailed light adjustment options.

# 5. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your SOBO AL-580 COB Plant Lamp.

## 5.1 Cleaning

1. **Disconnect Power:** Always unplug the lamp from the power outlet before cleaning.
2. **Lamp Body:** Wipe the aluminum casing and LED cover with a soft, damp cloth. Avoid using abrasive cleaners or

solvents, as these can damage the finish or LED components.

- 3. **Brackets:** Clean the extendable brackets as needed to prevent mineral buildup.
- 4. **Drying:** Ensure all parts are completely dry before reconnecting power.

5.2 Storage

If storing the lamp for an extended period, clean it thoroughly, disconnect the power cable, and store it in a dry, cool place away from direct sunlight.

6. TROUBLESHOOTING

If you encounter issues with your SOBO AL-580 COB Plant Lamp, refer to the following common problems and solutions.

Problem	Possible Cause	Solution
Lamp does not turn on.	No power supply. Faulty power cable/adapter. Touch switch not responding.	Check if the power cable is securely plugged into both the lamp and the outlet. Test the outlet with another device. Ensure the power adapter is functioning correctly. Gently touch the switch area.
Light is dim or flickering.	Power supply issue. Dirt or debris on LED cover.	Verify stable power supply. Disconnect power and gently clean the LED cover with a soft cloth.

If the problem persists after attempting these solutions, please contact customer support.

7. SPECIFICATIONS

Model	AL-580 COB
Brand	SOBO
Manufacturer	Sobo
Product Dimensions	400D x 40W x 30H Millimeters
Item Weight	495 Grams
Wattage	50 Watts
Light Source Type	LED
Material	Aluminium
Special Feature	Waterproof
Shade Colour (LEDs)	Red, Blue, White
Switch Type	Touch
Mounting Type	Aquarium Rim (with extendable brackets)
Recommended Use	Aquarium Lighting (Planted, Marine, Tropical Fish Tanks)

## 8. WARRANTY AND SUPPORT

For warranty information and customer support, please contact the seller or distributor.

**Distributor:** CENTRAL FISH AQUARIUM

**Contact Number:** 9383347593

Please retain your proof of purchase for any warranty claims.