



# Solar Pod Light™ (SPL-65)

By Solar LED Innovations. LLC

*Unique solar powered lighting for portable restrooms*



## Installation Instructions For Portable Restrooms

The Solar Pod Light™ (SPL-65) provides 65 lumens of light and is easy to install and use. The SPL-65 is designed for roofs up to ¼" thick. (Other models available for thicker roofs.)

**LOCATE** a central position on the roof that is free from ridges or seams. (Requires 5 inches of clear space.)

**DRILL** hole. **USE ONLY 3 5/8" (92mm) hole saw** to obtain a weatherproof seal. (Can be drilled from either direction.)

**REMOVE** the ring/locknut & dome from the bottom of the SPL, keeping the black rubber weatherproof gasket in place close to the top of the SPL.



**SCREW** the SPL body in from the top of the roof keeping the gasket on top of the roof and under the rim of the SPL.

**TIGHTEN FIRMLY**, so that the roof complies with the underside of the solar panel making it weatherproof. From inside, tighten the ring/locknut to double lock the SPL.

**SNAP** the frosted dome in place.

Easy on, easy off, align the ridges of the dome and the lock nut.

**Semi-permanent, offset the ridges on dome MIDWAY BETWEEN those on ring locknut & push firmly to snap on.**

Permanent, add a drop of glue between the dome & ring locknut (can easily be unscrewed to access the switch).

## Operating Instructions

Place porta potty unit in the sun, the SPL-65 charges automatically.

Simple to use 3 function slide switch "**On/Off/Auto**": Use **On** for indoor use or under street light at night. Use **Auto** for light to automatically go on at night and off during the day (normal use).

Replace the Dome to cover the switch and to provide a diffused and pleasant light.

If a unit is stored indoors, turn the switch to **OFF** to save draining the battery.



ON OFF AUTO

## Specifications

The SPL-65 is designed to provide 24-30 hours of continuous light on a full days charge. It can also provide multiple nights of light in days with minimal sunshine.

**Solar Panel:** A 4 inch round high efficiency panel (+17%), produces 1W of power at 6 volts. Life expectancy is many years; it is weatherproof and impact resistant.

**Housing:** We designed a unique tough housing that integrates the solar panel, batteries and LED's into a single unit that mounts directly thru the roof in a weatherproof unit. Made from heat resistant ABS molded plastic (-20°F to 176°F).

**Batteries:** High performance 4x2600mAh AA Ni-MH rechargeable batteries, that do not have memory limitations. Rechargeable batteries have a useful life of up to 1,000 cycles but should be replaced every year.

**Lights:** 4 super bright LED's provide 65 Lumens of shadow free lighting. LED's have a long life of 20,000 hours.

**Dome Diffuser's** are available in Frosted Natural plastic or Red to minimize the impact on night vision.

## Maintenance

**Dome cover must be installed when power washing porta potty.** Do not spray water directly on the bottom of the SPL, if the unit gets wet, remove battery cover (four screws) and clean and dry batteries. **Use HEADLIGHT RESTORE OR rubbing alcohol to clean solar panel once every 6 months** and wipe out any material that may accumulate in the battery box. Use pressurized DRY air to blow out On/Off/Auto slide switch, allow to dry. Replace batteries EVERY year. The SPL-65 may be removed from porta potty for winter storage.

A one year full replacement Warranty and Terms and Conditions of Sale Apply (see website or back of Invoice).