

Solar Dock Lite - Owners Manual



STOP !: DO NOT RETURN TO STORE: Missing Parts? Problem? Light not working?

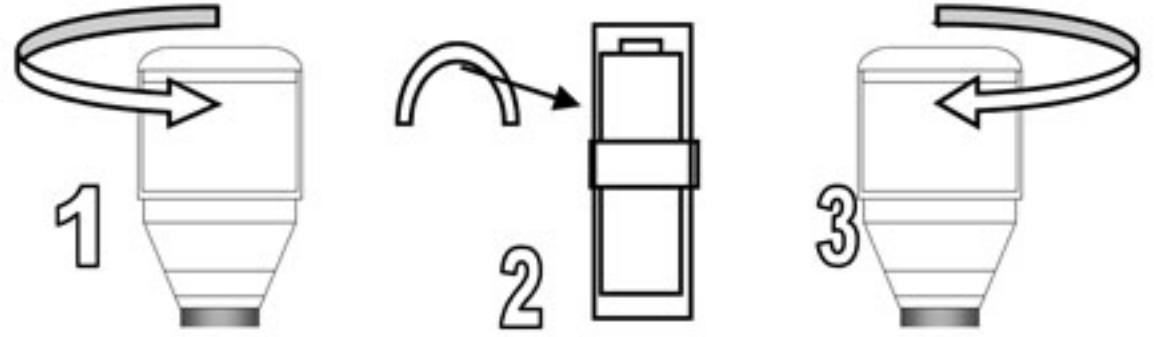
For any issue or problem please send email to sales@lakelite.com with name, address, problem or missing parts. Lake Lite Inc. can quickly correct any issue, problem, or question you may have. Please email a short description of your issue to sales@lakelite.com with name, address, phone number and someone will be happy to quickly assist you. No email access please call: Ph: 260-918-2758.



NOTE: There are two battery clips to securely hold the batteries in the battery holder so they do not fall out. Please don't forget to use them or throw them away

Battery Installation SDL-v.4

1. Twist off top and place battery in correct position.
2. Place retaining clip over battery and SNAP in place.
3. Twist top back on: **Make sure you tighten snugly to properly seal your lite!**



