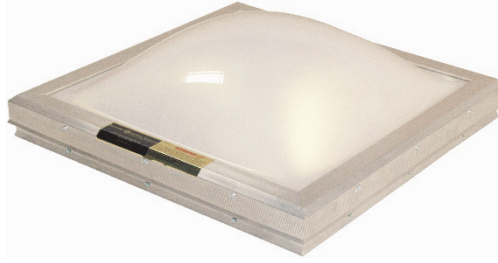


# Coollite I

## Solar Heat Blocker Acrylic

Industrial Skylight  
w/Thermal Barrier Break

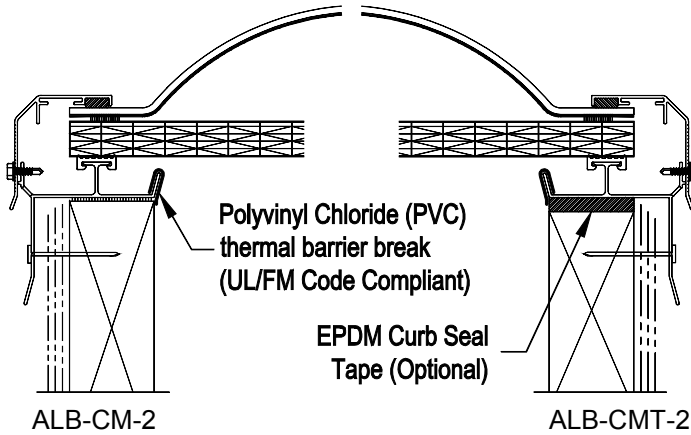


Acrylic Dome

## Model ALB

**Frame Material:** Aluminum  
**NFRC:** Certified  
**IECC 2015:** Meets without controls all climate zones  
**OSHA:** Meets CFR fall regulations  
**AAMA:** WDMA/CSA 101/I.S.2/A440-08 & WDMA/CSA 101/I.S.2/A440-05

### Details:



### Specifications:

Coollite I skylight shall be model No. \_\_\_\_\_ as manufactured by Bristolite Daylighting Systems, Santa Ana, CA. Skylights shall be fully factory assembled consisting of an acrylic dome coated with an infra-red and ultraviolet blocking technology that is sealed by interior and exterior gaskets to a 6063-T5 heliarc welded aluminum frame plus a structural multiwall polycarbonate panel and a polyvinyl chloride (PVC) thermal barrier break (UL/FM Code Compliant) to prevent thermal losses through the frame and the formation of condensation on its interior surfaces 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 on a 1-1/2" wide curb furnished by others. 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
1414-ALB	14 1/4" x 14 1/4"	6060-ALB	60" x 60"	2272-ALB	22 1/4" x 72"	3746-ALB	37" x 46 1/4"
1919-ALB	19" x 19"	7070-ALB	70 1/4" x 70 1/4"	2296-ALB	22 1/4" x 96"	3775-ALB	37" x 75"
2222-ALB	22 1/4" x 22 1/4"	7575-ALB	75" x 75"	2448-ALB	24" x 48"	3859-ALB	38" x 59"
3030-ALB	30 1/4" x 30 1/4"			2496-ALB	24" x 96"	4669-ALB	46 1/4" x 69 1/2"
3737-ALB	37" x 37"	1422-ALB	14 1/4" x 22 1/4"	3037-ALB	30 1/4" x 37"	4689-ALB	46 1/4" x 89 1/2"
4242-ALB	42" x 42"	1446-ALB	14 1/4" x 46 1/4"	3046-ALB	30 1/4" x 46 1/4"	4896-ALB	48" x 96"
4646-ALB	46 1/4" x 46 1/4"	2230-ALB	22 1/4" x 30 1/4"	3069-ALB	30 1/4" x 69 1/2"	5460-ALB	54" x 60"
4848-ALB	48" x 48"	2237-ALB	22 1/4" x 37"	3096-ALB	30 1/4" x 96"	6072-ALB	60" x 72"
5555-ALB	55" x 55"	2246-ALB	22 1/4" x 46 1/4"	3496-ALB	34" x 96"		Call for additional sizes

Solar Heat Gain Coefficient = .20, U Factor = .45, Visible Light Transmission = 50% (Typical for ACO double glazed units)

### Features:

1. Curb Mounted (**CM**)
2. Acrylic Coollite Color (**ACO**)
3. Two Inner Multiwall Panel Colors: Clear (**C**) or Opal (**O**)
4. 16mm Inner Multiwall Panel (**16MM10**)  
Add highlighted suffixes to model number where applicable: i.e.  
**4848-ALB-CM-2-ACO-C16MM10-MF**

### Options:

1. Insulating Double Domes (**2**)
2. Low Profile Dome (**LP**) (selected sizes)
3. Frame Finish - Bronze Anodize (**BA**), Clear Anodize (**CA**), White Painted (**WP**) or Mill Finish (**MF**)
4. EPDM Curb Seal Tape (**CMT**)

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

1. Gladiator
  - a. Structural Curbs (**SC**)
  - b. Security Grills (**SG**)
  - c. Safety Screens (**SSCRN**)
  - d. External Safety Cages (**SCAGE**)
2. Quickkit (Installation Kits)
  - a. Stainless Steel (**QKSS**)
  - b. Zinc Plated (**QKZP**)