



### **ABBA SKYLIGHTS**

RESIDENTIAL | INDUSTRIAL | COMMERCIAL | INSTITUTIONAL
"A World of Skylight Options"

## Residential Skylights & Sun Tunnel Skylights

The Skylight Guy Certified Installer

Certified Installer Calgary, AB 2019 VIP Project of the Year Winner





## It's not just any Skylight;

### it's a **VELUX!**

- World's leader and most trusted skylight provider.
- Industry leading quality, engineering and innovation.
- Most advanced and diverse product offering.
- Tested to perform in the harshest climates around the world.

VELUX's three patented layers of water protection work seamlessly with your roof to ensure a leak proof installation.





1 Pre-attached deck seal provides a direct seal between the frame and roof deck for a leak-proof installation.



2 Adhesive underlayment for secondary water protection against the harshest weather conditions.



3 Engineered flashing is easy to install and primary defense against the elements.



## What is your Roof Pitch?



In order to determine the best skylight and installation options for you, you or your installer will need to first determine your roof's pitch. Not sure how to determine your roof pitch?

The roof pitch is the angle of your roof, and its calculated by the number of inches it rises vertically for every  $12^{\prime\prime}$  it extends horizontally. This angle is measured by placing a pitch-gauge directly on the roof and taking an accurate reading.

Download our VELUX Roof pitch app from the app store for an accurate roof pitch reading.





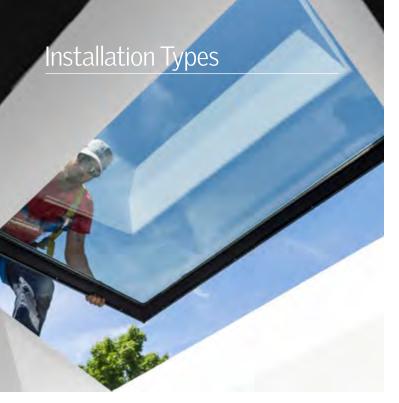




Why is this important? This calculation is important because each of VELUX's skylights and flashing kits are engineered with specific pitch requirements to ensure the best skylight performance by effectively draining water off. Its just one more way to help ensure your skylight won't leak!

Here is a simple guide to help you determine which installation method is best for your roof. Please refer to the specific product model to confirm roofing pitch.

Roof pitch	Recommended products
3:12 or greater	Deck Mounted, Roof Window, Curb Mounted
Low slope (3:12 and below)	Curb Mounted or Flat Roof Skylights
Flat roof	Flat Roof Skylights or Curb Mounted
Long shaft or tunnel runs or Interior spaces	Sun Tunnel







## Deck Mounted, Curb Mounted and Sun Tunnel\*

When it comes to skylights, there are three different types of installation methods. To know which installation is right for your home, a skylight installer or roofer will evaluate the home's roof pitch, roofing material, ceiling type and whether it is a replacement job or a new cut-in. Regardless of the installation method, you're installing the same well engineered product that delivers the No Leak Promise, while bringing in plenty of natural light.

#### **1** Deck Mounted Skylights





Deck mounted skylights allow for your skylight to have a low profile on your roof and create an energy-efficient installation. With this installation, your skylight is nailed directly to the roof deck. Deck mounted skylights are ideal for new construction, new cut-in skylights and replacements. Minimum roof pitch is 3:12.

#### **2** Curb Mounted Skylights





Curb mounted skylights are the most common installation preference in low-pitch or flat roof solutions. The "curb" is a frame built mostly by two-by-fours, that are site built to the roof. The skylight is then installed on top of the curb. Imagine it as a shoe box: the curb is the box and the skylight is the box lid. Minimum roof pitch is 0:12, however we recommend a  $5^{\circ}$  slope for water shed.

#### 3 Sun Tunnel Skylights







The Sun Tunnel skylight's highly reflective and cylinder shape fits between ceiling supports, allowing light to travel from your roof down to the space below. The Sun Tunnel is a nonintrusive installation and the tunnel fits between the ceiling joist and trusses. Installation can be completed in as little as 3 hours.

