

VELUX®

Skylights

Residential skylights

Bringing light to life™

HGTV
**SMART
HOME**
2017
PROUD SPONSOR

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Why VELUX skylights

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The VELUX House

The possibilities are endless

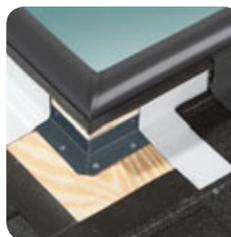
Roof windows are perfect for upper floor bonus rooms where they will be within reach for easy opening. Features include a sash that rotates inward for easy cleaning from the inside and a ventilation flap that allows for fresh air circulation when the window is closed.



Pages 35-42

Eligible for a
30%
Federal tax credit
Receive an average of \$850* on product and installation with federal tax credit eligibility

The Solar-Powered "Fresh Air" Skylight features a solar panel that charges an internal battery and control system. The skylight is remote controlled and solar-powered, which means it requires no additional wiring, making for easy and cost effective installation. An integrated rain sensor closes the unit in case of rain, and it is a No Leak Skylight, with our 3 layers of water protection, covered by our 10-year installation warranty.



Pages 9-12

The No Leak Skylight™
• No Leak Promise • No Worries





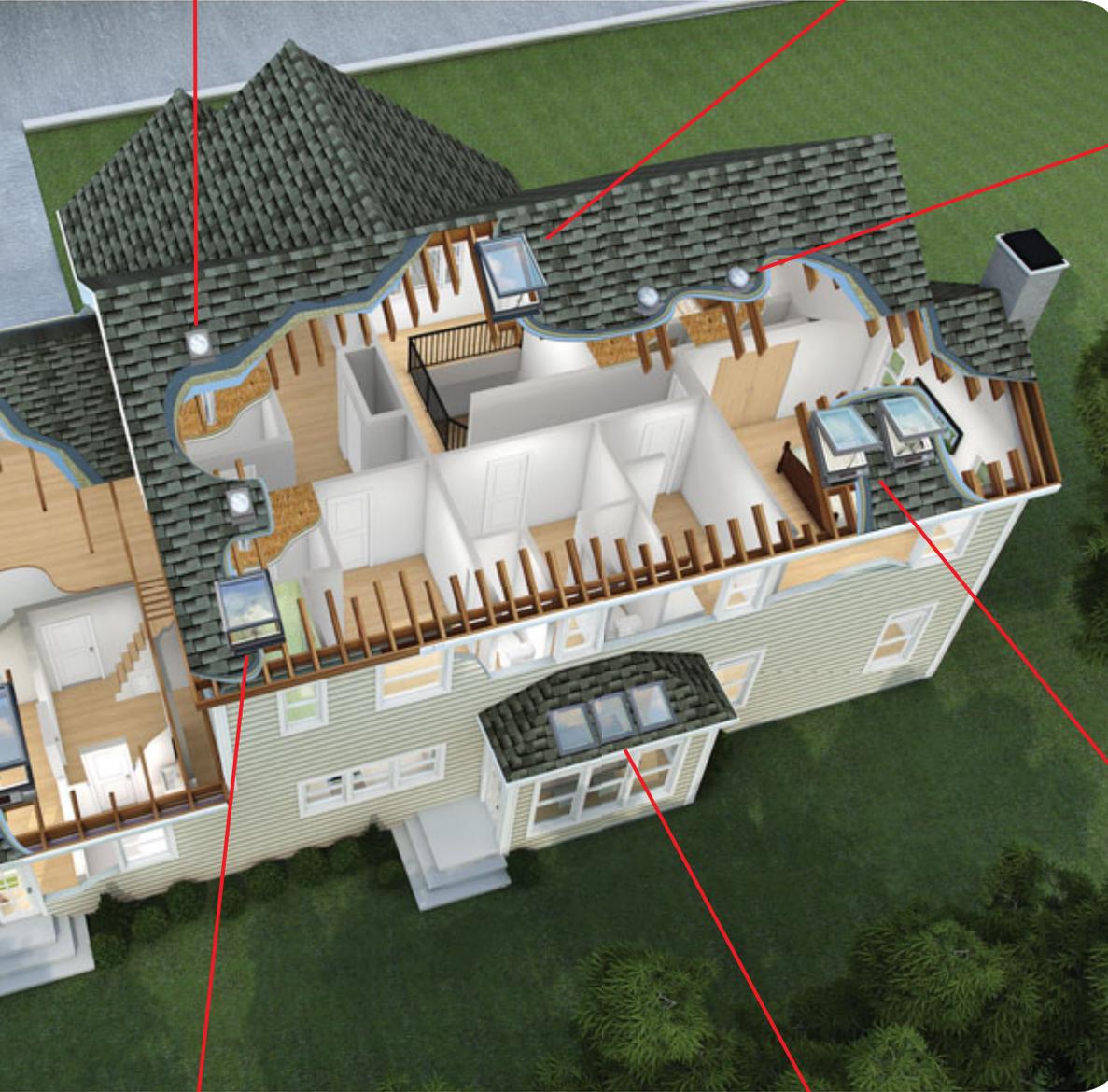
The flat glass, low profile Sun Tunnel Skylight creates a sleek look on any roofline, and is perfect for those developments where local ordinances do not allow domed skylights.

