



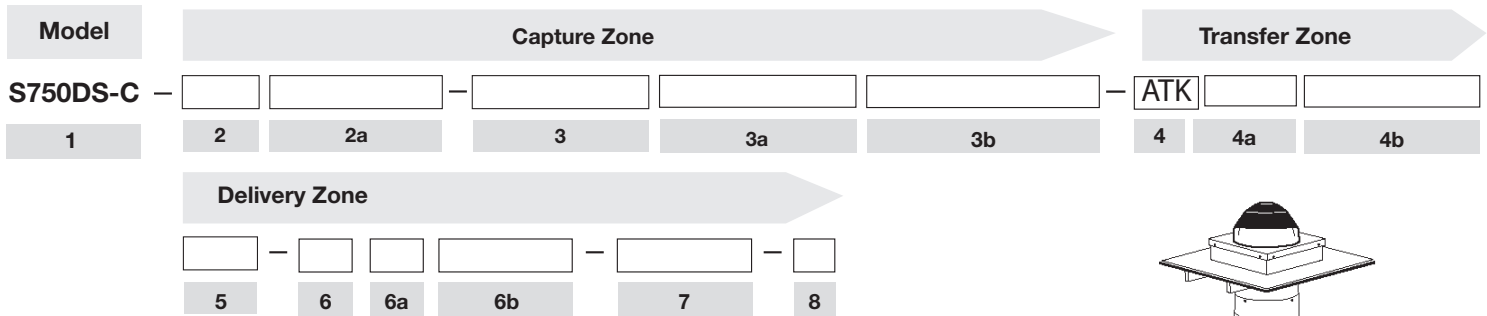
# Model: Solatube 750 DS-C Closed Ceiling (21 in./530 mm Daylighting System)

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

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

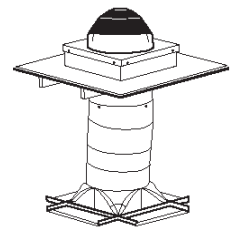
Type: \_\_\_\_\_

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



## 1 Model

**750 DS-C SolaMaster®** Solatube 750 DS-C (21 in./530 mm Daylighting System) Closed 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 and FM\*\*)
- MIL** Acrylic Dual Dome (Required for UFC-ATFP)



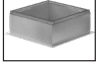


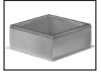


### 2a Dome Options (Leave blank if not desired)

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

**FG** Rooftop Fire Glazing  
Required for High Fire Zones

\*\*Inner dome required for Dome Security Kit

### 3 Flashings

- |  |   |  |
|--|---|--|
| <p><b>F4</b> 4 in. (102 mm)<br/>Self Mounted</p>                        | <p><b>FC</b> Curb Cap<br/>(FM Approved**)</p>   | <p><b>C16**</b> Metal Insulated Curb<br/>26 in. x 26 in. x 16 in.<br/>(660 mm x 660 mm x 406.4 mm)</p>  |
| <p><b>F8</b> 8 in. (203 mm)<br/>Self Mounted<br/>(FM Approved**)</p>    | <p><b>C12**</b> Metal Insulated Curb<br/>26 in. x 26 in. x 12 in.<br/>(660 mm x 660 mm x 305 mm)</p>    | <p><b>C20**</b> Metal Insulated Curb<br/>26 in. x 26 in. x 20 in.<br/>(660 mm x 660 mm x 508 mm)</p>    |
| <p><b>F11</b> 11 in. (279 mm)<br/>Self Mounted<br/>(FM Approved**)</p>  | <p><b>C14**</b> Metal Insulated Curb<br/>26 in. x 26 in. x 14 in.<br/>(660 mm x 660 mm x 355.6 mm)</p>  |  |

\*\* Only product that is FM approved. Must use Polycarbonate Inner Dome (DPI). 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

\* Specify additional extension tubes in #4a

† Comes with Bracket Kit

- MR** Metal Roof Installation Kit
- MCF** Membrane Counter Flashing (use with F8 or F11)