#### Overhead applications



Recommended for high humidity areas such as kitchens and bathrooms.



#### VSS/VCS - Solar Powered Venting Skylight

- Requires no wiring making for an easy and cost effective installation that does not require an electrician.
- Fully functional regardless of time of day or direction faced, reducing energy consumption and costs.
- Package includes simple remote control, insect screen and acoustic rain sensor that automatically closes the skylight in inclement weather.
- · Engineered flashing kit sold separately.



Recommended for high humidity areas such as kitchens and bathrooms.



#### VSE/VCE - Electric Venting Skylight

- Benefits and package identical to VSS/VCS Solar Powered model with exception of solar panel replaced by single hard wire that connects to a standard junction box.
- Recommended to purchase battery back-up.
- Engineered flashing kit sold separately.

#### In-reach applications



Recommended for high humidity areas such as kitchens and bathrooms.

#### VS/VCM - Manual Venting Skylight

- Opens and closes manually.
- Includes: insect screen, operator hook and crank handle.
   Control rods are available and sold separately.
- Engineered flashing kit sold separately.

#### Fixed non-opening applications



Ideal for visually expanding dark areas with daylight and sky views.



#### **FS/FCM** – Fixed Skylight

- Offers the greatest glass area for bringing in abundant natural light.
- Engineered flashing kit sold separately.
- Custom size fixed curb mounted skylights (FCM) available.
   Call for details.







- Frame is pine wood, pre-painted white and treated with anti-fungal to ensure longevity.
- Easy roof access for roof repairs, maintenance, emergency and Egress.
- Can be installed as left hinged or right hinged roof access and window.
- Locking device that keeps sash in open position and ventilation flap.
- Optional insect screen and blinds available and sold separately.
- Available in varnished pine and polyurethane.
- Step flashing and underlayment sold separately.
- Available in Triple Pane for enhanced energy efficiency.

#### GGL - Centre pivot roof window

- Frame is pine wood, pre-painted white and treated with antifungal to ensure longevity.
- The window swivels 180° in its frame for easy and safe cleaning.
- Ventilation flap opens for limited ventilation.
- Optional insect screen and blinds available and sold separately.
- Available in varnished pine and polyurethane.
- Step flashing and underlayment sold separately.
- Available in Triple Pane for enhanced energy efficiency.

#### **GPL** – Top hinged roof window

- Frame is pine wood, pre-painted white and treated with anti-fungal to ensure longevity.
- Opens to a 45° angle to satisfy Egress requirements for emergency escape (check local building code).
- Ventilation flap opens for limited ventilation.
- Optional insect screen and blinds available.
- Available in varnished pine and polyurethane.
- Step flashing and underlayment sold separately.
- Available in Triple Pane for enhanced energy efficiency.

#### GDL - Cabrio balcony roof window

- Dual-sash operation: Top opens for ventilation and bottom opens outward to create a balcony.
   Ventilation flap included.
- Top sash rotates inward for easy glass cleaning from inside.
- Optional insect screen and blinds and sold separately.
- Varnished pine frame comes pre-painted white.
- · Step flashing and underlayment sold separately.
- Available in Triple Pane for enhanced energy efficiency.





## Flat Roof Skylights

## Quick and easy solution for skylights on a flat roof

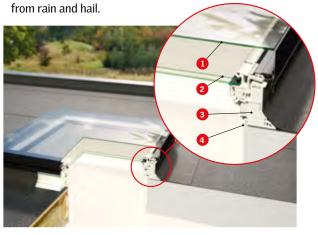
The CurveTech skylight features an innovative curved-shaped glass surface that lets in more daylight, easily drains rainwater and stands out externally as a modern addition to roof surfaces



#### **Features**

- Highly energy efficient, direct roof mount that brings large amounts of sunlight through a flat roof.
- Double glazed window with protective curved-shaped glass or polycarbonate cover.

