



Operation Manual

100 Watt SMD Twin Head
Work Site Light
- 9,400 Lumens

Prod. No. 849917 Mod. No. SWL-100T



Read all safety warnings and instructions. Failure to follow all warnings and instructions may result in electric shock, fire, or serious injury. Save all warnings and instructions for future reference.

- Do not use in areas where flammable materials may be present
- Do not abuse the cord. Never use the cord for carrying, pulling, or unplugging the light. Keep cord away from heat, oil, sharp edges, or moving parts
- Do not use if switch is not operational
- Disconnect from power source before cleaning or maintaining light
- Use an outdoor rated extension cord if using light outside
- Do not look directly at light during operation to avoid possible eye injury
- Do not alter or modify the work light in any way

CAUTION: RISK OF ELECTRIC SHOCK – Do not use with extension cord in water or near where water may accumulate. Keep work light a minimum of 16' away from pools, spas and other bodies of water



Assembly and Operation

TECHNICAL SPECIFICATIONS

Voltage: 120 V, 60 Hz
 Amperage: 0.4 A
 Lumens: 9,400
 Watts: 100 (2 x 50 W)
 Surface Mounted Diodes: 200 (2 x 100)
 IP rating: IP-44
 SMD Lifetime Estimate: 30,000 hours

POWER SUPPLY

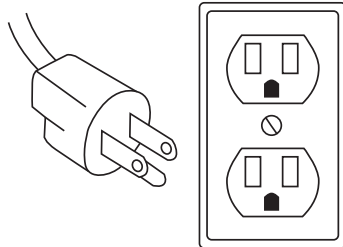
Your STARTECH work light must be connected to a 120V 60Hz 15A power supply protected by a circuit breaker. **FAILURE TO CONNECT THIS WAY MAY CAUSE ELECTRICAL SHOCK OR FIRE.** Work light must be grounded; consult a qualified electrician if you are not sure if your outlet is properly grounded. **FAILURE TO USE A PROPERLY GROUNDED OUTLET MAY CAUSE ELECTRICAL SHOCK.**

Your STARTECH work light is IP-44 rated for use outdoors. For outdoor wet locations the use of a Ground Fault Circuit Interrupter (GFCI) provides additional safety.

DO NOT REMOVE OR ALTER THE GROUNDING PRONG

EXTENSION CORDS

Using an extension cord will result in the loss of voltage between the outlet and the tool. Use chart below to determine minimum AWG wire size for the length of cord you require. If used outdoors ensure extension cord is suitably rated.



Length	Gauge
0 - 25 Feet	16 ga
26 - 50 Feet	14 ga
51 - 100 Feet	12 ga

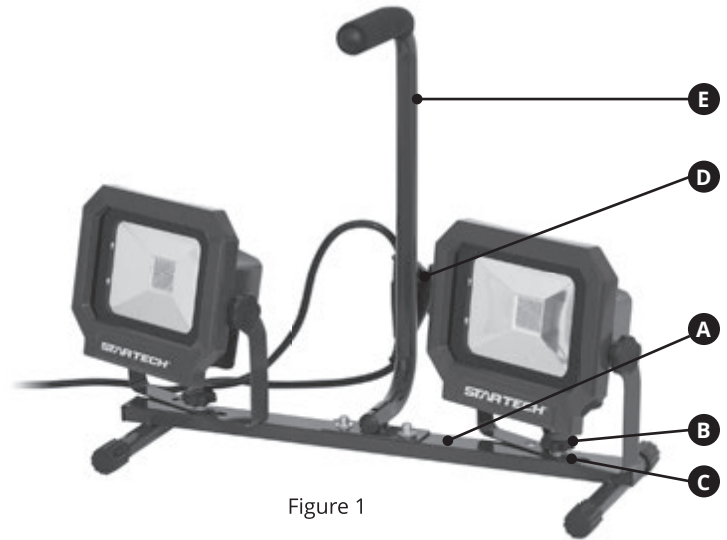


Figure 1

ASSEMBLY

1. Attach carrying handle (E) to base (A) with bolts
2. Place base on flat work surface.
3. Attach lights using 2 lock knobs (B) inserted through holes in brackets (C) into threaded holes in base (see figure 1). Fasten with flat washers and lock washers.
4. Use long knob (D) to fasten power cord to handle through hole in Y connection

OPERATION

Plug light into 120 V 60 Hz single phase 15 A receptacle. Press weather sealed switch (located on back of unit) once to turn light on and again to turn it off. Always turn light off at the switch before disconnecting from power supply.

Light can be aimed up to 30° down or 90° up. Loosen side locking knobs, adjust work light head to aim light at work space, then tighten locking knobs.

MAINTENANCE

Your work light requires little maintenance. Clean lens and body with a non-abrasive cleaner. Periodically inspect cord for cracks, cuts, and abrasions. Inspect plug and ensure grounding prong is present and undamaged. If service is required, use only identical replacement parts. Contact your retailer for further information.

DISPOSAL

Do not dispose of used electrical equipment in household or unsorted waste. Contact your local municipal authority for information on recycling electrical equipment in your community.