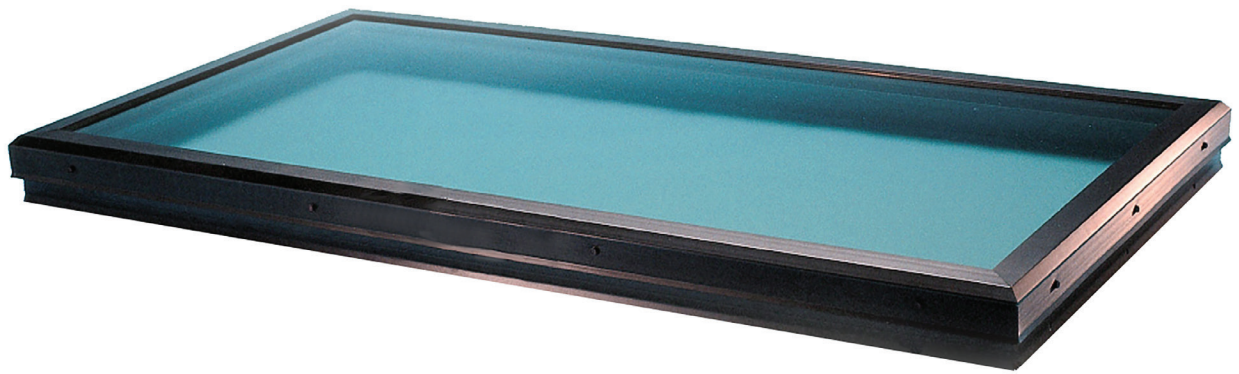




Series 2200 Skylight

Product Data Sheet

Residential Skylight



Application

Skylights shall be fully factory assembled consisting of glass (see below) that is sealed by interior and exterior gasketing to a frame fabricated from 6063-T5 heliarc welded aluminum which has an integral condensate channel to carry moisture to the exterior. Skylights can come with option of 2 glass panels divided by a central aluminum mullion. The aluminum retaining cap fasteners are to be corrosion resistant. A polyurethane thermal break material is utilized in the thermally broken curb frame to prevent thermal losses through the frame and the formation of condensation on its interior surfaces. The base frame shall be installed on a 1-1/2" wide curb furnished by others. The thermally broken self flashing frame is fabricated from aluminum with a 2-3/4" roof nailing flange and 1" of insulation inside a PVC frame with a white aluminum liner on the interior.

Dimensions

Dimensions

Model Size	Inside Curb Dimensions	Outside Curb Dimensions	Model Size	Inside Curb Dimensions	Outside Curb Dimensions
1414	14 1/4" x 14 1/4"	17 1/4" x 17 1/4"	1422	14 1/4" x 22 1/4"	17 1/4" x 25 1/4"
1919	19" x 19"	22" x 22"	1446	14 1/4" x 46 1/4"	17 1/4" x 49 1/4"
2222	22 1/4" x 22 1/4"	25 1/4" x 25 1/4"	2230	22 1/4" x 30 1/4"	25 1/4" x 33 1/4"
3030	30 1/4" x 30 1/4"	33 1/4" x 33 1/4"	2237	22 1/4" x 37"	25 1/4" x 40"
3636	36" x 36"	39" x 39"	2246	22 1/4" x 46 1/4"	25 1/4" x 49 1/4"
3737	37" x 37"	40" x 40"	2272	22 1/4" x 72"	25 1/4" x 75"
4242	42" x 42"	45" x 45"	2296	22 1/4" x 96"	25 1/4" x 99"
4646	46 1/4" x 46 1/4"	49 1/4" x 49 1/4"	2448	24" x 48"	27" x 51"
4848	48" x 48"	51" x 51"	2496	24" x 96"	27" x 99"
			3037	30 1/4" x 37"	33 1/4" x 40"
			3046	30 1/4" x 46 1/4"	33 1/4" x 49 1/4"
			3069	30 1/4" x 69 1/2"	33 1/4" x 72 1/2"
			3096	30 1/4" x 96"	33 1/4" x 96"
			3746	37" x 46 1/4"	40" x 49 1/4"
			3775	37" x 75"	40" x 78"
			3859	38" x 59"	41" x 62"

Minimum pitch of 3:12 is required for all flat glass models.

Technical Specifications

Example Model Number
4242-GAL-CM-I-TB-LC-LE-BA

Features

- 1. Extruded 6063-T5 aluminum frame
- 2. Curb mounted (CM) or Self flashing (SF) (GALT model only)
- 3. Glass glazing
- 4. Insulated base frame (Self flashing models only)
- 5. Double wall base frame construction (Self flashing models only)
- 6. Santoprene thermoplastic gaskets
- 7. Black butyl retainer cap sealant
- 8. Polyurethane glazing sealants

Skylight Options

- 1. EPDM curb seal tape (T)
- 2. Standard glazing options:
 - a. Bronze (TB)
 - b. Clear (TC)
 - c. Grey (TG)
 - d. White (TW)
- 3. Bronze anodized (BA), Clear anodized (CA) or Mill finish (MF) are as standard (Custom, or specialized paint available upon request)
- 4. Low-E glass (LE)
- 5. White laminated glass (LW)

Self Flashing Curb

- 1. Curb height
 - a. 4"
- *Please contact us for addiitonal options

Light Transmittance & Thermal Properties*

Glass Type	Exterior Appearance	VLT	SHGC	U-Factor
Clear	Clear	80%	0.82	0.49
Clear Low-E	Reflective	76%	0.67	0.27
White	Milky	68%	0.53	0.47
White Low-E	Milky	65%	0.48	0.30
Bronze	Tinted	46%	0.44	0.47
Bronze Low-E	Tinted	45%	0.38	0.29
Grey	Tinted	43%	0.44	0.47
Grey Low-E	Tinted	37%	0.28	0.27

*Values are estimated and may vary slightly depending on unit size and specification.

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