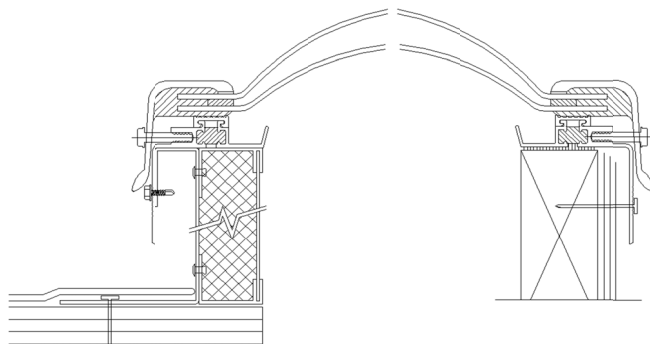




Acrylic Dome

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



AST-SF-2

AST-CM-2

Specifications

Thermoweld Skylight shall be model No. _____ as manufactured by Bristolite Daylighting Systems, Santa Ana, CA. Skylights shall be fully factory assembled consisting of acrylic glazing with a CC-2 classification that shall be fused to its own counter flashing fiberglass skirt through the Thermoweld process which, in turn is attached to a thermally broken aluminum frame. 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 6063-T5 aluminum with a 2-3/4" roof flange and a built in water barrier and 10° sloping weepage gutter for condensation drainage.

Sizes:

Model Number	Inside Curb Dimension	Model Number	Inside Curb Dimension	Model Number	Inside Curb Dimension	Model Number	Inside Curb Dimension
1414-AST	14 1/4" x 14 1/4"	7070-AST	70 1/4" x 70 1/4"	2246-AST	22 1/4" x 46 1/4"	3775-AST	37" x 75"
1919-AST	19" x 19"	7575-AST	75" x 75"	2272-AST	22 1/4" x 72"	3859-AST	38" x 59"
2222-AST	22 1/4" x 22 1/4"	8484-AST	84" x 84"	2296-AST	22 1/4" x 96"	4669-AST	46 1/4" x 69 1/2"
3030-AST	30 1/4" x 30 1/4"	9292-AST	92 1/2" x 92 1/2"	3037-AST	30 1/4" x 37"	4689-AST	46 1/4" x 89 1/2"
3737-AST	37" x 37"			3046-AST	30 1/4" x 46 1/4"	4896-AST	48" x 96"
4242-AST	42" x 42"	1422-AST	14 1/4" x 22 1/4"	3069-AST	30 1/4" x 69 1/2"	5460-AST	54" x 60"
4646-AST	46 1/4" x 46 1/4"	1446-AST	14 1/4" x 46 1/4"	3096-AST	30 1/4" x 96"	6096-AST*	60" x 96"
4848-AST	48" x 48"	2230-AST	22 1/4" x 30 1/4"	3496-AST	34" x 96"		
5555-AST	55" x 55"	2237-AST	22 1/4" x 37"	3746-AST	37" x 46 1/4"		

*Sizes are *only* available in the following acrylic colors: WTM or BT.

Solar Heat Gain Coefficient = .50, U Factor = .56, Visible Light Transmission = 53% (Typical for WTM double glazed units)

Features:

1. Curb Mounted (**CM**) or Self Flashing (**SF**)
2. Four Acrylic Color Choices: Medium White (**WTM**), Bronze (**BT**), Grey (**GT**) or Clear (**CC**)
3. Standard Bronze Color Fiberglass Frame Finish
Add highlighted suffixes to model number where applicable:
i.e. **4848-AST-CM-2-WTM-P-WP**

Options:

1. Insulating Double Domes (**2**) or Single Dome (**1**)
2. Pyramid (**P**) or Double Hip (**DH**) Shaped Dome (selected sizes)
3. Polycarbonate Dome (**PC**) (inner dome only)
4. Low Profile Dome (**LP**) (selected sizes)

Options: (cont.)

5. Impact Modified Prismatic Acrylic Glazing (**WPM/CPM**) (inner dome only) Up to and including 4896 and 6072, no larger
6. Base Frame Finish (self flashing only) – Bronze Anodize (**BA**), Clear Anodize (**CA**), White Painted (**WP**) or Mill Finish (**MF**)
7. Fiberglass Frame Finish – White Gel (**WGEL**)
8. Self Flashing Bases of 9" or 12" (**9** or **12**)
9. Insulated Frame (**INS**)

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

1. Quickkit (Installation Kits)
 - a. Stainless Steel (**QKSS**)
 - b. Zinc Plated (**QKZP**)