Tufflite Polycarbonate

Heavy Weather / High Security

Industrial Skylight Thermally Broken and (**Optional**) Security Grill

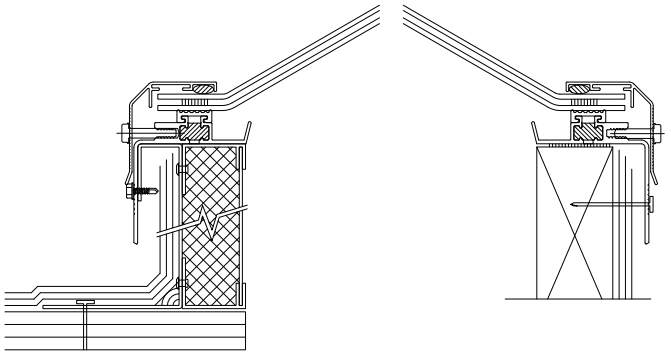
Model ALT

Frame Material
Aluminum

Bristolite polycarbonate glazing has been load tested and complies with OSHA – CFR's for fall protection.

Polycarbonate Pyramid Dome

Details (Scale: 3½":1'-0")



ALT-SF-2-P ALT-CM-2-P

Specifications

Tufflite Skylight shall be model No._____ as manufactured by Bristolite Daylighting Systems, Santa Ana, CA. Skylights shall be fully factory assembled consisting of a polycarbonate pyramid dome with a CC-1 classification that is sealed by interior and exterior gaskets to a 6063-T5 heliarc welded aluminum frame fabricated of aluminum and polyurethane thermal break material to prevent thermal losses through the frame and the formation of condensation on its interior surfaces. The frame is to have an integral condensation channel. The aluminum retaining cap fasteners are to be corrosive resistant. 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 with 1" of insulation in a PVC frame and an aluminum liner on the interior of the self flashing frame. Standard slope of a pyramid dome to be 30° rise.

Materials tested in conformance with FM 4431 including 2" severe hail test.

Sizes:

Model Number	Inside Curb Dimension	Model Number	Inside Curb Dimension	Model Number	Inside Curb Dimension	Model Number	Inside Curb Dimension
1414-ALT	14 1/4" x 14 1/4"	6060-ALT	60" x 60"	2246-ALT	22 1/4" x 46 1/4"		
1919-ALT	19" x 19"	7070-ALT	70 1/4" x 70 1/4"	2272-ALT	22 1/4" x 72"		
2222-ALT	22 1/4" x 22 1/4"	7575-ALT	75" x 75"	3046-ALT	30 1/4" x 46 1/4"		
3030-ALT	30 1/4" x 30 1/4"	8484-ALT	84" x 84"	3069-ALT	30 1/4" x 69 1/2"		
3737-ALT	37" x 37"	9292-ALT	92 1/2" x 92 1/2"	3746-ALT	37" x 46 1/4"		
4242-ALT	42" x 42"			4669-ALT	46 1/4" x 69 1/2"		
4646-ALT	46 1/4" x 46 1/4"			4896-ALT	48" x 96"		
4848-ALT	48" x 48"						
5555-ALT	55" x 55"						

Solar Heat Gain Coefficient = .54, U Factor = .55, Visible Light Transmission = 60% (Typical for WPC double glazed units)

Features:

1. Curb Mounted (CM) or Self Flashing (SF)
2. Polycarbonate Pyramid Outer Dome (P)
3. Three Polycarbonate Colors: Medium White Translucent (WPC), Bronze (BPC) or Clear (CPC)
4. Insulated Frame (INS) (self flashing models only)
5. Double Wall Frame (DW) (self flashing models only)

Add highlighted suffixes to model number where applicable:
i.e. 1414-ALT-CM-2-CPC-P-CA

Options:

1. Insulating Double Domes (2) or Single Dome (1)
2. Dome or Double Hip (DH) Shaped Dome (selected sizes)

Options: (cont.)

3. Frame Finish - Bronze Anodize (BA), Clear Anodize (CA), White Painted (WP) or Mill Finish (MF)
4. Self Flashing Bases of 9" or 12" (9 or 12)

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)

Bristolite® Daylighting Systems
harnessing sunlight for energy savings

401 E. Goetz Avenue
Santa Ana, CA 92707
sales@bristolite.com
www.bristolite.com

800.854.8618
714.540.8950
Fax 714.540.5415

U.S. GREEN BUILDING COUNCIL MEMBER