

## IMPORTANT INFORMATION

Solarspot (seller) assumes no responsibility or obligation whatsoever for the failure of an architect, contractor, installer, or building owner to comply with all applicable laws, ordinances, building codes, energy codes, fire and safety codes and requirements, and adequate safety precautions. Installation of this product should be attempted only by individuals skilled in the use of the tools and equipment necessary for installation. Protect yourself and all persons and property during installation. If you have any doubt concerning your competence or expertise, consult a qualified expert before proceeding. For advice on safe working at heights, please visit the Health & Safety Executives website [www.hse.gov.uk](http://www.hse.gov.uk) Install at your own risk!

Solarspot product installations may be dangerous and include the potential for death, personal injury and property damage. The hazardous conditions include but are not limited to the following:

- During installation, the Solarspot's reflective tubes may focus sunlight, causing intense heat or fire. Remove protective film only after the parts have been installed. Prior to and during installation, do not leave tubes in contact with combustible materials or unattended, especially near direct sunlight. Avoid skin burns. • Sheet metal edges may be sharp. Use protective gloves to avoid lacerations.

- Skylight installations require climbing and working at dangerous heights, including on ladders, scaffolding, and roofs and in attic spaces. Risk of death, personal injury and property injury may result from a fall, or from falling objects. Use extreme caution to minimize risk of accidental injury, including, but not limited to the following procedures:

- Clear area below your work space of all people, animals and other items.
- Avoid working on surfaces that are slippery or wet.
- Use foot-wear with excellent traction.
- Use only strong, well supported ladders.
- Work only in calm dry weather.
- When in the attic, ensure that your weight is supported at all times with structurally sound framing; dry wall material is not designed to carry a person's weight.
- To reduce the risk of fire, electric shock, and personal injury; basic safety precautions should always be followed when using electric tools, including always wearing safety goggles or other suitable eye protection, and ensuring work area is clear of all electrical wires, gas pipes, water pipes, and other obstacles. • When working in the attic or other dusty areas, use of a mask or respirator is recommended to avoid lung irritation. Attic spaces may be dark, confined, and subject to extreme temperatures. Beware of sharp protruding objects. Do not attempt installation without having someone within range of your voice or close enough to come to your aid if necessary.

### Installation tips

These instructions are a step by step guide for the installation of a Solarspot in the following conditions. For other roof types, please ask your Solarspot dealer for additional information.

- Flat Roof • Asphalt Shingle • Steep Slope Roof • Fire Rated (Classified) Roof • Cement Tile • Wood Shingle and Shake • Low Pitched Roof • Clay Tile
- One 250mm (10") Solarspot provides enough light to brighten a dark area up to 15 sqm, One 375 (15") provides enough light to brighten up to 25 sqm. Both are based on a 2.50mt ceiling height with a 1.8 m tube length. For larger areas, you may need to install more than one unit. This information is for guidance only.
- Allow at least 3 hours for the installation, particularly if this is your first installation.
- All adhesives, seals and tapes must be applied to a dry surface at a minimum of 70°F to be effective.
- During the day, turn off all the lights in the room to see how much natural light comes in through the windows, and determine the best position for the Solarspot. To light a specific area, place the Solarspot over the area, not in the centre of the room. This will prevent the desired area from being shaded by tall objects in the room.
- Avoid locations shaded by trees, ridges and chimneys, or near water channels or valleys.
- Avoid attic areas with obstructions such as: gas, water or drain pipes, air ducts, flues or furnaces.
- Measure the distance between the roof and the ceiling. If you don't have enough tubing to cover the distance, contact your Solarspot dealer for additional tubes. Standard Top Tube and Bottom Tube are 300 mm long.

Optional extension tubes are available: 400mm (16") or 600mm (24") or 1200 (48") in length. All joints should overlap 40mm (1 1/2") minimum. Order the combination which most economically achieves the length that you need.

- Make sure the roof is adequate to endure a Solarspot installation without damaging its waterproofing properties.

Solarspot will generally perform best if the dome is located on the south, east or west elevation. If the dome is to be on a north facing elevation, positioning the dome as high as possible on the roof will enhance performance.

In particularly cold climates, it is advisable to tape a jacket of insulating material (not provided) around the outside of the extension tubes and up into the void between the top tube assembly and the roof flashing to prevent the possibility of condensation build-up on the exterior of the components within the roof void. Contact your Solarspot supplier if you have any questions. When the Solarspot is installed, it is common for it to condensate lightly on the inside of the dome for the first few weeks until humid air inside the tube dissipates. The dome is designed to collect internal moisture and direct it to the outside of the flashing.