• Protective cover keeps inner pane warmer reducing likelihood of condensation and minimizing sound



- 1. Curved-shaped glass cover for water drainage
- 2. Double glazed glass unit
- 3. Maintenance-free PVC curb with polystyrene insulation
- 4. Drywall groove for interior finish

#### CFP - Flat roof skylight



#### CVP - Flat roof manual venting skylight

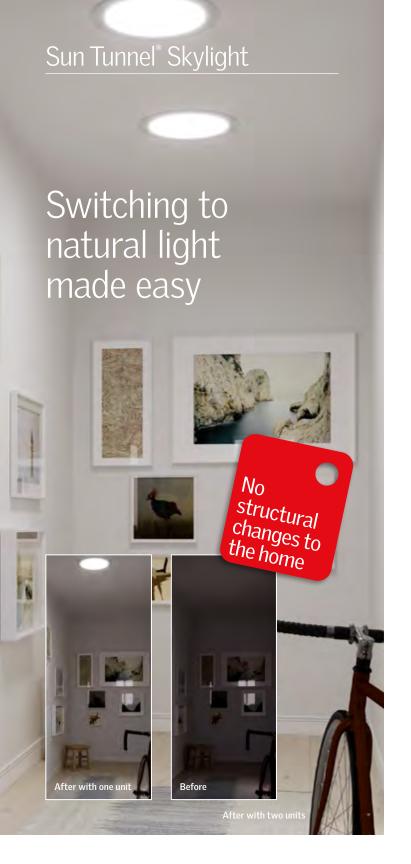


- · PVC insulated curb included.
- Manual venting flat roof skylight includes control rod.
- Available as large as 4' x 4'.

#### **CXP** - Flat roof exit



- PVC insulated curb included.
- Provides roof access to flat roofs.
- Sleek internal appearance with a 60° opening angle.
- Available as large as 4' x 4'.





#### **Features & Benefits**

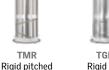
- An energy efficient source of bright, natural light.
- Ideal for projects where the distance between the roof and ceiling is too long for a traditional skylight.
- Easier install with unique patented Flexi-Loc™ system.
- 20-year warranty for rigid tunnel reflection-enhanced material.
- 10-year warranty against manufacturer's defects, rust, corrosion and deterioration.

#### Sun Tunnel Models

#### Rigid Models - Maximum light output



flashing





TGR Rigid low profile flashing



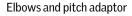
TLR Flat glass flashing



TCR Flat roof flashing

- Features a highly reflective tunnel that provides brighter natural light output
- Ideal for straight runs with some flexibility, up to 90°.
- Comes with 4' tunnel in box. Tunnel can run up to 20' for 10" and 25' for 14".
- TGR and TLR models recommended for south-facing roofs only.
- Includes unique Flexi-Loc system, dual pivot elbows and pitch adaptor to cut installation time in half over older models.
- Provides the best light output.

#### Flexi-Loc<sup>™</sup> system







#### Flexible Models



TMF Flexible pitched flashing



TGF Flexible low profile flashing

- For installations with many attic obstructions
- 8' of tunnel included in 14" kit (8' max tunnel length)
- 8' of tunnel included in 22" kit (12' max tunnel length)
- TGF model recommended for south-facing roofs only

#### **How to Choose Your Sun Tunnel**<sup>™</sup> **Skylight**

#### **Step 1:** Pick your model by size and roofing

#### Available sizes





#### Roofing orientation

Roof Exposure		Light Coverage	
	< 150 sq. ft	150-200 sq. ft	200-325 sq. ft
All exposures	TMR 010 TMF 014	TMR 010/014 TMF 014	TMR 014
South exposures	TGR 010 TGF 014 TLR 014	TGR 010/014 TLR 014 TGF 014/022	TGR 014 TCC 022
Flat roof	TC	TCR 014 C 022 (up to 400 sq	. ft.)

#### Step 2: Determine quantity of Sun Tunnels needed





**Small/square spaces** 

- If < 150 sq. ft 1 unit required
- If 200 sq. ft + consider rigid or multiple units

Narrow/rectangular spaces

Consider multiple units

#### Step 3: Sun Tunnel extensions



**ZTR -** Rigid tunnel extensions For longer tunnel runs 2', 4' and 6' tunnel extension pieces are available in 2' increments.

