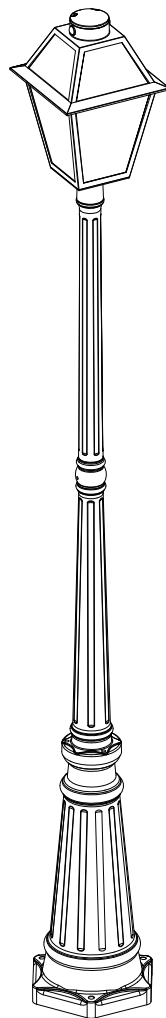




LED SOLAR POST LANTERN

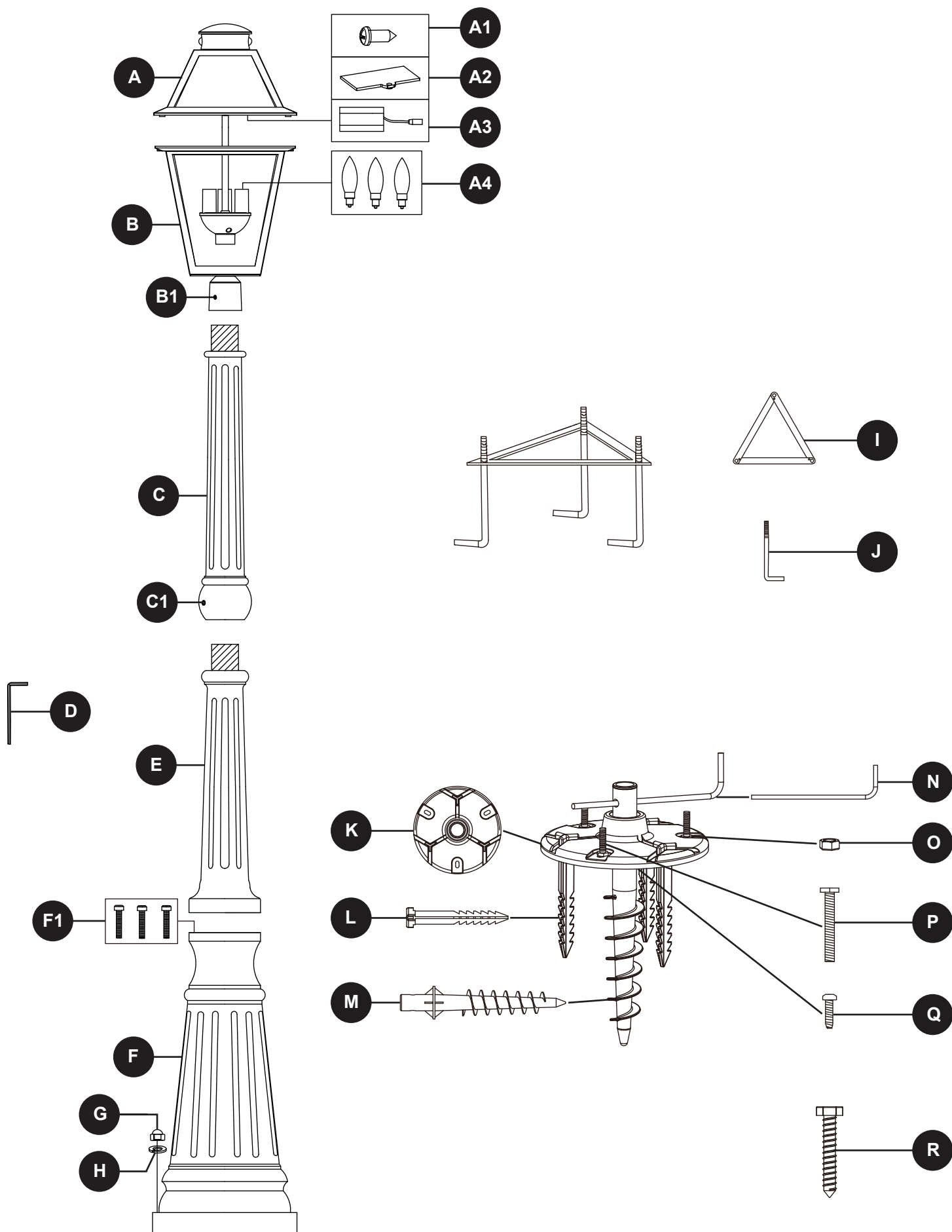
Owners Manual

MODEL #6974005012



**IMPORTANT,
RETAIN FOR FUTURE REFERENCE:
READ CAREFULLY**

PACKAGE CONTENTS



PART	DESCRIPTION	QUANTITY
A	Solar Panel Top	1
A1	Battery Cover Screw	1
A2	Battery Cover	1
A3	Battery-Replacement model # 9700356000	1
A4	Bulb-Replacement Model # 9700357000	3
B	Lamp Head	1
B1	Set Screw 1	1
C	Top Pole	1
C1	Set Screw 2	1
D	1/8 in Allen Wrench	1
E	Middle Pole	1
F	Base	1
F1	Base Screws	3
G	13/32 in Cap Nuts	3
H	13/32 in Washers	3
I	Concrete Mounting Bracket	1
J	Anchor Bolts	3
K	Ground Base Insert	1
L	8 5/16 in Small Ground Stakes	3
M	17 1/2 in Large Ground Stake	1
N	Turn Rod	1
O	13/32 in Nuts	3
P	13/32 x 2 3/16 in Hex Bolts	3
Q	3/16 x 7/8 in Ground Stake Screws	3
R	2 1/2 in Hex-head Self-drilling Screws	3

SPECIFICATIONS:

Model: 6974005012

LED Color: 2700K

Lumens: 400LM

Total power: 6W

Battery: Li-ion

Voltage: 7.4V

Battery Capacity: 2200 mAh

Power Source: Monocrystalline Silicon Solar Panel

Light Duration: Up to 10 hours

Measurements: 9 in x 9 in x 84.37 in



SAFETY INFORMATION

Please read and understand this entire manual before attempting to assemble, operate or install the product.



WARNING:

The solar panel “Post Light” requires sunlight to charge the batteries and should be installed in an area with a minimum of 8 hours of direct sun exposure.

Note: Charging conditions differ by time zone locations and affects total hours of light discharge.
Note: Batteries may have become depleted due to lack of sunlight for an extended period causing the bulbs to not illuminate. Please place the solar head in direct sunlight for at least 6 hours prior to assembly.

