

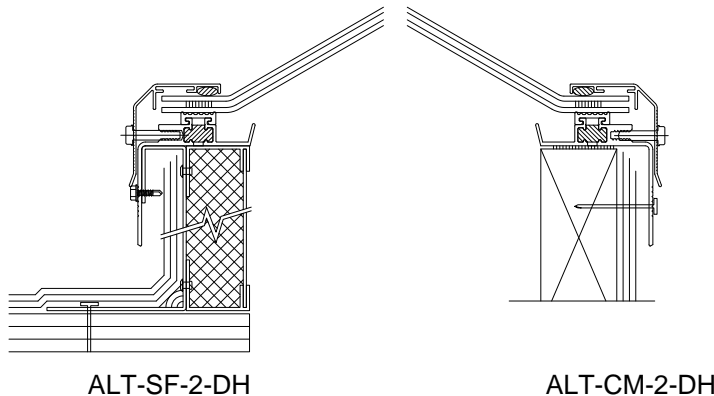
Industrial Skylight Thermally  
 Broken and (Optional)  
 Security Grill

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

**Polycarbonate Double Hip Dome**

Details (Scale: 3½":1'-0")

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 double hip dome with a CC-1 classification that is sealed by interior and exterior gaskets to a 6063-T5 heliarc welded aluminum frame. 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 double hip 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
2230-ALT	22 1/4" x 30 1/4"	3496-ALT	34" x 96"	48120-ALT	48" x 120"		
2237-ALT	22 1/4" x 37"	3696-ALT	36" x 96"	5460-ALT	54" x 60"		
2246-ALT	22 1/4" x 46 1/4"	36120-ALT	36" x 120"	6072-ALT	60" x 72"		
2272-ALT	22 1/4" x 72"	3746-ALT	37" x 46 1/4"	6096-ALT	60" x 96"		
2296-ALT	22 1/4" x 96"	3775-ALT	37" x 75"				
3037-ALT	30 1/4" x 37"	3859-ALT	38" x 59"				
3046-ALT	30 1/4" x 46 1/4"	4669-ALT	46 1/4" x 69 1/2"				
3069-ALT	30 1/4" x 69 1/2"	4689-ALT	46 1/4" x 89 1/2"				
3096-ALT	30 1/4" x 96"	4896-ALT	48" x 96"				

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 Double Hip Dome(s) (DH)
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. 2246-ALT-CM-2-BPC-DH-CA

**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)

**Options:**

1. Insulating Double Domes (2) or Single Dome (1)
2. Dome or Pyramid (P) Shaped Dome (selected sizes)