Page 51



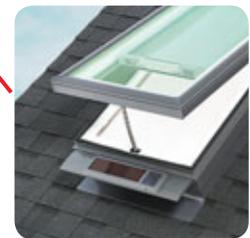
The electric "Fresh Air" models feature pre-mounted Pick&Click!™ system brackets, making installation of sunscreen blinds a snap. A single hard wire connects to a standard junction box.

Pages 13-16



The Sun Tunnel Skylight are a great way to bring natural light into areas where a window may be impractical.

Pages 49-54



The Solar-Powered "Fresh Air" Skylight is available for both deck-mounted and curb-mounted applications.

Pages 9-12



The manual "Fresh Air" skylights open and close using a control rod that operates a smooth turning handle when the skylight is out of reach.

Pages 17-20



Our fixed skylights feature a pre-finished white wood frame and protective aluminum or copper cladding. The streamlined exterior profile does not obstruct your roofline.

Pages 21-26

The logical choice for any skylight installation

See how easy it is to upgrade to a Solar-powered "Fresh Air" Skylight

Considering adding daylight and fresh air to your home? See how easy and affordable it is. With a 30% federal tax credit, homeowners receive an average federal tax credit eligibility.



Fixed Skylight

Solar-powered "Fresh Air" Skylight

Considering just a fixed skylight?

Upgrade from a fixed skylight to a Solar-powered "Fresh Air" Skylight with all the features for around **\$100 after tax credit eligibility!***



Manual "Fresh Air" Skylight

Solar-powered "Fresh Air" Skylight

Considering just a fresh air skylight?

Upgrade from a Manual "Fresh Air" Skylight to a Solar-powered "Fresh Air" Skylight with all the features and **save around \$140 after tax credit eligibility!***

* For more information, visit: veluxusa.com/taxcredits



Deck-mounted Solar-powered "Fresh Air" Skylight



Curb-mounted Solar-powered "Fresh Air" Skylight



Clean, Quiet & Safe glass



Clean

Features Neat® glass coating to keep your skylight cleaner longer, leaving skylights virtually spotless



Quiet

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



Safe

VELUX recommends and building codes require laminated glass for out of reach applications



Intelligent touch remote control powered by VELUX INTEGRA®

Included with your skylight is the intelligent touch remote control powered by VELUX INTEGRA®. With the touch-sensitive screen and easily understood icons, programming skylights has become simpler than ever.



Shift Your Outlook.



It's time to take a fresh look at your ceiling. With added design space, it's more than a roof over your head. It's your fifth wall. With the touch of a button, VELUX skylights transform spaces with fresh air and daylight from above, so you can aim higher than the average wall. Learn more at whyskylights.com.

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VELUX®

Skylights

Fifth Wall

Shift Your Outlook

They say the quietest people have the loudest minds. The same can be said for the most unnoticed yet impactful wall in every room – the ceiling. It's more than a roof over your head and more than a surface to be painted white and forgotten. As an unexpected design space with a direct connection to the great wide open, it's your Fifth Wall.

This untapped design opportunity has the power to completely transform spaces from top to bottom. The Fifth Wall allows you to set your sights higher than the average wall. That's why skylights are a must-have on your home renovation to-do list.

When in need of a fresh perspective, all you have to do is look up.