**ZTF** - Flexible tunnel extensions 12' flexible tunnel replaces the standard 8' flexible tunnel.



#### **ZTC** - Energy Kit

Contains a clear upper and lower tunnel cap that increases the energy efficiency of the daylighting system, provides multiple layers of protection and increases the quality of the light diffusion within living spaces.



**ZTB** - Decorative diffuser upgrade options



### Choosing the Right Glass



All VELUX glass has an advanced triple LoE protective coating that provides maximum daylight and heat control for year-round comfort and energy savings. All glass options offer some degree of protection from heat loss & gain, fading and sound.

#### Benefits of Laminated Glass



#### Clean

Features Neat\* glass coating to keep your skylight cleaner, longer, leaving skylights virtually spotless.



#### Safe

VELUX recommends laminated glass for out of reach applications.



#### **Hail warranty**

10 year warranty on laminated glass with Neat\* coating on cracking or breakage due to hail.



#### **Ouiet**

Reduce unwanted outside noise by up to 25% more than a standard double pane glass, and up to 50% more than a plastic skylight.

#### Skylight Glass Options

#### Laminated glass with Neat<sup>®</sup> coating

Dual pane laminated glass is standard on all venting skylight models. Laminated glass is required to meet code in overhead applications.

#### CleanComfortPlus: Laminated Glass (04 code)



- Exterior tempered safety glass.
- Triple coated with LoE, dual sealed and injected with Argon gas.
- Laminated interior pane for added safety and protection from UV rays.
- Excellent energy efficiency and thermal performance.

#### NEW Energy i89: Laminated Glass (89 code)



- Maximum energy efficiency and thermal performance.
- Exterior tempered safety glass for overhead skylights.
- Laminated interior pane for added safety and protection from UV rays.
- New energy-saving 4th surface LoE coating for enhanced energy. Available for Deck Mounted skylight only.

#### CleanEnergyPlus: Laminated Glass (10 code)



- Exterior tempered safety glass.
- Triple coated with LoE, dual sealed and injected with Argon gas.
- Tempered and laminated inner pane for additional strength for high snowload.
- High energy efficiency and thermal performance.

#### Triple pane

Triple pane provides 3 layers of glass for enhanced energy efficiency and is suitable for out-of-reach applications.

#### **Triple pane laminated (29 code)**



- Exterior 2 panes are tempered safety glass.
- Inner pane is laminated glass.
- Triple coated with LoE, dual sealed and injected with Argon gas.
- High energy efficiency and thermal performance.
- Available in select FCM sizes.
- Meets Vancouver building code.

#### Triple pane (30 code)



- 3 layers of tempered safety glass.
- Triple coated with LoE, dual sealed and injected with Argon gas.
- Protects against fade-causing UV rays.
- High energy efficiency and thermal performance.
- Available in select FCM sizes.

#### Tempered glass

Tempered glass has been triple coated with LoE, dual sealed and injected with Argon gas.

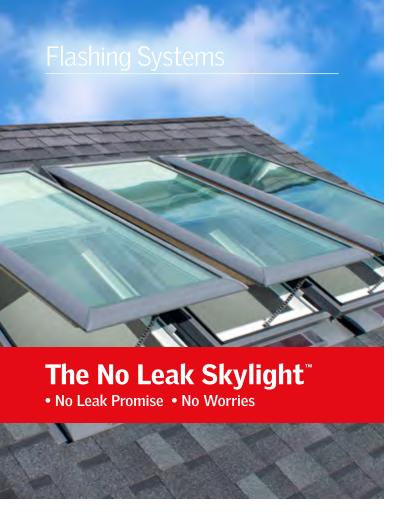
#### **Basic Comfort: Tempered Glass (05 code)**



- Basic glass for fixed in-reach skylights.
- Exterior and interior tempered glass.

