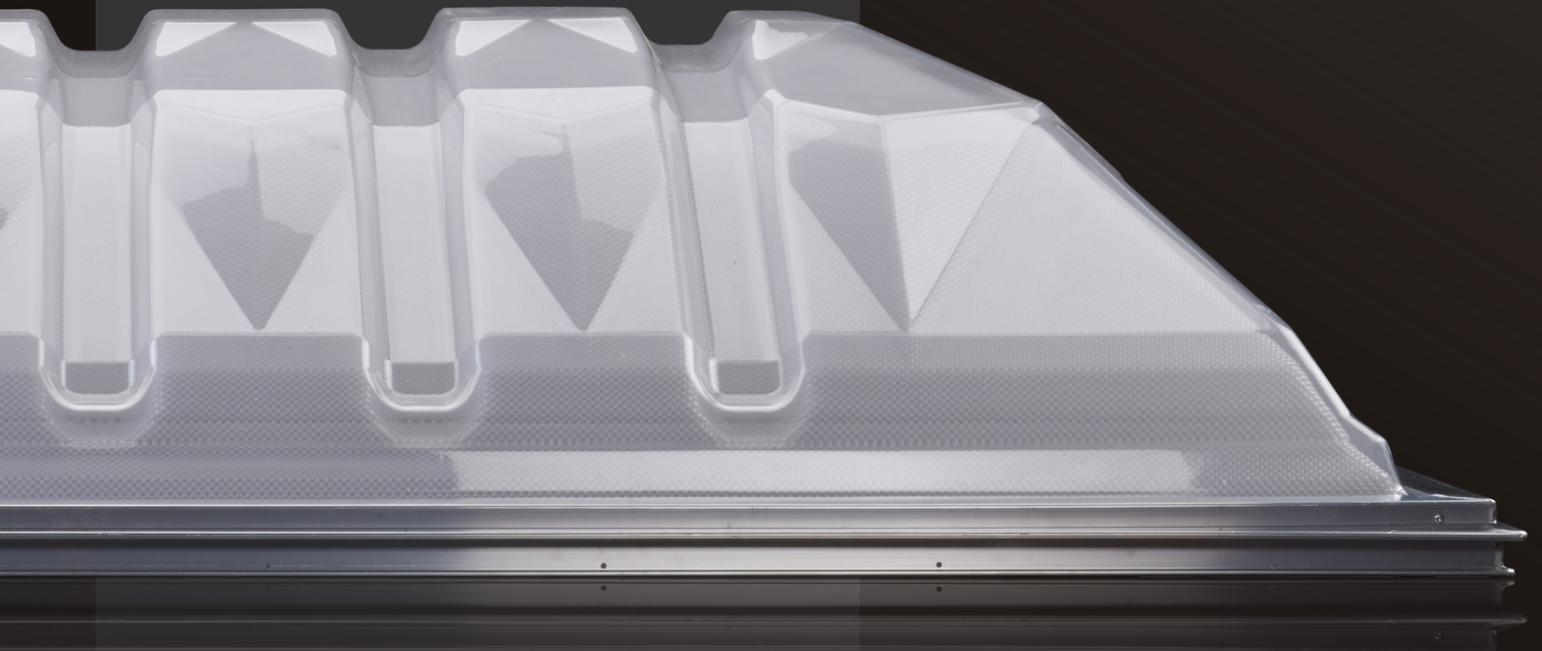


VELUX®

Commercial

Commercial Skylights



Dynamic Dome
Skylight



Bringing Light to Life

For over 75 years VELUX has been designing, manufacturing, and delivering the world's best skylights for applications where people live, work, and play. VELUX is a global leader in harnessing the benefits of the sun while providing a thermally tight view of the outdoors.

VELUX is one of the strongest brands in the global building materials and home improvement industry. VELUX has 17 strategically located production sites in 9 different countries and 40 sales organizations all working to ensure global unit skylight demands are met in a manner that exceeds expectation.

In the US, VELUX has a manufacturing plant and call center located in Greenwood, SC, and 5 distribution centers spread across the country, each stocked with products for quick delivery. Our call center is filled with knowledgeable customer service agents that will answer your questions and process your quotes and orders quickly.

Automated high volume processes are used to meet global unit skylight demands. These manufacturing processes ensure consistent high quality, high value, and competitive prices.