PREPARATION

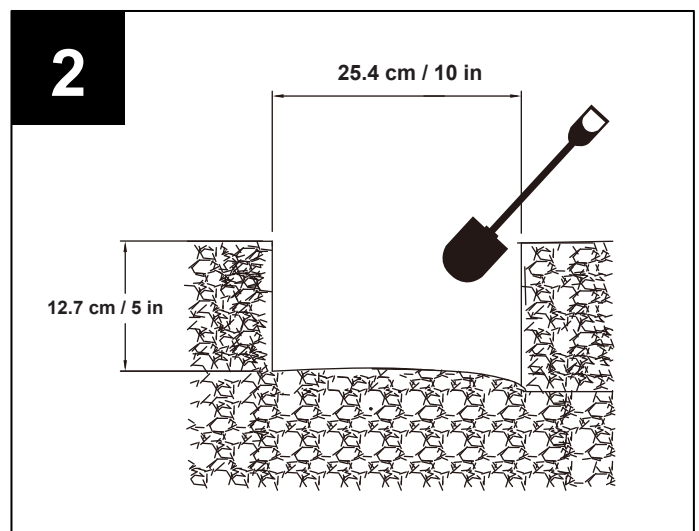
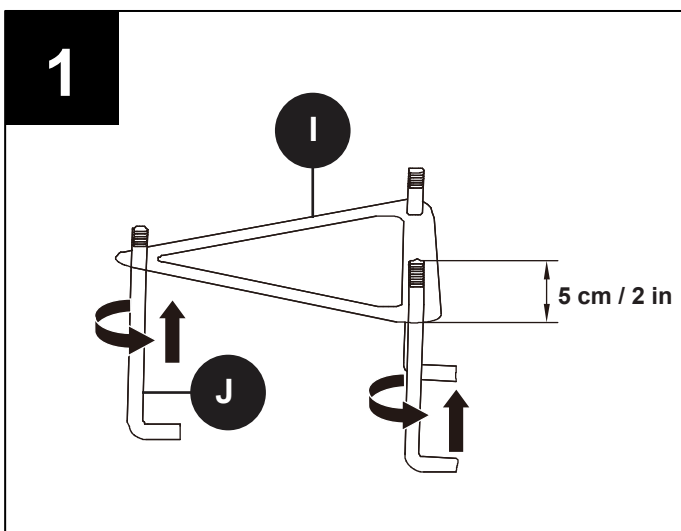
Before beginning to assemble or installing lighting fixture, make sure all parts are present. Compare parts with package contents list and hardware contents list. If any part is missing or damaged, do not attempt to assemble, install or operate the product.

Estimated Assembly Time: 30-60 minutes.

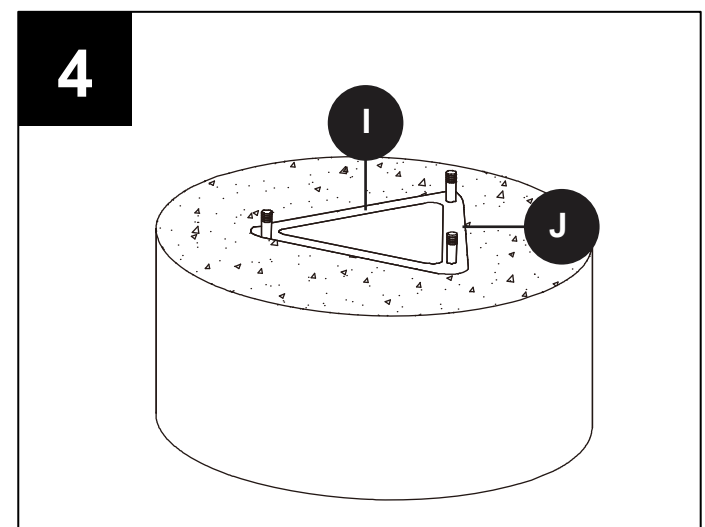
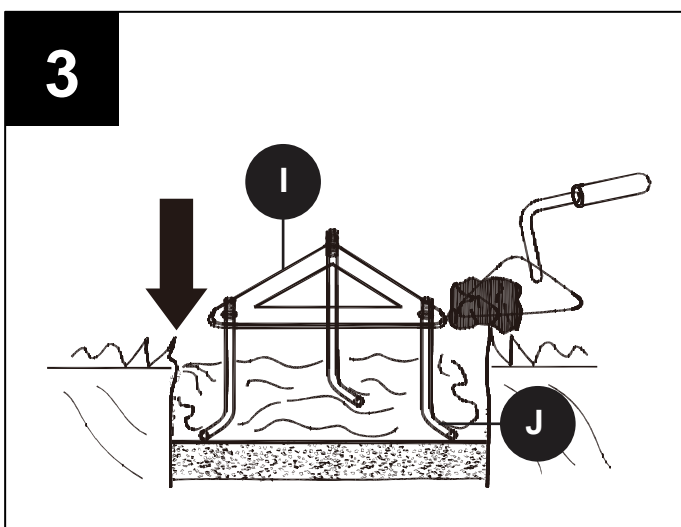
Tools Required for Assembly: Flathead Screwdriver, Phillips Screwdriver, Adjustable Wrench/Pliers 1/2 in Wrench, ladder and hammer.

DETERMINE DESIRED INSTALLATION-PERMANENT CONCRETE PAD OR GROUND STAKE

INSTALLATION: PERMANENT CONCRETE PAD



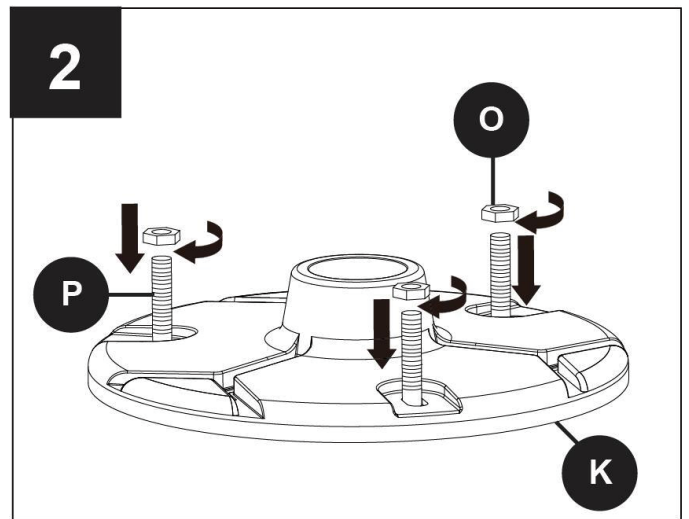
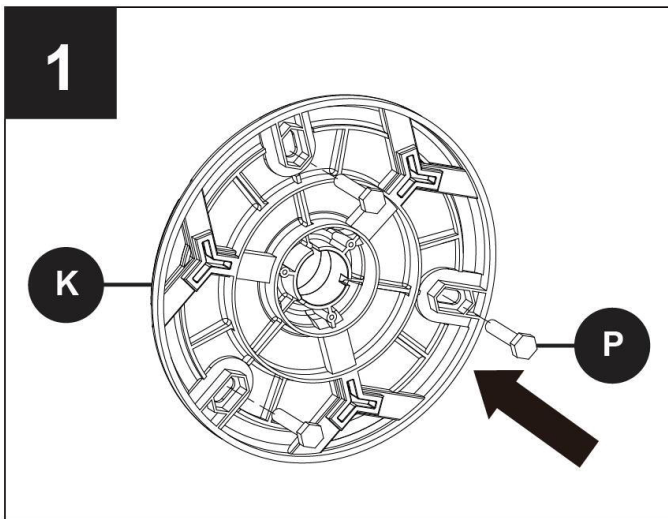
Thread three Anchor Bolts (J) into the Concrete Mounting Bracket (I) allowing for 5 cm (2 in) above the Mounting Bracket. Excavate a hole in the ground that measures at minimum 25.4 cm (10 in) in diameter and has a minimum depth of 12.7 cm (5 in).