**NOTE:** VELUX recommends laminated and triple pane glass for overhead applications.





VELUX Engineered flashing systems are designed to shed water without relying on sealants that can break down over time. Only the VELUX No Leak Skylight™ has 3 patented layers of water protection to protect against the harshest weather conditions providing a leak-proof and worry free installation.



### Flashing Options



EDL/ECL – Shingles/shakes

Step flashing pieces interweave with roofing material for proper water drainage.



**EDM** – Metal roof flashing

Flashing pieces interlock with sheet metal roofing material for a weather tight installation (For Deck Mounted Skylights).



**EDW/ECW** – High profile flashing

Flashing kit for high profile roofing materials such as concrete tiles, Spanish tiles, cedar shakes, metal tile etc.



**ECB** – Flat/Low slope flashing

Used with site-built curb on low-slope roofs (For Deck Mounted Skylights).



## **EKL/EKW** – Combi flashing

Used to install multiple skylights in groups for dramatic installations (For Deck Mounted Skylights).

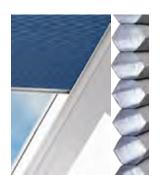


Controlling the amount of light in your room is easy with the VELUX Blind Collection available in a wide range of colours and pleated styles. Fill your room with daylight and fresh air, soften the afternoon sun or darken the light with the VELUX pleated blind collection designed for you to have the ultimate control and privacy.

Over 40 colours to choose from, your VELUX blind will accent any space. Visit veluxblinds.ca or a dealer to order your blind.



## **Blind Options**





- Blocks most incoming light.
- Energy efficient, highly insulated design.
- Provides absolute privacy.
- Solar powered available for all skylights.
- Manual operation available for fixed skylights and roof windows.



## **Light Filtering Blind** (Single pleated)

- Softens and diffuses incoming light.
- Provides privacy and light control.
- Solar powered available for all skylights.
- Manual operation available for fixed skylights and roof windows.



#### **Venetian Blind**

- Control both direction and amount of incoming light.
- Maintain view of outdoors.
- Moisture resistant.
- Manual operation only.



## **Duo Blind** (Roof windows only)

- Combination blackout and single pleated blind.
- Combines total blackout with light diffusing in any ratio at any level on the window.
- Available in white/beige.
- Manual operation only.



#### **Deck Mounted - Blind codes**

Skylight Models	VSS/ VSE/ VS	FS
Solar room darkening	FSCH	FSCD
Solar light filtering	FSLH	FSLD
Manual room darkening	N/A	FHCD
Manual light filtering	N/A	FHLD
Manual venetian	CALL	PAD

#### **Curb Mounted - Blind codes**

Skylight Models	VCS/ VCE/ VCM	FCM
Solar room darkening	FSCC	YAY FSCC
Solar light filtering	FSLC	YAY FSLC
Manual room darkening	FHCC	YAY FHCC
Manual light filtering	FHLC	YAY FHLC
Manual venetian	PAC	YAY PAC

- Insect screen must be removed to operate manual blind.
- Blind & blind tray shipped and invoiced individually.

#### **Flat Roof - Blind codes**

Skylight Models	CFP
Solar room darkening	FSCH
Solar light filtering	FSLH

#### **Roof Windows - Blind codes**

Roof Window Models	GGL/ GPL/ GXL/ GDL
Solar room darkening - double pleated	Special FSCH
Solar light filtering - single pleated	Special FSLH
Manual venetian blind	PAL
Manual room darkening blind - double pleated	FHC
Manual light filtering blind - single pleated	FHL
Manual duo blind- beige/white	DFD

### Skylight Accessories

#### Home automation



KIX 300 - VELUX ACTIVE Indoor Climate Control Starter Kit

The sensor based control system monitors the climate in your home and automatically adjusts the ventilation of your skylights and position of your blinds for a healthier home. Includes Climate sensor, Departure switch and Internet gateway.

Backwards compatible with any solar or electric skylight manufactured after 2010.

