



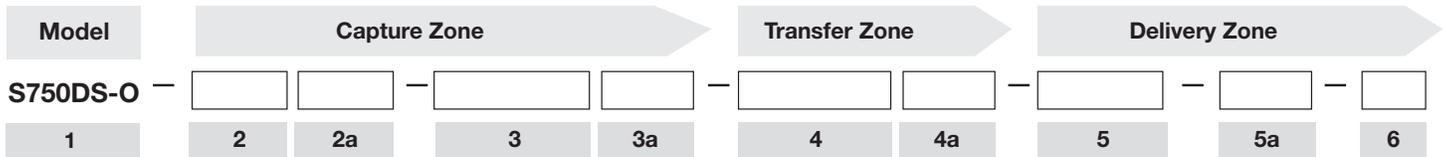
# Model: Solatube 750 DS-O Open Ceiling (21 in./530 mm Daylighting System)

Project: \_\_\_\_\_

Location: \_\_\_\_\_

Type: \_\_\_\_\_

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



## 1 Model

**750 DS-O SolaMaster®** Solatube 750 DS-O (21 in./530 mm Daylighting System) Open Ceiling



## Capture Zone

### 2 Dome

- DA** Acrylic Dome
- DAI** Acrylic Outer Dome + Acrylic Inner Dome
- DPI** Acrylic Outer Dome + Polycarbonate Inner Dome (Required for High Velocity Hurricane Zones, FEMA, and FM\*\*)
- MIL** Acrylic Dual Dome (Required for UFC-ATFP)

### 2a Dome Options (Leave blank if not desired)

- B** Security Bar      **PB** Dome Edge Protection Band (Required for FM\*\*)
  - SK** Dome Security Kit\*\*
- \*\*Inner dome required for Dome Security Kit

### 3 Flashings

<p><b>F4</b> 4 in. (102 mm) Self Mounted</p> 	<p><b>C12**</b> Metal Insulated Curb 26 in. x 26 in. x 12 in. (673 mm x 673 mm x 305 mm)</p> 	<p><b>CXX**</b> Metal Insulated Curb 26 in. x 26 in. x XX in. (673 mm x 673 mm x XX mm)</p> <p>XX: Custom curb height determined by bidding contractor</p> 
<p><b>F8</b> 8 in. (203 mm) Self Mounted (FM Approved**)</p> 	<p><b>C14**</b> Metal Insulated Curb 26 in. x 26 in. x 14 in. (673 mm x 673 mm x 355.5 mm)</p> 	
<p><b>F11</b> 11 in. (279 mm) Self Mounted (FM Approved**)</p> 	<p><b>C16**</b> Metal Insulated Curb 26 in. x 26 in. x 16 in. (673 mm x 673 mm x 406.5 mm)</p> 	
<p><b>FC</b> Curb Cap (FM Approved**)</p> 	<p><b>C20**</b> Metal Insulated Curb 26 in. x 26 in. x 20 in. (673 mm x 673 mm x 508 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.

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

**3a Flashing Options** (Leave blank if not desired)

- 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)
- MCF** Membrane Counter Flashing (use with F8 or F11)
- FI** Flashing Insulator
- CI** Curb Insulator
- CCI** Curb Cap Insulation (Required for FEMA)

\* Specify additional extension tubes in #4

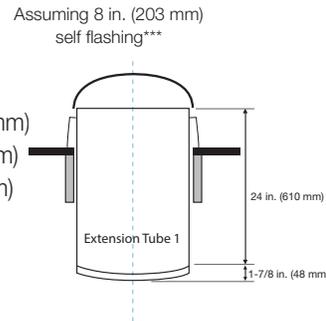
+ Comes with bracket kit

**Transfer Zone**

**4 Extension Tubes Required\***

Run measured from top of flashing to diffuser along centerline of tubing using 24 in. (610 mm) lengths. See 4a for optional 48 in. (1219 mm) length.

- E1\*\*** One Extension Tube – Max Run = 24 in. (610 mm)
- E2\*\*** Two Extension Tubes – Max Run = 46 in. (1169 mm)
- E3\*\*** Three Extension Tubes – Max Run = 68 in. (1728 mm)
- E4\*\*** Four Extension Tubes – Max Run = 90 in. (2286 mm)
- E5\*\*** Five Extension Tubes – Max Run = 112 in. (2845 mm)
- E6\*\*** Six Extension Tubes – Max Run = 134 in. (3404 mm)
- E7\*\*** Seven Extension Tubes – Max Run = 156 in. (3963 mm)
- E8\*\*** Eight Extension Tubes – Max Run = 178 in. (4522 mm)
- E9\*\*** Nine Extension Tubes – Max Run = 200 in. (5080 mm)
- E10\*\*** Ten Extension Tubes – Max Run = 222 in. (5639 mm)
- EXX\*\*** Total Run Length to be Determined by Bidding Contractor



\*At least one 24 in. (610 mm) or 48 in. (1219 mm) extension tube required for diffuser  
 \*\*Compatible with dome ring to be used as a top tube or extension tube  
 \*\*\*Total tube run will vary depending on flashing used

**4a Product Options** (Leave blank if not desired)

- A1** One 0-90 Degree Extension Tube (Angle Adapter)
- A2** Two 0-90 Degree Extension Tubes (Angle Adapter)
- E** Wire Suspension Kit (50 ft./15m) (Required for FEMA)
- EL** Optional 48 in./1219 mm Extension Tube (Substitute one 48 in./1219 mm for two 24 in./610 mm above)
- AK** 16 in. (406 mm) Top Tube Angle Adapter and 16 in. (406 mm) Bottom Tube Angle Adapter
- TA** 16 in. (406 mm) Top Tube Angle Adapter
- BA** 16 in. (406 mm) Bottom Tube Angle Adapter
- TIP** Thermal Insulation Panel
- R** Trim Ring

**Delivery Zone**

**5 Diffuser Lens**

- L1** OptiView® Diffuser 
- L2** Prismatic Diffuser 
- L2P** Prismatic Diffuser Polycarbonate (Required for FEMA) 

**5a Options** (Leave blank if not desired)

- D1** 0-10V Daylight Dimmer™
- LED** 75W 100-277V, 1.1A, 50/60Hz

**6 Measurement Standard**

- M** Metric
- I** Imperial

**Accessories** (Order separately)

- S1** Low voltage 0-10V switch (white) required to operate Solatube 0-10V Daylight Dimmers. Only one switch is required 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. If different controls have been specified please source those from others.
- 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)

**Example**

**S750 DS-O-DPI-F8-E2-L1-M**

SolaMaster Series® 750 DS-O (21 in./530 mm Daylighting System), Acrylic Outer Dome + Polycarbonate Inner Dome, 8 in./203 mm High Self Mounted Flashing, Two Extension Tubes and OptiView® Diffuser. For metric installations.