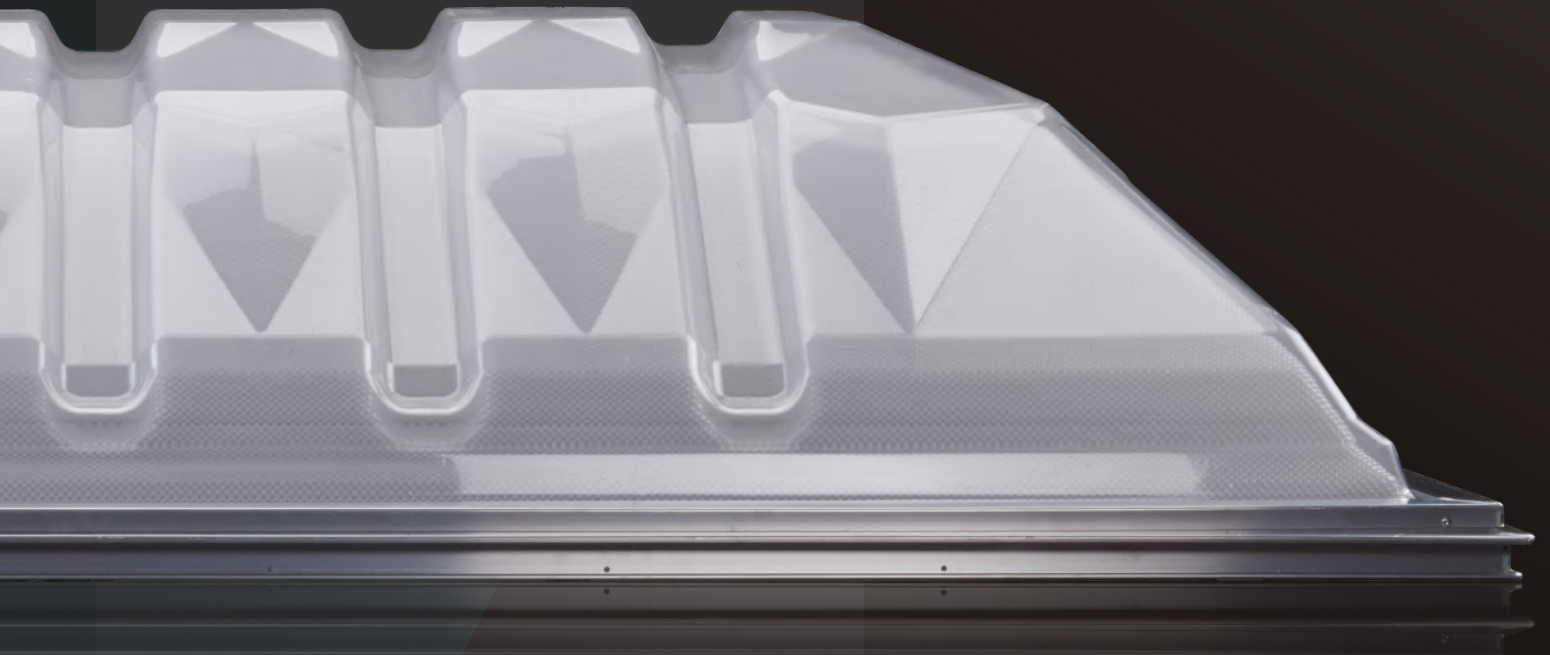


Commercial Skylights



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

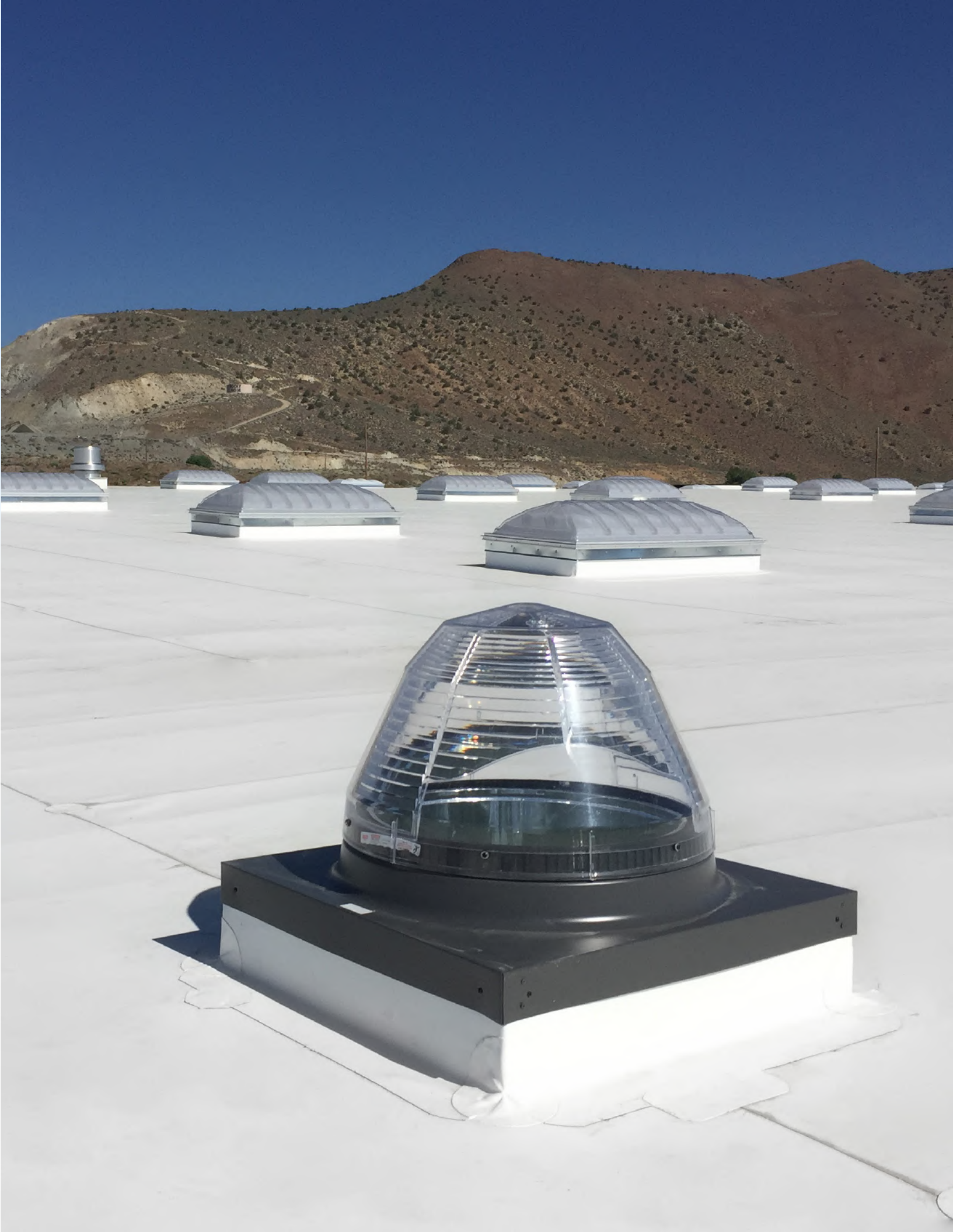
For questions or to place an order:

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

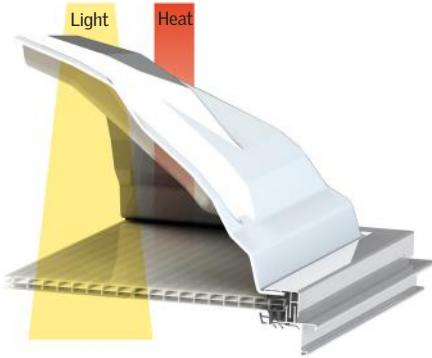
- Dome spacing
 - Optimized for energy efficiency
 - Chase design allows nesting
- 50-year silicone
- Glazing spacer
 - Low conductance increase energy efficiency
 - Energy efficient spacer
 - Condensation release
- 100% thermal break
- Triple condensation protection
- Handle
 - Easy to transport
- Dry 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 1/4" with a 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 7/8" thick 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 1/2" thick factory-insulated, double-walled, mill-finished aluminum curb with MDB nailer.

