



VELUX Skylights

Curb Mounted Skylight Guide



Bringing light to life™



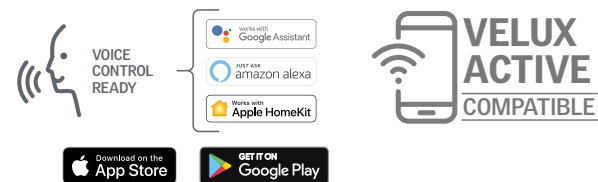
The Smart Skylight

Imagine a skylight that thinks for itself

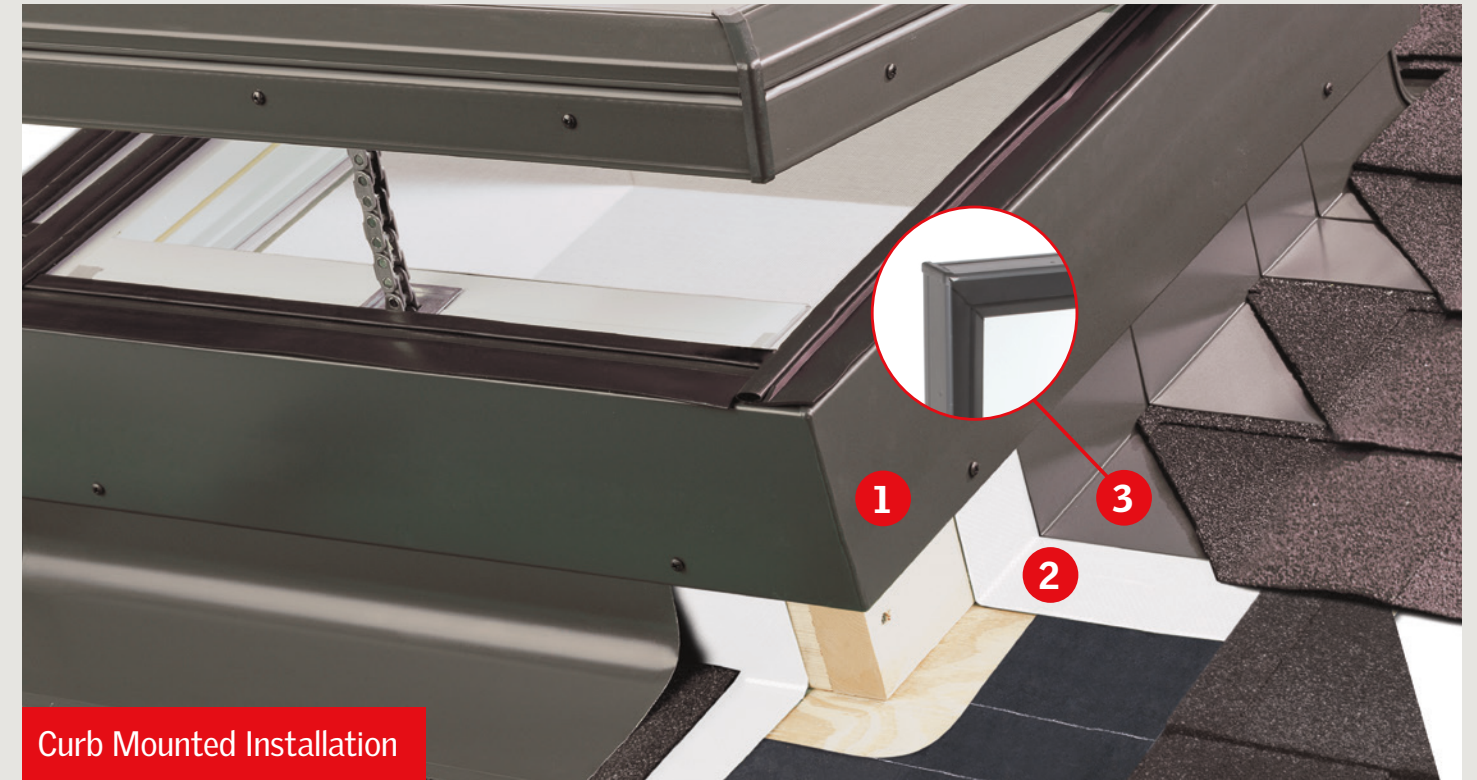
VELUX ACTIVE WITH NETATMO

Our most innovative skylight gets even better when paired with VELUX ACTIVE, your home's climate control and monitoring system. VELUX ACTIVE's sensor-based controls automatically adjust your skylights and blinds to create the ideal temperature and air quality for your home.