Models: VSS, VCS, VSE, VCE



#### KLA 300 - VELUX Active Indoor Climate Sensor

Purchase an additional sensor for other rooms with VELUX operable skylights. For Solar and Electric Venting skylights.

Models: VSS, VCS, VSE, VCE



#### KIG 300 - VELUX Active Internet Gateway

Purchase an additional internet gateway to improve connectivity. For Solar and Electric Venting skylights.

Models: VSS, VCS, VSE, VCE



#### KLN 300 - VELUX Active Departure Switch

Purchase an additional departure switch for added convenience. For Solar and Electric Venting skylights.

Models: VSS, VCS, VSE, VCE



#### KLF 200 - Home automation integration kit

Provides two advanced functions: it acts as a repeater that extends the RF range for large spaces as well as an interface unit which allows operation via external systems in your home. For Solar and Electric Venting skylights.

Models: VSS, VSE, VCS, VCE

#### Remotes and Electric



#### KLI 110 - Basic remote control

Simple operation of blinds. Operates wirelessly and can be wall mounted. Included with solar blinds for manual venting or fixed skylights.



#### KLB 100 – Battery backup W



Allows limited operation of electric skylights during a power failure. One needed per applicable skylight.

Models: VSE, VCE

#### Manual skylight and blind operation



#### **ZZZ 203** – VS/VCM Angle Adaptor

Angle adaptor allows an easier operation on a steeper pitch.

Models VS, VCM



#### Replacement Hook

Replacement hook to operate manual skylight with a chain operator that is installed overhead.

ZZZ 202 (VS) ZZZ 211 (VCM)



#### **ZCT 300** – 6' - 10' Telescopic rod

Telescopic rod to operate manual venting skylights with a smooth-turning operation. 3' extension available (ZCT 100).

Models: VS, VCM



#### **Z0Z 032** – 2' Manual rod

A rod to operate manual venting skylights with a smooth-turning operation. 3' extension available (ZCT 100).

Models: VS, VCM



#### **ZXT 200** – 3' - 6' Telescopic rod

Telescopic rod for operation of out of reach manual blinds. 3' extension available (ZCT 100).

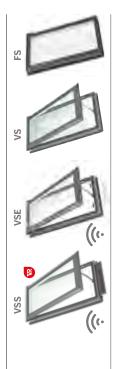
Models: All skylight manual blinds.

## Sizes

## **Deck Mounted Models**

VSS - Solar Powered Venting Skylight VSE - Electric Venting Skylight VS - Manual Venting Skylight

FS - Fixed Skylight



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14° - 85° 3:12 - 137:12	A06	C01	C04	900	<b>C</b> 08	C12	D26	900	M02	M04	M06	M08	S01	908
Rough opening (W" x H")	14 <sup>1</sup> / <sub>2</sub> x 45 <sup>3</sup> / <sub>4</sub>	21 x 26 7/8	21× 37 <sup>7</sup> /8	21 x 45 <sup>3</sup> / <sub>4</sub>	21 x 54 <sup>7</sup> /16	21x 70 <sup>1</sup> / <sub>4</sub>	22 <sup>1</sup> / <sub>2</sub> × 22 <sup>15</sup> / <sub>16</sub>	22 <sup>1</sup> / <sub>2</sub> x 45 <sup>3</sup> / <sub>4</sub>	30 <sup>1</sup> / <sub>16</sub> x 30	30 <sup>1</sup> / <sub>16</sub> × 37 <sup>7</sup> / <sub>8</sub>	30 <sup>1</sup> / <sub>16</sub> x 45 <sup>3</sup> / <sub>4</sub>	$30^{1/16} \times 54^{7/16}$	44 <sup>1</sup> / <sub>4</sub> x 26 <sup>7</sup> / <sub>8</sub>	44 ½x 45 ¾
Outside frame (W"×H")	15 ½x 46 ¼	21 ½ x 27 ¾	21 <sup>1</sup> / <sub>2</sub> x 38 <sup>3</sup> / <sub>8</sub>	21 ½ x 46 ¼	21 ½ x 54 ½/16	21 <sup>1</sup> / <sub>2</sub> x 70 <sup>3</sup> / <sub>4</sub>	23 <sup>1</sup> / <sub>4</sub> x 23 <sup>7</sup> / <sub>16</sub>	23 <sup>1</sup> / <sub>4</sub> x 46 <sup>1</sup> / <sub>4</sub>	30 %16 x 30 ½	30 % x 38 3/8	30 % x 46 1/4	30 % x 54 ½ 15/16	44 <sup>3</sup> / <sub>4</sub> x 27 <sup>3</sup> / <sub>8</sub>	44 <sup>3</sup> / <sub>4</sub> x 46 <sup>1</sup> / <sub>4</sub>