Choosing the right glass

Clean, Quiet & Safe glass - Recommended for out of reach applications



Tempered glass (xx05)

Clean, Quiet & Safe glass (xx04) *Dual-pane laminated glass*
Standard on: VSS, VCS, VSE, VCE skylights



Clean, Quiet & Safe glass also available in the following options:

Impact (xx06)

Available on: VSS, VSE, VCS, VCE, VS, VCM, FS, FCM, QPF

White laminated (xx08)

Available on: VSE, VCE, VS, VCM, FS, FCM, QPF

Snowload (xx10)

Available on: VSE, VCE, VS, VCM, FS, FCM, VSS

Clean

Silicon dioxide makes Neat® glass exceptionally smooth. In fact, it's much smoother than ordinary glass. So water disperses evenly, "sheets off" and evaporates quickly, greatly reducing water spotting.

Titanium dioxide reacts chemically with the sun's UV rays, causing organic materials that are on the glass to decompose. It works even on cloudy days, as 80 percent of UV radiation gets through cloud cover. Then when it rains, the decomposed dirt is rinsed away, leaving the glass almost spotless. Result? Homeowners can spend less time washing windows and more time enjoying the view.

When Neat® is applied to LowE glass, it combines the ultimate in low maintenance with the best energy-conserving LowE glass on the planet. So homes stay warmer in winter, cooler in summer. Neat® LowE conserves energy year-round, too, saving homeowners up to 25 percent annually.



Quiet

Reduce unwanted outside noise by up to 25% compared to a standard double-pane glass, and up to 50% compared to a plastic skylight



Safe

VELUX recommends and building codes require laminated glass for out of reach applications

Choosing the right glass

Tempered glass - Recommended for in reach applications



Dual pane tempered glass

Tempered glass (xx05)

If your skylight is within reach, our tempered glass consists of a dual-pane, triple-coated with LowE3, dual-sealed and injected with argon gas. This provides excellent energy efficiency and thermal performance for year-round comfort.

ENERGY STAR®

Use of ENERGY STAR® products

One of the most straightforward ways to meet the energy codes as a builder or architect, while still designing bright, airy buildings, is to use ENERGY STAR® certified products.

Most VELUX products are ENERGY STAR® certified in all 50 states, which means that they meet strict energy efficiency standards set by the Environmental Protection Agency (EPA). ENERGY STAR® fenestration products must have their U-factor, Visible Transmittance, and Solar Heat Gain Coefficient tested and certified by the National Fenestration Rating Council (NFRC) in order to qualify.

By specifying or using ENERGY STAR® products, architects and builders can use more windows and skylights to bring much needed daylight and fresh air inside. Create more attractive buildings and more livable spaces while still meeting the local energy codes economically.

In warmer climates, there is great potential for lighting energy savings using emerging control technologies in combination with more effective daylighting products like VELUX skylights and Sun Tunnel skylights.

Visit: energystar.gov for more information.



Solar-Powered "Fresh Air" Skylights

Deck-mounted - VSS
Curb-mounted - VCS

**The
No Leak
Skylight**

No Leak Promise
No Worries

30%

Eligible
federal tax credit
on product and
installation*



*For more information visit: veluxusa.com/taxcredits



Fifth Wall Design Tip
blinds for overhead color accents

Special order blinds

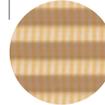
Room darkening - double-pleated blinds

Solar-powered

Authentics		Basics		Dynamics	
					
1049 Golden beige	1159 Brown	1156 Blue	1051 Raspberry	1162 Cherise	1160 Yellow
Dynamics					
					
1161 Orange					

Light filtering - single-pleated blinds

Solar-powered

Lights			Naturals		Shadows	
						
1255 Snowy white	1256 Classic white	1257 Wavy white	1258 Delightful cream	1262 Infinite grey	1263 Metallic gold	
Shadows		Masters			Blossoms	
						
1265 Metallic blue	1266 Luscious lime	1267 Burned orange	1268 Delightful blue	1269 Classic red	1270 Sunny stripes	
Blossoms						
						
1271 Sunny yellow	1272 Sunny blue	1273 Sunny orange				

Blackout blinds-flat

Solar-powered

Essentials					
					
1025 White	4555 Pale blue	1085 Beige	4556 Beige	1705 Light grey	4558 Essential pattern
Darks					
					
4559 Dark brown	1100 Blue	4560 Dark red	2055 Blue	4561 Dark purple	4562 Dark pattern

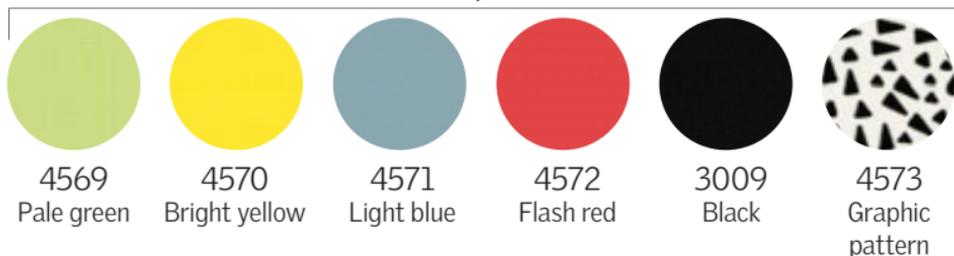
Blackout blinds-flat (cont.)