Mounting Instructions - Round, Square, Rectangle, Flat Surface

Optional Light Options

Square & Rectangle

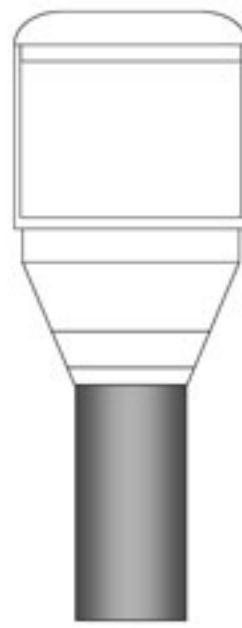
Please call or ask dealer



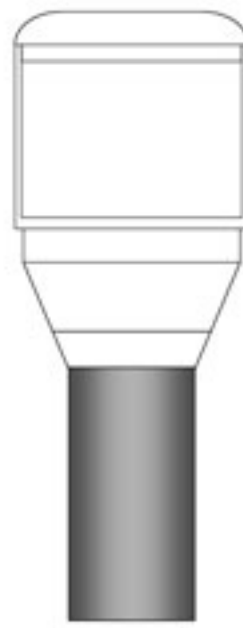
2" X 2" Square



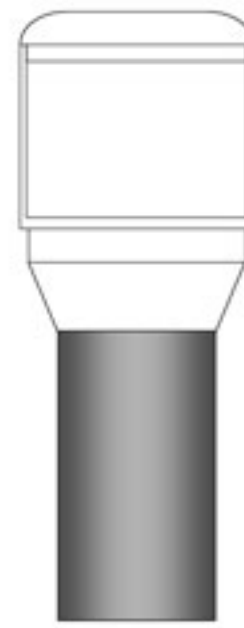
2" X 1-1/2" Rectangle



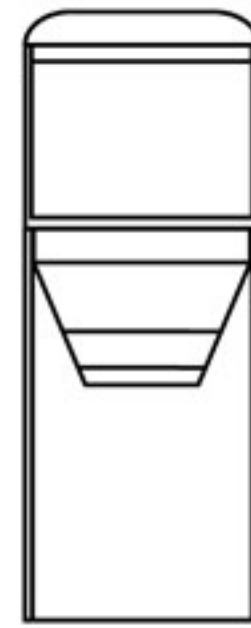
Fits
1-5/8" OD Post



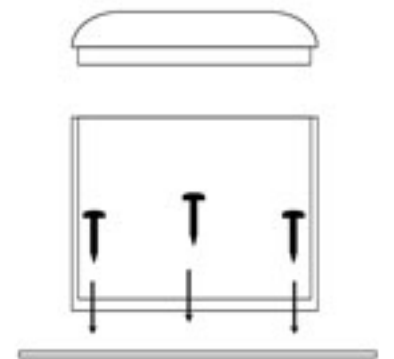
Fits
1-7/8" OD Post



Fits
2-3/8" OD Post



Fits Inside
Brock Post &
3-1/4" ID Post



Universal
Flat Surface Mount

• If your light is slightly loose on the post you may add a layer or two of tape around your post before securing it to the post with the provided set screw.

• If you have a 2.00" OD post NOT a 1-7/8" OD post you will need a separate fitting (not included). There is only approximately 1/8" difference in size which DOES require the separate fitting. Remember you may have both sizes if you have added new sections to your dock. Please call (260) 918-2758 for the needed fitting.

Remove Brock top cap, and press light inside the pipe. You may need to clear the glue from the inside of the pipe for your light to fit. You may drill a set screw if you wish.

Replace inside bolts with suitable mounting screws. (mounting screws not provided)

Use appropriate screw for desired material.

Changing LED Colors & LED Installation Color LED's - Sold Separately

NOTE: DO NOT worry if you accidentally plug the LED in backwards it will NOT damage anything it simply will not illuminate. Simply turn it around and reinsert into the socket if you incur this problem.

NOTE: Battery must have some charge in order to see if LED illuminates: Generally batteries come with a small amount of charge. Also LED will not illuminate if solar panel is exposed to enough light: (try in dark area)

