



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

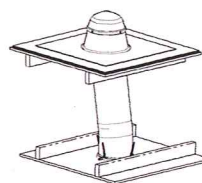
Project: _____ Location: _____ Type: _____

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

Model		Capture Zone		Transfer Zone		Delivery Zone							
S	1	6	0	D	S								
1		2	2a	3	3a	4	4a	5	5a	5b	6		

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

3 Flashings

FP 4-inch Pitched Metal,
Self Mounted



F4 4-inch Flat/No Pitch
Metal, Self Mounted



F6 6-inch Flat/No Pitch
Metal, Self Mounted



FPT Tile Roof, Pitched
Metal Flashing



FT Tile Roof, No Pitch
Metal Flashing



3a Flashing Options (Leave blank if not desired)

T2* Roof Flashing Turret Extension 2 in/50 mm

T4* Roof Flashing Turret Extension 4 in/100 mm

T12* Roof Flashing Turret Extension 12 in/300 mm

T24* Roof Flashing Turret Extension 24 in/600 mm

T36* Roof Flashing Turret Extension 36 in/900 mm

T48* Roof Flashing Turret Extension 48 in/1200 mm

FI Flashing Insulator

MR Metal Roof Installation Kit

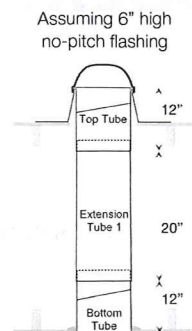
* Specify additional extension tubes in #4

Transfer Zone

4 Extension Tubes Required

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

- | | |
|--|--|
| E0 Base Kit, No Extension Tubes – Max Run = 16" | E7 Seven Extension Tubes – Max Run = 170" |
| E1 One Extension Tube – Max Run = 38" | E8 Eight Extension Tubes – Max Run = 192" |
| E2 Two Extension Tubes – Max Run = 60" | E9 Nine Extension Tubes – Max Run = 214" |
| E3 Three Extension Tubes – Max Run = 82" | E10 Ten Extension Tubes – Max Run = 236" |
| E4 Four Extension Tubes – Max Run = 104" | EXX Total Run Length to be Determined by Bidding Contractor |
| E5 Five Extension Tubes – Max Run = 126" | |
| E6 Six Extension Tubes – Max Run = 148" | |



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

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

Delivery Zone

5 Diffusers/Decorative Fixtures*

- | | | | | | | | |
|---|---|------------------------------------|---|--|--|--|---|
| L1 Classic OptiView® Diffuser |  | L4 Classic Vusion™ Diffuser |  | L9 JustFrost Decorative Fixture |  | L10 TierDrop Decorative Fixture |  |
| L11 OptiView® Decorative Fixture |  | | | | | | |

5a Effect Lenses

- | | |
|-------------------------------|---------------------------------|
| LN Natural Effect Lens | LS Softening Effect Lens |
|-------------------------------|---------------------------------|

5b Options (Leave blank if not desired)

- | | |
|--|---|
| CFL Compact Fluorescent Light Add-On Kit (One 26W CFL, 4 pin-Not Included) 120/277 V | D Daylight Dimmer™ |
| INC Universal Light Add-On Kit with Medium Screw Base (Accepts one 23W Maximum Fluorescent Lamp, Medium Base, Total Maximum Length 4 3/4"-Not Included) | VEN Ventilation Add-On Kit (110 V) |
| | RV Roof Vent Cap for Ventilation Kit |

6 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.
- CA** Two Conductor Low Voltage Cable (500 ft.)

