



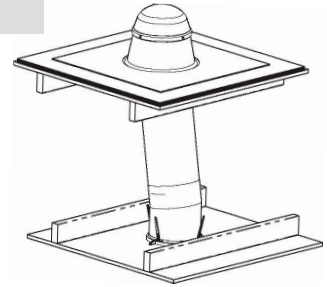
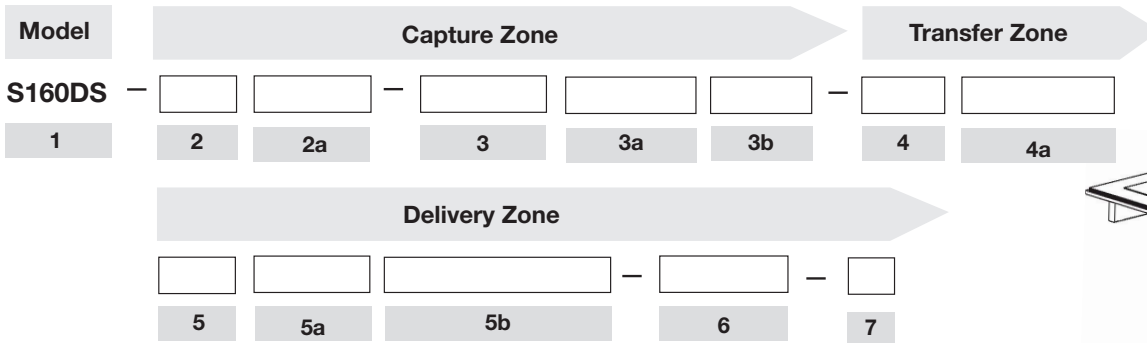
# Model: Solatube 160 DS (10 in. /250 mm Daylighting System )

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

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

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

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



**1 Model**  
160 DS Brighten Up® Solatube 160 DS (10 in./250 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**

<b>FP</b> 4 in. (102 mm) Pitched Metal, Self Mounted 	<b>F4</b> 4 in. (102 mm) Flat/No Pitch Metal, Self Mounted 	<b>F6</b> 6 in. (152 mm) Flat/No Pitch Metal, Self Mounted 
<b>FPT</b> 4 in. (102 mm) Tile Roof, Pitched Metal Flashing 	<b>FT</b> 4 in. (102 mm) Tile Roof, No Pitch Metal Flashing 	<b>FC</b> Curb Cap (curb by others) 

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

<b>T2*</b> Roof Flashing Turret Extension 2 in. (51 mm)	<b>T36*</b> Roof Flashing Turret Extension 36 in. (914 mm)
<b>T4*</b> Roof Flashing Turret Extension 4 in. (102 mm)	<b>T48*</b> Roof Flashing Turret Extension 48 in. (1219 mm)
<b>T12*</b> Roof Flashing Turret Extension 12 in. (305 mm)	<b>MR</b> Metal Roof Installation Kit
<b>T24*</b> Roof Flashing Turret Extension 24 in. (610 mm)	

\* Specify additional extension tubes in #4

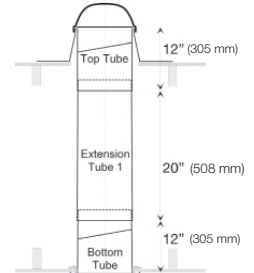
**3b Insulation Options** (Leave blank if not desired)  
**FI** Flashing Insulator      **TIP** Thermal Insulation Panel

## Transfer Zone

### 4 Extension Tubes Required

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

- |  |  |
|--|--|
| <b>E0</b> Base Kit, No Tubes – Max Run = 16 in. (406 mm)     | <b>E7</b> Seven Extension Tubes – Max Run = 170 in. (4318 mm)      |
| <b>E1</b> One Extension Tube – Max Run = 38 in. (965 mm)     | <b>E8</b> Eight Extension Tubes – Max Run = 192 in. (4877 mm)      |
| <b>E2</b> Two Extension Tubes – Max Run = 60 in. (1524 mm)   | <b>E9</b> Nine Extension Tubes – Max Run = 214 in. (5435 mm)       |
| <b>E3</b> Three Extension Tubes – Max Run = 82 in. (2082 mm) | <b>E10</b> Ten Extension Tubes – Max Run = 236 in. (5994 mm)       |
| <b>E4</b> Four Extension Tubes – Max Run = 104 in. (2641 mm) | <b>EXX</b> Total Run Length to be Determined by Bidding Contractor |
| <b>E5</b> Five Extension Tubes – Max Run = 126 in. (3200 mm) |  |
| <b>E6</b> Six Extension Tubes – Max Run = 148 in. (3759 mm)  |  |






Assuming 6 in. (152 mm) high no-pitch flashing

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

- |   |                                   |
|---|-----------------------------------|
| <b>A1</b> One 0-90 Degree Extension Tube (Angle Adapter)  | <b>E</b> Wire Suspension Kit      |
| <b>A2</b> Two 0-90 Degree Extension Tubes (Angle Adapter) | <b>SCG</b> Severe Climate Glazing |

## Delivery Zone

### 5 Diffusers/Decorative Fixtures

- |                                      |  |  |  |  |   |
|--------------------------------------|--|--|--|--|---|
| <b>L4</b> Classic Vusion™ Diffuser   |   | <b>L9</b> JustFrost Decorative Fixture |  | <b>L10</b> TierDrop Decorative Fixture |  |
| <b>L5</b> Classic Optiview Wide      |  |  |  |  |   |
| <b>L6</b> Classic Optiview Superwide |  |  |  |  |   |
| <b>L7</b> Classic Optiview Narrow    |  |  |  |  |   |

### 5a Effect Lenses

- |                                 |                                       |
|---------------------------------|---------------------------------------|
| <b>LN</b> Natural Effect Lens   | <b>LW</b> Warm Effect Lens            |
| <b>LS</b> Softening Effect Lens | <b>LWS</b> Warm Softening Effect Lens |

### 5b Options (Leave blank if not desired)

- |  |  |
|--|--|
| <b>INC</b> Universal Light Add-On Kit with Medium Screw Base (Accepts two 23W Maximum Fluorescent Lamp, Medium Base, Total Maximum Length 4 3/4 in. (120 mm) - Not Included) 110 V | <b>VEN</b> Ventilation Add-On Kit (110 V)  |
|  | <b>RV</b> Roof Vent Cap for Vntilation Kit |
|  | <b>D1</b> 0-10V Daylight Dimmer            |

### 6 Accessories (Order separately.)

- S1** Low voltage 0-10V switch (white) required to operate Solatube 010V Daylight Dimmers. Only one switch 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.
- 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)

### 7 Measurement Standard

- M** Metric      **I** Imperial

### Example

#### S160DS-DA-F6-E3-L9-LN-INC-D1-M

Brighten Up® Series Solatube 160 DS (10 in./250 mm Daylighting System), Acrylic Dome, 6 in. (152 mm) high Flat/No Pitch Self Mounted Flashing, 3 Extension Tubes, JustFrost Decorative Fixture, Natural Effect Lens, Universal Light Add-On Kit and Daylight Dimmer. For metric installations.