

# Coollite

## Solar Heat Blocker Acrylic



### Model AL

Residential Skylight



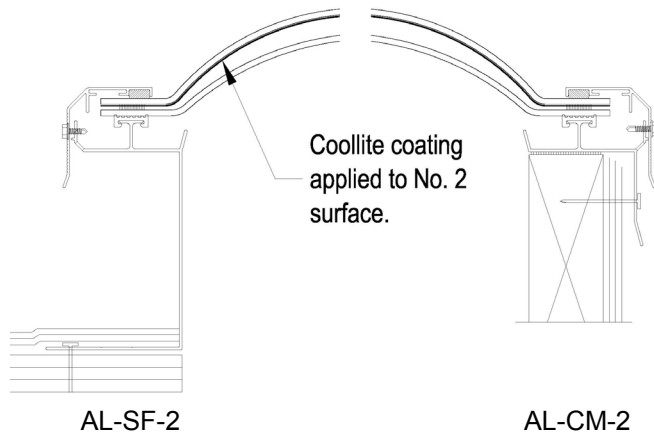
Inside View

**Frame Material**  
Aluminum

Meets the International Energy Conservation Code (IECC) and US National Energy Code

Acrylic/Polycarbonate Dome

Details (Scale: 3":1'-0")



Specifications

Coollite Skylight shall be model No. \_\_\_\_\_ as manufactured by Bristolite Daylighting Systems, Santa Ana, CA. The skylight shall be glazed with a plastic dome using acrylic material covered with a specially formulated infrared and ultraviolet light reflecting coating 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. Materials are Approved Plastic CC-2 Rated.

Sizes:

Model Number	Inside Curb Dimension	Model Number	Inside Curb Dimension	Model Number	Inside Curb Dimension	Model Number	Inside Curb Dimension
1919-AL	19" x 19"	7070-AL	70 1/4" x 70 1/4"	2448-AL	24 1/4" x 48"	3775-AL	37" x 75"
2222-AL	22 1/4" x 22 1/4"	7575-AL	75" x 75"	2496-AL	24 1/4" x 96"	3859-AL	38" x 59"
3030-AL	30 1/4" x 30 1/4"	8484-AL	84" x 84"	3037-AL	30 1/4" x 37"	4669-AL	46 1/4" x 69 1/2"
3737-AL	37" x 37"	9292-AL	92 1/2" x 92 1/2"	3046-AL	30 1/4" x 46 1/4"	4689-AL	46 1/4" x 89 1/2"
4242-AL	42" x 42"			3069-AL	30 1/4" x 69 1/2"	4884-AL	48" x 84"
4646-AL	46 1/4" x 46 1/4"	2237-AL	22 1/4" x 37"	3096-AL	30 1/4" x 96"	4896-AL	48" x 96"
4848-AL	48" x 48"	2246-AL	22 1/4" x 46 1/4"	3496-AL	34" x 96"	5460-AL	54" x 60"
5555-AL	55" x 55"	2272-AL	22 1/4" x 72"	3696-AL	36" x 96"	6072-AL	60" x 72"
6060-AL	60" x 60"	2296-AL	22 1/4" x 96"	3746-AL	37" x 46 1/4"	Call for additional sizes	

Solar Heat Gain Coefficient = .26, U Factor = .45, Visible Light Transmission = 54% (Typical for ACO double glazed units)

Features:

1. Curb Mounted (**CM**) or Self Flashing (**SF**)
2. Acrylic Coollite Color (**ACO**) or Polycarbonate Coollite Color (**PCO**)  
Add highlighted suffixes to model number where applicable:  
i.e. **4848-AL-CM-2-ACO-CC-MF**

Options:

1. Insulating Double Domes (**2**) or Single Dome (**1**)
2. Low Profile Dome (**LP**) (selected sizes)
3. Frame Finish - Bronze Anodize (**BA**), Clear Anodize (**CA**), White Painted (**WP**) or Mill Finish (**MF**)
4. Two Prismatic Color Choices (inner dome only): White Prismatic Acrylic (**WPM**) or Clear Prismatic Acrylic (**CPM**)
5. Self Flashing Bases of 9" or 12" (**9** or **12**)

Options: (cont.)

6. Insulated Frame (**INS**)
7. Double Wall Frame (**DW**)
8. Wood Nailor (**WN**)

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**)