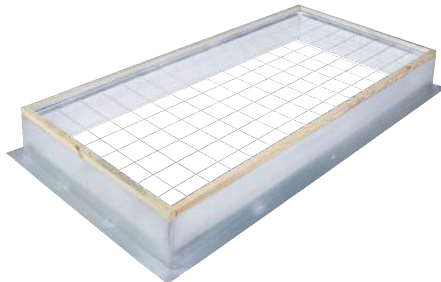
Available in custom sizes up to 102" x 150" (inside curb sizes)
Height options: 9", 12", 16"



Insulated Steel Curb (CCA3)

1 1/2" thick factory-insulated, double-wall, steel curb with 2" x 2" wooden nailer and safety screens.

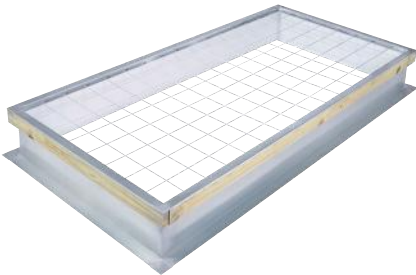
18 standard sizes to fit Dynamic Dome skylights
Height options: 9", 12", 16"



Field Insulated Steel Curb (CCA6)

1 1/2" thick 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"

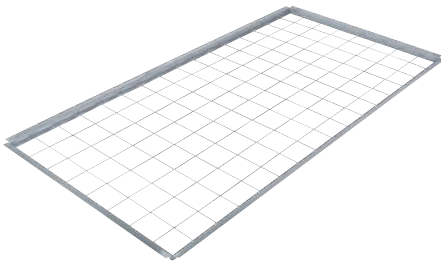


Fall Protection Accessories

Interior Safety Screens (CRGA ICD)

Internal safety screens with 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.

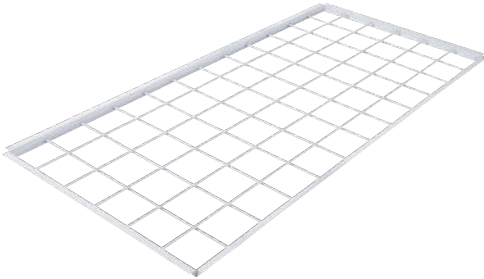
Available in the 18 standard Dynamic Dome sizes
Available in custom sizes (1/4" increments)
Max size for custom safety screen: (W) 72" and (L) 120"
Minimum size for custom safety screen: (W) 24" and (L) 24"



Interior Security Bars (CRGA BB)

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

VELUX Commercial Sun Tunnels provide an efficient and cost effective means to deliver daylight into interior spaces. The high tech, efficient, and easy to assemble light shaft systems provide an ideal solution for any application. VELUX Sun Tunnels provide greater cost savings as the length of the light shaft increases.

VELUX offers three different flashing and diffuser systems to meet the needs of any application. The water proof flashing, quick to assemble tunnel systems, and visually appealing diffuser systems can be mixed and matched for any project while also meeting the customer’s aesthetic preferences.



TCC

Curb mount flashing model with SunCurve



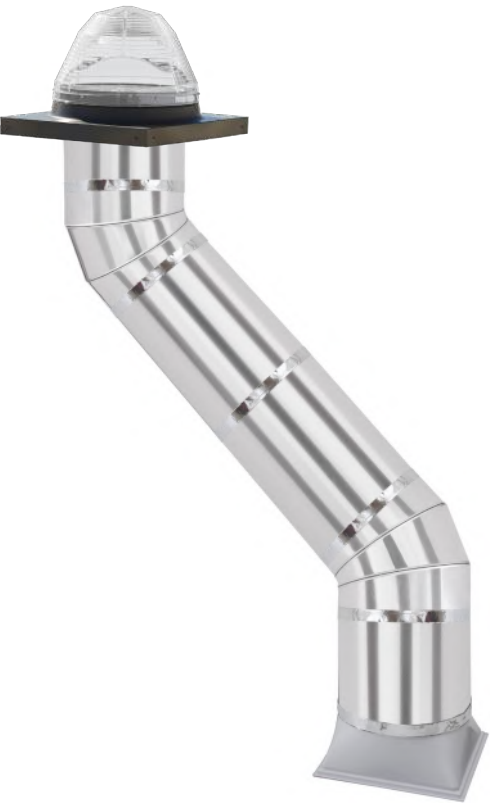
TGC

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)



