



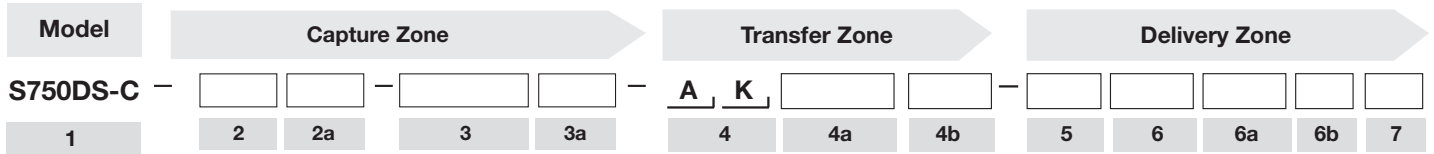
# Model: Solatube 750 DS-C Closed Ceiling (530 mm/21 in Daylighting System)

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

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

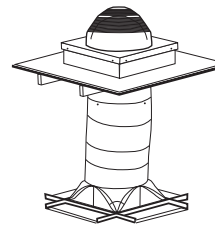
Type: \_\_\_\_\_

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 (530 mm/21 in 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\*\*
- PBC** Dome Edge Protection Band Curb Cap (Required for FM)\*\*

\*\*Inner dome required for Dome Security Kit

### 3 Flashings

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

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

- T12\*\*†** Roof Flashing Turret Extension 300 mm/12 in
- T24\*\*†** Roof Flashing Turret Extension 600 mm/24 in
- T36\*\*†** Roof Flashing Turret Extension 900 mm/36 in
- T48\*\*†** Roof Flashing Turret Extension 1200 mm/48 in
- MCF** Membrane Counter Flashing (use with F8 or F11)
- FI** Flashing Insulator
- CI** Curb Insulator
- CCI** Curb Cap Insulation

\* Specify additional extension tubes in #4a

\*\* 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 (F8 & F11). The Dome Edge Protection Band for the Curb Cap (PBC) must be used with FM approved Curb Cap Flashing (FC).

† Comes with Bracket Kit

## Transfer Zone

### 4 Top Tube and Bottom Tube Required

**AK** 400 mm/16 in Top Tube Angle Adapter and 400 mm/16 in Bottom Tube Angle Adapter

### 4a Extension Tubes Required

Run measured from top of roof deck to bottom of ceiling plane along centerline of tubing (allow for 50 mm/2 in overlap) using 600 mm/24 in lengths. See 4b for optional 1200 mm/48 in length.

**E0** No Extension Tube – Max Run = 965 mm/38 in

**E1\*** One Extension Tube – Max Run = 1525 mm/60 in

**E2\*** Two Extension Tubes – Max Run = 2080 mm/82 in

**E3\*** Three Extension Tubes – Max Run = 2640 mm/104 in

**E4\*** Four Extension Tubes – Max Run = 3200 mm/126 in

**E5\*** Five Extension Tubes – Max Run = 3760 mm/148 in

**E6\*** Six Extension Tubes – Max Run = 4320 mm/170 in

**E7\*** Seven Extension Tubes – Max Run = 4875 mm/192 in

**E8\*** Eight Extension Tubes – Max Run = 5435 mm/214 in

**E9\*** Nine Extension Tubes – Max Run = 5995 mm/236 in

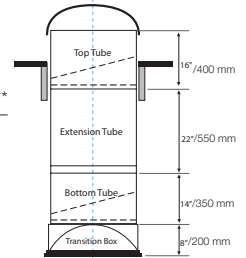
**E10\*** Ten Extension Tubes – Max Run = 6550 mm/258 in

**EXX\*** Total Run Length to be Determined by Bidding Contractor

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

\*\*Total tube run will vary depending on flashing used.

Assuming 200 mm/8 in self flashing\*\*



### 4b 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)

**ES** 600 mm/24 in Spectralight Infinity SoftLight Extension Tube

**TIP** Thermal Insulation Panel

**E** Wire Suspension Kit (15 m/50 ft)

**EL** Optional 1200 mm/48 in Extension Tube (Substitute one 1200 mm/48 in for two 600 mm/24 in above)

## Delivery Zone

### 5 Bottom Assembly

**TM** Transition Box (Metal)

**TP** Transition Box (Polymeric)

### 6 Diffuser Lens

**L1** OptiView® Diffuser



**L2** Prismatic Diffuser



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)

**D** Daylight Dimmer™

**D1** 0-10V Daylight Dimmer

### 7 Measurement Standard

**M** Metric

**I** 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 (150 m/500 ft) (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

#### 750 DS-C-DAI-FSM-AK-E3-ES-L1-LN-I

SolaMaster Series® 750 DS-C (530 mm/21 in Daylighting System), Acrylic Outer Dome + Acrylic Inner Dome, Metal Roof Flashing, 400 mm/16 in Top Tube Angle Adapter and 400 mm/16 in Bottom Tube Angle Adapter, Three Extension Tubes, One 600 mm/24 in Spectralight Infinity with SoftLight Extension Tube, OptiView® Diffuser, and Natural Effect Lens. For non-metric installations.