



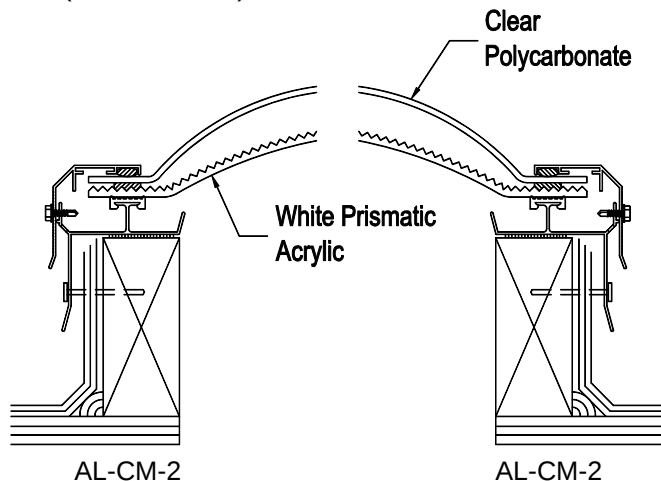
Polycarbonate/Prismatic Dome

Model AL

Frame Material
 Aluminum

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

Details (Scale: 3":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 an outer polycarbonate dome with a CC-1 classification and an inner plastic dome using prismatic material with a CC-2 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 to carry moisture to the exterior. 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.

Unit tested in conformance with:
Metro Dade County hurricane large missile impact test
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-AL	14 1/4" x 14 1/4"	6060-AL	60" x 60"	2448-AL	24 1/4" x 48"	3775-AL	37" x 75"
1919-AL	19" x 19"			2496-AL	24 1/4" x 96"	3859-AL	38" x 59"
2222-AL	22 1/4" x 22 1/4"	1422-AL	14 1/4" x 22 1/4"	3037-AL	30 1/4" x 37"	4669-AL	46 1/4" x 69 1/2"
3030-AL	30 1/4" x 30 1/4"	1446-AL	14 1/4" x 46 1/4"	3046-AL	30 1/4" x 46 1/4"	4689-AL	46 1/4" x 89 1/2"
3737-AL	37" x 37"	2230-AL	22 1/4" x 30 1/4"	3069-AL	30 1/4" x 69 1/2"	4884-AL	48" x 84"
4242-AL	42" x 42"	2237-AL	22 1/4" x 37"	3096-AL	30 1/4" x 96"	4896-AL	48" x 96"
4646-AL	46 1/4" x 46 1/4"	2246-AL	22 1/4" x 46 1/4"	3496-AL	34" x 96"	5460-AL	54" x 60"
4848-AL	48" x 48"	2272-AL	22 1/4" x 72"	3696-AL	36" x 96"	6072-AL	60" x 72"
5555-AL	55" x 55"	2296-AL	22 1/4" x 96"	3746-AL	37" x 46 1/4"		

Solar Heat Gain Coefficient = .54, U Factor = .55, Visible Light Transmission = 65% (Typical for CPC/WPM double glazed units)

Features:

1. Curb Mounted (**CM**)
 2. Clear Polycarbonate Outer Dome (**CPC**)
 3. White Prismatic Acrylic Inner Dome (**WPM**)
- Add highlighted suffixes to model number where applicable:
 i.e. **4896-AL-CM-2-CPC-WPM-MF**

Options:

1. Pyramid (**P**) or Double Hip (**DH**) Shaped Dome (selected sizes)
2. Low Profile Dome (selected sizes) (**LP**)
3. Frame Finish - Bronze Anodize (**BA**), Clear Anodize (**CA**), White Painted (**WP**) or Mill Finish (**MF**)

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**)