Download your VELUX ACTIVE app now for a smarter, healthier home.



VELUX ACTIVE
Smart sensor-based operation
of your VELUX skylights,
and blinds.
with
NETATMO



Curb Mounted Installation

3 Layers of Protection

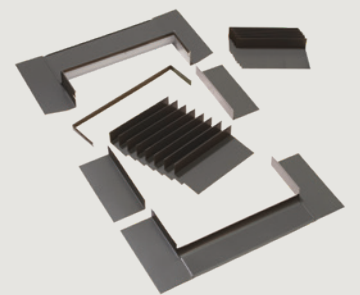
The No Leak Skylight



Three patented layers of water protection

At VELUX, we've developed three patented layers of water protection against water infiltration to safeguard your house against damaging leaks. Our No Leak Skylight carries a 20 year warranty on glass, for more information on the warranty see velux.ca for full details.

- 1 Gasket**
The pre-attached curb gasket provides an airtight and caulking-free seal between the site-built curb and the skylight.
- 2 Adhesive Underlayment**
The adhesive underlayment provides secondary water protection throughout the harshest weather conditions.
- 3 Flashing**
Easy to install engineered flashing is the primary water protection.



A Skylight for Every Ceiling

Flat, Vaulted, Sun Tunnel®

Have you considered installing a skylight then looked up at your flat ceiling and thought that there's just no way? You're not alone! One of the most common misconceptions about skylights is that they can only be installed in homes with vaulted ceilings. But we're here to tell you that's not the case. In fact, skylights can be installed on a pitched roof with a flat interior ceiling and they can also be installed in flat roof structures.



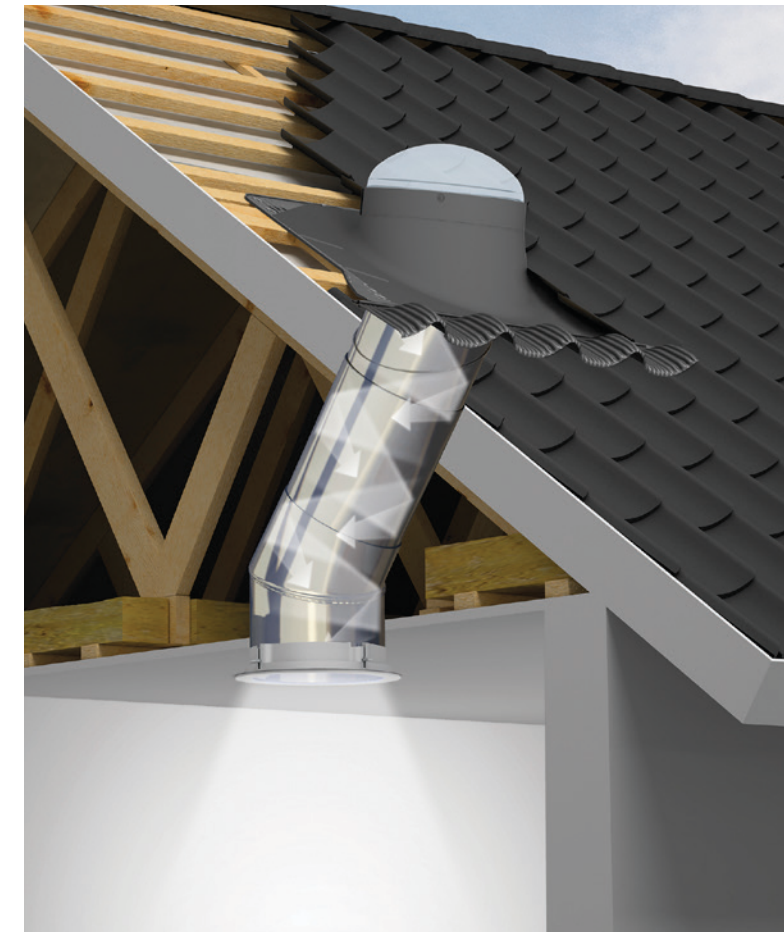
These are not your parents' or just any skylight. It's a VELUX!

