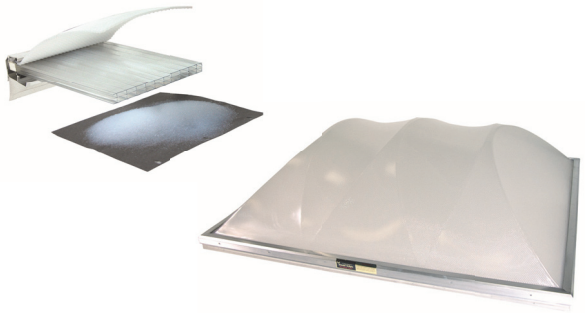
Nano Insulgel

Super Insulating Silica Aerogel

Industrial Skylight w/Thermal Barrier Break and (**Optional**) Security Grill

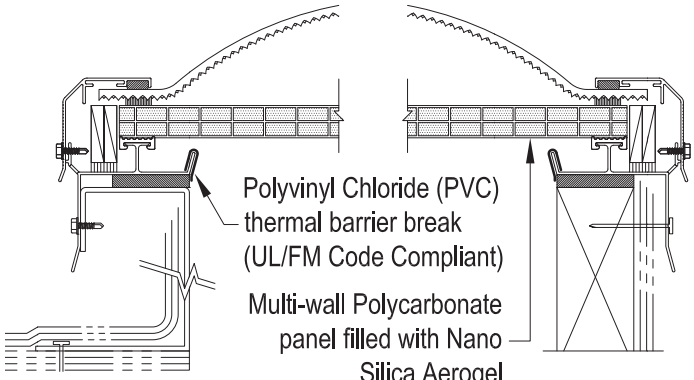


Prismatic Triarch

Model ALB

Frame Material
Aluminum

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



ALB-SF-2 ALB-CM-2

Specifications

Nano Insulgel Skylight shall be model No._____ as manufactured by Bristolite Daylighting Systems, Santa Ana, CA. The skylight shall be glazed with a plastic dome using prismatic material plus a structural polycarbonate panel filled with nano silica aerogel. The frame is a fabricated 6063-T5 heliarc welded aluminum frame 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. 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
1414-ALB	14 1/4" x 14 1/4"	6060-ALB	60" x 60"	2448-ALB	24 1/4" x 48"	3775-ALB	37" x 75"
1919-ALB	19" x 19"			2496-ALB	24 1/4" x 96"	3859-ALB	38" x 59"
2222-ALB	22 1/4" x 22 1/4"	1422-ALB	14 1/4" x 22 1/4"	3037-ALB	30 1/4" x 37"	4669-ALB	46 1/4" x 69 1/2"
3030-ALB	30 1/4" x 30 1/4"	1446-ALB	14 1/4" x 46 1/4"	3046-ALB	30 1/4" x 46 1/4"	4689-ALB	46 1/4" x 89 1/2"
3737-ALB	37" x 37"	2230-ALB	22 1/4" x 30 1/4"	3069-ALB	30 1/4" x 69 1/2"	4884-ALB	48" x 84"
4242-ALB	42" x 42"	2237-ALB	22 1/4" x 37"	3096-ALB	30 1/4" x 96"	4896-ALB	48" x 96"
4646-ALB	46 1/4" x 46 1/4"	2246-ALB	22 1/4" x 46 1/4"	3496-ALB	34" x 96"	5460-ALB	54" x 60"
4848-ALB	48" x 48"	2272-ALB	22 1/4" x 72"	3696-ALB	36" x 96"	6072-ALB	60" x 72"
5555-ALB	55" x 55"	2296-ALB	22 1/4" x 96"	3746-ALB	37" x 46 1/4"	Call for additional sizes	

Solar Heat Gain Coefficient = .42, U Factor = .20, Visible Light Transmission = 48% (Typical for CLR 16mm Nano double glazed units)

Features:

1. Curb Mounted (**CM**) or Self Flashing (**SF**)
2. Two Prismatic Color Choices: White Prismatic Acrylic (**WPM**) or Clear Prismatic Acrylic (**CPM**)
   Add highlighted suffixes to model number where applicable:
   i.e. **3030-ALB-CM-2-CPM-16mm-NANO-WP**

Options:

1. Insulating Double Domes (**2**)
2. Pyramid (**P**) or Double Hip (**DH**) Shaped Dome (selected sizes)
3. Low Profile Dome (selected sizes) (**LP**)
4. Frame Finish - Bronze Anodize (**BA**), Clear Anodize (**CA**), White Painted (**WP**) or Mill Finish (**MF**)
5. Self Flashing Bases of 9" or 12" (**9** or **12**)

Options: (cont.)

6. Nano Insugel Panel Thickness: **10mm**, **16mm**, **20mm** & **25mm**
7. Insulated Frame (**INS**)
8. Double Wall Frame (**DW**)

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**)

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