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VELUX Recommended

VSS, VSE, VS & FS models onlyVSS, VS & FS models onlyFS models only

## **Curb Mounted Models**

FCM - Fixed Skylight (Can be installed sideways) VCS - Solar Powered Venting Skylight VCM - Manual Venting Skylight VCE - Electric Venting Skylight



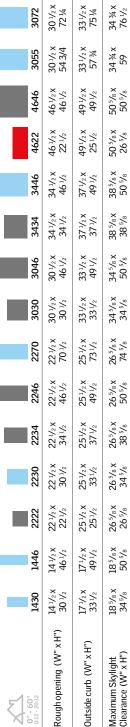




FCM/Custom FCM

VCS





46 1/2 x

4672

49 1/2 x

75 1/4

50 % x

76 1/2

■ All models ■ VCS & FCM models only ■ FCM models only Custom sizes available to a maximum of 50 ¾" x 76 ½",

Outside curb (W" x H")

Maximum Skylight Clearance (W" x H")

VELUX Recommended

# **NEW GSM SkyMax** custom series up to **32 sq. ft.** Call for details.

## 0° - 60° (0:12 - 20:12 Custom FCM - Fixed curb Mounted

				5	1	Z-21:0) OC	0.1.2)			
Maximum skylight clearance (inches)	18 %	19 - 26 ½	26 %	27 - 34 ½	34 %	35 - 38 ½	38 ¾	39 - 44 ¾	45 - 50 ½	50 %
18 % - 26 1/2	•		•	•	•	•	•		•	•
26 %	•	•	FCM 2222	•	•	•	FCM 3422		•	FCM 4622
27 - 34 1/2	•	•	•	•	•	•	•	•	•	•
34 %	FCM 1430	•	FCM 2230	•	FCM 3030	•	•		•	FCM 4630
35 - 38 1/2	•	•	•	•	•	•	•	•	•	•
38 %	•	•	FCM 2234	•	•	•	FCM 3434		•	•
39 - 44 %	•	•	•	•	•	•	•	•	•	•
45 - 50 1/2w	•		•	•	•	•	•		•	•
50 %	FCM 1446	•	FCM 2246	•	FCM 3046	•	•		•	FCM 4646
51 - 55 ¼	•		•	•	•	•	•		•	•
55 1/2 - 60 3/4	•	•	•	•	•	•	•		•	•
61 - 72	•		•	•	•	•	•		•	•
72 1/4 - 74 1/2	•	•	•	•	•	•	•	•	•	•
74 %	•	•	FCM 2270	•	•	•	•		•	•
75 - 76 1/2	•	•	•	•	•	•	•	•	•	•

# Made to Measure

Can be installed sideways for more size options







2. From 18%" to a maximum of 50%" 1. From 18% to a maximum of 76%



All dimensions are maximum skylight clearance. Some building codes require use of CleanComfortPlus or CleanEnergyPlus glass.

