



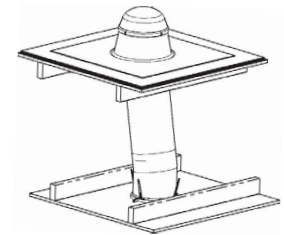
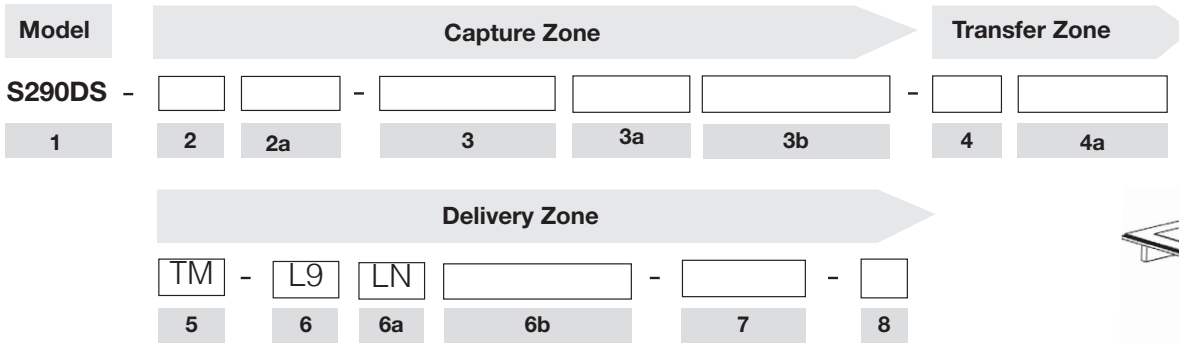
Model: Solatube 290 DS Square (14 in./350 mm Daylighting System)

Project: _____

Location: _____

Type: _____

Product Specifications Appear in CSI Division 08, Section 08 62 23. For budgeting and quotations use only. Qty: _____














1 Model
290 DS Brighten Up® Solatube 290 DS (14 in./350 mm Daylighting System)

Capture Zone

2 Domes (Leave blank if not desired)
DA Acrylic Dome **DAI** Acrylic Dome + Shock Inner Dome (Acrylic)
Required for High Velocity Hurricane Zones

2a Dome Options (Leave blank if not desired)
PB Dome Edge Protection Band **FG** Rooftop Fire Glazing
Required for High Fire Zones

3 Flashings

<p>FP 4 in. (102 mm) Pitched Metal, Self Mounted</p> 	<p>FT 4 in. (102 mm) Tile Roof, No Pitch Metal Flashing</p> 	<p>C14** Metal Insulated Curb 26-1/2in. x 26-1/2 in. x 14 in. (673 mm x 673 mm x 355.5 mm)</p> 
<p>FPT 4 in. (102 mm) Tile Roof, Pitched Metal Flashing</p> 	<p>F6 6 in. (152 mm) Flat/No Pitch Metal, Self Mounted</p> 	<p>C16** Metal Insulated Curb 26-1/2in. x 26-1/2 in. x 16 in. (673 mm x 673 mm x 406.5 mm)</p> 
<p>F1.5 1.5-inch (38 mm) Flat/No Pitch Metal, Self Mounted</p> 	<p>FC Curb Cap (curb by others)</p> 	<p>C20** Metal Insulated Curb 26-1/2in. x 26-1/2 in. x 20 in. (673 mm x 673 mm x 508 mm)</p> 
<p>F4 4 in. (102 mm) Self Mounted</p> 	<p>C12** Metal Insulated Curb 26-1/2in. x 26-1/2 in. x 12 in. (673 mm x 673 mm x 305 mm)</p> 	

** Only product that is FM approved. Must use Dome Polycarbonate (DP). It is required that a dome Edge Protection Band (PB) is used with FM approved flashings and (F8 & F11). The Dome Edge Protection Band for the Curb Cap (PBC) must be used with FM approved Curb Cap (FC).

