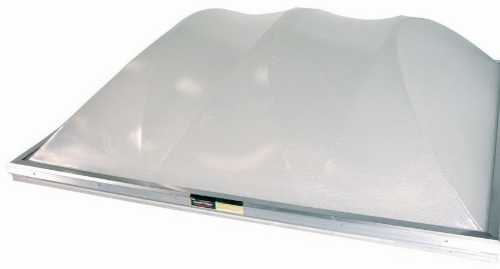


# Tufflite I

## Polycarbonate

Heavy Weather / High Security

Industrial Skylight

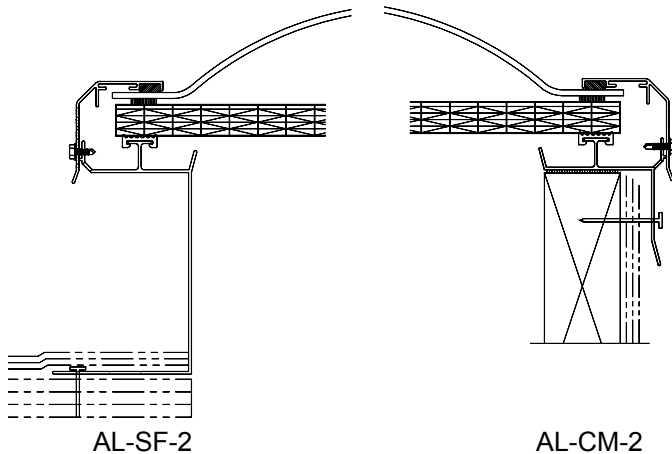


Polycarbonate Triarch

## Model AL

**Frame Material:** Aluminum  
**NFRC:** Certified  
**IECC 2015:** Meets without controls all climate zones  
**OSHA:** Meets CFR fall regulations  
**FM Global:** 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:

Tufflite I skylight shall be model No. \_\_\_\_\_ as manufactured by Bristolite Daylighting Systems, Santa Ana, CA. Skylights shall be fully factory assembled consisting of a polycarbonate dome with a CC-1 classification that is sealed by interior and exterior gaskets to a 6063-T5 heliarc welded aluminum frame plus a structural multiwall polycarbonate glazing panel. 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 skylight 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 nailing flange.

### 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"	2272-AL	22 1/4" x 72"	3746-AL	37" x 46 1/4"
1919-AL	19" x 19"	7070-AL	70 1/4" x 70 1/4"	2296-AL	22 1/4" x 96"	3775-AL	37" x 75"
2222-AL	22 1/4" x 22 1/4"	7575-AL	75" x 75"	2448-AL	24" x 48"	3859-AL	38" x 59"
3030-AL	30 1/4" x 30 1/4"			2496-AL	24" x 96"	4669-AL	46 1/4" x 69 1/2"
3737-AL	37" x 37"	1422-AL	14 1/4" x 22 1/4"	3037-AL	30 1/4" x 37"	4689-AL	46 1/4" x 89 1/2"
4242-AL	42" x 42"	1446-AL	14 1/4" x 46 1/4"	3046-AL	30 1/4" x 46 1/4"	4896-AL	48" x 96"
4646-AL	46 1/4" x 46 1/4"	2230-AL	22 1/4" x 30 1/4"	3069-AL	30 1/4" x 69 1/2"	5460-AL	54" x 60"
4848-AL	48" x 48"	2237-AL	22 1/4" x 37"	3096-AL	30 1/4" x 96"	6072-AL	60" x 72"
5555-AL	55" x 55"	2246-AL	22 1/4" x 46 1/4"	3496-AL	34" x 96"		Call for additional sizes

Solar Heat Gain Coefficient = .20, U Factor = .44, Visible Light Transmission = 58% (Typical for WPC double glazed units)

### Features:

- Curb Mounted (**CM**) or Self Flashing (**SF**)
- Three Polycarbonate Colors: Medium White Translucent (**WPC**), Bronze (**BPC**) or Clear (**CPC**)
- Two Inner Multiwall Panel Colors: Clear (**C**) or Opal (**O**)
- 16mm Inner Multiwall Panel (**16MM10**)  
Add highlighted suffixes to model number where applicable:  
i.e. **1414-AL-CM-2-WPC-C16MM10-MF**

### Options:

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

### Options: (cont.)

- Self Flashing Bases of 9" or 12" (**9** or **12**)
- EPDM Curb Seal Tape (**CMT**)

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

- Gladiator
  - Structural Curb (**SC**)
  - Security Grills (**SG**)
  - Safety Screens (**SSCRN**)
  - External Safety Cages (**SCAGE**)
- Quickkit (Installation Kits)
  - Stainless Steel (**QKSS**)
  - Zinc Plated (**QKZP**)