## **Roof Window Models**

GGL - Centre pivot roof window

GPL - Top hinged roof window

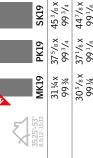












26 ½ x 46 ½ FK06

26 x 46<sup>3</sup>/<sub>8</sub>

52<sup>3</sup>/<sub>4</sub>x 55<sup>1</sup>/<sub>16</sub>

52<sup>3</sup>/<sub>4</sub>x 55<sup>1</sup>/<sub>16</sub>

44<sup>7</sup>/<sub>8</sub> x 46<sup>3</sup>/<sub>8</sub>

37¹/8 x 63

30 <sup>5</sup>/<sub>8</sub> x 55

30%x

30 <sup>5</sup>/<sub>8</sub> x 38 <sup>1</sup>/<sub>2</sub>

26 x 46 <sup>3</sup>/<sub>8</sub> 467/8

21<sup>5</sup>/<sub>8</sub>x 46<sup>3</sup>/<sub>8</sub>

53 <sup>1</sup>/<sub>4</sub> x UK08  $55^{1/2}$ 

531/4x

453/8x **SK06** 46 7/8

37 <sup>5</sup>/<sub>8</sub> x PK10  $63^{1/2}$ 

 $31^{1/4}x$ MK06

31 <sup>1</sup>/<sub>4</sub> x MK04 33

26<sup>1</sup>/<sub>2</sub>x

22 1/8 X

Rough opening (W" x H") Outside frame (W"xH")

46 7/8

FK06

€K06

GGL only

467/8 463/8

MK08 31 1/4 X  $55^{1/2}$ 

UK04 551/2 44<sup>7</sup>/<sub>8</sub>x 99<sup>1</sup>/<sub>4</sub>

99 3/4

## **Sun Tunnel Skylights**

Decorative diffuser upgrade options







**Triple Wave** ZTB 4005

Micro Fresnel

3:12 - 20:12



**Brushed Metal** ZTB 4006

Prismatic

ZTB 4007

ZTB 4008 Bubbles

ZTB 4009 Neutral Light

#### 54 5/16 x 54 5/16 47 1/4 x 47 1/4 120 x 120 CVP 46 7/16 x 66 1/8 100 x 150 393/x59 100150 46 7/16 x 46 7/16 393/8 x 393/8 100 x 100 100100 CFP 42 1/2 x 54 5/16 35 7/16 x 47 1/4 90 x 120 90120 35 7/6 x 35 7/6 42 1/2 x 42 1/5 06 × 06 0606 $38\% \times 38\%$ 31 1/2 x 31 1/2 80 x 80 8080 30 11/16 x 42 1/2 23 5/8 x 35 7/16 06 × 09 0609 CFP – Flat Roof Skylight CVP – Flat Roof Manual Venting Skylight $30^{11}/16 \times 30^{11}/16$ 23 5/8 x 23 5/8 09 × 09 909 Flat Roof Models CXP - Flat Roof Exit Rough opening (WxH) cm Exterior frame (W"xH") Rough opening (W"xH")

% 99 x % 99

All models • CFP model only • CFP & CVP models only

150×150 150150

120120

59 x 59

## **VELUX Blind Collection**



## **Limited Warranty Summary**

This Warranty applies to products manufactured as of January 1<sup>st</sup>, 2010. Please contact VELUX for warranty information for product manufactured prior to 2010.

#### VELUX Skylights & Roof Windows

20 YEARS: Parts on seal failure (moisture between glass

panes).

**10 YEARS:** Parts for defective skylights, roof windows

and flashings.

10 YEARS: Laminated glass with Neat coating and

triple pane products on cracking or breakage

due to hail.

#### **VELUX Sun Tunnel Skylights**

20 YEARS: Parts for Rigid Tunnel reflection-enhanced

material (surface deterioration).

**10 YEARS:** Parts (corrosion and deterioration).

## VELUX Electrical Systems & Sunscreening Accessories

**5 YEARS:** Parts for electrical systems and

sunscreening accessories.

Limited labour warranty included. See velux.ca or call for full warranty details.

### **Energy Star**



Canada has adopted a simple, single zone criteria for Energy Star rating.

VELUX has the best selection of Energy Star certified skylights and Sun Tunnels. Not only do we have products that meet Energy Star to save your clients money but they are all rigorously tested to perform in the harshest and most extreme climates.

For more information on Energy Star visit www.nrcan.gc.ca/energy