With a VELUX skylight, you are providing your family with peace of mind that your skylight will withstand the standard life of a roof. VELUX is the industry leader in design, innovation and technology. Our product quality is based on years of design refinement and improvements.

The VELUX advantage:

- No exposed screws eliminating the weak points in the frame.
- Dry seal skylight installation is the best installation for Canada. 'Wet seals' including caulking or other sealants will break down over time, requiring yearly maintenance and leaks.
- 'Fresh air' skylights allow for natural ventilation of your home.
- Smart Home Skylight Control improves your indoor air quality.
- Full range of skylights products, accessories and installation methods.

We are Canada's preferred and most trusted skylight manufacture with 80 years of innovation and performance excellence.



Flat Ceiling



Here's how it works.

Pitched roof and flat interior ceiling:

- 1 Skylight is installed on the exterior of the roof and tied into the roof system using our 3 layers of water protection.
- 2 An insulated shaft is built to connect the opening on the roof to the flat ceiling. The skylight on the inside is tied into the air barrier of your home to prevent condensation. Your installer will discuss how the shaft can be flared to maximize the light and create drama in your home.

NOTE: This installation can take 1-5 days depending on how deep the shaft is and how it is finished.

Vaulted Ceiling



The advantage to vaulted ceilings during skylight installation is that without attic space between the roof and your home's interior, there's no need for a light shaft. So, once your skylight is installed, the work's all done.

Sun Tunnel®



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 uninhibited.

3 Types of Installation

Deck Mounted, Curb Mounted, 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 roofing 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.

VR VELUX Recommended

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 roofing pitch is 3:12.



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 show box: the curb is the box and the skylight is the box lid. Minimum roof pitch is 0:12, however we recommend a 5° slope for water shed.

TCR only
 14° - 60°
 3:12 - 20:12
 0° - 30°
 0:12 - 7.5:12



How a Sun Tunnel works:
 1. Sunlight is captured on the roof.
 2. Light travels through highly reflective tunnel.
 3. Light is distributed in room.

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.

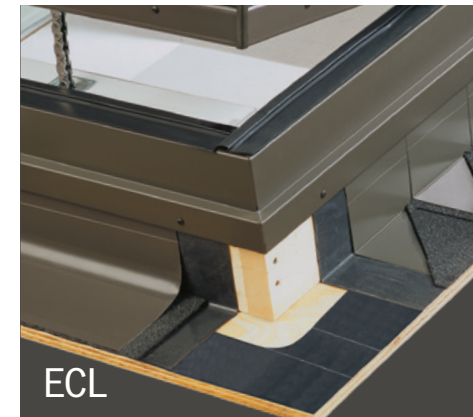
Flashing Systems

Curb Mounted

VELUX Skylight Flashing Kits are a crucial part of our complete system designed to shed water without relying on sealants that can break down over time. No matter the scope of your project, we offer a variety of skylight flashing systems to ensure a weather-tight fit for virtually all roof types and slopes so you can easily install the skylight of your dreams.

Curb Mounted Flashing Systems

VELUX curb mounted flashing systems come with a pre-attached skylight gasket, which provides a tight seal between the site-built curb and skylight. When combined with an included adhesive underlayment and engineered flashing, they create a seal to ensure no water leaks around your skylight.