- 40 Sales companies around the world
- 17 Production sites in nine countries
- 9,500 Employees globally

For questions or to place an order:

CALL 1-888-878-3589

FAX 1-864-941-4873

EMAIL commercialteam@velux.com

Monday – Friday

8:00 a.m. – 7:00 p.m. (ET)





Revolutionary Dome Design CD1/CD2

The VELUX Dynamic Dome skylight is architecturally elegant, strong, and designed to capture more daylight in the early morning and late afternoon, thereby maximizing energy savings by reducing electric light usage.

Light Harvesting

- Dome shape engineered to maximize low angle sunlight.
- Taller domes provide more surface area to harvest more daylight.
- Smooth clear outer dome delivers 20% more daylight than a skylight with a prismatic outer dome. Our white prismatic inner dome option provides 100% light diffusion.
- Steeper side walls of skylight harvest more daylight than skylights with lower profile domes.

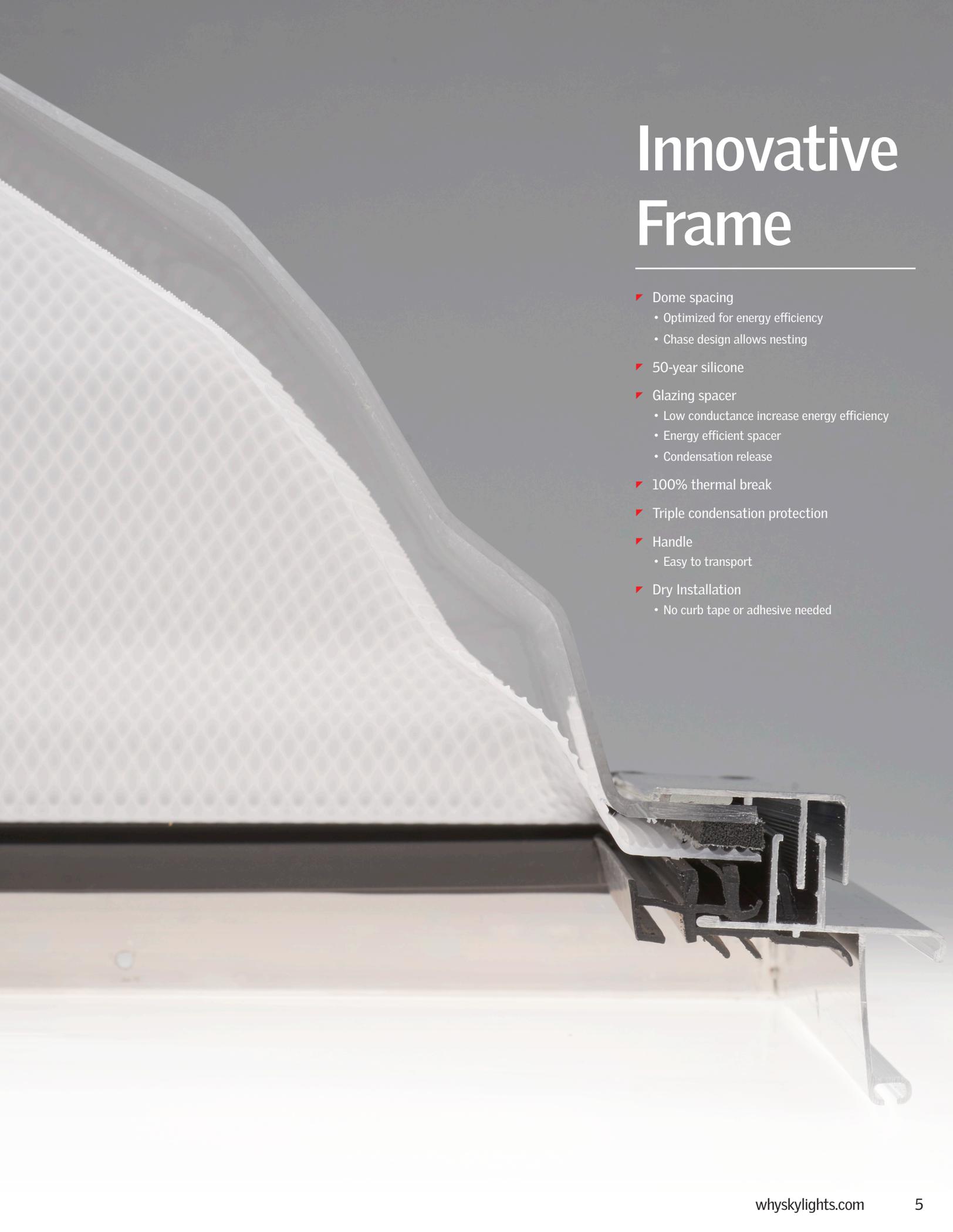
Dome Strength

- Dome profile designed to maximize strength and improve impact resistance.
- Repeating series of ridges and ribs provide superior structural strength.
- LuxGuard and LuxGuard Plus provide the greatest glazing strength.

