

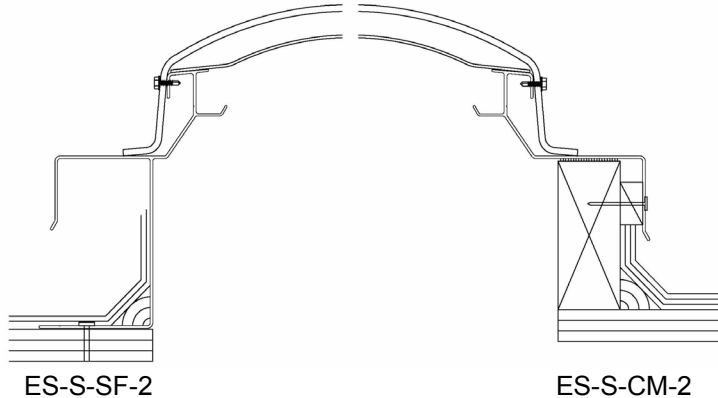


Fiberglass Dome

## Model ES-S

**Frame Material:** Aluminum  
**IECC 2015:** Meets with controls all climate zones  
**OSHA:** Meets CFR fall regulations  
**FM:** Passes 4431 2" severe hail test  
**AAMA:** WDMA/CSA 101/I.S.2/A440-08 & WDMA/CSA 101/I.S.2/A440-05

Details:



Specifications:

Energy Star Skylight shall be model No. \_\_\_\_\_ as manufactured by Bristolite Daylighting Systems, Santa Ana, CA. The fiberglass dome shall be an impact resistant molded one-piece unit with integral counter flashing skirt to eliminate any dependence on gaskets, sealants or flow through designs. The frame is to have an integral condensation channel to carry moisture to the exterior. Fiberglass shall consist of neopentyl glycol isophthalic gelcoat laminate with an acrylic modified polyester based resin with UV light stabilizers and silane glass fibers. These units are attached to a 6063 alloy extruded aluminum frame through use of corrosive resistant aluminum fasteners. The base frame shall be installed either on a 1-1/2" wide curb furnished by others or on its own 4", 9", or 12" high self flashing curb fabricated from aluminum with a 2-3/4" roof flange. Materials are to be self-extinguishing Approved Plastic CC-1 Rated.

Sizes:

Model Number	Inside Curb Dimension	Model Number	Inside Curb Dimension	Model Number	Inside Curb Dimension	Model Number	Inside Curb Dimension
4848-ES-S	48" x 48"			4896-ES-S	48" x 96"		
				6072-ES-S	60" x 72"		
				Call for additional sizes			

Solar Heat Gain Coefficient = .46, U Factor = .63, Visible Light Transmission = 63% (Typical for ESA double glazed units)

Features:

1. Curb Mounted (**CM**) or Self Flashing (**SF**)
2. Impact Resistant (**IR**) – Can withstand a heavy impact
3. High Wind Resistant (**HW**) – Can withstand high wind conditions
4. Energy Star Glazing (**ESA**)  
 Add highlighted suffixes to model number where applicable:  
 i.e. **4896-ES-S-CM-2-ESA-IR-HW-9-WP**

Options:

1. Insulating Double Domes (**2**) or Single Dome (**1**)
2. Polycarbonate Dome (**PC**) (inner dome only)
3. Impact Modified Prismatic Acrylic Glazing (**PRISM**)  
 Up to and including 4896 and 6072, no larger (inner dome only)
4. Frame Finish - Bronze Anodize (**BA**), Clear Anodize (**CA**), White Painted (**WP**) or Mill Finish (**MF**)
5. Self Flashing Bases of 9" or 12" (**9** or **12**)
6. Insulated Frame (**INS**)
7. Double Wall Frame (**DW**)
8. EPDM Curb Seal Tape (**CMT**)

Accessories: See PDS (Product Data Sheets) for these Items

1. Gladiator
  - a. Structural Curb (**SC**)
  - b. Security Grills (**SG**)
  - c. Safety Screens (**SSCRN**)
2. Quickkit (Installation Kits)
  - a. Stainless Steel (**QKSS**)
  - b. Zinc Plated (**QKZP**)