Curb Mounted Skylights

Roofing material	Roof pitch	Flashing kit required
Asphalt shingles	2:12 to 20:12 10° - 60°	ECL
Cedar shingles (machine cut)	2:12 to 20:12 10° - 60°	ECL
Cedar shakes (hand split) greater than 3/4"	3:12 to 20:12 14° - 60°	ECW
Tiles - Spanish, concrete	3:12 to 20:12 14° - 60°	ECW
Metal - any type	3:12 to 20:12 14° - 60°	Call VELUX for details
Rubber roofing, membrane eg. TPO, EPDM	Less than 3:12 0° - 14°	Call VELUX for details

Bringing light to life

Why Skylights

Daylight is powerful. It redesigns the look and feel of our home every hour of the day. It balances our circadian rhythm, improves our general health and well-being, decreases our dependency on electricity, and gives functionality back to our space. We often ask, "Why skylights," but with endless reasons why you should install a skylight, the question becomes more, "Why not skylights?"

Why VELUX

For over 75 years, VELUX has pioneered the roof window and skylight market. Our focus has always been on creating the best quality, most energy efficient daylight products available. Take advantage of our experience and reimagine your home in daylight with VELUX skylights.

A Must-Have for Your Home

Homes that are warm, inviting, and full of light are homes full of life. Before browsing paint colours, ordering fabric swatches, or thumbing through catalogues for inspiration, look up. The most unnoticed yet impactful wall in every room can be your next design space. Change more than just your wall colour, transform the look and feel of your entire home with skylights.





Solar Powered "Fresh Air" Skylight VCS Model

When you pair natural light with fresh air, you open your home to a world of crisper, cleaner air and brighter days. The VELUX Solar Powered "Fresh Air" Skylight uses the power of the sun to refresh your home with the touch of a button.

- The skylight features a solar panel that captures available daylight to recharge a battery-powered operator and control system.
- Fitted with a rain sensor, your skylight will close in case of inclement weather.
- Compatible with VELUX ACTIVE: your home's climate control and monitoring system. *See page 2*
- Laminated glass is standard on all VCS models. *See page 18*



Hey Google... Open my Skylights.

VOICE CONTROL READY

KLI 110 remote included

Free installation of in-stock blinds available

NOTE: If condensation and humidity are a concern, install above 14°.

VCS size code	2222	2234	2246	3030	3046	3434	4622	4646
Inside curb/rough opening (W" x H")	22 ½ x 22 ½	22 ½ x 34 ½	22 ½ x 46 ½	30 ½ x 30 ½	30 ½ x 46 ½	34 ½ x 34 ½	46 ½ x 22 ½	46 ½ x 46 ½
Outside curb (W" x H")	25 ½ x 25 ½	25 ½ x 37 ½	25 ½ x 49 ½	33 ½ x 33 ½	33 ½ x 49 ½	37 ½ x 37 ½	49 ½ x 25 ½	49 ½ x 49 ½
Maximum Skylight Clearance (W" x H")	26 ¾ x 26 ¾	26 ¾ x 38 ¾	26 ¾ x 50 ¾	34 ¾ x 34 ¾	34 ¾ x 50 ¾	38 ¾ x 38 ¾	50 ¾ x 26 ¾	50 ¾ x 50 ¾

*For more information visit: velux.ca





Electric "Fresh Air" Skylight VCE Model


As the ideal daylighting solution for your home, the VELUX Electric "Fresh Air" Skylights bring in abundant natural light and, with the touch of a button, open to let fresh air in. Your home can be brighter and feel fresher with the combined power of light and air from your skylight.


- A pre-installed concealed motor and control system lets you easily open and close with remote.
- Fitted with a rain sensor, your skylight will automatically close at the first signs of rain.
- Compatible with VELUX ACTIVE: your home's climate control and monitoring system. *See page 2*
- Laminated glass is standard on all VCE models. *See page 18*

Hey Google... Open my Skylights.



KL1110
remote included

 **Free installation**
of standard blinds available

 **NOTE:** If condensation and humidity are a concern, install above 14°.

VCE size code	2222	2234	2246	3030	3046	3434	4646
Inside curb/ rough opening (W" x H")	22 ½ x 22 ½	22 ½ x 34 ½	22 ½ x 46 ½	30 ½ x 30 ½	30 ½ x 46 ½	34 ½ x 34 ½	46 ½ x 46 ½
Outside curb (W" x H")	25 ½ x 25 ½	25 ½ x 37 ½	25 ½ x 49 ½	33 ½ x 33 ½	33 ½ x 49 ½	37 ½ x 37 ½	49 ½ x 49 ½
Maximum Skylight Clearance (W" x H")	26 ¾ x 26 ¾	26 ¾ x 38 ¾	26 ¾ x 50 ¾	34 ¾ x 34 ¾	34 ¾ x 50 ¾	38 ¾ x 38 ¾	50 ¾ x 50 ¾





Manual "Fresh Air" Skylight VCM Model

Embrace the best of what nature has to offer with the VELUX Manual "Fresh Air" Skylight. With the ability to open for maximum fresh air, this venting skylight contributes to your home's proper balance and comfort level to create a healthier environment.

