

Congratulations on purchasing your
Solar Light Bollard

SBL



SBL2



IMPORTANT BEFORE YOU INSTALL

Every project must have an initial geographical location and shade assessment completed by a Solar Bollard Lighting® authorized distributor, importer, sales agent who has been trained according to validated Solar Bollard Lighting® protocols.

This assessment applies the 'Power In = Power Out' equation, based on a sunlight profile during the winter solstice, the day of least sun in the specific geographical location.

The highest-powered Solar Bollard Light/s for your location is specified to be installed based on winter solstice month's sun trajectory/angle.

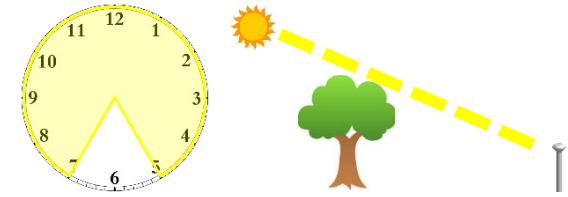
Note: Battery is pre-connected.

At Installation Site: If shading from trees or other structures are found at the site of installation not discussed prior to delivery of your Solar Light Bollard/s, **please immediately contact your supplier prior to commencing the installation** as lower power model/s maybe required to ensure dusk until dawn operation at full power and as specified in our Warranty T&C's.

Ensure your Solar Light Bollard power model ordered allows for possible future shading issues such as trees growing and/or new buildings being possibly erected near the installation site.

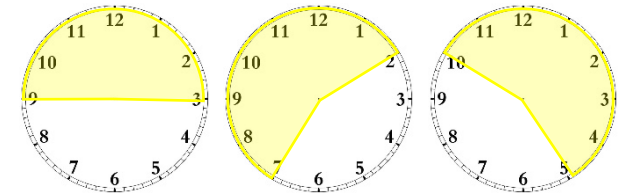
AN INCORRECT POWER MODEL SELECTION IS NOT WARRANTABLE

FULL WINTER SUN (Lowest Sun Trajectory)



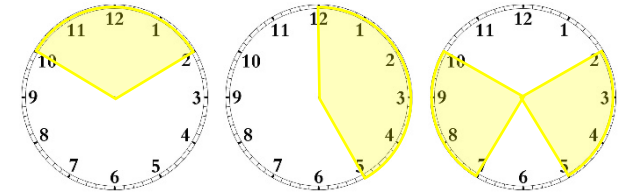
SHADING EXAMPLES

Partly in Shade or Snow-Covered Region in Full WINTER Sun



Drop down at least one (1) power level

Mostly in Shade



Drop down two to three (2-3) power levels

Please ensure your installation location matches to the above power model examples for your various installation locations and shading requirements.

BASE PLATE MOUNT INSTALLATION

BEFORE YOU INSTALL: (NOT INCLUDED IN KIT)

3 x M12 (1/2") Threaded Rod or Hold Down Anchor Bolts or L-Bolts, Washers, and Nut/s. We recommend using security fasteners to prevent theft and/or concrete over the base plate to hide the securing nuts.

STEP 1 - INSTALL OPTION 1: NEW CONCRETE BLOCK / PAD

1. Ensure the concrete block or pad size is big enough to ensure the light, pole and concrete cannot be lifted out as one complete unit.
2. Dig a hole 350mm x 350mm x 400mm – 104kg once concrete added.
3. If possible, try and taper out towards the bottom so the base section of concrete is larger than the top section as per this image

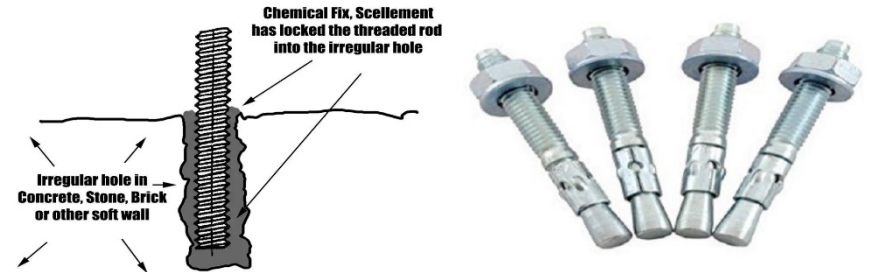


4. Fill hole with concrete and add in Hold Down Anchor Bolts or L-Bolts at the matching positions as per the 3-hole centre points as shown on the next page to suit the base plate slotted mounting holes.
5. Once the concrete has dried and cured place the base plate over the bolts and use spirit level while tensioning to ensure pole is set level.

STEP 1 - INSTALL OPTION 2: IF CONCRETE ALREADY EXISTS

1. Check surface is flat or configure a solution to ensure the solar bollard is perfectly vertical once installed
2. Mark out the 3-hole centre points as shown on the next page to suit the base plate.

3. Drill or core 3 holes to take an M12 (1/2") threaded bar/rod or another securing device.
4. When installing the M12 (1/2") threaded bar/rod or other securing device, ensure **35mm (1.4") – 40mm (1.6") maximum** thread bar/rod protrudes above ground level where the base plate will be positioned.

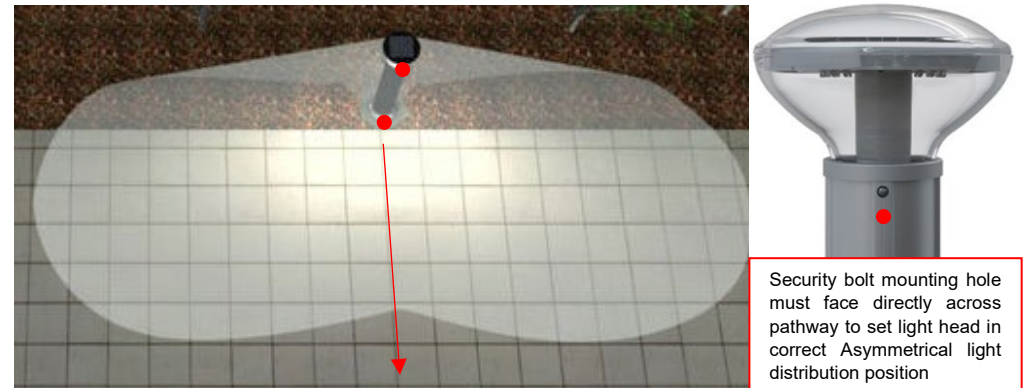


NOTE: IF USING "OPTIONAL" BASE PLATE COVER, PUSH INTO PLACE ONCE SECURING NUTS ON BASE PLATE HAVE BEEN TIGHTENED.

RETURN TO PREVIOUS PAGE STEP 3: Light Head Attachment Instructions

ASYMMETRICAL LIGHT ADDITIONAL INSTALLATION INFORMATION

This image shows the correct direction the pole must be facing for even asymmetrical light distributions when light head is attached correctly with the **RED ●** both being aligned on the same side. Remove **RED ●** once installed.



Ensure you have removed all RED ● stickers once installed.

BASE PLATE MOUNT SCHEMATIC

