



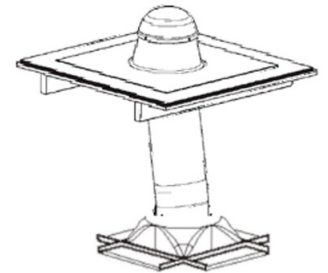
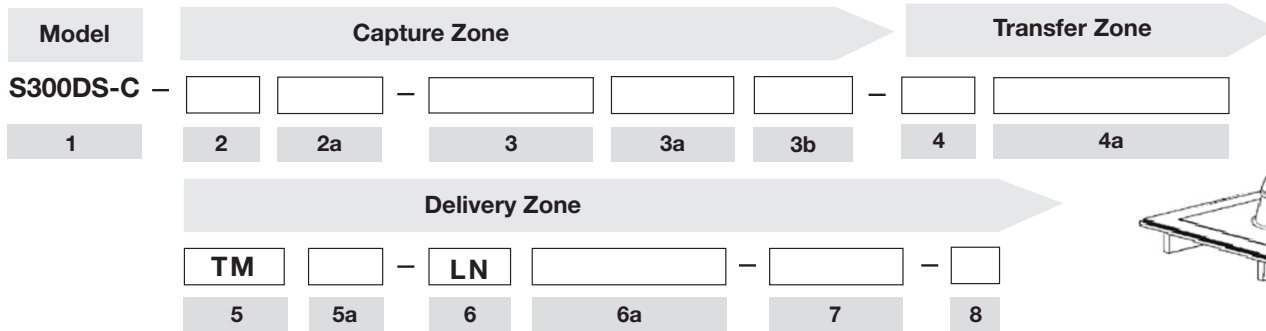
# Model: Solatube 300 DS Closed Ceiling (14 in./350 mm Daylighting System )

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

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

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

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



## 1 Model

**300 DS SolaMaster®** Solatube 300 DS (14 in./350 mm Daylighting System)

## Capture Zone

### 2 Domes

**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

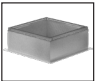
**F4** 4 in. (102 mm)  
Self Mounted



**FC** Curb Cap  
(FM Approved\*\*)



**C16\*\*** Metal Insulated Curb  
26-1/2 in. x 26-1/2 in. x 16 in.  
(673 mm x 673 mm x 406.5 mm)



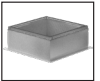
**FP** 4 in. (102 mm)  
Pitched Metal,  
Self Mounted (Black)



**C12\*\*** Metal Insulated Curb  
26-1/2 in. x 26-1/2 in. x 12 in.  
(673 mm x 673 mm x 305 mm)



**C20\*\*** Metal Insulated Curb  
26-1/2 in. x 26-1/2 in. x 20 in.  
(673 mm x 673 mm x 508 mm)



**F6** 6 in. (152 mm)  
Flat/No Pitch Metal,  
Self Mounted



**C14\*\*** Metal Insulated Curb  
26-1/2 in. x 26-1/2 in. x 14 in.  
(673 mm x 673 mm x 355.5 mm)



\*\* 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 Insulator Options** (Leave blank if not desired)

- FI** Flashing Insulator
- CCI** Curb Cap Insulation

**Transfer Zone**

**4 Extension Tubes Required**

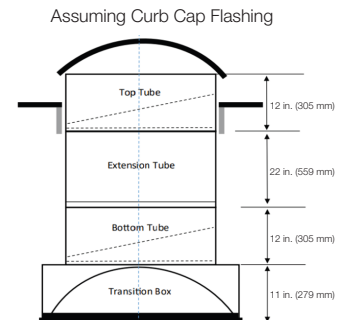
Run measured from top of roof deck to bottom of ceiling plane along centerline of tubing.

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li><b>E0</b> Base Kit, No Extension Tubes – Max Run = 34 in. (864 mm)</li> <li><b>E1</b> One Extension Tube – Max Run = 56 in. (1422 mm)</li> <li><b>E2</b> Two Extension Tubes – Max Run = 78 in. (1981 mm)</li> <li><b>E3</b> Three Extension Tubes – Max Run = 100 in. (2540 mm)</li> <li><b>E4</b> Four Extension Tubes – Max Run = 122 in. (3099 mm)</li> <li><b>E5</b> Five Extension Tubes – Max Run = 144 in. (3658 mm)</li> <li><b>E6</b> Six Extension Tubes – Max Run = 166 in. (4216 mm)</li> </ul> | <ul style="list-style-type: none"> <li><b>E7</b> Seven Extension Tubes – Max Run = 188 in. (4775 mm)</li> <li><b>E8</b> Eight Extension Tubes – Max Run = 210 in. (5334 mm)</li> <li><b>E9</b> Nine Extension Tubes – Max Run = 232 in. (5893 mm)</li> <li><b>E10</b> Ten Extension Tubes – Max Run = 254 in. (6452 mm)</li> <li><b>EXX</b> Total Run Length to be Determined by Bidding Contractor</li> </ul> |
|---|--|

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

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li><b>A1</b> One 0-90 Degree Extension Tube (Angle Adapter)</li> <li><b>A2</b> Two 0-90 Degree Extension Tubes (Angle Adapter)</li> <li><b>E</b> Wire Suspension Kit</li> </ul> | <ul style="list-style-type: none"> <li><b>*ES</b> SoftLight Extension Tube</li> <li><b>TIP</b> Thermal Insulation Panel</li> <li><b>SCG</b> Severe Climate Glazing</li> </ul> |
|---|---|

\*Use only one (1) Softlight Extension Tube per system



**Delivery Zone**

**5 Bottom Assembly**

- TM** Transition Square Box (Metal)



**5a Diffuser Lens**

- L2** Prismatic Diffuser



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



Diffuser/Ceiling Assembly includes transition box.

**6 Effect Lenses**

- LN** Natural Effect Lens

**6a Options** (Leave blank if not desired)

- |                                  |                          |                          |
|----------------------------------|--------------------------|--------------------------|
| <b>D1</b> 0-10V Daylight Dimmer™ | <b>LED</b> 4,000K/80CRI  | <b>L359</b> 3,500K/90CRI |
|                                  | <b>L309</b> 3,000K/90CRI | <b>L409</b> 4,000K/90CRI |

- INC** Universal Light Add-On Kit with Medium Screw Base (Accepts two (2) 23 Watt Maximum LED, Fluorescent, or Incandescent lamps, Medium Base, Total Maximum Length 4 3/4 in. (120mm) - Not Included)

## 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

#### **S300DS-C-DA-F6-E4-ES-TM-L5-LN-I**

SolaMaster Series Solatube 300 DS (14 in./350 mm Daylighting System), Acrylic Dome, 6-inch/152 mm high Flat/No Pitch Self Mounted Flashing, 4 Extension Tubes, Softlight Extension Tube, OptiView Wide Diffuser, Natural Effect Lens. For Imperial installations.