Solar-powered

Vegetals



Graphics



Light filtering blinds-flat

Solar-powered

Minimalists



Romantics



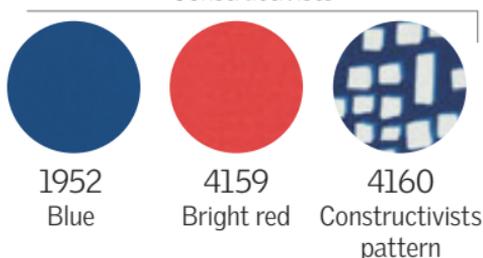
Romantics



Constructivists



Constructivists



Note: Special order blinds ship separately from your skylight. Please allow 2 weeks for delivery.
*For more information visit: veluxusa.com/taxcredits

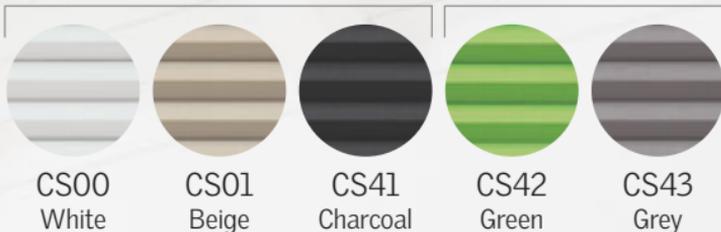
Factory-installed blinds

Ten factory-installed blinds are available to include in the purchase of your skylight. The blind uses its own independent, built-in solar panel and power system.

In-stock room darkening - double-pleated blinds (Solar-powered)

Basics

Authentics



In-stock light filtering - single-pleated blinds (Solar-powered)

Lights

Naturals

Shadows



30%

Federal tax credit on solar-powered blinds*

Available in room darkening - double-pleated blinds, blackout blinds, light filtering - single-pleated blinds and light filtering blinds

* For more information visit: veluxusa.com/taxcredits



Clean, Quiet & Safe glass

All VSS and VCS skylights come standard with Clean, Quiet & Safe glass.

Intelligent touch remote control

Included with your skylight is the intelligent touch remote control powered by VELUX INTEGRA®. Comes with pre-programmed settings for ease of use.



Solar-powered "Fresh Air" Skylights

Deck-mounted - VSS
Curb-mounted - VCS

The No Leak Skylight
No Leak Promise
No Worries

30%
Eligible federal tax credit on product and installation*



Solar-powered "Fresh Air" deck-mounted No Leak Skylight - VSS



VELUX Integra® control pad included



Solar-powered "Fresh Air" curb-mounted No Leak Skylight - VCS



VELUX Integra® control pad included

Benefits:

- With a 30% federal tax credit, homeowners receive an average of \$850* in savings with federal tax credit eligibility.
- Features a solar panel that captures any available daylight to recharge a highly efficient, fully concealed, battery-powered operator and control system.
- Replace a fixed or manual skylight easily because no wiring is required.
- Available in deck and curb-mounted applications.

*For more information visit: veluxusa.com/taxcredits

Model	Roof Pitch	Model	Model	Model	Model	Model	Model	Model	Model	Model	
Model VSS	14° - 85° 3:12 - 137:12	C01	C04	C06	C08	M02	M04	M06	M08	S01	S06
Rough opening (W-in. x H-in.)		21 x 26 7/8	21 x 37 7/8	21 x 45 3/4	21 x 54 7/16	30 1/16 x 30	30 1/16 x 37 7/8	30 1/16 x 45 3/4	30 1/16 x 54 7/16	44 1/4 x 26 7/8	44 1/4 x 45 3/4
Model VCS	0° - 60° 0:12 - 20:12	2222	2234	2246	3030	3046	3434	4622	4646		
Outside curb (W-in. x H-in.)		25 1/2 x 25 1/2	25 1/2 x 37 1/2	25 1/2 x 49 1/2	33 1/2 x 33 1/2	33 1/2 x 49 1/2	37 1/2 x 37 1/2	49 1/2 x 25 1/2	49 1/2 x 49 1/2		

Please reference the price list for a full description of all sizes and glass options.