Warranty

- 15-year warranty for LuxGuard and LuxGuard Plus glazings (polycarbonate) including hail breakage up to 2".
- 5-year warranty for Impact Modified Acrylic glazings (IMA).

*Available in 18 standard sizes



Innovative Frame

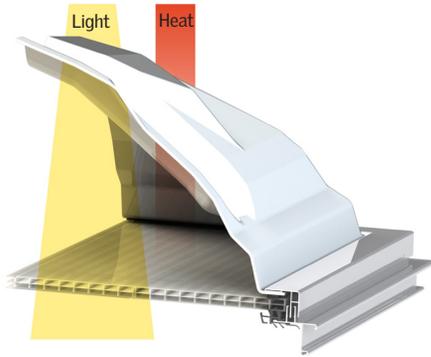
- Dome spacing
 - Optimized for energy efficiency
 - Chase design allows nesting
- 50-year silicone
- Glazing spacer
 - Low conductance increase energy efficiency
 - Energy efficient spacer
 - Condensation release
- 100% thermal break
- Triple condensation protection
- Handle
 - Easy to transport
- Dry Installation
 - No curb tape or adhesive needed



Energy Series Skylight Options CD3/CD4

VELUX Dynamic Dome Energy Series skylights deliver abundant daylight while providing a thermal barrier to exterior elements. VELUX offers the following energy savings glazing options:

- Multi-wall polycarbonate panels with and without Lumira Aerogel to provide the best protection against heat loss. These skylights are ideal for northern climate zones.
- Double domes with infrared coatings provide the best protection against heat gain. These skylights are ideal for southern climate zones.
- Triple domes with infrared coatings provide the best protection against heat gain and improved heat loss protection. These skylights are ideal for all areas of the country that require more stringent energy performance.



Custom Dome Skylights

A wide variety of custom unit skylights, glazing options, and accessories are available with short lead time. Manufactured to fit outside curb sizes to the nearest $\frac{1}{4}$ " with a $\frac{1}{2}$ " clearance on all sides. Ideal for visible applications that require a specific size and a classic appearance.



Traditional dome CT/CS



Hip Ridge dome CH/CK



Pyramid dome CH/CK

Smoke Vent Skylight_{CSV}

When smoke vents are required by code, VELUX offers lightweight double-leaf Dynamic Dome smoke vents for fire protection. Exceeds UL 793 Standard for automatically-operated roof vents for smoke and heat.

Innovative Design—Improved daylight harvesting with Dynamic Domes, light-weight, UL-listed, and easy to install.





Commercial Skylight Roof Curbs

Single Wall Aluminum Curb (CCAN)

1 $\frac{7}{8}$ " thick $\frac{3}{4}$ " factory-insulated, single-walled, mill-finished aluminum curb with 1" x 4" pressure-treated nailer.

18 standard sizes to fit Dynamic Dome skylights
Height options: 9", 12", 16"



Double Wall Aluminum Curb (CCAM)

1 $\frac{1}{2}$ " thick factory-insulated, double-walled, mill-finished aluminum curb with MDB nailer.

Available in custom sizes up to 102" x 150" (inside curb sizes)
Height options: 9", 12", 16"



Insulated Steel Curb (CCA3)

1 $\frac{1}{2}$ " thick factory-insulated, double-wall, steel curb with 2" x 2" wooden nailer and safety screens.

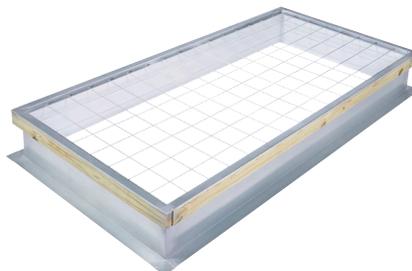
18 standard sizes to fit Dynamic Dome skylights
Height options: 9", 12", 16"



Field Insulated Steel Curb (CCA6)

1 $\frac{1}{2}$ " thick $\frac{3}{4}$ " field-insulated, single-wall, steel curb with 2" x 2" pressure-treated nailer and safety screens.

