



ATD-80239 Instructions

This light must be fully charged every 3 to 4 months whether used or not



Features and Specifications

- 7.4V 2000MAh Li-ion rechargeable battery - twice the life expectancy compared to regular rechargeable batteries.
- Cordless, 90 super bright LED's provide long, dependable service life.
- Shatterproof and shock resistant protective tube.
- Swivel hooks make this light easy to attach anywhere – horizontally or vertically..
- The ATD-80239 Saber Li-Ion Worklight provides an average runtime of 4 hours per charge.
- 9V 500mA AC to DC adaptor can be used with 110V AC power source.
- **OPTIONAL** DC adapter (ATD-80131) can be used with your vehicles 12V power outlet.
- Red light on adaptor (indicates charging), green light on adaptor (indicates fully charged), blue light on led board (indicates low battery).
- Overcharge and over discharge protection.
- Automatically shuts off soon after low battery indicator lights up.

Charging Instructions

The battery is only charged 50% before shipping. Fully charge your ATD Saber Worklight before use.

Be sure your ATD Saber Li-Ion Worklight is turned off, as it will not charge while in use, and then plug the AC charging unit into the wall and into the bottom of your ATD Saber Li-Ion Worklight. The LED indicator on the wall charging unit will change from red to green when the ATD Saber Li-Ion Worklight is fully charged.

The blue indicator light on the LED board will come on when the battery is almost discharged, giving you a few minutes of light left before the light goes completely out. It will not fade out, it will simply turn off.

The ATD Saber Li-Ion Worklight will need to be recharged when the blue indicator light on the LED board comes on. Charging time for a full charge is approx 4 hours. Be sure to only use the AC adaptor (supplied) or the DC adaptor (optional) with the light. Use of any other 110VAC or 12VDC adaptor can cause battery damage.

After charging, make sure the Saber Light is disconnected from adapter and wall outlet, otherwise it will gradually discharge.

The ATD Saber Li-Ion Worklight needs to be fully charged at least every 6 months to maintain the performance of battery.

Operating Environment

The ambient temperature range for working is 14°F-122°F (-10°C-50°C). The ambient temperature range charging is 32°F-104°F (0°C-40°C). Charging the battery at a lower or higher temperature range will damage the battery.

- If you must charge in a low temperature condition you run risk of damaging the battery. Expect erratic behavior from the charging indicator light once fully charged, it may illuminate between red/green, or even turn orange. Charging in low temperature conditions is not recommended.
- Keep your ATD Saber Li-Ion Worklight away from heat sources.
- Keep your ATD Saber Li-Ion Worklight away from acids and alkalines.
- Avoid bumping or dropping your ATD Saber Li-Ion Worklight.

LED Board Replacement instructions

- When repairing your ATD Saber Li-Ion Worklight, do not allow any metal to come in contact with the internal battery pack or the PC board and its components.
- Turn the ATD Saber Li-Ion Worklight off.
- Remove screw from lower end of handle tube assembly..
- Using needle nose pliers, pull the light assembly out of the handle tube assembly from the switch end.
- Carefully disconnect the wiring connector from the LED PC board, unscrew LED PC board from the rest of the light assembly and reconnect the new LED PC board.
- Assembly is the reverse of disassembly.

The ATD Saber Li-Ion Worklight is **NOT** waterproof, and is **NOT** intended to be used in showers, saunas, or any other potentially wet locations. Keep the ATD Saber Li-Ion Worklight away from sinks, tubs, showers, etc. Retrieving **ANY** electrical appliance when they fall onto the water can be fatal.

The ATD Saber Li-Ion Worklight is to be used for general indoor lighting. It is **NOT** intended to be used on potentially hazardous locations such as near flammables or in explosive atmospheres.

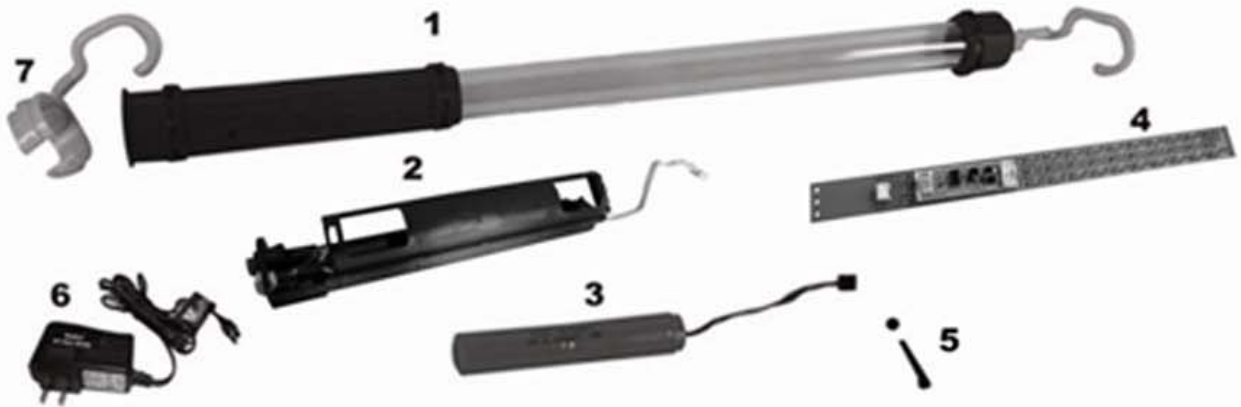
Your ATD Saber Li-Ion Worklight has a built in automatic discharge shut off feature that prevents the battery from becoming fully discharged, thus extending the battery life.

Your ATD Saber Li-Ion Worklight can be used when plugged into the AC adapter for recharging. It will not recharge while it is in use however.

The warnings, cautions, and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.



ATD-80239



ITEM#	ORDERING PART#	PART DESCRIPTION
1	PRT80239-01	HANDLE, TUBE AND CAP ASSY
2	PRT80236-02	ON/OFF ASSY
3	PRT80236-03	LI-ION BATTERY, 7.4V, 2000mAH
4	PRT80239-04	90 LED PCB ASSY
5	PRT80236-05	SCREW SET
6	PRT80133-12	AC CHARGER
7	PRT80133-16	CLIP ON SWIVEL HOOK
8	ATD80131	OPTIONAL DC CHARGING CORD
ATD80131 NOT SHOWN ON DRAWING		