** Curbs designed for single-ply roofing, lightweight fill or tapered insulation low slope roof types.

3a Flashing Options (Leave blank if not desired)

- T2*** Roof Flashing Turret Extension 2 in. (51 mm)
- T4*** Roof Flashing Turret Extension 4 in. (102 mm)
- T12*** Roof Flashing Turret Extension 12 in. (305 mm)
- T24*** Roof Flashing Turret Extension 24 in. (610 mm)

- T36*** Roof Flashing Turret Extension 36 in. (914 mm)
- T48*** Roof Flashing Turret Extension 48 in. (1219 mm)
- MR** Metal Roof Installation Kit

* Specify additional extension tubes in #4

3b Insulation Options (Leave blank if not desired)

- FI** Flashing Insulator
- CI** Curb Insulator

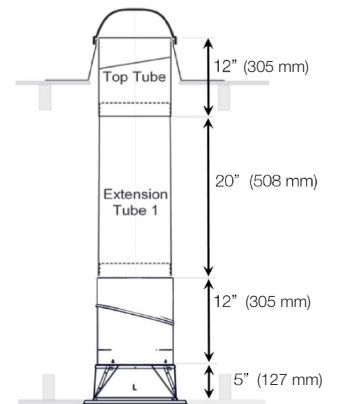
- TIP** Thermal Insulation Panel
- CCI** Curb Cap Insulation

Transfer Zone

4 Extension Tubes Required

Run measured from top of roof deck to bottom of ceiling plane along centerline of tubing.

- | | |
|--|--|
| E0 Base Kit, No Extension Tubes – Max Run = 22 in. (559 mm) | E7 Seven Extension Tubes – Max Run = 176 in. (4470 mm) |
| E1 One Extension Tube – Max Run = 44 in. (1118 mm) | E8 Eight Extension Tubes – Max Run = 198 in. (5029 mm) |
| E2 Two Extension Tubes – Max Run = 66 in. (1676 mm) | E9 Nine Extension Tubes – Max Run = 220 in. (5588 mm) |
| E3 Three Extension Tubes – Max Run = 88 in. (2235 mm) | E10 Ten Extension Tubes – Max Run = 242 in. (6147 mm) |
| E4 Four Extension Tubes – Max Run = 110 in. (2794 mm) | EXX Total Run Length to be Determined by Bidding Contractor |
| E5 Five Extension Tubes – Max Run = 132 in. (3353 mm) | |
| E6 Six Extension Tubes – Max Run = 154 in. (3912 mm) | |



4a Extension Tube Options (Leave blank if not desired)

- | | |
|---|-----------------------------------|
| A1 One 0-90 Degree Extension Tube (Angle Adapter) | E Wire Suspension Kit |
| A2 Two 0-90 Degree Extension Tubes (Angle Adapter) | SCG Severe Climate Glazing |

Delivery Zone

5 Bottom Assembly

- TM** Transition Square Box (Metal)



6 Diffusers/Decorative Fixtures

- L9** JustFrost Decorative Fixture



6a Effect Lenses

- LN** Natural Effect Lens

6b Options (Leave blank if not desired)

- INC** Universal Light Add-On Kit with Medium Screw Base (Accepts two 23W Maximum LED, or Fluorescent Lamp, Medium Base, Total Maximum Length 4 3/4 in. (120 mm) -Not Included) 110V
- D1** 0-10V Daylight Dimmer

- LED** 4,000K/80CRI
- L309** 3,000K/90CRI
- L359** 3,500K/90CRI
- L409** 4,000K/90CRI

7 Accessories (Order separately)

S1 Low voltage 0-10V switch (white) required to operate Solatube 0-10V Daylight Dimmers. Only one switch per forty-eight (48) synchronously controlled dimmers. (For 'D1' only) Note: For use when no controls have been specified and customer is looking for an off-the-shelf solution.

TR20 UL Listed Class 2 Transformer 24 VAC, Rated 20 VA (For 'D1' only)

TR96 UL Listed Class 2 Transformer 24 VAC, Rated 96 VA (For 'D1' only)

8 Measurement Standard

M Metric **I** Imperial

Example

S290DS-DA-F6-E4-TM-L9-LN-INC-D1-I

Brighten Up® Series Solatube 290 DS (14 in./350 mm Daylighting System), Acrylic Dome, 6 in. (152 mm) high Flat/No Pitch Self Mounted Flashing, 4 Extension Tubes, Transition Box Metal, Just Frost Decorative Fixture, Natural Effect Lens, Universal Light Add-On Kit and Daylight Dimmer. For imperial installations.