Example

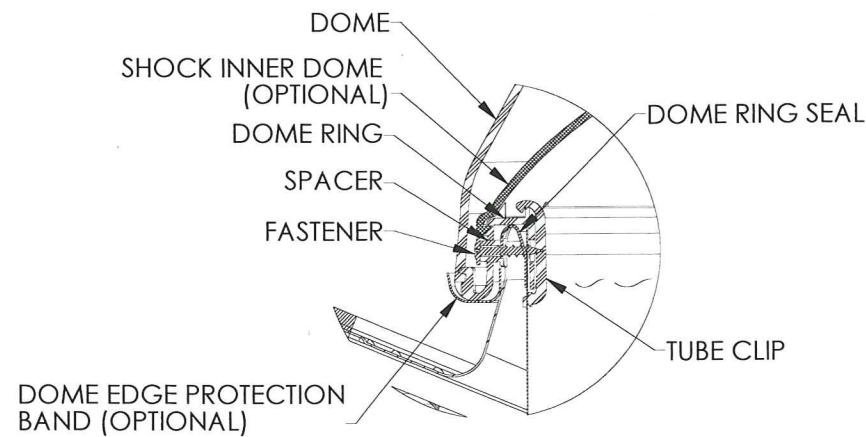
160DS-DA-F6-E3-L9 LN D INC-M

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

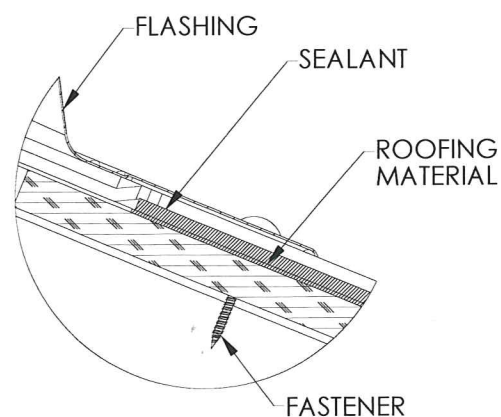




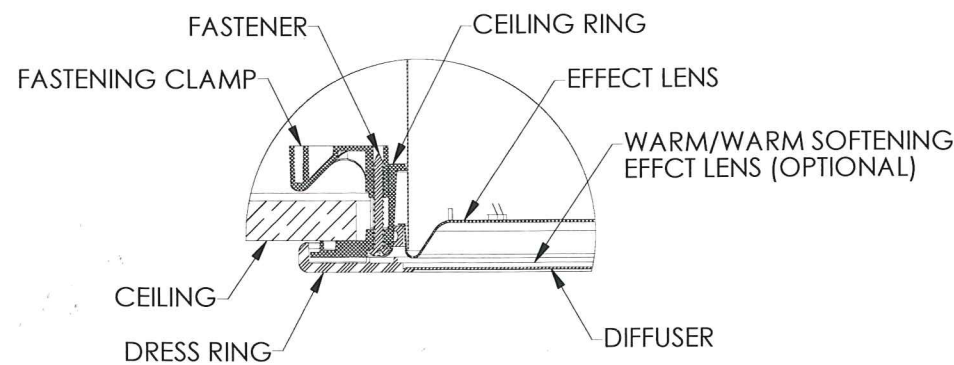
REVISIONS					
REV	ECO	DATE	REVISED	CHECKED	APPROVED
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DETAIL A
SCALE 3 : 1