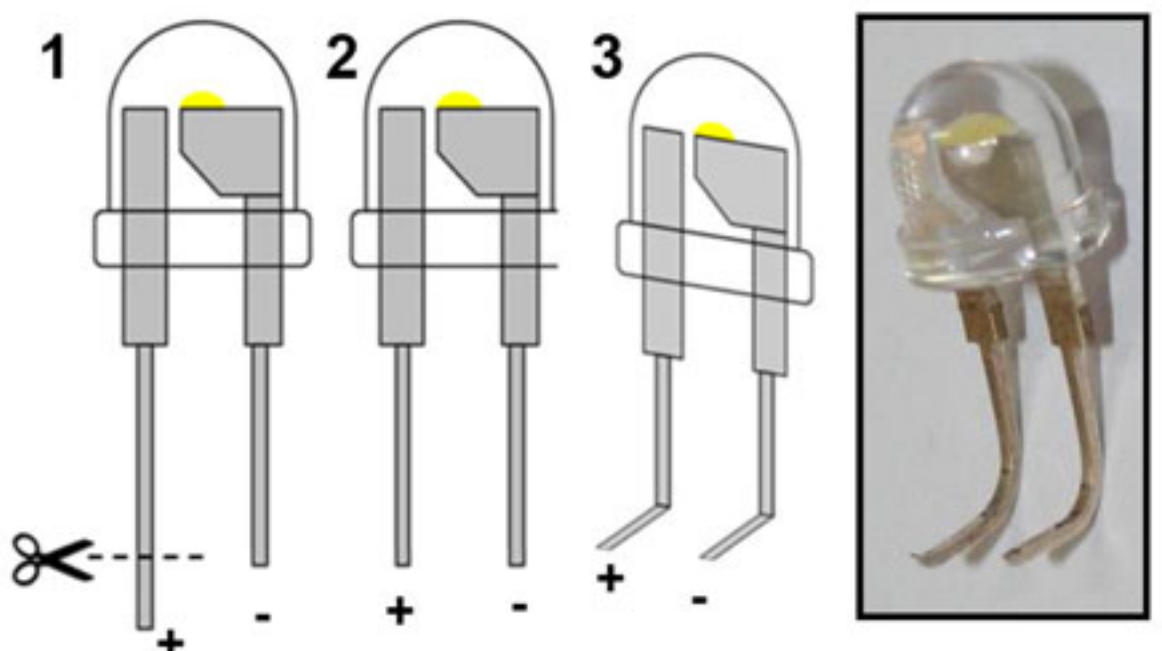
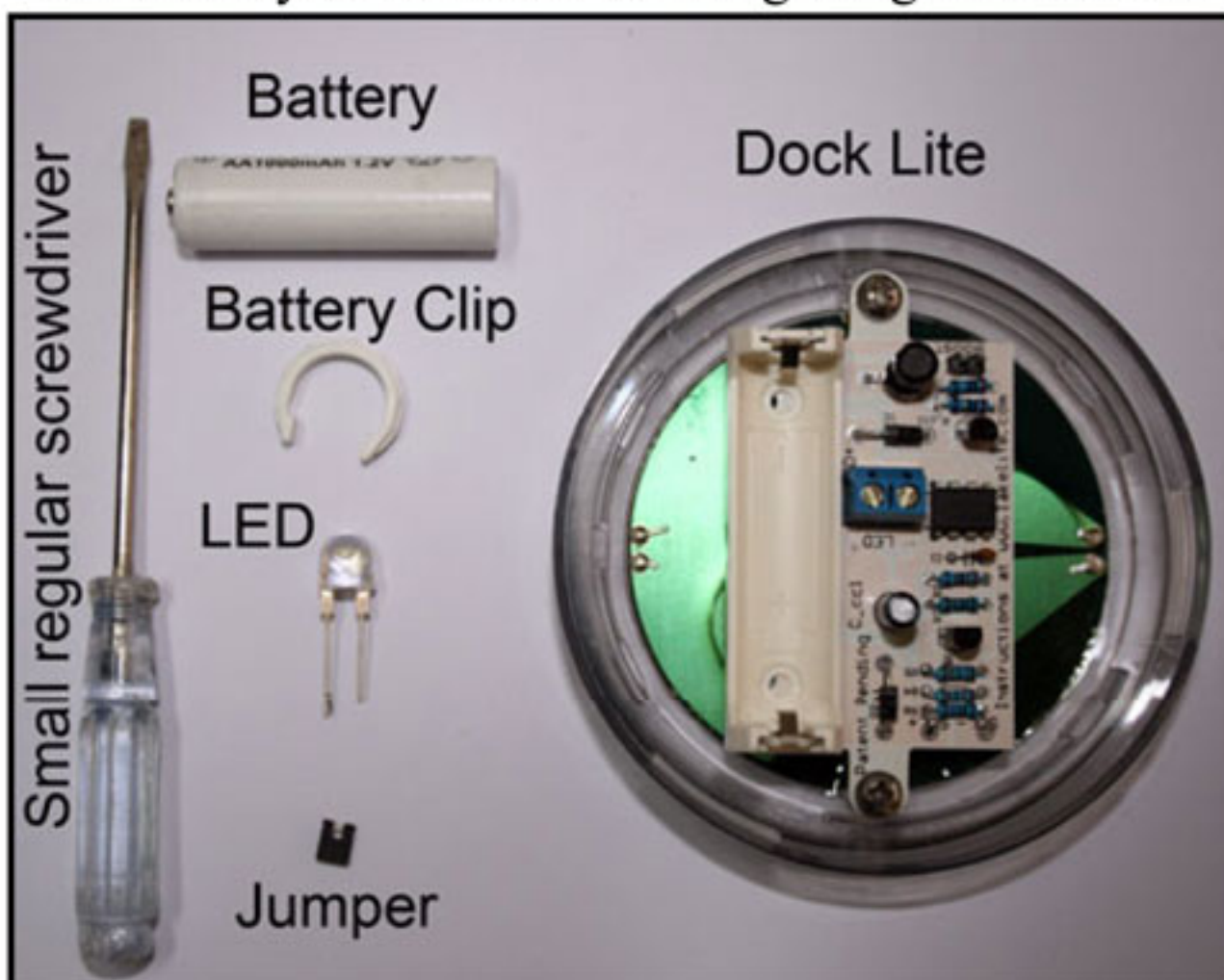
NOTE: This operation requires a small regular screwdriver and a pair of pliers.

NOTE: There is no way to tell which color an LED is until it is illuminated.

Make sure you have the following things seen below:

