

Solatube® Brighten Up® Series Dome Upgrade Kit Installation Instructions for the Solatube 160 DS (10 in/250 mm Daylighting System) and 290 DS (14 in/350 mm Daylighting System)

INSTALLATION STEPS:

This package will be used to upgrade the Dome on an existing Solatube 10 in (250 mm) or 14 in (350 mm) product.

Step 1: Remove existing dome and LITD from flashing and set aside **(Diagram A)**.

Step 2: Place new Solatube 160 DS or 290 DS dome ring onto flashing over existing top tube completely covering old top tube. Ensure the new dome ring is sitting flat and evenly atop the flashing **(Diagram B)**.

Step 3: Pre-drill four new holes by placing the drill bit through the black dome spacers. Drill through the flashing and white top tube dome ring using a .110/in #35 drill bit **(Diagram C)**.

Note: New holes must be drilled. Do not use any pre-existing hole in any of these areas.

Step 4: Fasten the dome ring to the flashing and tube using #8 x 1 in (25 mm) screws.

DOMES INSTALLATION:

Note: For High Velocity Wind Zones, the Shock Inner Dome needs to be installed first. Align the tabs of the inner dome with the snaps on the dome ring and press down into place. Check to ensure that the snaps are fully engaged **(Diagram D)**.

Step 6: Align the four tabs on the dome base with the snaps on the dome ring. Using a magnetic compass, position the LightTracker™ Reflector with the inside (reflective side) facing due South. Align the holes in the reflector with the tabs in the dome and snap into place. **Peel reflective liner from the reflector.**

Peel reflective liner from the reflector.

Step 7: Align the four tabs on the base on the dome base with the snaps on the dome ring and press down into place. Check to make sure that the snaps are fully engaged **(Diagram E)**.

PARTS LIST

	Quantity
1. Dome with Raybender® 3000 Technology	(1)
a. Shock Inner Dome (sold separately)*	
2. Dome Ring (with integrated spacers)	(1)
3. Fastener kit including:	
a. Dome Ring Screws - #8 x 1 in (25 mm)	(5)
b. LightTracker™ Reflector	(1)

Required Tools:

- #2 Phillips Head Screw Driver/Screw Gun
- Magnetic Compass
- Required Safety Equipment

*High Velocity Hurricane Zones: Shock Inner Dome must be installed with Dome.