- Factory pre-finished white frames and sashes provide a high quality finish, eliminating the need to paint.
- Smooth-turning handles and rods to easily open skylights.



Crank handle included.



Free installation
of standard blinds available

NOTE: If condensation and humidity are a concern, install above 14°.

VCM size code		2222	2234	2246	3030	3046	3434	4646
Inside curb/rough opening (W" x H")		22 ½ x 22 ½	22 ½ x 34 ½	22 ½ x 46 ½	30 ½ x 30 ½	30 ½ x 46 ½	34 ½ x 34 ½	46 ½ x 46 ½
Outside curb (W" x H")		25 ½ x 25 ½	25 ½ x 37 ½	25 ½ x 49 ½	33 ½ x 33 ½	33 ½ x 49 ½	37 ½ x 37 ½	49 ½ x 49 ½
Maximum Skylight Clearance (W" x H")		26 ¾ x 26 ¾	26 ¾ x 38 ¾	26 ¾ x 50 ¾	34 ¾ x 34 ¾	34 ¾ x 50 ¾	38 ¾ x 38 ¾	50 ¾ x 50 ¾

*For more information visit: velux.ca





Fixed Skylight FCM Model

VELUX Fixed Skylights are perfect for visually expanding and transforming areas, such as hallways, stairwells, and other closed-in, dark spaces with bright light and sky views. As an economical choice, fixed skylights create a spacious home full of natural light.

- Provides twice as much light than vertical windows.



Free installation
of standard blinds available



NOTE: If condensation and humidity are a concern, install above 14°.

FCM size code	1430	1446	2222	2230	2234	2246	2270	3030	3046	3434	3446	4646	3055	3072	4672
Inside curb/rough opening (W" x H")	14 1/2 x 30 1/2	14 1/2 x 46 1/2	22 1/2 x 22 1/2	22 1/2 x 30 1/2	22 1/2 x 34 1/2	22 1/2 x 46 1/2	22 1/2 x 70 1/2	30 1/2 x 30 1/2	30 1/2 x 46 1/2	34 1/2 x 34 1/2	34 1/2 x 46 1/2	46 1/2 x 46 1/2	30 1/2 x 54 3/4	30 1/2 x 72 1/4	46 1/2 x 72 1/4
Outside curb (W" x H")	17 1/2 x 33 1/2	17 1/2 x 49 1/2	25 1/2 x 25 1/2	25 1/2 x 33 1/2	25 1/2 x 37 1/2	25 1/2 x 49 1/2	25 1/2 x 73 1/2	33 1/2 x 33 1/2	33 1/2 x 49 1/2	37 1/2 x 37 1/2	37 1/2 x 49 1/2	49 1/2 x 49 1/2	33 1/2 x 57 3/4	33 1/2 x 75 1/4	49 1/2 x 75 1/4
Maximum Skylight Clearance (W" x H")	18 5/8 x 34%	18 5/8 x 50%	26 3/8 x 26%	26 3/8 x 34%	26 3/8 x 38%	26 3/8 x 50%	26 3/8 x 74%	34 3/8 x 34%	34 3/8 x 50%	38 3/8 x 38%	38 3/8 x 50%	50 3/8 x 50%	34 3/8 x 59	34 3/8 x 76 1/2	50 3/8 x 76 1/2

*For more information visit: velux.ca



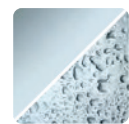


Safest Glass to Live Under

Laminated Glass with Neat® glass coating

When selecting a VELUX Curb Mounted Skylight, you have the option of our most-recommended, top-rated glass:

Laminated glass. This glass comes with state-of-the-art, energy-conserving LoE glass, designed to keep your home warmer in the winter and cooler in the summer.