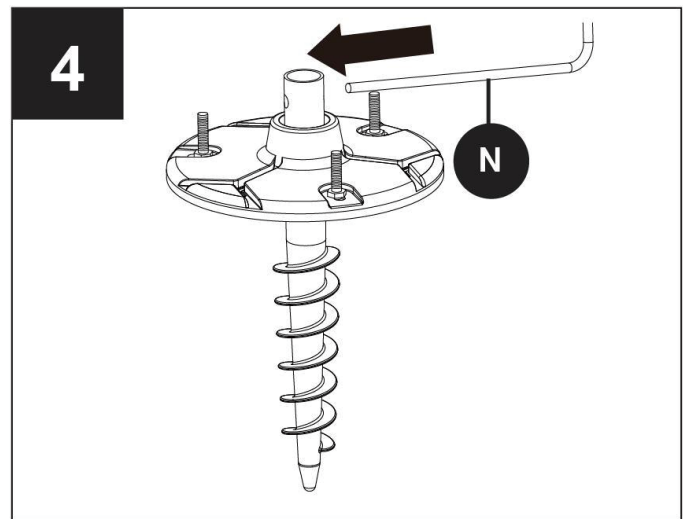
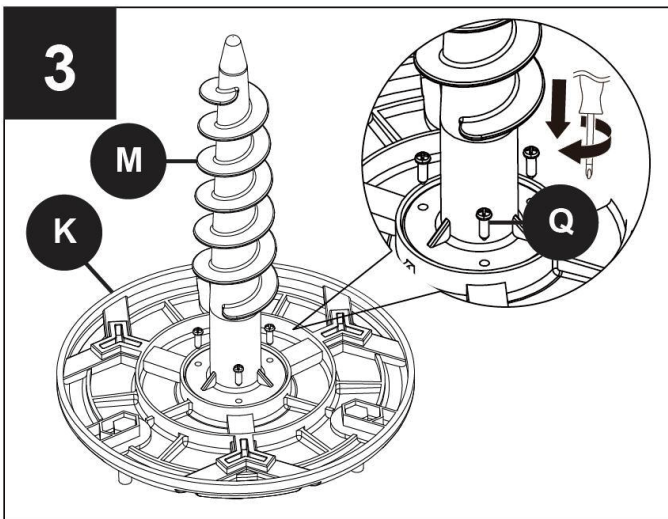
Fill the hole with concrete and insert the Concrete Mounting Bracket (I) and Anchor Bolts (J) before the concrete dries. Allow concrete to dry before installing Pole Assembly.

Note: The concrete and the Concrete Mounting Bracket (I) should be at GROUND LEVEL, with the Anchor Bolts (J) 2 inches above the ground.

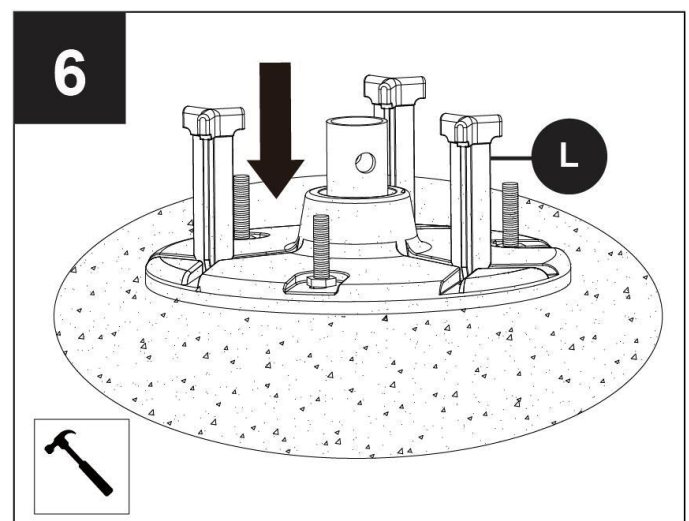
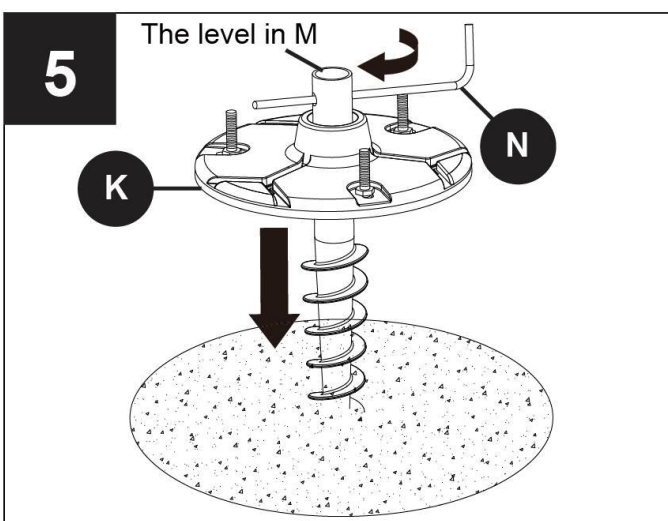
INSTALLATION: GROUND STAKE



Install three Hex Bolt (P) into Ground Base Insert (K), and tighten with Nut (O).



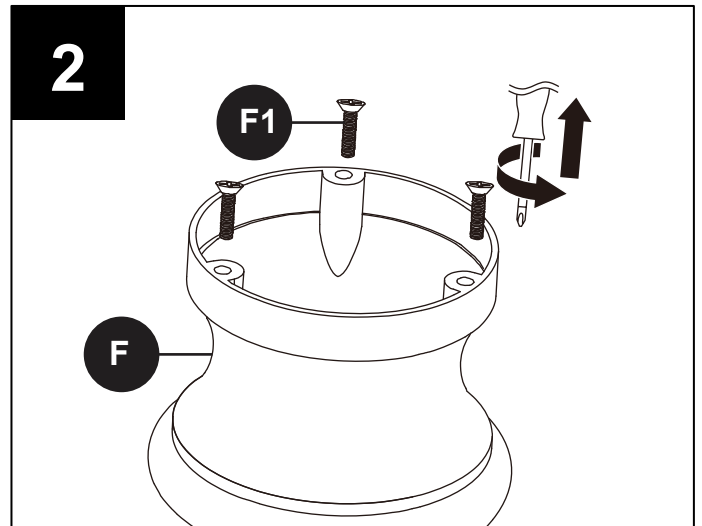
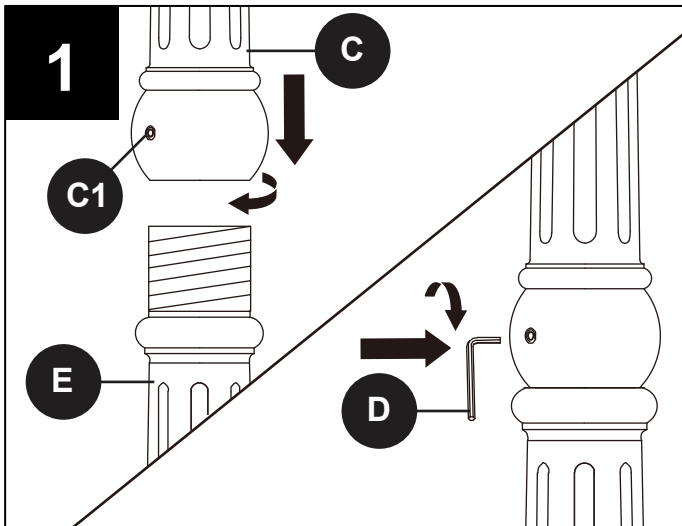
Attach the Large Ground Stake (M) to the Ground Base Insert (K) by screwing three Ground Stake Screws (Q) tight with Phillips screwdriver. Then insert Turn Rod (N).