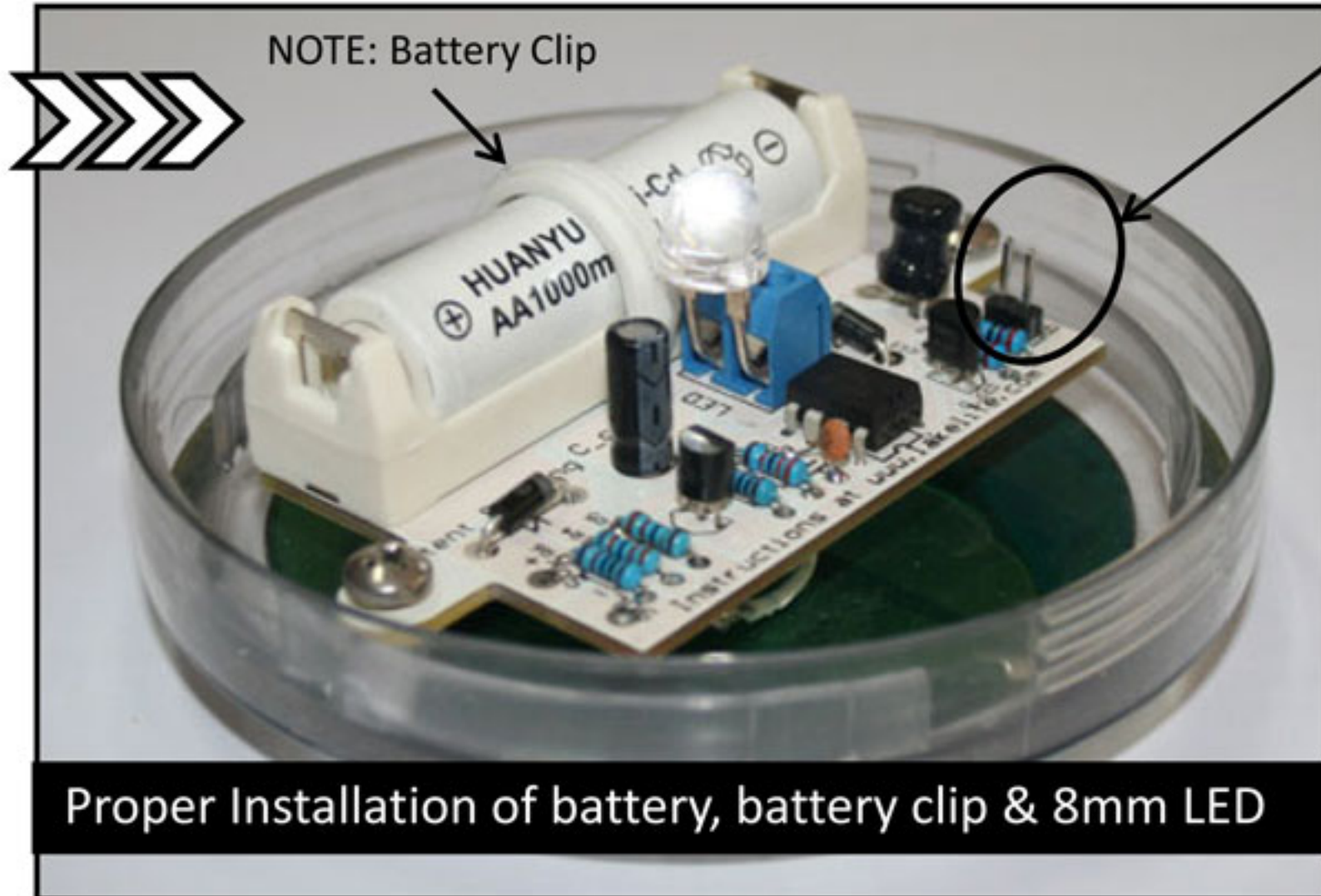
Cut Longer (+) side to same length as the (-) side.

Use pliers to Bend as seen. NOTE Bend direction.



Continue to other side





POWER BOOST OPTION:

If you would like your v5 Dock Lite to be brighter yet, simply use the small black jumper and slip it over the BOOST pins.

WARNING: The boost option uses 2X the power. Run times with provided battery will be shorter: We HIGHLY recommend you purchase higher capacity Ni-Mh Batteries in the range of 2000-2500mA to increase run times. The solar panel is capable of charging the larger batteries: You can purchase these batteries at most stores such as Wal-Mart.

You may also use higher capacity Ni-Mh batteries without the boost option for very long run times.

WARNING: Power Boost can only be used with newer v5 Dock Lite (8mm) Jumbo size LED's. Power boost option will ruin a Dock Lite v4 or below (5mm) LED.

Proper Installation of battery, battery clip & 8mm LED

Troubleshooting

Q: My light does not work.

1. Make sure battery is securely in place & in proper position.
2. Your LED may be installed backwards. Try reversing.

Q: I replaced my LED with a different color LED but it did not illuminate.

1. The battery must be charged and the LED must be properly installed in order for the LED to illuminate.
2. After installing the LED try placing the unit in a dark area. The light is activated and turned on by the dark.
3. FOLLOW INSTRUCTIONS AGAIN CAREFULLY!
4. You may also visit www.lakelite.com for more detailed instructions or call Lake Lite at 260-918-2758.
- 5.