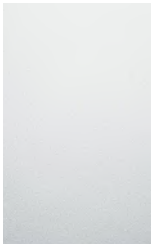
Suspended ceiling (TTC)



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 ¼" x 52 ¼" | CD2 4860 | 51" x 63" | 52 ¼" x 64 ¼" |
| CD2 2496 | 27" x 99" | 28 ¼" x 100 ¼" | CD2 4872 | 51" x 75" | 52 ¼" x 76 ¼" |
| CD2 2412 | 27" x 123" | 28 ¼" x 124 ¼" | CD2 4896 | 51" x 99" | 52 ¼" x 100 ¼" |
| CD2 3636 | 39" x 39" | 40 ¼" x 40 ¼" | CD2 48120 | 51" x 123" | 52 ¼" x 124 ¼" |
| CD2 3660 | 39" x 63" | 40 ¼" x 64 ¼" | CD2 6060 | 63" x 63" | 64 ¼" x 64 ¼" |
| CD2 3672 | 39" x 75" | 40 ¼" x 76 ¼" | CD2 6072 | 63" x 75" | 64 ¼" x 76 ¼" |
| CD2 3696 | 39" x 99" | 40 ¼" x 100 ¼" | CD2 6096 | 63" x 99" | 64 ¼" x 100 ¼" |
| CD2 36120 | 39" x 123" | 40 ¼" x 124 ¼" | CD2 60120 | 63" x 123" | 64 ¼" x 124 ¼" |
| CD2 4848 | 51" x 51" | 52 ¼" x 52 ¼" | CD2 7272 | 75" x 75" | 76 ¼" x 76 ¼" |

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 | | CK2 | Double formed dome with mill finish legacy frame |
| 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 | | |
| | 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 huracate 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 | Stocked Glazings: | 7-day lead time |
| | White Smooth | Clear Smooth | 0A2A1 | | Made on Demand: | 14-day lead time |
| | Bronze Smooth | Clear Smooth | 0A4A1 | | | |

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

1: When ordering Commercial Sun Tunnels, 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

VELUX America LLC
450 Old Brickyard Road
PO Box 5001
Greenwood, SC 29648-5001
Tel 1-888-878-3589
Fax 1-864-941-4873
veluxusa.com whyskylights.com

Bringing light to life™

NOTICE: ALL GLASS MAY BE SUBJECT TO UNEXPECTED AND SPONTANEOUS BREAKAGE in rare circumstances due to imperfections in the glass that are undetectable during the manufacturing and inspection process by the manufacturer of the glass and VELUX.

VELUX offers the choice of laminated or tempered glass skylights. Impact glass and comfortplus glass are all types of laminated glass. Comfort glass is a type of tempered glass. Laminated glass is a combination of two or more glass sheets with one or more interlayers of plastic (PVB) or resin. In case of breakage, the interlayer is designed to hold the fragments together. Tempered glass does not contain an interlayer to hold the fragments together. Instead, tempered glass is designed to break into small, pebble-like pieces. When tempered glass breaks, pieces of glass come loose and may strike an individual.

CONSULT LOCAL REGULATIONS AND/OR BUILDING MATERIAL CONSULTANTS TO DETERMINE WHICH TYPE OF GLASS IS RIGHT FOR YOU OR IF LAMINATED GLASS IS REQUIRED IN YOUR APPLICATION.



Commercial Skylights



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.

©2018 VELUX Group, VELUX®, VELUX logo are registered trademarks
XUS20381-0318