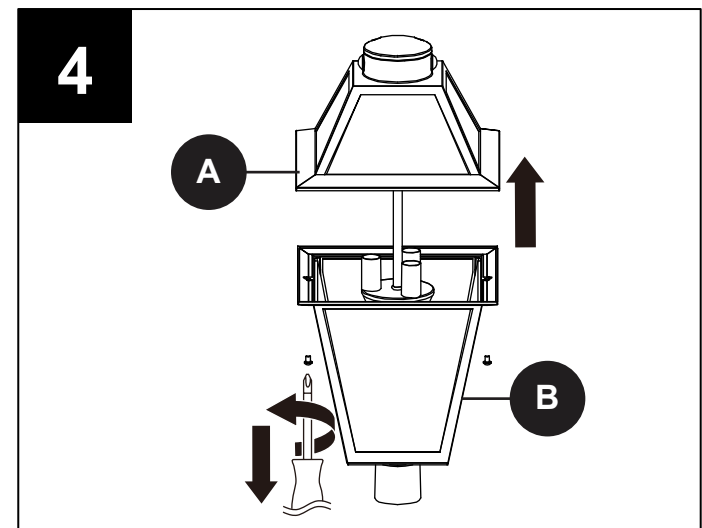
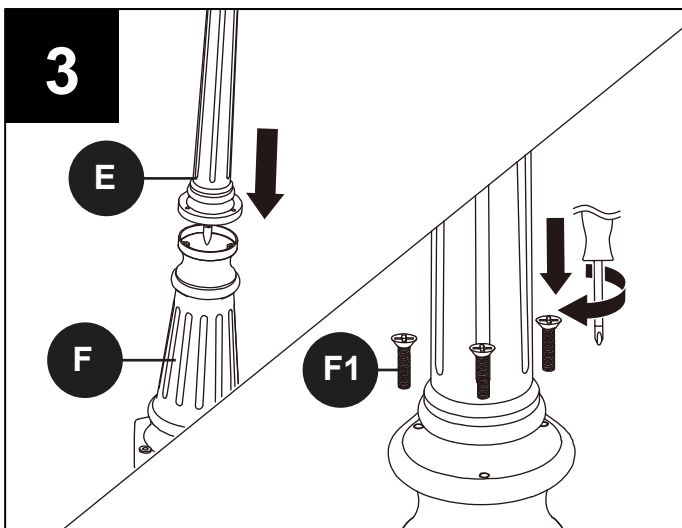
Turn ground stake assembly clockwise by using Turn Rod (N) into the dirt until Ground Base Insert (K) is tight against the dirt. Insert and pound the three smaller Ground Stakes (L) into the dirt with a hammer (not included).

Note: Make sure the bubble in the level found at the top of the Ground Stake (M) is centered and level so the Post Assembly is in a perfect vertical position.

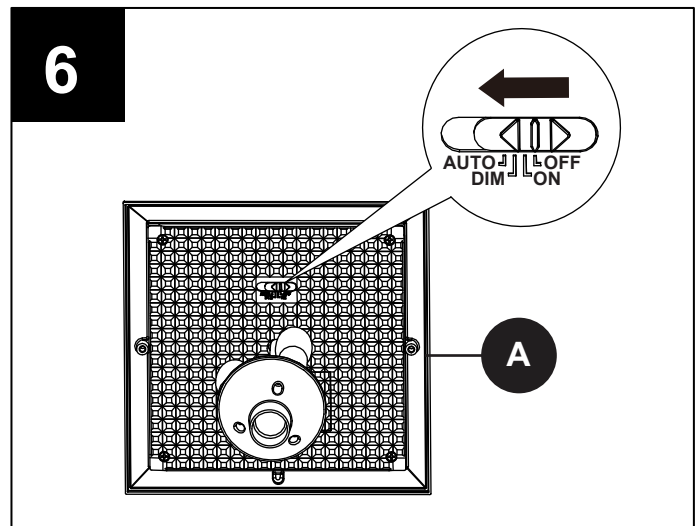
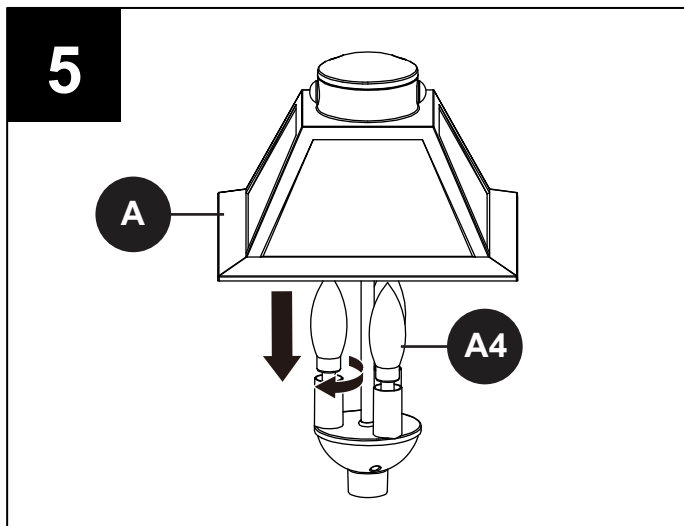
ASSEMBLY INSTRUCTIONS



Remove the preassembled Set Screw (C1) from Top Pole (C) and screw Top Pole (C) clockwise onto Middle Pole (E). Re-insert Set Screw (C1), then tighten with Allen Wrench (D). Remove the preassembled 3 Base Screws (F1) from Base (F) with a Phillips screwdriver (not included). Save for later use.

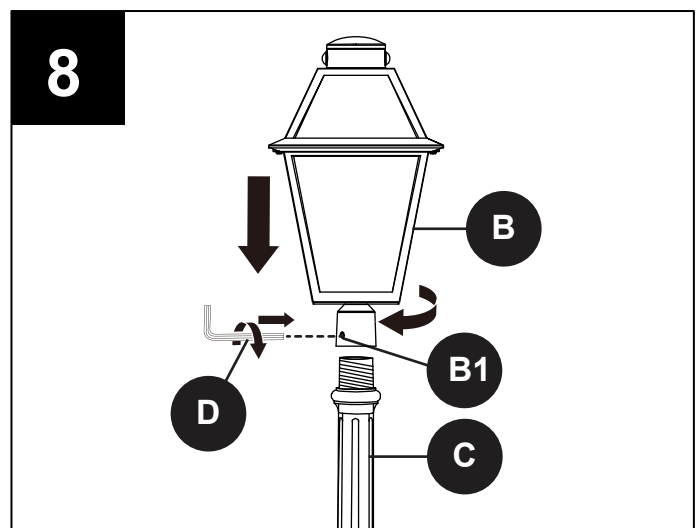
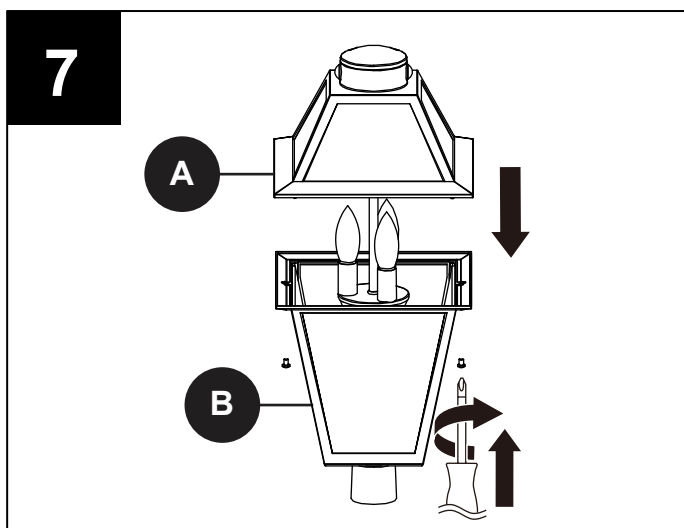


Secure Middle Pole (E) to Base (F) with Base Screws (F1) that were removed in the previous step. Tighten with a Phillips screwdriver. Remove the screws preassembled in Lamp Head (B) by a Phillips screwdriver (not included), then detach Solar Panel Top (A) from Lamp Head (B).



