

# SolaRight Wireless Pathway & Paver Light

## Installation Instructions



**Models:**

**GF**

**GF8**

**NST1**



**Models:**

**NST44**

**NST48**



**Model:**

**NST88**



## **Installation Instructions for Wireless Pathway & Paver Lights**

### **For Proper Operation**

SolaRight Wireless Lighting's pathway and paver lights are self-contained lighting devices using solar energy which is converted into electricity through solar cells and stored in a pseudocapacitor serving as the energy storage device in the daytime, turning the LED lights on in the nighttime automatically.

A full charge requires a minimum of 3 hours of direct sunlight or 6-8 hours on an overcast day. The lights will illuminate (discharge) up to 16 hours when the unit is fully charged.

While SolaRight products represent a huge advantage in solar technology, reliability and performance, the products still require consideration of sunshine availability for successful installations. In the case of questionable sun exposure, it is required to check the operation status of the light(s) by temporarily placing them in the area of installation without proceeding further with installation and follow these steps:

1. Place the light(s) on the intended site in the intended direction to be installed.
2. Check the operation status of the light(s) to determine if they turn on during the evening hours after a full charge.
3. If the light performs as intended, proceed with the installation process. If not, determine if there is a more suitable location allowing additional access to the sky.

### **Temperature**

The pathway and paver lights are resistant to varying weather conditions and operate within a temperature range from -40°F to 158°F. If installed in an area that experiences temperatures outside of this range, it may adversely affect the life of the product.

### **Chemicals**

The pathway and paver lights are designed to withstand normal wear and tear. The product will withstand water and salt, however, some chemicals such as solvents and acids can damage the unit housing (304 Stainless Steel) and the lens (polycarbonate).

**Installation**

1. Select the location for the light and ensure the surface is flat.
2. For square/rectangle solar tiles, use tape to mark the edge lines where the light(s) are to be installed. For circular pathway lights, mark the center point to start the core drilling process.



3. Using the proper saw or core drill bit (see cut sizes below by model), cut/drill the area of installation. There will be 1/4" of clearance surrounding the light(s). The lip of the stainless steel case will cover the gap when installed.

<b>Cavity Size by Model</b>	
GF	2-1/4" Diameter x 1-1/4" Depth
GF8	3-1/4" Diameter x 2-1/4" Depth
NST1	4-1/4" Diameter x 2-1/2" Depth
NST44	4-1/4" Wide x 4-1/4" Length x 2-3/4" Depth
NST48	4-1/4" Wide x 8-1/4" Length x 2-3/4" Depth
NST88	8-1/4" Wide x 8-1/4" Length x 2-3/4" Depth



4. If necessary, use a hammer drill or chisel to clean the area completely to ensure the light(s) are installed flat.



5. Prepare the hole so that it is free of debris, dust and moisture.
6. Removable Installation – (common in residential applications) it is recommended to simply put a bead of silicone around the underside of the stainless steel case and insert into the cavity
7. Permanent Installation – (common in commercial applications) it is recommended you put an ample amount of epoxy in the cavity first, then insert the light into the cavity allowing the epoxy to rise around the sides of the light as shown below.



8. Place the light into the cavity and press firmly until silicone or epoxy secures it in place. It is recommended to place a weight of some type on the light while the silicone/epoxy cures.
9. Ensure sides have ample silicone/epoxy to prevent water/ice build-up around the light.



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10. Wipe away excess materials using silicone or epoxy manufacture's recommendations.

11. Installation Complete

**SolaRight Lighting**

5600 North May Ave, Suite 100

Oklahoma City, OK 73112

P: 405.673.8684

E: [info@solaright.us](mailto:info@solaright.us)