18 standard sizes to fit Dynamic Dome skylights
Height options: 9", 12", 16", 18"





Fall Protection Accessories

Interior Safety Screens (CRGA ICD)

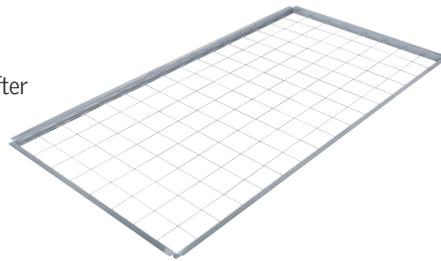
Internal safety screens with $\frac{3}{16}$ " steel mesh spaced at 6" on center provides a cost effective means of protecting the skylight opening during construction, and long after construction is complete.

Available in the 18 standard Dynamic Dome sizes

Available in custom sizes ($\frac{1}{4}$ " increments)

Max size for custom safety screen: (W) 72" and (L) 120"

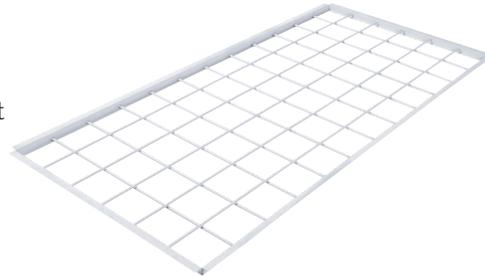
Minimum size for custom safety screen: (W) 24" and (L) 24"



Interior Security Bars (CRGA BB)

$\frac{1}{2}$ " diameter steel bars welded 6" on center offer the most security protection available. In addition, this system provides the means of protecting the skylight opening during construction and long after construction is complete.

Available in the 18 standard Dynamic Dome sizes



Exterior Safety Screen (CAE/STS)

External safety screens provide OSHA fall protection for flat roof, domed commercial skylights. The screen system provides fall protection without damaging your skylight.

CAE available in 18 standard Dynamic Dome sizes

CAE and **STS** available in custom sizes



The safety of others is of the utmost importance to VELUX. In addition to selecting the correct skylight for the application, VELUX recommends that the customer consider protecting all skylight openings and skylights with one or more of the fall protection accessories. VELUX recommends 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. Building owner or manager should provide fall protection around the skylight in accordance with OSHA regulations.

Commercial Sun Tunnels

TCC/TGC



TCC

Curb mount flashing model with SunCurve



TGC

Self flashed model with SunCurve



TMC

Pitched, self flashed model

Diffuser Options

Choose from a variety of ceiling options to meet all your application needs.

Available in 14" and 22"

Hard ceiling (THC)



Suspended ceiling (TTC)



Open ceiling (TOC)



Diffuser Materials



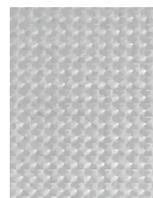
Frosted diffuser

Frosted diffusers offer a combination of performance and aesthetics.



Prismatic diffuser

The industry standard prismatic diffusers provide good light distribution with the look and feel to match existing architectural design.



Fresnel diffuser

Fresnel diffusers utilize a concentric pattern of parabolic prisms that provide superior light diffusion.

Commercial Program Overview

Dynamic Dome Size Chart

Dynamic Double Dome Sizes	Outside Curb Size	Maximum Skylight Clearance	Dynamic Double Dome Sizes	Outside Curb Size	Maximum Skylight Clearance
CD2 2448	27" x 51"	28 1/4" x 52 1/4"	CD2 4860	51" x 63"	52 1/4" x 64 1/4"
CD2 2496	27" x 99"	28 1/4" x 100 1/4"	CD2 4872	51" x 75"	52 1/4" x 76 1/4"
CD2 2412	27" x 123"	28 1/4" x 124 1/4"	CD2 4896	51" x 99"	52 1/4" x 100 1/4"
CD2 3636	39" x 39"	40 1/4" x 40 1/4"	CD2 48120	51" x 123"	52 1/4" x 124 1/4"
CD2 3660	39" x 63"	40 1/4" x 64 1/4"	CD2 6060	63" x 63"	64 1/4" x 64 1/4"
CD2 3672	39" x 75"	40 1/4" x 76 1/4"	CD2 6072	63" x 75"	64 1/4" x 76 1/4"
CD2 3696	39" x 99"	40 1/4" x 100 1/4"	CD2 6096	63" x 99"	64 1/4" x 100 1/4"
CD2 36120	39" x 123"	40 1/4" x 124 1/4"	CD2 60120	63" x 123"	64 1/4" x 124 1/4"
CD2 4848	51" x 51"	52 1/4" x 52 1/4"	CD2 7272	75" x 75"	76 1/4" x 76 1/4"