**Fifth Wall
Design Tip**

transform dark bonus
rooms with light

Electric "Fresh Air" Skylights

Deck-mounted - VSE
Curb-mounted - VCE

**The
No Leak
Skylight**
No Leak Promise
No Worries





Fifth Wall Design Tip
illuminate the geometry of structural beams

Special order blinds

Room darkening - double-pleated blinds

Solar-powered

Authentics		Basics		Dynamics	
					
1049 Golden beige	1159 Brown	1156 Blue	1051 Raspberry	1162 Cherise	1160 Yellow
Dynamics					
					
1161 Orange					

Light filtering - single-pleated blinds

Solar-powered

Lights			Naturals		Shadows
					
1255 Snowy white	1256 Classic white	1257 Wavy white	1258 Delightful cream	1262 Infinite grey	1263 Metallic gold
Shadows		Masters			Blossoms
					
1265 Metallic blue	1266 Luscious lime	1267 Burned orange	1268 Delightful blue	1269 Classic red	1270 Sunny stripes
Blossoms					
					
1271 Sunny yellow	1272 Sunny blue	1273 Sunny orange			

Blackout blinds-flat

Solar-powered

Essentials					
					
1025 White	4555 Pale blue	1085 Beige	4556 Beige	1705 Light grey	4558 Essential pattern
Darks					
					
4559 Dark brown	1100 Blue	4560 Dark red	2055 Blue	4561 Dark purple	4562 Dark pattern

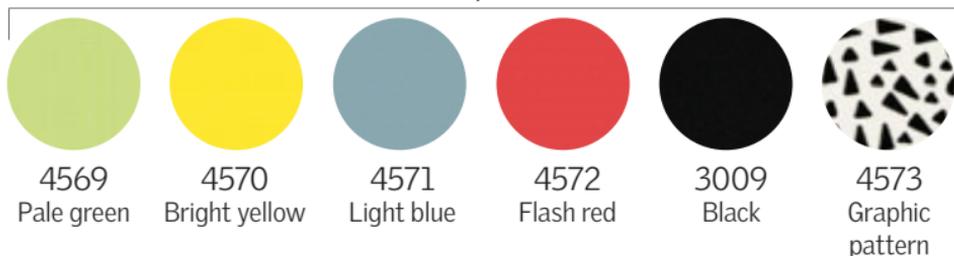
Blackout blinds-flat (cont.)

Solar-powered

Vegetals



Graphics



Light filtering blinds-flat

Solar-powered

Minimalists



Romantics



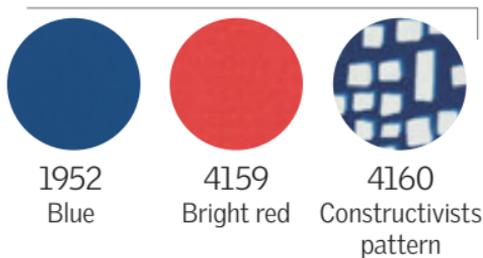
Romantics



Constructivists



Constructivists



Note: Special order blinds ship separately from your skylight. Please allow 2 weeks for delivery.
*For more information visit: veluxusa.com/taxcredits

Factory-installed blinds

Ten factory installed blinds are available to include in the purchase of your skylight. The blind uses its own independent, built-in solar panel and power system.

In-stock room darkening - double-pleated blinds
(Solar-powered)

Basics

Authentics



In-stock light filtering - single-pleated blinds
(Solar-powered)

Lights

Naturals

Shadows



30% Federal tax credit on solar-powered blinds*
Available in room darkening - double-pleated blinds, blackout blinds, light filtering - single-pleated blinds and light filtering blinds

* For more information visit: veluxusa.com/taxcredits



Clean, Quiet & Safe glass

All VSE and VCE skylights come standard with Clean, Quiet & Safe glass.

Intelligent touch remote control

Included with your skylight is the intelligent touch remote control powered by VELUX INTEGRA®. Comes with pre-programmed settings for ease of use.





**Fifth Wall
Design Tip**

accent vaulted ceiling
with light and paint

Manual "Fresh Air" Skylights

Deck-mounted - VS
Curb-mounted - VCM

**The
No Leak
Skylight**

No Leak Promise
No Worries





Fifth Wall Design Tip
bring in cool breezes with Fresh Air Skylights

Energy Performance model for any Manual "Fresh Air" Skylight

In the Energy Performance box

✓ Manual "Fresh Air" Skylight

Triple LoE, dual-sealed, argon-gas-filled glass. Meets ENERGY STAR® requirements in all climate zones.



