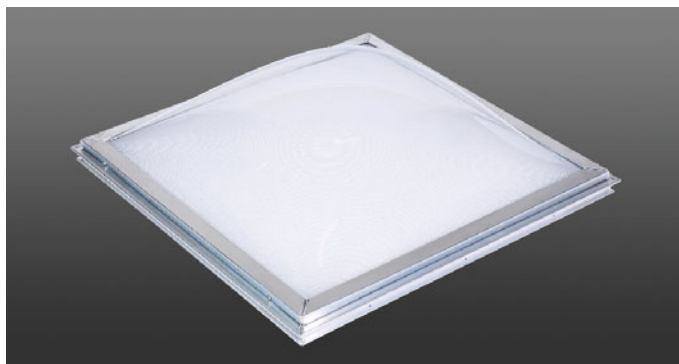
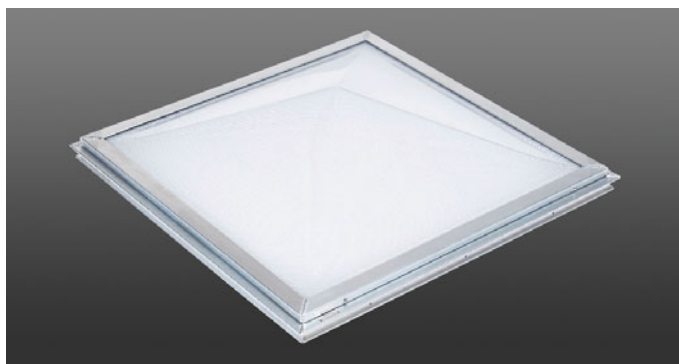


SunWeld™ Plus by VELUX Conventional Skylight

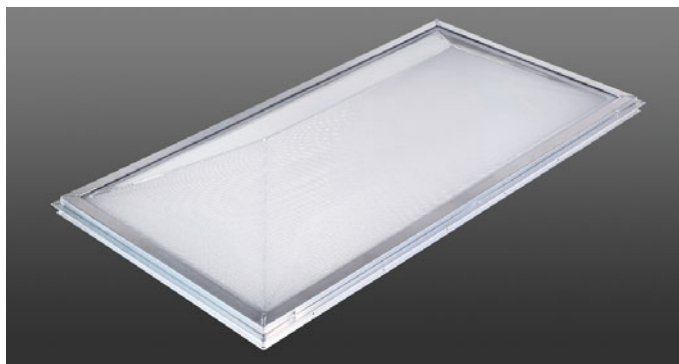
Custom Dome Skylight



Traditional Dome



Pyramid Dome



Hip Ridge Dome

Overview

A wide variety of custom unit skylights, glazing options, and accessories are available and are ideal for visible applications that require a specific size and a classic appearance.

Features and Benefits

- Custom sizes available in sizes ranging from 17" x 17" outside curb dimension up to 102" x 150"
- Available in 1/4" increments
- Works with all SunWeld Plus by VELUX commercial skylight curbs and fall protection accessories
- Curb-mount units are manufactured to fit outside curb sizes to the nearest 1/4", with a 1/2" clearance on all sides between the counter flashing leg of the skylight and the outside curb dimension
- Deck-mount units are available with an insulated 9", 12", or 16" integral curb
- Frame featuring 100% thermal break
- Wicking system evacuates condensation to the exterior of the skylight

Installation

1. For field-fabricated curbs or existing curbs, install fasteners through pre-slotted holes on skylight frame.
2. Flash field-fabricated and factory curbs into a roof system using pre-formed TPO and PVC curb flashing or EPDM Quick-Applied curb flashing.

REVIEW CURRENT VERSICO SPECIFICATIONS AND DETAILS FOR SPECIFIC INSTALLATION REQUIREMENTS.

SunWeld Plus by VELUX Conventional Skylight

Custom Dome Skylight

Options

Shapes	Dome Hip/Ridge Pyramid
Mounting	Curb-Mount Deck-Mount
Number of Domes	Single Double
Frame Finishes	Mill Finish Gray Painted
Glazing Color	Clear White Bronze (acrylic only) Clear Prismatic (IMA and polycarbonate) White Prismatic (IMA and polycarbonate)
Glazing Material	LuxGuard Plus (polycarbonate, HVHZ approved) LuxGuard (polycarbonate) Impact Modified Acrylic (IMA) Standard Acrylic
Optional Accessories	Interior Safety Screens Exterior Safety Screens