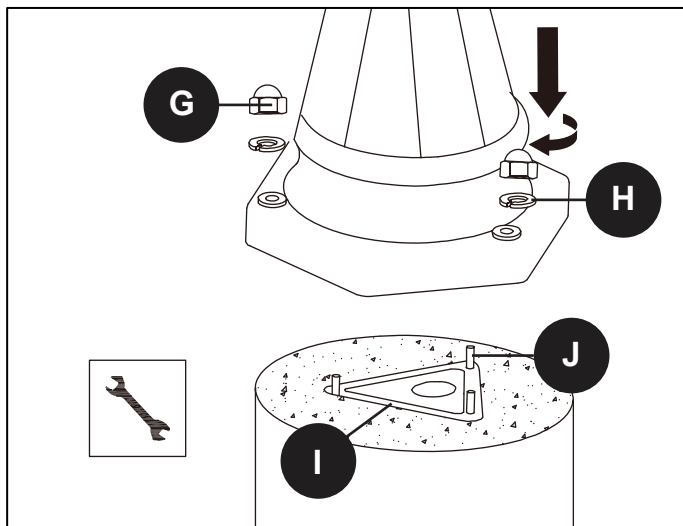
Install the three Solar LED Bulbs (A4). Turn the switch in Solar Panel Top (A) to the mode you want.

⚠ Warning: LED lights will not automatically turn on unless the battery has been charged and it is dark outside. You can test the lights by placing the empty box upside down over the Post Light Head. Once dark, the LED lights should turn on in several seconds.



Attach Solar Panel Top (A) to Lamp Head (B) with the previously removed two screws. Tighten with a Phillips screwdriver (not included). Carefully screw Lamp Head (B) onto Top Pole (C), securing with the preassembled Set Screw (B1). Tighten with Allen Wrench (D).

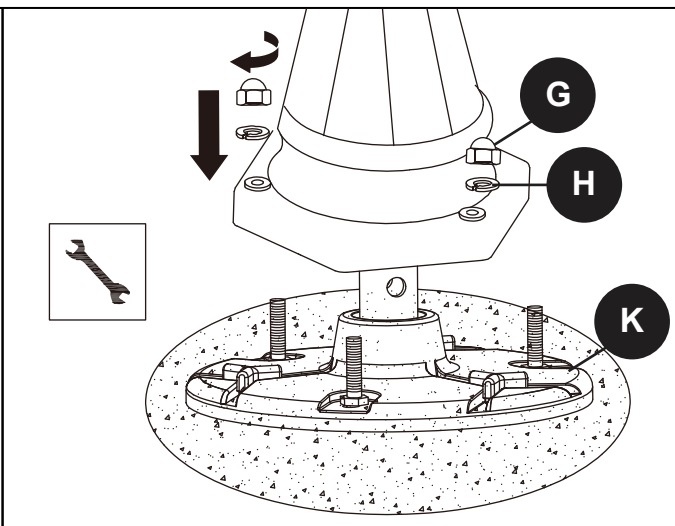
Installation: Concrete Pad



With the help of another person, place the pole assembly over Concrete Mounting Bracket (I) and Anchor Bolt (J). Secure with Cap Nut (G) and Washer (H). Tighten with a 1/2 inch wrench (not included).

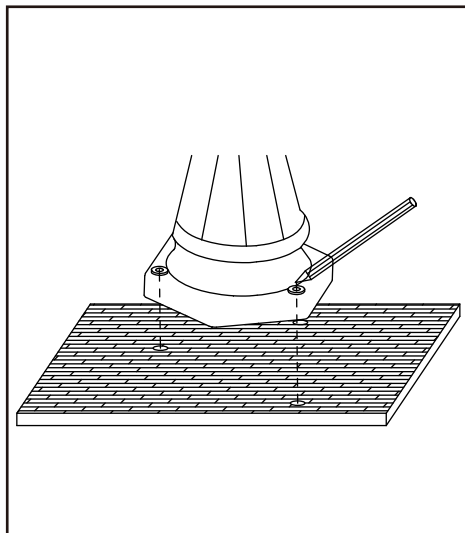
CAUTION: Allow the concrete to dry before installing the pole assembly.

Installation: Ground Stake

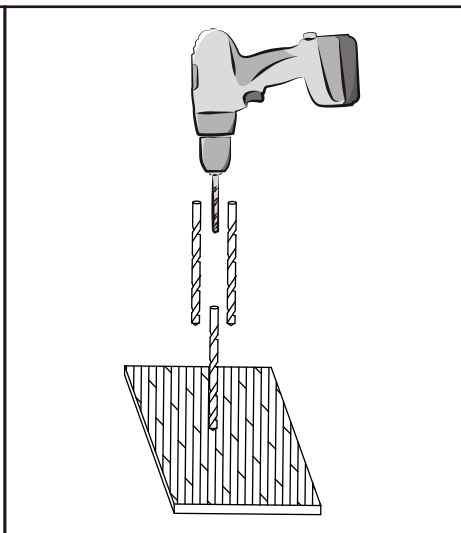


With the help of another person, place the pole assembly over Ground Base Insert (K). Secure with Cap Nut (G) and Washer (H). Tighten with a 1/2 inch wrench (not included).

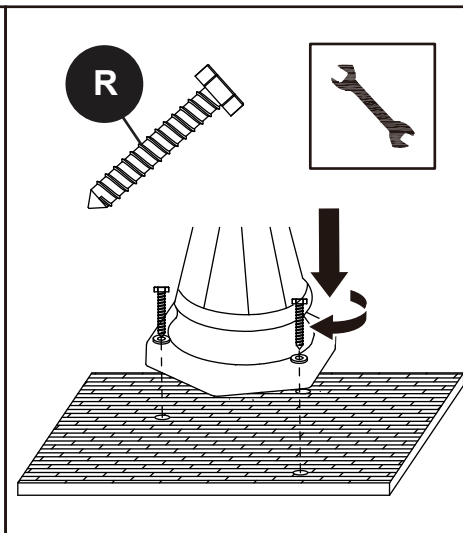
Installation: Wood Deck



Mark 3 points on the deck by using the fixture base holes.
CAUTION: The thickness of the deck must be greater than 10mm or about 1/2" thick.

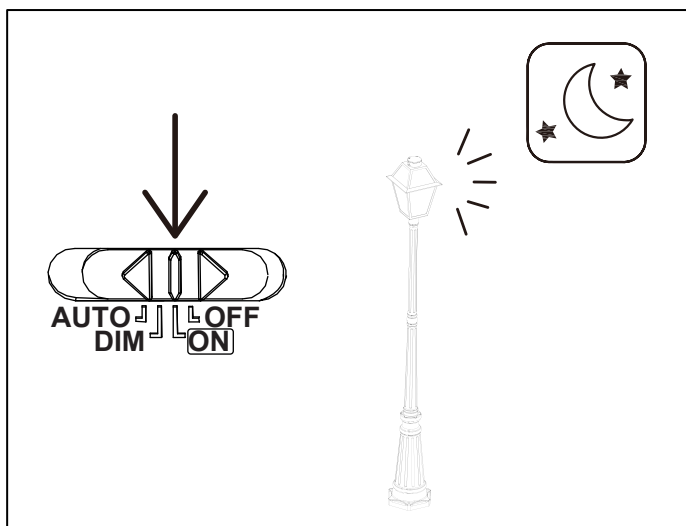


Drill with a suitable drill bit.

