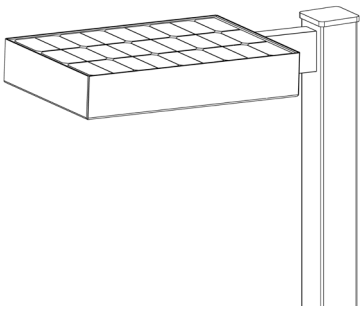
INSTALLATION INSTRUCTIONS

SCL2 Series - Solar LED Commercial Light

PRIOR TO INSTALL



Warning: Do not install pole without the SCL2. The SCL2 may be mounted on a square pole, or a round pole with at least a 3" outer diameter.

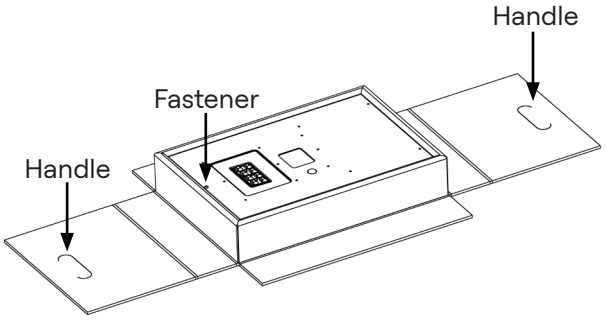
Ensure install location receives at least 2 to 3 hours of midday sun for best performance. Install footing and pole as per specifications. Please handle fixture with care as scratches will affect appearance and powder coat durability.

TOOLS REQUIRED

- 1/8 inch hex key
- 7/16 inch socket with torque wrench
- Side cutters
- Torque wrench

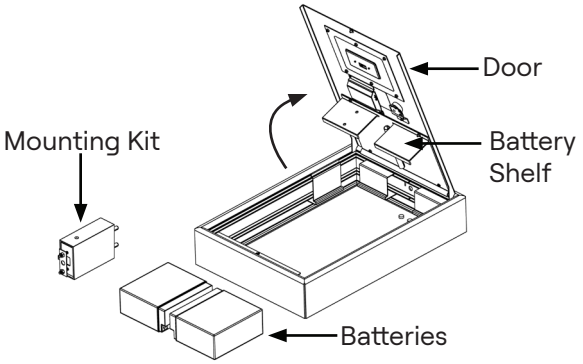
1. UNPACK

Remove light from box using the cardboard handles and place onto cardboard liner with solar module facing down. Use 1/8" hex key to loosen fastener.



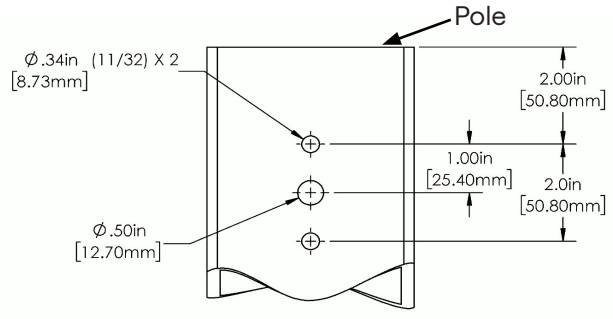
2. OPEN DOOR

Remove packaging material, mounting kit and batteries from the interior of the light. The batteries are attached to the battery shelf with velcro and may need to be pulled lightly. The mounting kit is zip-tied to the battery shelf.



