**SYLSTAR SLT-11C-US-GN**

# SYLSTAR SLT-11C-US-GN 50W Corded and Cordless LED Work Light Instruction Manual

Model: SLT-11C-US-GN | Brand: SYLSTAR

## Introduction

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your SYLSTAR 50W Corded and Cordless LED Work Light. Please read this manual thoroughly before use and retain it for future reference.

## Safety Instructions

- Always ensure the work light is placed on a stable surface to prevent tipping.
- Do not look directly into the LED light when it is operating, as it can cause eye strain or damage.
- Keep the work light away from flammable materials.
- Ensure proper ventilation when operating for extended periods.
- Disconnect from power (AC or battery) before cleaning or performing maintenance.
- This product is IPX5 waterproof, meaning it is protected against low-pressure water jets. Do not submerge the unit in water.
- Use only compatible Makita 18V lithium-ion batteries (up to 5.0Ah).
- Do not attempt to modify or disassemble the unit. Refer all servicing to qualified personnel.

## Product Overview and Features

The SYLSTAR 50W LED Work Light offers versatile illumination with dual power options and robust construction.

### Key Features:

- **Dual-Power Capability:** Operates on standard 120V AC power or compatible Makita 18V lithium-ion batteries (not included). Features automatic switchover from AC to battery power if AC is lost.
- **Makita Battery Compatibility:** Designed for Makita 18V lithium-ion batteries (up to 5.0Ah) with built-

in low-voltage protection and AC isolation.

- **High Brightness:** Delivers 5000 lumens on AC power and 3500 lumens on battery power, with a 6000K color temperature for clear, wide-area illumination.
- **Stepless Dimming Control:** Adjustable brightness from 10% to 100% via a knob (functional only in battery-powered mode).
- **Durable and Weather-Resistant:** IPX5 waterproof rating and a secure battery compartment cover protect against dust and water.
- **Integrated Cable Storage:** Features a 10-foot power cord with a convenient storage design.




*Figure 1: Front view of the SYLSTAR 50W Corded and Cordless LED Work Light, showcasing its dual COB LEDs, sturdy yellow frame, and black handle. The 10ft power cord is neatly wrapped around the base.*




*Figure 2: Illustration of the work light's dual power capability, showing operation with both 120V AC and 18V battery power in different work environments.*

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*Video 1: Official product demonstration of the SYLSTAR 50W Hybrid AC/DC Work Light, highlighting its features and functionality.*

## Setup

### Installing the Battery (for Cordless Operation)

1. Locate the battery compartment on the back of the work light.
2. Unlatch the metal clips and open the battery compartment cover.
3. Align your compatible Makita 18V lithium-ion battery (up to 5.0Ah) with the battery slot.
4. Slide the battery firmly into place until it clicks.
5. Close the battery compartment cover and secure the metal clips to ensure a waterproof seal.




*Figure 3: Close-up of the battery compartment, showing compatibility with various Makita 18V battery models.*

## Operating Instructions

### Powering On/Off and Mode Selection

The SYLSTAR work light supports both AC and DC power.

**AC Power Mode:**

- Plug the 10-foot power cord into a standard 120V AC outlet. The light will automatically turn on at its maximum brightness (5000 lumens).
- In AC mode, the dimming knob is non-functional, and the light remains at full brightness. To turn off the light, unplug the power cord.

**DC (Battery) Power Mode:**

- Ensure a charged Makita 18V battery is securely installed in the battery compartment.
- Rotate the dimming knob clockwise from the "OFF" position to turn on the light.
- Continue rotating the knob to adjust the brightness steplessly from 10% to 100% (3500 lumens maximum).

- To turn off the light, rotate the dimming knob counter-clockwise to the "OFF" position.

**Automatic Switchover:**

- If the light is operating on AC power and the power supply is interrupted, it will seamlessly switch to battery power (if a charged battery is installed) without requiring a reset.




*Figure 4: The stepless dimming control knob, which functions only in battery-powered mode.*

### Adjusting Light Angle

The work light features an adjustable stand. Loosen the knobs on either side of the light head, adjust the angle to your desired position, and then tighten the knobs to secure it.

## Maintenance

- **Cleaning:** Wipe the light's exterior with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Storage:** Store the work light in a dry, cool place away from direct sunlight when not in use. Ensure the power cord is neatly wrapped using the integrated cable storage.
- **Battery Care:** If using battery power, remove the battery during long periods of inactivity.




*Figure 5: The integrated cable storage design helps keep the 10-foot power cord organized.*

## Troubleshooting

### Light does not turn on:

- **AC Mode:** Check if the power cord is securely plugged into a live 120V outlet. Ensure the outlet is functioning.
- **DC Mode:** Verify that a charged Makita 18V battery is correctly installed and the dimming knob is rotated past the "OFF" position.

### Dimming knob does not adjust brightness:

- The stepless dimming function is only active when the work light is operating on DC (battery) power. When plugged into AC power, the light will operate at full brightness, and the dimming knob will not function.

### Light suddenly turns off in DC mode:

- The work light has built-in low-voltage protection. If the battery voltage drops below a safe level (e.g., 14V), the light will automatically shut off to protect the battery from over-discharge. Recharge or replace the battery.

## Specifications

| Feature | Detail |
|---|---|
| Power Source | Corded Electric, Battery Powered |
| Light Source Type | Light Emitting Diode |
| Finish Type | Painted/Powder Coated |
| Shape | Rectangular |
| Color | Green |
| Manufacturer | SYLSTAR |
| Item Model Number | SLT-11C-US-GN |

| Feature | Detail |
| --- | --- |
| Product Dimensions | 10 x 10 x 7 inches; 4.83 Pounds |
| Brightness | 5000 lumens (AC), 3500 lumens (DC) |
| Color Temperature | 6000 Kelvin |
| Wattage | 50 Watts |
| Mounting Type | Floor Mount |
| Bulb Features | Stepless Dimming, Low-Voltage Protection, Makita Battery Compatibility |
| Batteries Included | No |
| Batteries Required | Yes (for cordless operation) |
| Included Components | Light |
| Item Package Quantity | 1 |

## Warranty and Support

The SYLSTAR 50W Corded and Cordless LED Work Light is backed by a**12-month warranty**. For any issues or assistance, please contact our 24/7 dedicated support team.
For further information or support, please visit the official SYLSTAR Store:SYLSTAR Store.