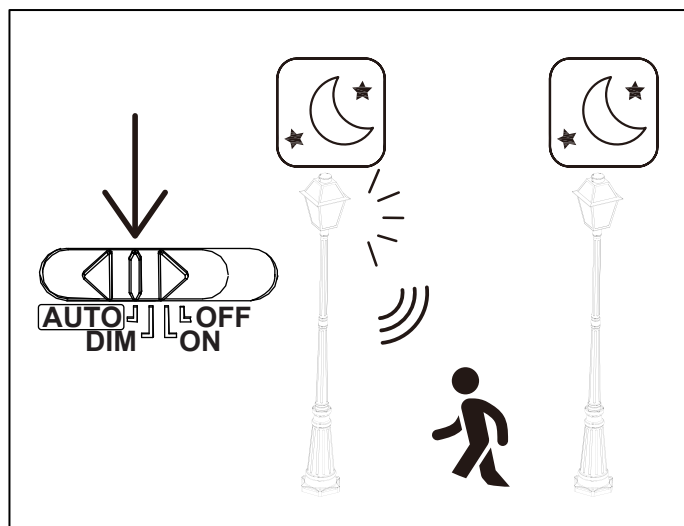


Secure the pole base assembly to the deck by tightening 3 hex-head self-drilling screws (R).

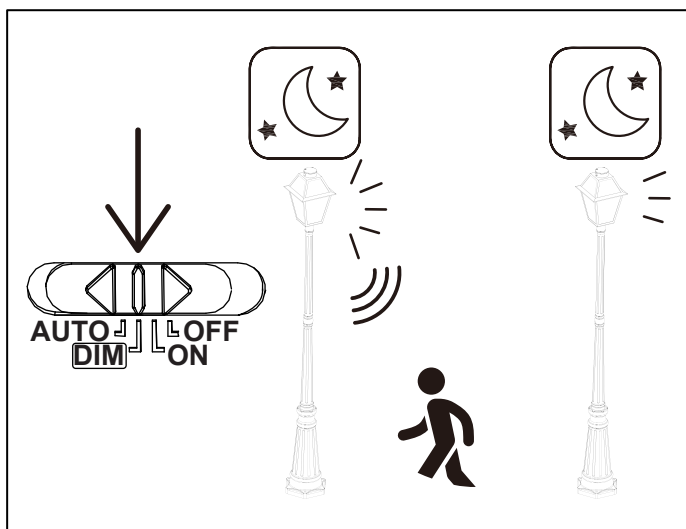
OPERATING INSTRUCTIONS



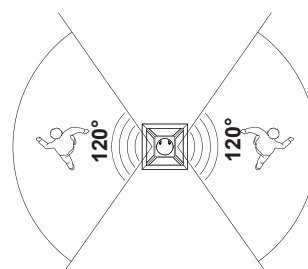
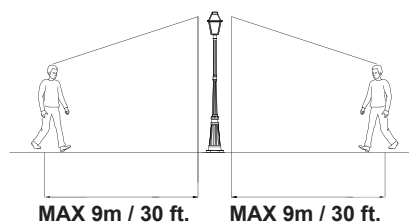
ON mode: The light will stay on for about 10 hours.



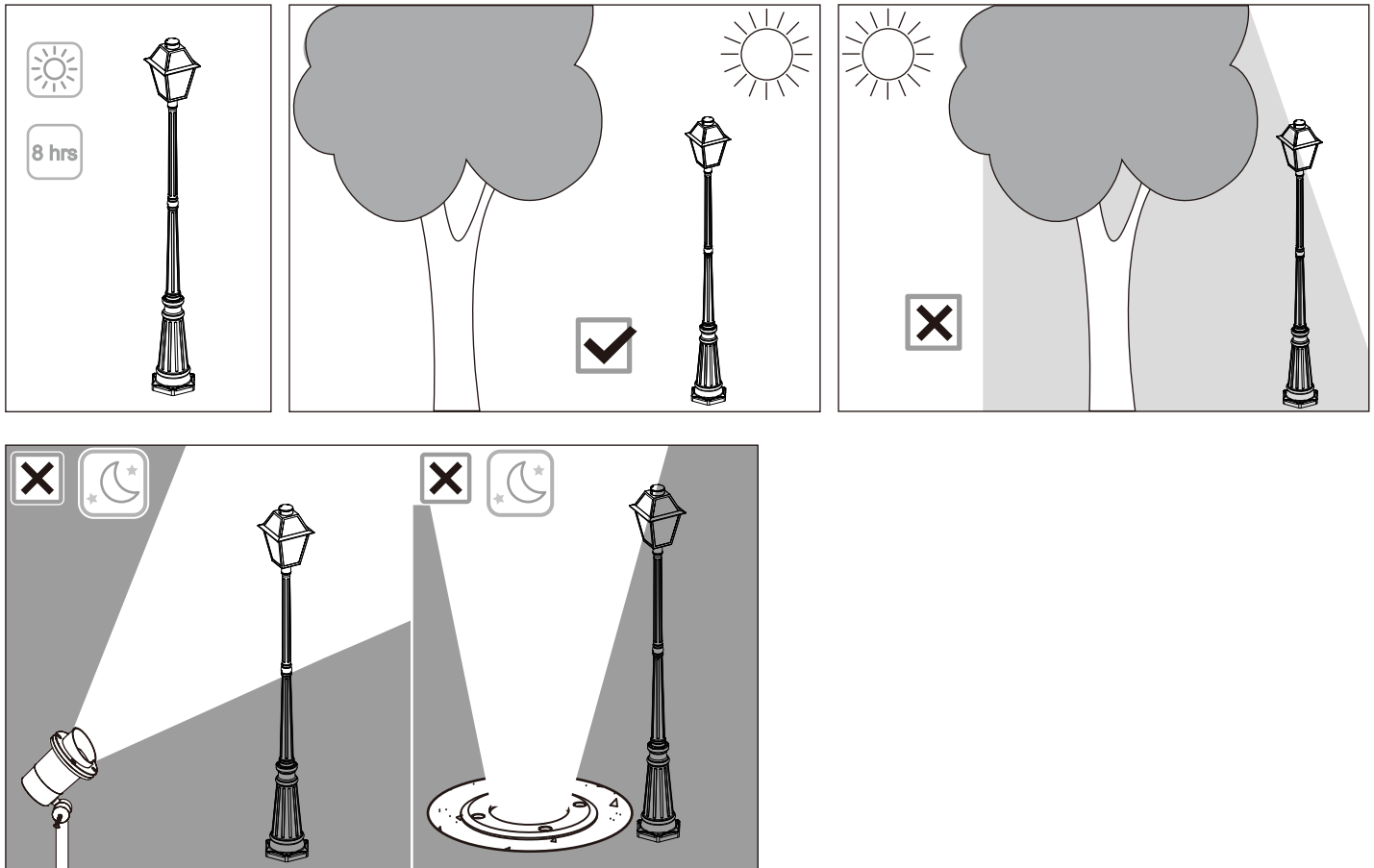
AUTO mode: When the light detects any movement, it will stay on for 60 seconds, and the light will turn off after the person leaves.



DIM mode: When the light detects any movement, it will stay on for 60 seconds, and the light will turn to low brightness after the person leaves.



MAXIMIZING SOLAR LIGHT POST PERFORMANCE



Charging: Charge in direct sunlight for 8-10 hours.

Location: Choose location with minimum 6-8 hours sunlight. When choosing a spot for your solar light, ensure that the device is not placed near nighttime light sources such as porch lighting, landscape lighting or street lighting.