Dome Configurations, Sizing, and Warranties (available in ¼" increments)**

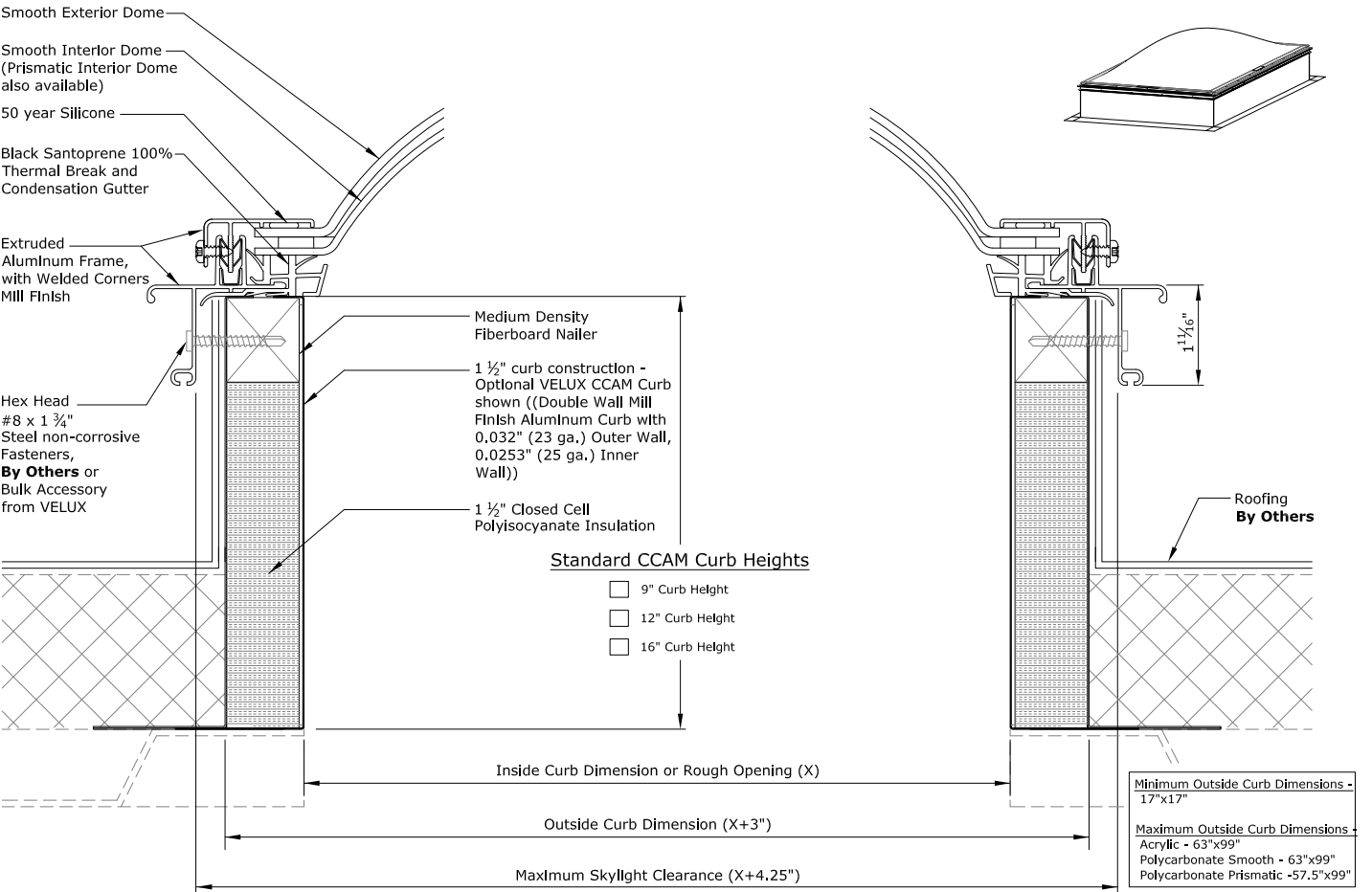
Dome Shape	Number of Domes	Dimensions in Inches (outside curb)					
		Min.	Max.				
		All Dome Types	Acrylic	Impact Modified Acrylic*		Polycarbonate* (LuxGuard & LuxGuard Plus)	
			Smooth	Smooth	Prismatic	Smooth	Prismatic
Dome	Single	17x17	63x99	63x99	N/A	63x99	N/A
Dome	Double	17x17	102x150	75x123	63x122.25	71x123	57.5x123
Hip/Ridge	Single	17x17	63x99	63x99	N/A	63x99	N/A
Hip/Ridge	Double	17x17	102x150	75x123	63x122.25	71x123	N/A
Pyramid	Single	17x17	75x75	75x75	N/A	71x71	N/A
Pyramid	Double	17x17	102x102	75x75	63x63	71x71	N/A
Warranty			5-Year Leak-Free	10-Year Leak-Free		20-Year Leak-Free / 15-Year Hail Breakage Up to 2" in diameter	

*Units with outside curb dimension greater than 63" x 99" receive standard 5-year leak-free warranty

**Call for additional glazing options & configurations

Precautions

In addition to selecting the correct skylight for the application, it is recommended to consider protecting all skylight openings and skylights with one or more fall protection accessories. It is also recommended that the building owner or manager restrict roof access only to personnel who have been sufficiently cautioned as to the location of the skylights and warned not to sit, step, or walk on the skylights. The building owner or manager should provide fall protection around the skylight in accordance with OSHA regulations.



SunWeld Plus by VELUX Conventional Skylight

Custom Dome Skylight

Most Common Dome Configurations (Other glazing configurations and performance values are available)

Glazing Material	Testing/ Certifications	Dome Configuration	Luminous Transmittance ASTM D1003	U-Factor NFRC 100	SHGC NFRC 200	Haze ASTM D1003
LuxGuard Plus (polycarbonate) Standard dome configuration—0.150" clear polycarbonate outer dome over 0.118" bright white prismatic inner dome.	NFRC Hallmark-Air water and structural certifications	Double	61.9	0.72	0.52	100%
LuxGuard (polycarbonate) Standard dome configuration—0.118" clear polycarbonate outer dome over 0.118" bright white prismatic inner dome.	Double	Double	61.9	0.72	0.52	100%
Impact Modified Acrylic (IMA) Standard dome configuration—0.150" 100 percent IMA clear outer dome over 0.118" white prismatic inner dome.	Single	Double	68.9	0.72	0.49	100%



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