

Coollite

Solar Heat Blocker Acrylic

Industrial Skylight
w/Thermal Barrier Break



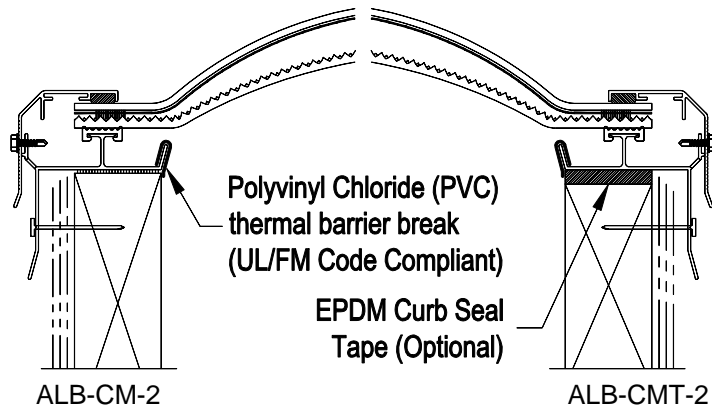
Acrylic Dome



Model ALB

Frame Material: Aluminum
NFRC: Certified
IECC 2015: Meets without controls climate zone 1, meets with controls climate zones 2-8
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 skylight shall be model No. _____ as manufactured by Bristolite Daylighting Systems, Santa Ana, CA. Skylights shall be fully factory assembled consisting of prismatic material and an acrylic glazing covered with a specially formulated infrared and ultraviolet light reflecting coating with a CC-2 classification that is sealed by interior and exterior gaskets to a 6063-T5 heliarc welded aluminum frame fabricated of aluminum with 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. 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.

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"	3496-ALB	34" x 96"	4884-ALB	48" x 84"
1919-ALB	19" x 19"			3696-ALB	36" x 96"	4896-ALB	48" x 96"
2222-ALB	22 1/4" x 22 1/4"	2296-ALB	22 1/4" x 96"	36120-ALB	36" x 120"	48120-ALB	48" x 120"
3030-ALB	30 1/4" x 30 1/4"	2448-ALB	24" x 48"	3746-ALB	37" x 46 1/4"	5460-ALB	54" x 60"
3737-ALB	37" x 37"	2496-ALB	24" x 96"	3775-ALB	37" x 75"	6072-ALB	60" x 72"
4242-ALB	42" x 42"	3037-ALB	30 1/4" x 37"	3859-ALB	38" x 59"	6084-ALB	60" x 84"
4646-ALB	46 1/4" x 46 1/4"	3046-ALB	30 1/4" x 46 1/4"	4669-ALB	46 1/4" x 69 1/2"	6096-ALB	60" x 96"
4848-ALB	48" x 48"	3069-ALB	30 1/4" x 69 1/2"	4689-ALB	46 1/4" x 89 1/2"	60120-ALB	60" x 120"
5555-ALB	55" x 55"	3096-ALB	30 1/4" x 96"	4872-ALB	48" x 72"		Call for additional sizes

Solar Heat Gain Coefficient = .26, U Factor = .71, Visible Light Transmission = 54% (Typical for ACO/CPM double glazed units)

Features:

1. Curb Mounted (**CM**)
2. Clear Acrylic Dome with Infra-Red & Ultraviolet Blocking Technology (**ACO**)
3. Two Prismatic Color Choices (inner dome only): White Prismatic Acrylic (**WPM**) or Clear Prismatic Acrylic (**CPM**)
Add highlighted suffixes to model number where applicable:
i.e. **4848-ALB-CMT-2-ACO-CPM-CA-SSCRN**

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. EPDM Curb Seal Tape (**CMT**)

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

1. Gladiator
 - a. Structural Curb (**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**)