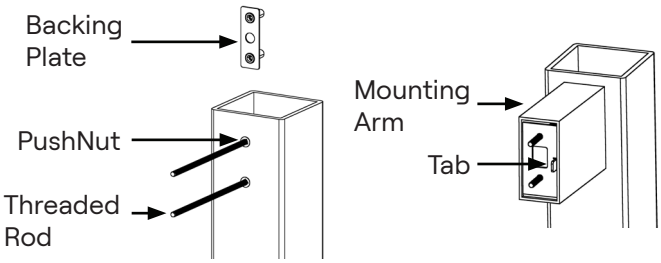
3. DRILL HOLES IN POLE

If pole is not pre-drilled, drill holes in pole as shown. Note: the 0.50 inch hole is for a ground wire and is optional



4. ATTACH MOUNTING ARM TO POLE

Insert the backing plate into the pole and thread the threaded rods fully into the backing plate. Place the mounting arm on the pole sliding the threaded rods through holes. Ensure the tab is on the right side, as shown.



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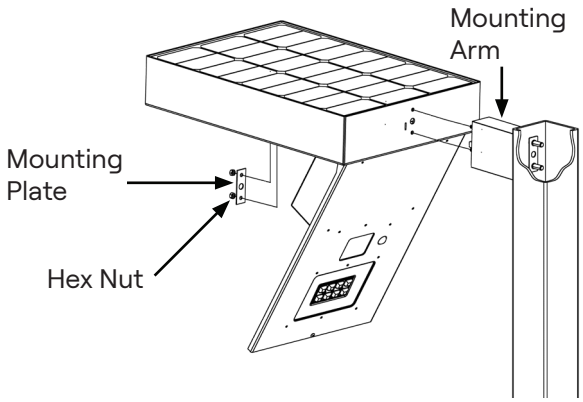
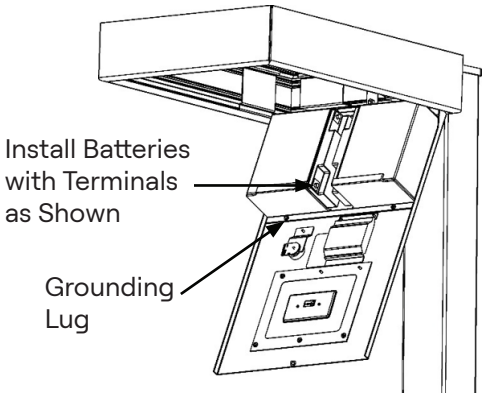
5. INSTALL LIGHT ON ARM

Place light onto mounting arm, install mounting pate and nuts with wrench, torque to 70 in-lbs (8 N-m).



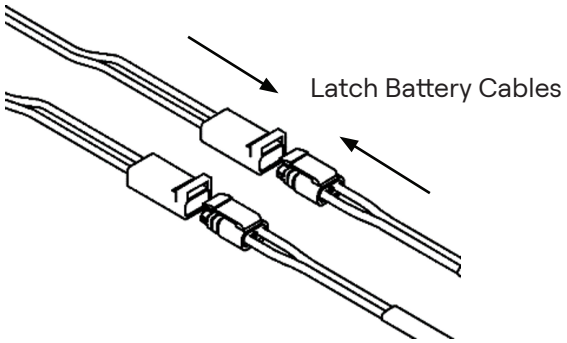
6. INSTALL BATTERIES

Install batteries onto the door as shown. Press to connect the velcro. The text on the batteries should be facing you. For grounding, use the provided stud by removing nut on the grounding lug and installing ground wire.



7. CONNECT BATTERIES

Connect the battery harnesses as shown, ensuring to latch the connectors. After a brief pause, the light will turn on for 20-30 seconds. If this does not happen, follow troubleshooting suggestions.



Troubleshooting:

If light does not turn on when batteries are connected:

- Check the battery harness polarity - red wire must be connected to positive (+) terminal and black wire to negative (-).
- During storage, batteries do slowly discharge but will remain sufficiently charged for at least a year. Our lights' adaptive capability will recharge discharged batteries in most circumstances by simply installing the light in a sunny location. If the light does not illuminate at all when the batteries are connected, then they are likely very low and may need charging. In this case, contact FLT for assistance.

8. CLOSE DOOR

Close door and tighten fastener with hex key.

9. INSTALL COMPLETE

If you require assistance, please call 1 (844) 279-8754.

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