✓ Factory solar performance

Solar-powered blackout performance

Manual "Fresh Air" Skylight



Upgrade to the Energy Performance Model and recover an average of **73% of actual price paid for product after tax credit eligibility***

Seasonal automation optimizes energy

Easily program your remote control for winter and summer modes. This allows the homeowner to control blind positioning based on outside conditions reducing energy dependency and maximizing home efficiency.



Blinds automatically close at night during winter months to maximize energy efficiency and reduce heating costs.



Blinds automatically close during the daytime in warm summer months to maximize energy efficiency and reduce cooling costs.

is the logical choice

Skylight installation

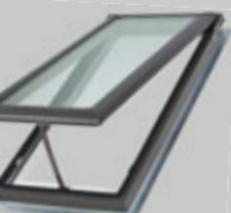
Factory-installed blind

Powered, double-pleated,
tinted blind. Boosts energy
performance as much as 40%.

✓ Programmable remote control

Simple set up for seasonal
automation optimizing
energy efficiency.

Energy Performance Model



Manual
"Fresh Air"
Skylight

+



Factory-Installed
Solar Blind

+



Programmable
Remote Control

all in one box

Energy efficiency

Choose from 5, In-stock, room darkening, double-pleated, solar-powered blinds. **Improves energy performance up to 40%.**

Basics



White



Beige



Charcoal

Authentics



Green



Grey

**For more information, please visit veluxusa.com/taxcredits. All calculations are based on the estimated cost of both the product and installation. These estimates were generated assuming a typical installation and used national averages for a new skylight cut-in. Actual installation costs will vary from these estimations based on common variables in roof construction and shaft construction.*

NEW

Energy performance and tax savings all in one box

- ✓ Skylight
- ✓ Solar Blind
- ✓ Remote Control

30%

Federal Tax Credit
average \$730
savings on product
and installation*

IN THE BOX

Skylight

Triple LoE, dual-sealed, argon-gas-filled glass.
Meets ENERGY STAR® requirements in all
climate zones.



Factory-installed solar blind

Solar-powered, double-pleated, blackout blind.
Boosts energy performance up to 40%.

Programmable remote control

Simple set up for seasonal automation optimizing
energy efficiency.

Manual "Fresh Air" Skylights

Deck-mounted - VS
Curb-mounted - VCM

The No Leak Skylight
No Leak Promise
No Worries

NEW VS & VCM Energy Performance Model



Manual "Fresh Air" deck mounted No Leak Skylight - VS



Manual "Fresh Air" curb-mounted No Leak Skylight - VCM

Benefits:

- Energy Performance Model eligible for a 30% federal tax credit on product and installation*
- Factory pre-finished white frames and sashes provide a high quality finish that eliminates the need for secondary, high cost trips by a painter.
- Opens and closes manually with VELUX control rods when out of reach.
- Smooth turning handle for when the skylight is installed within reach. *(Sold separately)*
- Pre-mounted Pick&Click!™ system brackets make the installation of sunscreen blinds a snap.
- Replacement kits for FS and VS (ZZZ 238) This will allow the installer to use a standard size VELUX VS or FS skylight on a non-standard opening while minimizing the amount of interior trim work needed.

Models VS & VS Energy Performance

	 14° - 85° 3:12 - 137:12	 C01	 C04	 C06	 C08	 M02	 M04	 M06	 M08	 S01	 S06
Rough opening (W-in. x H-in.)		21 x 26 7/8	21 x 37 7/8	21 x 45 3/4	21 x 54 7/16	30 1/16 x 30	30 1/16 x 37 7/8	30 1/16 x 45 3/4	30 1/16 x 54 7/16	44 1/4 x 26 7/8	44 1/4 x 45 3/4

Models VCM & VCM Energy Performance

	 0° - 60° 0:12 - 20:12	 2222	 2234	 2246	 3030	 3046	 3434	 4646
Outside curb (W-in. x H-in.)		25 1/2 x 25 1/2	25 1/2 x 37 1/2	25 1/2 x 49 1/2	33 1/2 x 33 1/2	33 1/2 x 49 1/2	37 1/2 x 37 1/2	49 1/2 x 49 1/2

Please reference the price list for a full description of all sizes and glass options.

