

ALUMINUM-WELDED SKYLIGHTS



SunWeld™ Aluminum-Welded Skylights offer the versatility and dependability required of the Carlisle brand and represent the quality standard for industrial daylighting. These skylights reap the energy-saving benefits derived from skylights and natural daylighting, while offering a full custom-sized program with a broad spectrum of glazing options. Additional features include:

- Heliarc Welded 6063-T5 Extruded Heavy Wall Aluminum Frames
- Many Non-Plastic Glazing Options Including LOW-E Insulated Glass
- Several Venting Options and Egress Hardware Available
- Weep Holes and Polyurethane Thermal Break Provided as Specified
- Several Fall Protection Options
- Welded Aluminum Insulated Curbs 9" or 12"

Curb Mount – Fixed

Manufactured to fit onto an existing curb, curb mount units are used to replace existing skylight hatches that are defective or in a state of glazing failure. Curb mount units can also be specified when the contractor prefers to field-fabricate his own curb, flash it into the roofing system, and then install a curb mount skylight onto it.

Curb Mount – Vented

Vented curb mounts provide the same benefits as the fixed curb mounts with an additional venting option, and can be operated manually or by motorization. If access to the rooftop through the skylight is required, egress hardware will be specified to allow the unit to swing like a door and, after the screen is removed, allow occupant access to the rooftop.

Self-Flashing Skylights – Fixed and Vented

These units are factory assembled onto a fully welded curb that is insulated with 1" rigid insulation, and can be manufactured fixed or with several venting options. The 3" mounting flange allows for easy fastening to the deck.

Other Models and Options Available:

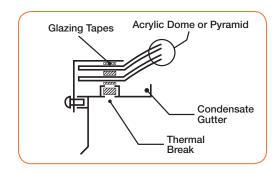
Ridge lights, tandems, barrel vaults and tandems, among other items, are also available, along with additional glazing options, shapes and finishes. Call Carlisle Customer Service for a quote.



ALUMINUM-WELDED SKYLIGHTS SPECIFICATIONS

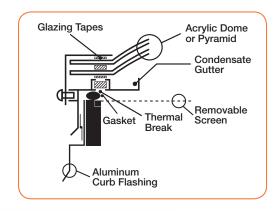
Curb Mount – Fixed

Curb-mounted acrylic-domed skylights must be Carlisle Model CMA and be the specified shape. Factory-assembled units will consist of one or two acrylic domes held in place by a 6063-T5 extruded aluminum retaining angle and resting on an extruded aluminum inner frame. The assembly must have an integral condensate gutter with weep holes and polyurethane thermal break available as specified.



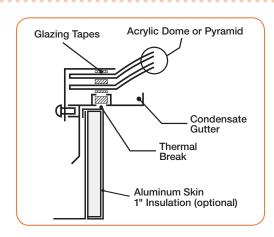
Curb Mount – Vented

Vented curb-mounted acrylic dome skylights must comply with the above specifications but will be Carlisle Model V-CMA with the addition of a skylight operator with adapter for telescoping pole operation and egress pin, which, when removed, allows for full opening. This unit also includes a removable, factory-installed insect screen.



Self-Flashing Skylights – Fixed/Vented

Self-flashing acrylic-domed skylight must be Carlisle Models SFA or V-SFA (vented) and have same specifications as the Curb Mount model with units factory-mounted onto a fully welded dual-wall insulated curb. Curb height must be 9" (standard) or 12" as specified and contain 1"-thick rigid foam insulation. These units have a 3"-wide mounting flange around the perimeter of the curb. The V-SFA model includes an operator for telescoping pole operation and egress pin, which, when removed, allows for full opening.



SunWeld Aluminum-Welded Skylight Options	
Size	Aluminum-Welded skylights are made to your specifications.
Glazing Options	Acrylic or polycarbonate: clear, white, bronze. Insulated glass: clear, low-e, bronze.
Painted Exterior Options	Quaker bronze or white. Custom paint and colors available by quote.
Pyramid Dome Options	Add PA for Pyramid Acrylic and PP for Pyramid Polycarbonate.