Dusk To Dawn: The light will not activate during daylight hours. At sundown the light will go on automatically and last approximately 6-8 hours

Cleaning solar panels: It is important that dirt and debris is kept off of the solar panel to the greatest extent possible. A dirty solar panel will not fully charge the battery and thus shorten the battery life.

Battery replacement: Generally speaking, the rechargeable battery should be replaced every two years in order to maintain the maximum capacity. Please refer to the specs for max charge cycles.

Note: Run times and lighting performance will vary depending upon sunlight and weather conditions.

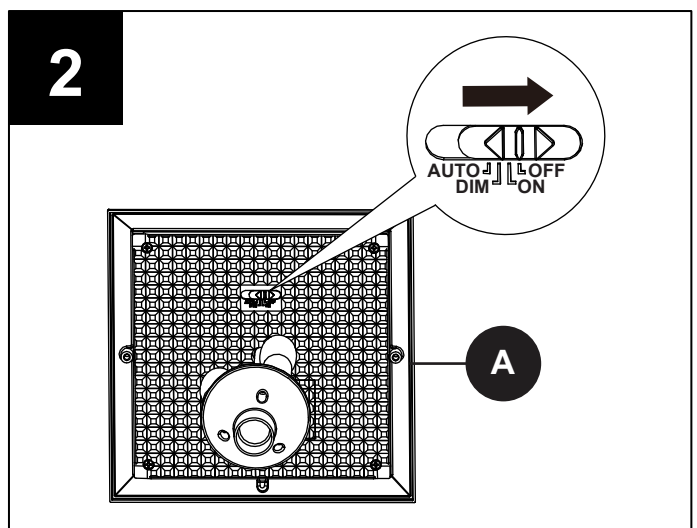
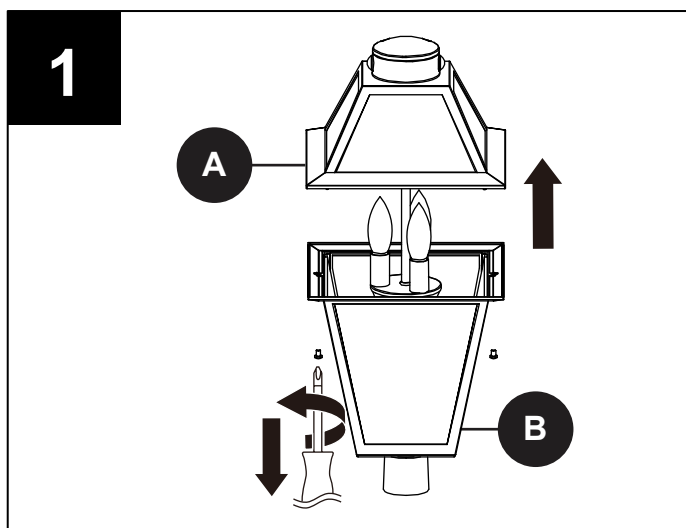
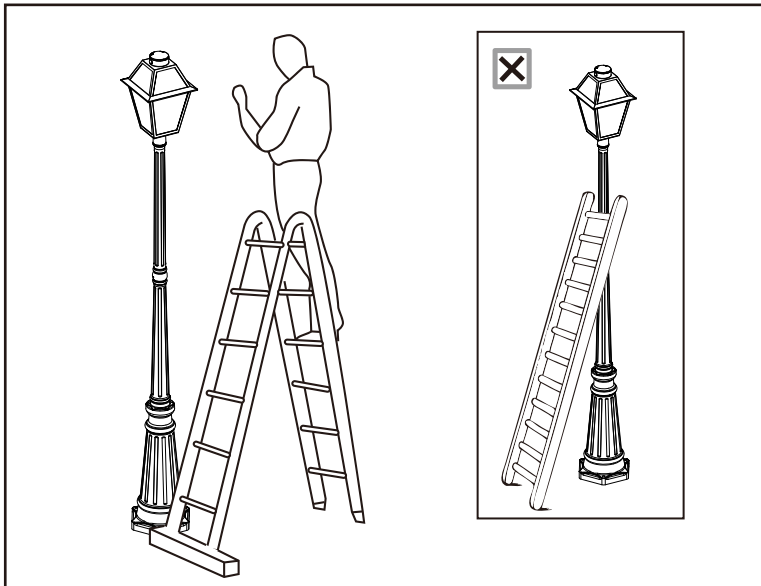
CAUTIONS: BATTERY INSTRUCTIONS

- Always purchase the correct size and grade of battery by ordering the replacement battery part number found in the Parts Description page.
- Ensure the batteries are installed correctly.
- Remove batteries from equipment which is not to be used for an extended period of time.

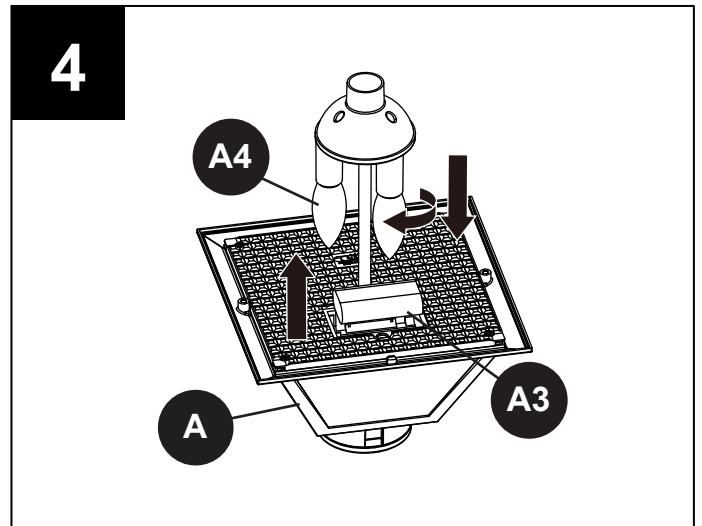
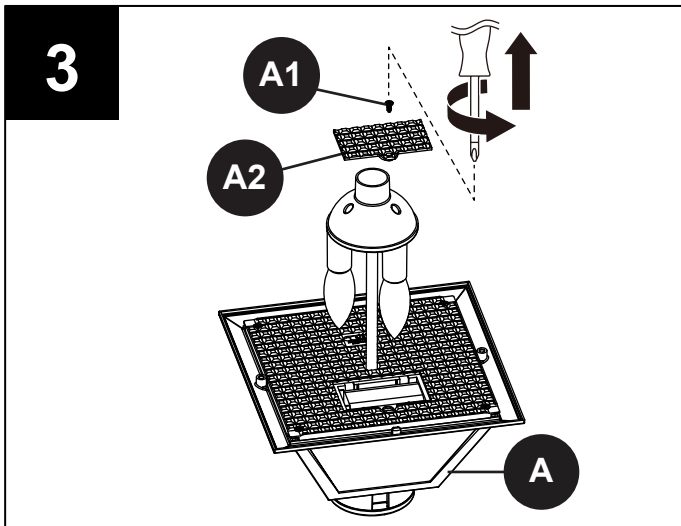
For recycling and disposal of batteries to protect the environment, please check the internet or your local phone directory for local recycling centers and / or follow local government regulations.