*For more information visit: veluxusa.com/taxcredits



**Fifth Wall
Design Tip**

create serene spaces
with diffused light
from above

NEW

Energy Performance Model

Energy performance
and tax savings all
in one box

- ✓ Skylight
- ✓ Solar Blind
- ✓ Remote Control

**30% Federal
Tax Credit**

Receive an average of
\$730 on product and
installation with federal
tax credit eligibility

For more information
visit: veluxusa.com/taxcredits*

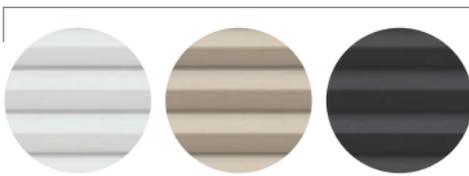
NEW

Energy Performance Model

Energy Performance model can boost energy performance up to 40%

Choose from 5 color blinds. Double-pleated, room darkening, solar-powered blind improves energy performance up to 40%.

Basics

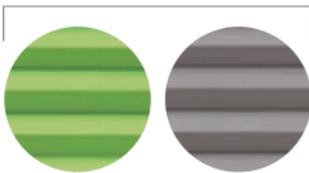


White

Beige

Charcoal

Authentics



Green

Grey

Seasonal automation optimizes energy efficiency

Reduce energy dependency and maximize efficiency by allowing the homeowner or system to control blind positioning based on outside conditions.

Easy programmable remote control for winter and summer modes.



Blinds automatically close at night during winter months to maximize energy efficiency and reduce heating costs.



Blinds automatically close during the daytime in warm summer months to maximize energy efficiency and reduce cooling costs.

**For more information, please visit veluxusa.com/taxcredits. All calculations are based on the estimated cost of both the product and installation. These estimates were generated assuming a typical installation and used national averages for a new skylight cut-in. Actual installation costs will vary from these estimations based on common variables in roof construction and shaft construction.*

Fixed Skylights

- Deck-mounted - FS
- Curb-mounted - FCM
- Self flashed - QPF

**The
No Leak
Skylight**
No Leak Promise
No Worries





Fifth Wall Design Tip
 connect outdoor rooms with sky views of nature

Energy Performance model for any Fixed skylight installation

In the Energy Performance box

✓ **Fixed Skylight**

Triple LoE, dual-sealed, argon-gas-filled glass. Meets ENERGY STAR® requirements in all climate zones.



✓ **Factor solar**

Solar-powered blackout performance

Fixed Skylight



Upgrade to the Energy Performance Model and recover an average of **85% of actual price paid for product after tax credit eligibility***

Seasonal automation optimizes energy

Easily program your remote control for winter and summer modes. This allows the homeowner to control blind positioning based on outside conditions reducing energy dependency and maximizing home efficiency.



Blinds automatically close at night during winter months to maximize energy efficiency and reduce heating costs.



Blinds automatically close during the daytime in warm summer months to maximize energy efficiency and reduce cooling costs.

is the logical choice ation

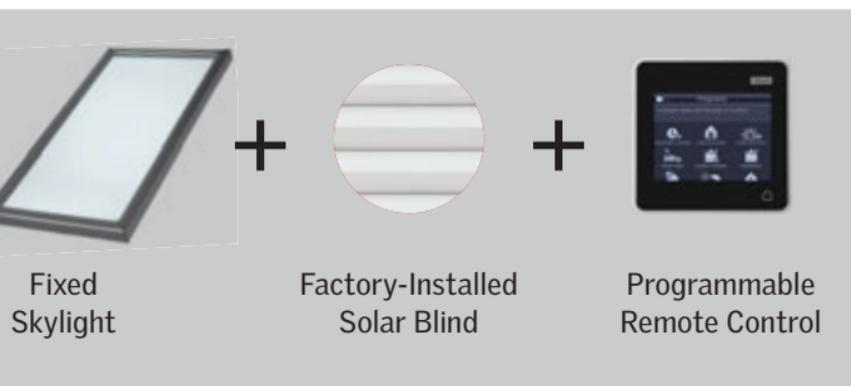
ry-installed blind

owered, double-pleated,
t blind. Boosts energy
ance as much as 40%.

✓ Programmable remote control

Simple set up for seasonal
automation optimizing
energy efficiency.