Dynamic Dome Skylight Models

Model	Skylight Description
CD1	Single dome with mill finished aluminum
CD2*	Double dome with mill finished aluminum
CD3	Triple dome with mill finished aluminum
CD4	High energy dome with mill finished aluminum
CE1	Single dome with natural gray painted aluminum
CE2	Double dome with natural gray painted aluminum
CE3	Triple dome with natural gray painted aluminum
CE4	High energy dome with natural gray painted aluminum

Stocked Sizes: 2448, 3636, 3660, 4848, 4872, 6060, 6072, 7272

Custom Dome Skylight Models

Model	Skylight Description
CT1	Single blown dome with mill finish frame
CT2	Double blown dome with mill finish frame
CG1	Single blown dome with natural gray painted frame
CG2*	Double blown dome with mill finish frame
CH1	Thermoformed single dome with mill finish frame
CH2	Thermoformed double dome with mill finish frame
CJ1	Thermoformed single dome with natural gray painted frame
CJ2	Thermoformed double dome with natural gray painted frame

* CG2 is the CMA replacement skylight

Standard Dynamic Dome Glazing Options for CD2 Models

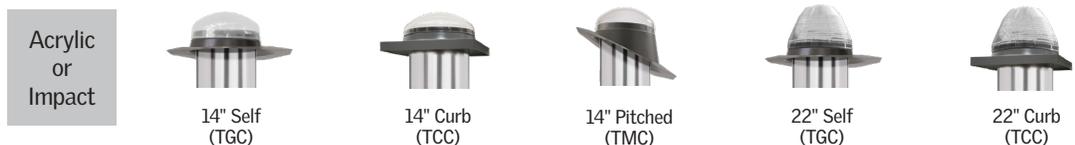
Glazing Options for CD2 Models	Outer Dome	Inner Dome	Glazing Code	Certifications	Model	Legacy Frame
100% Impact Modified Acrylic (IMA)	Clear Smooth	White Prismatic	1S1N2	WDMA/AAMA certified and labeled, NFRC certified, Burn brand and material tested, fall protection	CS2	Double blown dome with mill finish legacy frame
	Clear Smooth	White Smooth	1S1T2			
LuxGuard	Clear Smooth	White Prismatic	3P1C2	WDMA/AAMA certified and labeled, NFRC certified, Burn brand and material tested, fall protection, Factory Mutual (FM) certified, ICC, and Hail tested	CK2	Double formed dome with mill finish legacy frame
	Clear Smooth	Clear Prismatic	3P1C1			
	White Smooth	Clear Prismatic	3P2C1			
	Clear Smooth	White Smooth	3P1P2			
	White Smooth	Clear Smooth	3P2P1			
LuxGuard Plus	Clear Smooth	White Prismatic	2P1C2	WDMA/AAMA certified and labeled, NFRC certified, Burn brand and material tested, fall protection, hail tested, Factory Mutual (FM) certified, and high velocity hurricane zone (HVHZ) approved		
	Clear Smooth	Clear Prismatic	2P1C1			
	White Smooth	Clear Prismatic	2P2C1			
	Clear Smooth	White Smooth	2P1P2			
	White Smooth	Clear Smooth	2P2P1			
Acrylic	Clear Smooth	White Smooth	0A1A2	WDMA/AAMA tested and test report available for distribution and NFRC		
	White Smooth	Clear Smooth	0A2A1			
	Bronze Smooth	Clear Smooth	0A4A1			

Stocked Glazings: **7-day lead time**
Made on Demand: **14-day lead time**

* Additional options available

Standard Commercial Sun Tunnel Configurable Kits - Time saving and easy-to-order

1: Select your size, dome type and flashing



2: Identify total length needed for each opening



3: Select your diffuser and assembly type



Download an ordering guide at veluxusa.com/commercial-brochures

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Bringing light to life™

VELUX®

Commercial

The VELUX Group creates better living environments with daylight and fresh air through the roof. The VELUX product program contains a wide range of roof windows and skylights, along with solutions for flat roofs. The Group also supplies many types of decoration and sun screening, roller shutters, installation products, products for remote control for installation in roofs. The VELUX Group, which has manufacturing companies in 11 countries and sales companies in just under 40 countries, represents one of the strongest brands in the global building materials sector and its products are sold in most parts of the world. The VELUX Group has about 10,000 employees and is owned by VKR Holding A/S, a limited company wholly owned by foundations and family. For more details, visit velux.com.

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