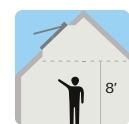
Clean

Skylights stay cleaner longer with Neat® glass coating.



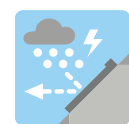
Quiet

Reduces unwanted outside noise by up to 25% compared to a standard double pane glass and up to 50% compared to a plastic skylight.



Safe

Unlike tempered, this glass does not shatter into pieces when cracked, a building code requirement for all out-of reach applications.



Hail warranty*

10 year warranty on cracking or breakage due to hail.

*Hail warranty is subject to certain conditions.

Glass Packages



Basic Glass: Tempered Glass

(05 code)

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



CleanComfortPlus:

Laminated Glass (04 code)

- Exterior tempered safety glass for overhead skylights.
- Laminated interior pane for added safety and protection from UV rays.
- Excellent energy efficient and thermal performance.
- Neat® coating for a Clean, Quiet, Safe and 10-year hail warranty.



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.
- Neat® coating for a Clean, Quiet, Safe and 10-year hail warranty.



CleanEnergyPlus:

Laminated Glass (10 code)

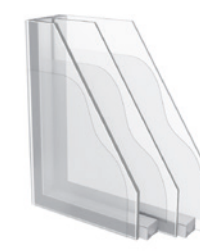
- Available in curb mounted Solar Venting Skylights.
- Exterior tempered safety glass for overhead skylights.
- Tempered and laminated inner pane for additional strength for high snow load
- High energy efficient and thermal performance.
- Neat® coating for a Clean, Quiet, Safe and 10-year hail warranty.
- Triple coated with LoE, dual sealed and injected with Argon gas.



Triple pane laminated

(29 code)

- Exterior 2 panes are tempered safety glass.
- Interior 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.



Complete Light Control

Factory-Installed Blinds

Finish the look of your space by pairing blinds to your VELUX Curb Mounted Skylights. VELUX offers a wide selection of factory-installed blinds that range from completely darkening an entire room to softly diffusing incoming light, giving you ultimate light control. Over 60 special order blinds are also available.*

	Standard blind colours ¹				SPECIAL ORDER BLIND COLOURS														
 In-Stock Room-Darkening Double-Pleated Blinds <i>Solar-powered or manual</i>	Room Darkening																		
	White 1045	Beige 1155	Golden beige 1049	Green 1157	Grey 1158	Brown 1159	Charcoal 1047	Blue 1156	Raspberry 1051	Yellow 1160	Orange 1161	Cherise 1162							
 In-Stock Light-Filtering Single-Pleated Blinds <i>Solar-powered or manual</i>	Light Filtering																		
	White 1016	Classic sand 1259	Snowy white 1255	Classic white 1256	Wavy white 1257	Delightful cream 1258	Misty brown 1260	Lovely latte 1261	Infinity grey 1262	Metallic gold 1263	Cappuccino 1264	Metallic blue 1265							
 In-Stock Venetian Blinds <i>Manual - FCM model only</i>	Venetian																		
	White 7001	Spingled gold 7056	Brushed silver 7057	Charcoal 7012	Midnight blue 7058	Burned nougat 7059	Passionate red 7060	Wedge wood 7061											



Bringing light to life™



Call or visit our website to find a trained and certified member of the **VELUX Installer Program** in your area.

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SUITABILITY: Determining the suitability and compliance with local or other applicable building codes or standards, of all building components, including the use of any VELUX products, and the design and installation of any flashing, is the responsibility of the buyer, user, architect, contractor, installer, and/or other construction professional. VELUX will not be liable for any problem or damage relating to inappropriate or faulty building design or construction, maintenance, installation, or selection of products. Skylights, Roof Windows and Sun Tunnels are only one element of a structure; VELUX does not warrant that third party certification of a building or project to any specific standard will be achieved through the use of any VELUX product.

Contact VELUX to discuss the best suited skylight for your application at 1 800-888-3589.

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