Q: My light has a short run time.

1. Improper location. The light is powered by the sunlight, place light in direct sunlight.
2. Batteries may be dead, replace with new Ni-Cd or Ni-Mh batteries.
3. You may be using the BOOST option with low capacity batteries: Try purchasing Ni-Mh types of 2000-2500mA.

Q: My light is very dim.

1. LED may have poor connection in socket: Check connection: (in a very rare instance the LED may be faulty, please contact us)
2. Batteries may be dead, replace with new Ni-Cd or Ni-Mh batteries. – This is the most common reason.
3. Dock Lite is in a shaded area and is not receiving full sunlight throughout the day. Place in sunny area not shaded by objects.

Q: My Solar Dock Lite fits very tight or very loose on my dock post.

1. Make sure there are no abrasions on your post. If so, file or sand to clean excess paint, burrs, or abrasions. These are very common!
2. Pipe sizes & tolerances vary; you may wrap you post with Duct Tape or equivalent to provide a more snug fit.
3. Secure light by tightening set bolt.
4. If you have a LAKESHORE PRODUCTS INC. dock you may need a separate 2.00 OD Exact fitting. Please call.
- 5.

Q: I am having troubles securing my Solar Dock Lite using the universal flat surface mount.

1. Use mounting screws or bolts that fit your mounting requirements. (not included)
2. Make sure mounting holes are sealed if placing in a wet area! (i.e. caulk or equivalent)

IMPORTANT: For best performance, replace with rechargeable AA Ni-Cd or Ni-Mh batteries every 2 seasons of use!

Storage Tips (Winter)

Extreme winter weather can reduce the life expectancy of your Solar Dock Lite

1. Cold weather can dramatically reduce the life expectancy of your rechargeable Ni-Cd or Ni-Mh battery.
2. Store your Solar Dock Lite inside during cold months when your dock is not in use
3. If you have glued your Solar Dock Lite base unit to your Brock post you may simply remove the Solar Top (Electronics Portion) and store inside if you don't plan to store you Brock posts inside.

CAUTION: CONTAINS NICKEL-CADMIUM BATTERIES. BATTERY MUST BE RECYCLED OR DISPOSED OF PROPERLY.

Owner Registration Card

Please fill out and affix proper postage and return this owner registration card **within 10 days** to insure that your new Solar Dock Lite is covered by the limited warranty.

Purchaser's Name _____

Address _____

State _____ Zip _____

Purchase Date: _____ Number of Lights: _____

Where Purchased (Store Name): _____

Model No. SDL-C
UPC No. 094922533210

Lake Lite Inc.
2301 Fairfield Ave, Suite 107, Fort Wayne, IN 46807

Lake Lite Inc. 1-Year Limited Warranty

The retailer warrants the Solar Dock Lite to be free from defects in workmanship and material present at time of shipment from the factory for a period of one year after the date of purchase by the original purchaser. We agree to correct such defects without charge or at our option replace with a comparable or superior model if the product is returned to the retailer. To obtain warranty service, you must present a copy of the receipt as proof of purchase. All costs of removing and reinstalling the product are your responsibility. Damage to any part such as by accident or misuse or improper installation or by affixing any accessories, is not covered by this warranty. There is no other express warranty. The retailer hereby disclaims any and all warranties, including but not limited to, those of merchantability and fitness for a particular purpose to the extent permitted by law. The duration of any implied warranty, which cannot be disclaimed, is limited to the time period as specified in the express warranty. Some states do not allow limitation on how long an implied warranty lasts, so the above limitation may not apply to you. The retailer shall not be liable for incidental, consequential, or special damages arising out of or in connection with product use or performance except as may otherwise be accorded by law. Some states do not allow the exclusion of incidental or consequential damage, so the above exclusion or limitation may apply to you. This warranty gives specific legal rights, and you may also have other rights, which vary from state to state. This warranty supersedes all prior warranties.

WARNING! Lake Lite Inc. does not warrant the LED or Solar Dock Lite from defects associated with misplacing the LED in the wrong LED color labeled socket. Any defects of a Red, Orange, or Yellow LED are not warranted if they are placed in the White/Blue/Green Only socket. PLEASE READ INSTRUCTIONS CAREFULLY. IF YOU ARE UNSURE PLEASE REFER TO OUR DETAILED INSTRUCTIONS AT www.lakelite.com.