



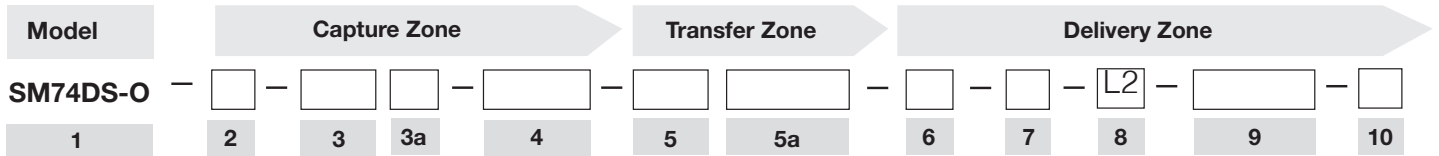
# Model: Solatube SkyVault Series (29 in./740 mm Daylighting System)

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

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

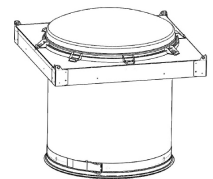
Type: \_\_\_\_\_

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



## 1 Model

**Solatube® M74 DS** Solatube M74 DS (29 in./740 mm Daylighting System) Open Ceiling



## Capture Zone

### 2 Collector (Leave blank if not desired)

**C** Collector with Raybender HD and LightTracker Technologies



### 3 Domes

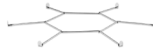
**DP** Polycarbonate Dome

**DPP** Polycarbonate Outer Dome + PETG Inner Dome



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

**SG** Security Guard\*



\*Factory Installed

## 4 Flashings

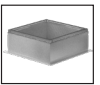
**FC** Curb Cap  
\*Dome edge protection band included with the dome



**C12\*\*** Metal Insulated Curb  
35 in. x 35 in. x 12 in.  
(889 mm x 889 mm x 305 mm)



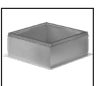
**C16\*\*** Metal Insulated Curb  
35 in. x 35 in. x 16 in.  
(889 mm x 889 mm x 406.5 mm)



**C14\*\*** Metal Insulated Curb  
35 in. x 35 in. x 14 in.  
(889 mm x 889 mm x 355.5 mm)



**C20\*\*** Metal Insulated Curb  
35 in. x 35 in. x 20 in.  
(889 mm x 889 mm x 508 mm)



\*\* Curbs designed for single-ply roofing, lightweight fill or tapered insulation low slope roof types.

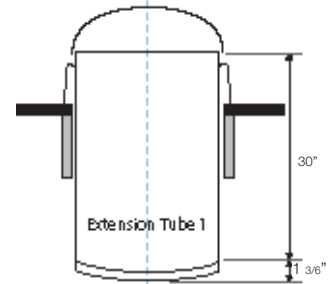
## Transfer Zone

### 5 Extension Tubes Required\*

Run measured from top of flashing to diffuser along centerline of tubing using 24 in. (610 mm) lengths.  
See 5a for optional 48 in. (1219 mm) length.

- E1** One Extension Tube – Max Run = 30 in. (762 mm)
- E2** Two Extension Tubes – Max Run = 53 in. (1346 mm)
- E3** Three Extension Tubes – Max Run = 76 in. (1930 mm)
- E4** Four Extension Tubes – Max Run = 99 in. (2514 mm)
- E5** Five Extension Tubes – Max Run = 122 in. (3099 mm)
- E6** Six Extension Tubes – Max Run = 145 in. (3683 mm)
- E7** Seven Extension Tubes – Max Run = 168 in. (4267 mm)
- E8** Eight Extension Tubes – Max Run = 191 in. (4851 mm)
- E9** Nine Extension Tubes – Max Run = 214 in. (5436 mm)

- E10** Ten Extension Tubes – Max Run = 237 in. (6020 mm)
- EXX** Total Run Length to be Determined by Bidding Contractor



### 5a Extension Tube Options (Leave blank if not desired)

\*At least one 24 in. (610 mm) or 48 in. (1219 mm) extension tube required for diffuser

- EL** Optional 48 in. (1219 mm) Extension Tube (Substitute one 48 in. (1219 mm) for two 24 in. (610 mm) above)
- R** Trim Ring
- TIP** Thermal Insulation Panel and Nominal 24 in. (610 mm) Extension Tube (2 x 12 in. (305 mm) transition tubes\*)

\*2 x 12 in. (305 mm) transition tubes replace 1 x 24 in. (610 mm) extension tube.



## Delivery Zone

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

- D1** 0-10v Daylight Dimmer and Nominal 24 in. (610 mm) Extension Tube (2 x 12 in. (305 mm) transition tubes\*)

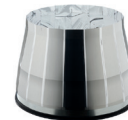
\*2 x 12 in. (305 mm) transition tubes replace 1 x 24 in. (610 mm) extension tube.

### 7 Bottom Assembly

- B** Base Unit



- A** Amplifier\*



\*The Amplifier mounts to the bottom extension tube, adding an additional 23.7 in. (602 mm) to the overall tube run.

### 8 Diffuser Lens

- L2** Prismatic Diffuser



### 9 Accessories (Optional, Order separately)

\*transformer for 0-10V Dimmer

- 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

**TR96** UL Listed Class 2 Transformer 24 VAC, Rated 96 VA

### 10 Measurement Standard

- M** Metric                      **I** Imperial

### Example

#### SM74DS-O-DPP-FC-E2-B-L2-M

Solatube® SkyVault Series M74DS-O (29 in./740 mm Daylighting System), Polycarbonate Outer Dome + PETG Inner Dome, Two Extension Tubes, Base Unit and Prismatic® Diffuser. For metric installations.