



Series 2200 Manually Openable Skylight Product Data Sheet

Manual Openable Residential Skylight



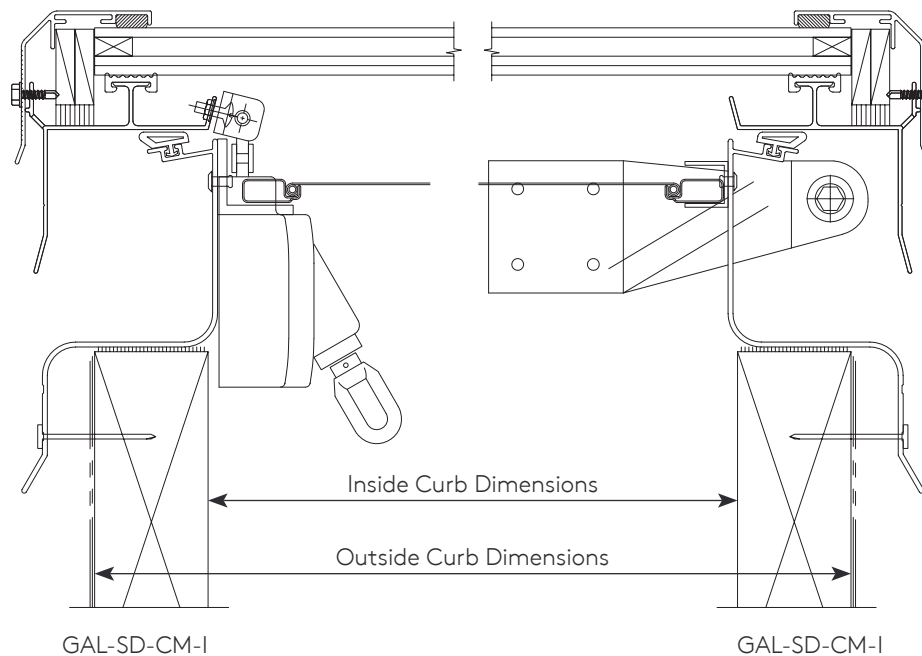
Application

Skylights shall be fully factory assembled consisting of glass (see below) that is sealed by interior and exterior gasketing to an openable frame fabricated from 6063-T5 heliarc welded aluminum which has an integral condensate channel to carry moisture to the exterior. The aluminum retaining cap fasteners are to be corrosive resistant. The openable frame is attached to the base frame with a pivot hinge. The openable frame is lifted by a lifting mechanism with a removable 5' handle. The base frame shall be 6063-T5 heliarc welded aluminum. All units have insect screens and full perimeter gasketing around the base. The base frame shall be installed either on a 1-1/2" wide curb furnished by others.

Dimensions

Model Size	Inside Curb Dimensions	Outside Curb Dimensions	Model Size	Inside Curb Dimensions	Outside Curb Dimensions
1919	19" x 19"	22" x 22"	1422	14 1/4" x 22 1/4"	17 1/4" x 25 1/4"
2222	22 1/4" x 22 1/4"	25 1/4" x 25 1/4"	1446	14 1/4" x 46 1/4"	17 1/4" x 49 1/4"
3030	30 1/4" x 30 1/4"	33 1/4" x 33 1/4"	2230	22 1/4" x 30 1/4"	25 1/4" x 33 1/4"
3636	36" x 36"	39" x 39"	2237	22 1/4" x 37"	25 1/4" x 40"
3737	37" x 37"	40" x 40"	2246	22 1/4" x 46 1/4"	25 1/4" x 49 1/4"
4242	42" x 42"	45" x 45"	2272	22 1/4" x 72"	25 1/4" x 75"
4646*	46 1/4" x 46 1/4"	49 1/4" x 49 1/4"	3037	30 1/4" x 37"	33 1/4" x 40"
4848*	48" x 48"	51" x 51"	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"
			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"
			7222*	72" x 22 1/4"	75" x 25 1/4"
			9622*	96" x 22 1/4"	99" x 25 1/4"

Dual lifting mechanisms are required. Larger rectangles when hinged on the long side (i.e. 4669=6946) will also require dual lifting mechanisms. Minimum pitch of 3:12 is required for all flat glass models.



Technical Specifications

Example Model Number
2272-GAL-SD-CM-I-TG-LC-CA-H-32

Features

- 1. Extruded 6063-T5 aluminum frame
- 2. Curb mounted (CM)
- 3. Glass glazing
- 4. Santoprene thermoplastic gaskets
- 5. Black butyl retainer cap sealant
- 6. Polyurethane glazing sealants
- 7. 5' Operating pole

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), as standard (*Custom, or specialized paint available upon request*)
- 4. Low-E glass (LE)
- 5. White laminated glass (LW)
- 6. 32" Extension for the 5' operating pole (H-32)
- 7. Units hinged on short side as standard. Long side by request

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 may vary slightly depending on unit size and specification*

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