



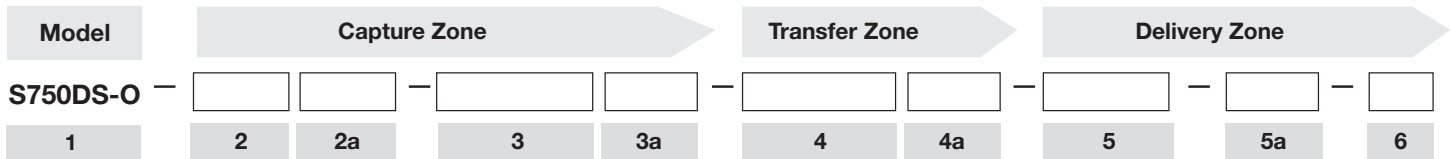
# Model: Solatube 750 DS-O Open Ceiling (21 in./530 mm Daylighting System)

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

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

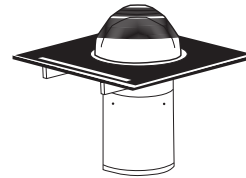
Type: \_\_\_\_\_

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, FM, and FEMA)
- 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\*\*
- PBC** Dome Edge Protection Band Curb Cap (Required for FM)\*\*

\*\*Inner dome required for Dome Security Kit

### 3 Flashings

- |  |  |  |
|--|--|--|
| <p><b>F4</b> 4-inch/100mm<br/>Self Mounted</p>    | <p><b>F8</b> 8-inch/200mm<br/>Self Mounted<br/>(FM Approved**)</p>  | <p><b>F11</b> 11-inch/275mm<br/>Self Mounted<br/>(FM Approved**)</p>  |
| <p><b>FC</b> Curb Cap<br/>(Curb by Others)<br/>(FM Approved**)<br/>(Required for FEMA)</p>  | <p><b>FSM</b> Metal Roof<br/>Flashing</p>                           |  |

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

- |   |   |
|---|---|
| <b>T12*</b> Roof Flashing Turret Extension 12 in./300 mm  | <b>MCF</b> Membrane Counter Flashing (use with F8 or F11) |
| <b>T24*</b> Roof Flashing Turret Extension 24 in./600 mm  | <b>FI</b> Flashing Insulator                              |
| <b>T36*</b> Roof Flashing Turret Extension 36 in./900 mm  | <b>CI</b> Curb Insulator                                  |
| <b>T48*</b> Roof Flashing Turret Extension 48 in./1200 mm | <b>CCI</b> Curb Cap Insulation (Required for FEMA)        |

\* Specify additional extension tubes in #4

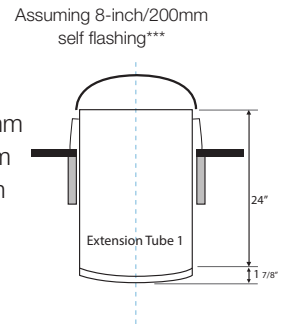
\*\* Only product that is FM approved. Must use Dome Polycarbonate (DP). It is required that a dome Edge Protection Band (PB) is used with FM approved flashings and (F8 & F11). The Dome Edge Protection Band for the Curb Cap (PBC) must be used with FM approved Curb Cap (FC).

**Transfer Zone**

**4 Extension Tubes Required\***

Run measured from top of flashing to diffuser along centerline of tubing using 24"/600mm lengths. See 4a for optional 48"/1200mm length.

- |  |  |
|--|--|
| <b>E1**</b> One Extension Tube – Max Run = 24"/600mm     | <b>E7**</b> Seven Extension Tubes – Max Run = 156"/3960mm            |
| <b>E2**</b> Two Extension Tubes – Max Run = 46"/1170mm   | <b>E8**</b> Eight Extension Tubes – Max Run = 178"/4520mm            |
| <b>E3**</b> Three Extension Tubes – Max Run = 68"/1730mm | <b>E9**</b> Nine Extension Tubes – Max Run = 200"/5080mm             |
| <b>E4**</b> Four Extension Tubes – Max Run = 90"/2285mm  | <b>E10**</b> Ten Extension Tubes – Max Run = 222"/5640mm             |
| <b>E5**</b> Five Extension Tubes – Max Run = 112"/2845mm | <b>EXX**</b> Total Run Length to be Determined by Bidding Contractor |
| <b>E6**</b> Six Extension Tubes – Max Run = 134"/3400mm  |  |



\*At least one 24"/600mm or 48"/1200mm 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)

- |  |  |
|--|--|
| <b>A1</b> One 0-90 Degree Extension Tube (Angle Adapter)   | <b>AK</b> 16"/400mm Top Tube Angle Adapter and 16"/400mm Bottom Tube Angle Adapter |
| <b>A2</b> Two 0-90 Degree Extension Tubes (Angle Adapter)  | <b>TA</b> 16"/400mm Top Tube Angle Adapter   |
| <b>E</b> Wire Suspension Kit (50 ft./15m) (Required for FEMA)                                    | <b>BA</b> 16"/400mm Bottom Tube Angle Adapter                                      |
| <b>EL</b> Optional 48"/1200mm Extension Tube (Substitute one 48"/1200mm for two 24"/600mm above) | <b>TIP</b> Thermal Insulation Panel  |
|  | <b>R</b> Trim Ring   |

**Delivery Zone**

**5 Diffuser Lens**

- |  |  |   |
|--|--|---|
| <b>L1</b> OptiView® Diffuser  | <b>L2</b> Prismatic Diffuser  | <b>L2P</b> Prismatic Diffuser Polycarbonate (Required for FEMA)  |
|--|--|---|

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

- |                           |                                  |
|---------------------------|----------------------------------|
| <b>D</b> Daylight Dimmer™ | <b>D1</b> 0-10V Daylight Dimmer™ |
|---------------------------|----------------------------------|

**6 Measurement Standard**

- |                 |                   |
|-----------------|-------------------|
| <b>M</b> Metric | <b>I</b> Imperial |
|-----------------|-------------------|

**Accessories** (Order separately)

- SW** Low voltage switch (white) required to operate Solatube Daylight Dimmers. Note: Only one switch is required per ten (10) synchronously controlled dimmers. (For 'D' only)
- 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.
- CA** Two Conductor/22 AWG Low Voltage Cable 500 ft./150m (For 'D' only)
- 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**  
 SolMaster Series® 750 DS-O (21 in./530 mm Daylighting System), Acrylic Outer Dome + Polycarbonate Inner Dome, 8-inch/200mm High Self Mounted Flashing, Two Extension Tubes and OptiView® Diffuser. For metric installations.