**3b Insulation Options** (Leave blank if not desired)

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

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

**Transfer Zone**

**4 Top Tube and Bottom Tube Required**

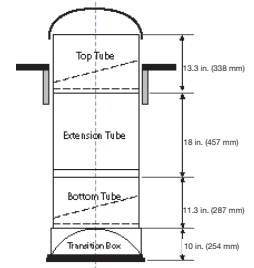
**ATK** 13.3 in. (338 mm) Top Tube Angle Adapter and 13.3 in. (338 mm) Bottom Tube Angle Adapter

**4a Extension Tubes Required**

Run measured from top of flashing to bottom of ceiling plane along centerline of tubing (allow for 2" tube and 1" transition box overlap) using 20 in. (508 mm) lengths. See 4b for optional 40 in. (1016 mm) length.

- ET0** No Extension Tube – Max Run = 34.6 in. (879 mm)
- ET1\*** One Extension Tube – Max Run = 52.6 in. (1336 mm)
- ET2\*** Two Extension Tubes – Max Run = 70.6 in. (1793 mm)
- ET3\*** Three Extension Tubes – Max Run = 88.6 in. (2250 mm)
- ET4\*** Four Extension Tubes – Max Run = 106.6 in. (2708 mm)
- ET5\*** Five Extension Tubes – Max Run = 124.6 in. (3165 mm)
- ET6\*** Six Extension Tubes – Max Run = 142.6 in. (3622 mm)
- ET7\*** Seven Extension Tubes – Max Run = 160.6 in. (4079 mm)
- ET8\*** Eight Extension Tubes – Max Run = 178.6 in. (4536 mm)
- ET9\*** Nine Extension Tubes – Max Run = 196.6 in. (4994 mm)
- ET10\*** Ten Extension Tubes – Max Run = 214.6 in. (5451 mm)
- EXX\*** Total Run Length to be Determined by Bidding Contractor

\*Compatible with dome ring to be used as a top tube or extension tube



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

- AT1** One 0-90 Degree Extension Tube (Angle Adapter)
- AT2** Two 0-90 Degree Extension Tubes (Angle Adapter)
- ETS** 20 in. (508 mm) Spectralight Infinity SoftLight Extension Tube

- E** Wire Suspension Kit (50 ft./15 m)
- ETL** Optional 40 in. (1016 mm) Extension Tube (Substitute one 40 in. (1016 mm) for two 20 in. (508 mm) above)

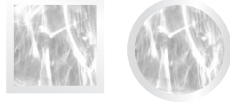
## Delivery Zone

### 5 Bottom Assembly

**TM** Transition Square Box (Metal)    **TP** Transition Square Box (Polymeric)    **TRS** Transition Round Suspended Ceiling  
**TRH** Transition Round Hard Ceiling

### 6 Diffuser Lens

**L2** Prismatic Diffuser



**L5** OptiView Wide  
**L6** OptiView Superwide  
**L7** OptiView Narrow



Diffuser/Ceiling Assembly includes transition box.

### 6a Effect Lens\* (Leave blank if not desired)

**LN** Natural Effect Lens

\*Effect lens is optional; does not come standard.

### 6b Options (Leave blank if not desired)

**D1** 0-10V Daylight Dimmer    **LED** 4,000K/80CRI    **L359** 3,500K/90CRI  
**L309** 3,000K/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 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)

### 8 Measurement Standard

**M** Metric    **I** Imperial

Example

#### **S750 DS-C-DAI-FC-ATK-ET3-ETS-TM-L5-LN-I**

SolaMaster Series® 750 DS-C (21 in./530 mm Daylighting System), Acrylic Outer Dome + Acrylic Inner Dome, Flashing Curb Cap, 13.3 in. (338 mm) Top Tube Angle Adapter and 13.3 in. (338 mm) Bottom Tube Angle Adapter, Three Extension Tubes, One 20 in. (508 mm) Spectralight Infinity with SoftLight Extension Tube, One Transition Box (Metal), OptiView® Diffuser, and Natural Effect Lens. For Imperial installations.



Latest Version

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