

Project: _____ Location: _____ Type: _____

Product Specifications Appear in CSI Division 08, Section 08 62 23.

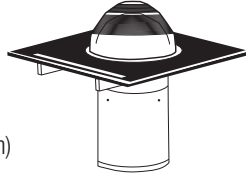
For budgeting and quotations use only. Qty:

S 7 5 0 D S - O - D A - FL - - E - L - -

1 2 3 4 5 6 7 8 9

1 Model

S750 DS-O = SolaMaster® Series
Solatube 750 DS-O Open Ceiling
(21 in/530 mm Daylighting System)



2 Standard Component

DA = Acrylic Dome A-512020/B5

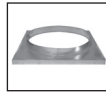
3 Inner Dome

DAI = Acrylic Inner Dome (Required for ENERGY STAR) A-510400/B5
DPI = Polycarbonate Inner Dome A-510500/B5
(Required for High Velocity Hurricane Zones)

4 Flashings



F08 = 100mm
Self Mounted
FL-201100/B5



FCM = Curb Cap
(Curb By Others)
FL-201130/B5



CT =
Concrete Tile
FL-330DS/T



MC =
Corrugated Kit
FL-330DS/MC



MUG =
Galvanized Soaker
FL-330DS/MUG



MUZ =
Zincalume Soaker
FL-330DS/MUZ

5 Top Tube and Angle Adapter Options

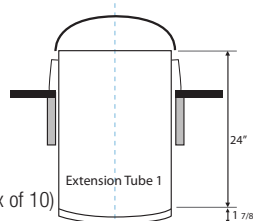
TA* = 400 mm Top Tube Angle Adapter T-300330
BA = 400 mm Bottom Tube Angle Adapter T-300340
(required or specify AK)
AK = 400 mm Top Tube Angle Adapter* and 400 mm Bottom Tube Angle Adapter T-300360

*At least one 600 mm extension tube required for diffuser

6 Extension Tubes Required

Run measured from top of flashing to bottom of diffuser along centerline of tubing. (Allow for 50 mm overlap)

- E01** = One Extension - Max Run = 600 mm
- E02** = Two Extension Tubes - Max Run = 1150 mm
- E03** = Three Extension Tubes - Max Run = 1700 mm
- E04** = Four Extension Tubes - Max Run = 2250 mm
- E05** = Five Extension Tubes - Max Run = 2800 mm
- E06** = Six Extension Tubes - Max Run = 3350 mm
- E07** = Seven Extension Tubes - Max Run = 3900 mm
- E08** = Eight Extension Tubes - Max Run = 4450 mm
- E09** = Nine Extension Tubes - Max Run = 5000 mm (Box of 10)
- E10** = Ten Extension Tubes - Max Run = 5550 mm
- EXX** = Total Run Length to be Determined by Bidding Contractor



T-300380/B10 (Box of 10) 600 mm long ea., cw Fastener Kits

7 Diffuser/Ceiling Assembly (Box of 10)



L1 = OptiView® Diffuser
DI-420210/B10



L2 = Prismatic Diffuser
DI-420200/B10

8 Options Leave blank if not desired.

Photos with descriptions are available in the product catalog at http://www.solatube.com.au/commercial/product_catalog.php

- A1** = One 0-90 Degree Ext. Tube Kit (Angle Adapter) T-300500
- A2** = Two 0-90 Degree Ext. Tube Kits (Angle Adapter)
- B** = Security Bar A-480000
- D** = Daylight Dimmer A-570003
- E** = Wire Suspension Kit (15m/50 ft) A-721040
- FI** = Flashing Insulator A-500320/B10
(Only available for Self Mounted Flashing)
- P** = PVC Boot (TBA) Verify Availability.
Special order requires 60-day lead time and order of 100 or more.
Material to be supplied by roofing contractor per Solatube Australia spec.
- PB** = Dome Edge Protection Band A-400675
- R** = Trim Ring SP-410120/B10
- SK** = Dome Security Kit A-700550
- T12*** = Roof Flashing Turret Extension 300 mm A-201150
- T24*** = Roof Flashing Turret Extension 600 mm A-201170
- T36*** = Roof Flashing Turret Extension 900 mm (TBA)
- T48*** = Roof Flashing Turret Extension 1200 mm (TBA)

*Specify additional extension tubes in #6

Accessories

Order separately. See accessories section of CSI 3-part spec.

- SW** = Low voltage switch (white) required to operate Solatube Daylight Dimmers (Type D only). A-570004
Note: Only one switch is required per set of synchronously controlled dimmers.
- CA** = Two Conductor Low Voltage Cable (150m) A-570036

SolaMaster® Series Material Specifications:

Roof Dome: Outer dome is UV and impact resistant for extended life. Injection molded acrylic classified as CC2 material, 0.125 in (3.2 mm) thick, with visible light transmission of 92% and ultra violet light transmission of 0.03%. Patented Raybender® 3000 Technology (variable prism optic molded into dome) to capture low angle sunlight and limit high angle sunlight.

Optional Inner Dome:

Injection Molded Acrylic: Classified as CC2 material, 0.115 in (3 mm).

Injection Molded Polycarbonate: Classified as CC1 material, 0.115 in (3 mm) thick to meet High Velocity Hurricane Zone requirements.

Dome Seal: Adhesive backed weatherstrip locks out dust and bugs, but allows moisture to escape.

Tube Ring: To prevent thermal bridging between base flashing and tubing and channel condensed moisture out of tubing. Injection molded high impact PVC.

Tube Ring Seal: Butyl glazing rope to minimize air infiltration.

Roof Flashing Base: One piece, seamless, leak-proof flashing functioning as base support for dome and top of tube.

Flashing Options: 4-in, 8-in 11-in high (100 mm, 200 mm, 280 mm) or curb cap with inside dimensions 27 in x 27 in (685 mm x 685 mm) to cover curb by others.

Reflective Tube: Aluminum sheet, thickness 0.018 in (0.5 mm)

0-30 Degree Angle Adapters: For ease of installation. The 21 in (530 mm) diameter tubes fit between 24 in (600 mm) on center framing.

Extension Tubes: 24 in (600 mm) in length. Optional 0-90 degree extension tube kit also available.

Spectralight® Infinity Material: Fabricated from aluminum sheet meeting ASTM B 209 requirements, alloy and temper required by the manufacturer to suit forming operations and finish requirements.

Interior Finish: Spectralight Infinity high reflectance specular finish on exposed reflective surface. Specular reflectance for visible spectrum (400 nm to 760 nm) greater than 99 percent. Total solar spectrum reflectance (400 nm to 2500 nm) less than 93 percent.

Color: a^* and b^* (defined by CIE $L^*a^*b^*$ color model) shall not exceed plus 2 or be less than minus 2 as determined in accordance to ASTM E 308.

Diffuser Assembly: Diffuser attached directly to bottom of 24 in (600 mm) extension tube. Diffuser trim ring injection molded acrylic (white). Open cell foam diffuser seal to minimize dust and bug infiltration.

Diffuser Options: OptiView® Diffuser or Prismatic Diffuser.