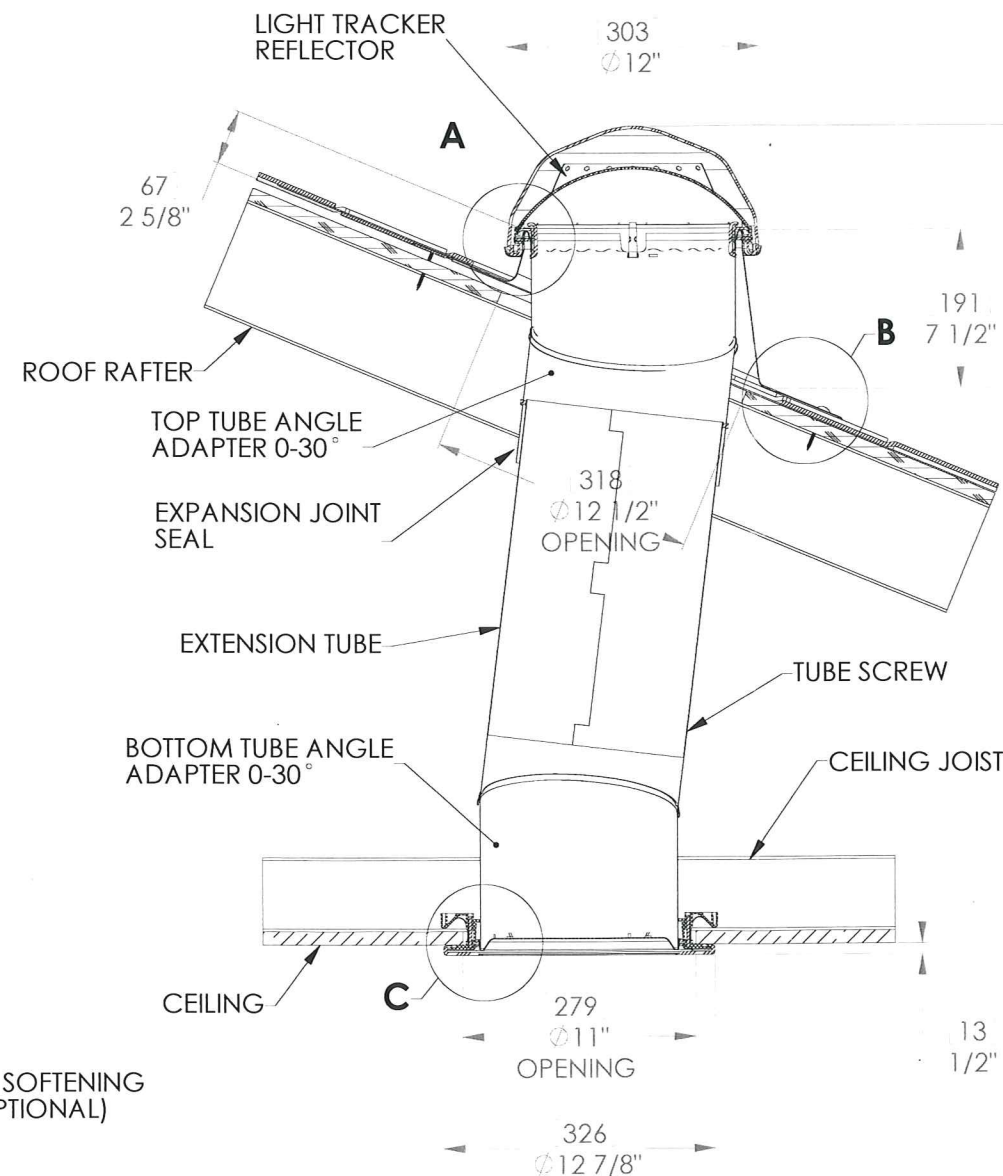


DETAIL B
SCALE 3 : 1

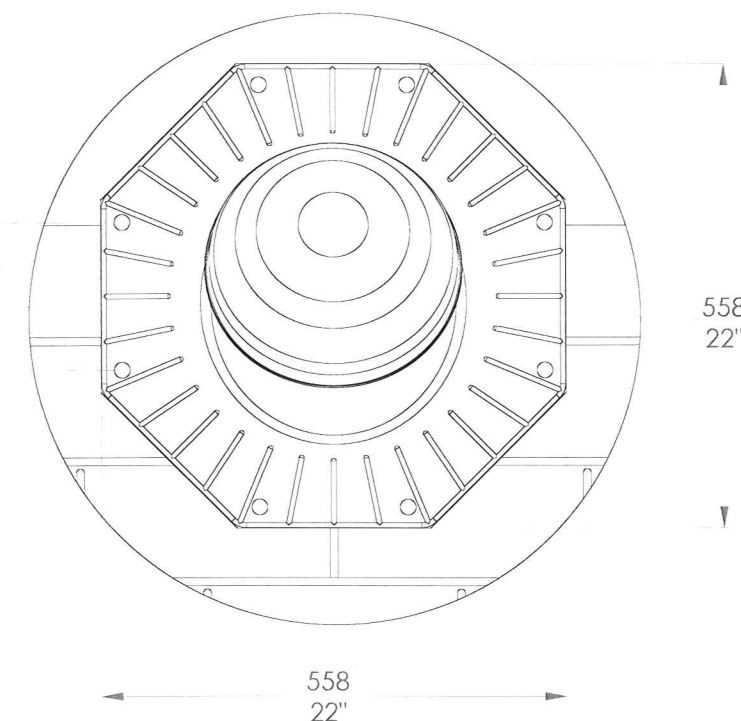
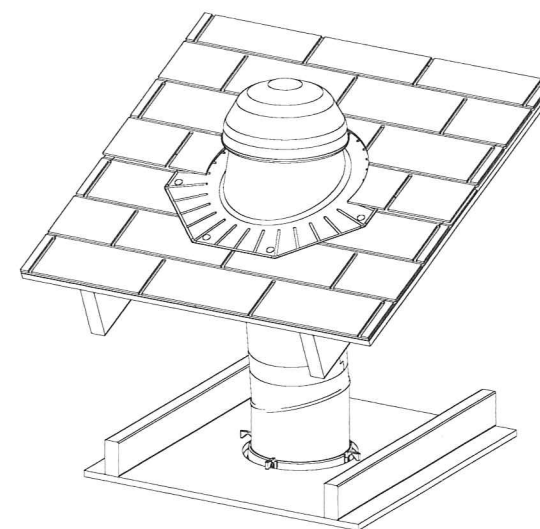


DETAIL C
SCALE 3 : 1

**SOLATUBE 160 DS
(10 IN / 250 MM)
PITCHED SELF-FLASHING
HARD CEILING**



**FULL SECTION
SCALE 1:1**



TOP VIEW

NOTES:

1. STRUCTURAL ELEMENTS (PLYWOOD, RAFTERS, DRYWALL ETC. BY OTHERS & SHOWN FOR REFERENCE ONLY).
2. ALL TUBE JOINTS & SEAMS TAPED WITH 2" FOIL TAPE (NOT SHOWN).
3. DIMENSIONS IN BRACKETS ARE METRIC UNLESS OTHERWISE SPECIFIED.
4. 6" MIN CLEARANCE SHOULD BE MAINTAINED FROM ALL SOLATUBE COMPONENTS AND OTHER PLENUM COMPONENTS.

UNLESS OTHERWISE SPECIFIED:
DIMENSION TOLERANCE

FRACTION : ± 1/4"

INCH
X ± .1

MILLIMETER
[X] ± 2.5

MATERIAL
--
FINISH
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DO NOT SCALE DRAWING

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TITLE:

**SOLATUBE 160 DS PITCHED
SELF-FLASHING HARD CEILING**

SIZE

DWG. NO.
WEB-160DS-SFP-HC

SCALE: 1:1

REV
A

SHEET 1 OF 1