BATTERY/BULB REPLACEMENT

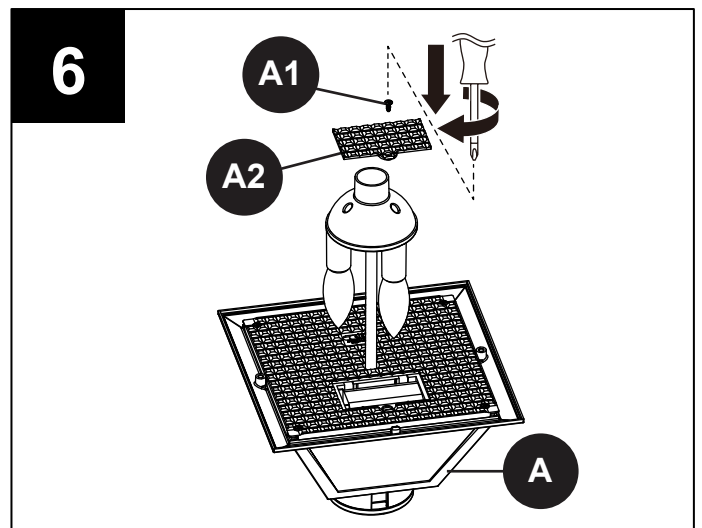
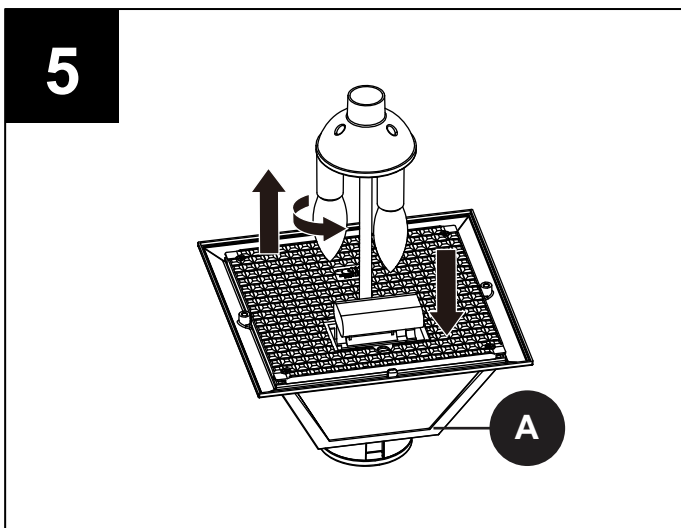
⚠ Warning: The supplied LED bulbs have been specially developed for use with the solar post light model 6974005012 and must be replaced with model 9700357000. The use of any other type bulbs will not function in the fixture.



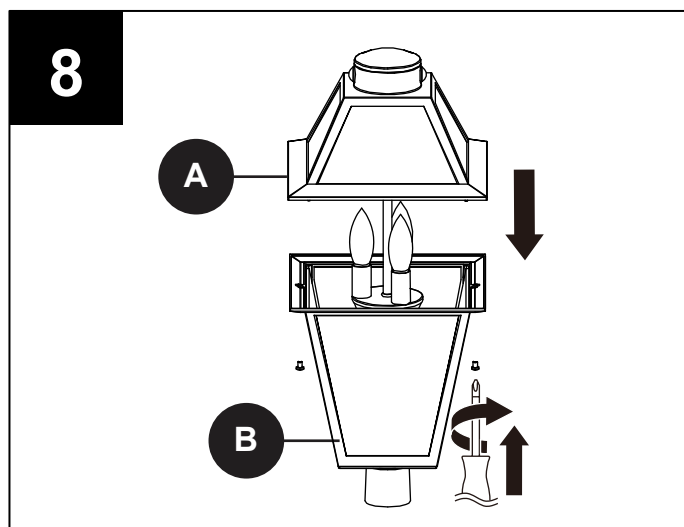
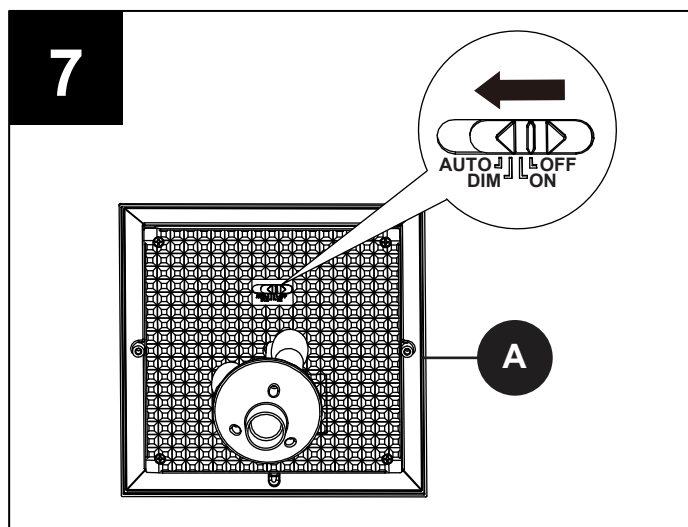
Remove screws in Solar Panel Top (A), then detach Solar Panel Top (A) from Lamp Head (B). Turn off the switch in Solar Panel Top (A).



Remove the preassembled Battery Cover Screw (A1) from the Battery Cover (A2) with a Phillips screwdriver (not included). Then remove the Battery Cover (A2). Remove the old Battery (A3) and unplug the black battery cord. If an LED bulb is broken, remove the broken Solar LED Bulb (A4) and replace.



Plug new black battery cable into light fixture. Insert new battery into battery compartment by carefully placing battery cable into the cable storage area under battery. Install new LUTEC LED bulb. Attach the Battery Cover (A2) to Solar Panel Top (A) with Battery Cover Screw (A1) removed in step 3. Tighten with a Phillips screwdriver (not included).



Turn ON the switch in Solar Panel Top (A). Attach Solar Panel Top (A) to Lamp Head (B) with the two screws removed in step 1. Tighten with a Phillips screwdriver (not included).

CARE AND MAINTENANCE

To clean, wipe with a damp, non-abrasive cloth.

TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	CORRECTIVE ACTION
The light will not go on.	1. Switch OFF 2. The battery is completely discharged. 3. DUSK TO DAWN activated. 4. The bulb is loose. 5. Interference from other light source. 6. The battery is not charged 7. The sensor doesn't detect any movement.	1. Set to ON 2. Charge for 6-8 hours in direct sunlight. 3. Check at night. 4. Re-tighten the bulb. 5. Relocate the solar post light. 6. Make sure the solar panel is in direct sunlight. 7. Walk into the sensor detection area.
The fixture shakes in high winds.	1. The mounting bracket could be loose. 2. The insert may be loose. 3. The screws and cap nuts may be secured incorrectly.	1. Make sure the mounting bracket screws are tightened. 2. Make sure the insert is assembled completely and tightly. 3. Make sure the screws and cap nuts were secured tightly.
The lights come on during the daylight.	1. The light may be installed in a dark location.	1. Relocate to sunny location.

3-YEAR LIMITED WARRANTY

If this product fails due to a defect in materials or workmanship within three (3) years (Battery and bulbs excluded) from the date of purchase, return it along with proof of date of purchase and it will be replaced with the same or comparable model free of charge by LUTEC USA LLC..

This warranty is void if damage or defect has resulted from accident, abuse, misuse or faulty repair. This warranty gives you specific legal rights and you may have other rights that vary from state to state.

LUTEC USA LLC:
149B Houston Rd Troutman NC 28166
Ningbo UTEC Electric Co.,LTD
CN8, Far East Industry Park, Yuyao, China
www.lutec.com
support@lutec.com

**Please call our Customer Service line at 877-714-8669
for assistance Monday - Friday 9 a.m. to 5 p.m. EST**

Printed in China