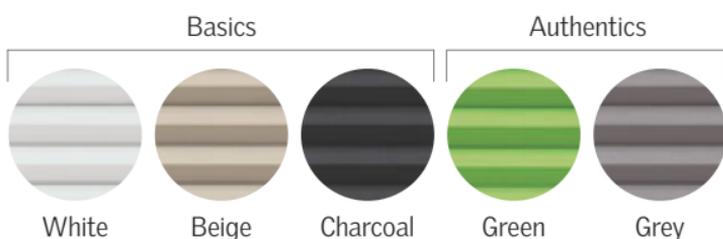
Energy Performance Model



all in one box

efficiency

Choose from 5, In-stock, room darkening, double-pleated, solar-powered blinds. **Improves energy performance up to 40%.**



**For more information, please visit veluxusa.com/taxcredits. All calculations are based on the estimated cost of both the product and installation. These estimates were generated assuming a typical installation and used national averages for a new skylight cut-in. Actual installation costs will vary from these estimations based on common variables in roof construction and shaft construction.*

NEW

Energy performance and tax savings all in one box

- ✓ Skylight
- ✓ Solar Blind
- ✓ Remote Control

30%

Federal Tax Credit
average \$730
savings on product
and installation*

IN THE BOX

Skylight

Triple LoE, dual-sealed, argon-gas-filled glass.
Meets ENERGY STAR® requirements in all
climate zones.

Factory-installed solar blind

Solar-powered, double-pleated, blackout blind.
Boosts energy performance up to 40%.

Programmable remote control

Simple set up for seasonal automation optimizing
energy efficiency.



Fixed Skylights

Deck-mounted - FS

NEW FS Energy Performance Model

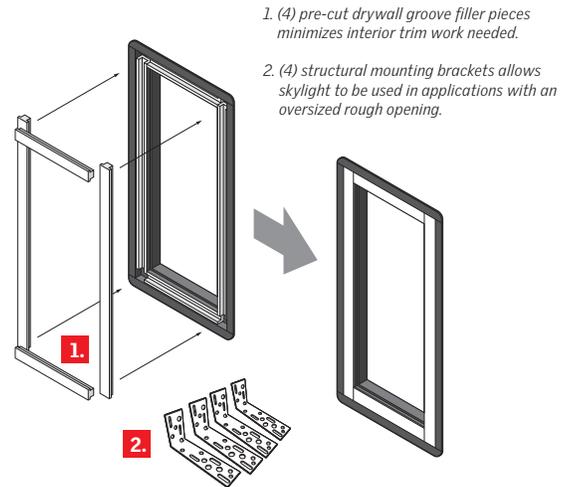
The No Leak Skylight
No Leak Promise
No Worries



Fixed Deck-mounted No Leak Skylight - FS

Replacement kits for FS and VS (ZZZ 238)

This replacement kit will be available for all sizes of VS and most FS* skylights. This will allow the installer to use a standard size VELUX VS or FS skylight on a non-standard opening while minimizing the amount of interior trim work needed.



1. (4) pre-cut drywall groove filler pieces minimizes interior trim work needed.

2. (4) structural mounting brackets allows skylight to be used in applications with an oversized rough opening.

Benefits:

- Energy Performance Model eligible for a 30% federal tax credit on product and installation*
- Pre-finished white wood frame and protective aluminum or copper cladding.
- Integrated gaskets drain condensation to the outside.
- Streamlined exterior profile does not obstruct your roofline.
- Pre-mounted Pick&Click!™ system brackets make the installation of sunscreen blinds a snap.

*For more information visit: veluxusa.com/taxcredits

Models FS & FS Energy Performance	14° - 85° 3:12 - 137:12	A06	C01	C04	C06	C08	C12	D26	D06	M02	M04	M06	M08	S01	S06
Rough opening (W-in. x H-in.)		14 1/2 x 45 3/4	21 x 26 7/8	21 x 37 7/8	21 x 45 3/4	21 x 54 7/16	21 x 70 1/4	22 1/2 x 22 15/16	22 1/2 x 45 3/4	30 1/16 x 30	30 1/16 x 37 7/8	30 1/16 x 45 3/4	30 1/16 x 54 7/16	44 1/4 x 26 7/8	44 1/4 x 45 3/4

 Model FS sizes D26 and D06 fit perfectly between roof trusses.

Please reference the price list for a full description of all sizes and glass options.



**Fifth Wall
Design Tip**

enhance a tonal
palette with
natural light

NEW

Energy Performance Model

Energy performance
and tax savings all
in one box

- ✓ Skylight
- ✓ Solar Blind
- ✓ Remote Control

**30% Federal
Tax Credit**

Receive an average of
\$730 on product and
installation with federal
tax credit eligibility

For more information
visit: veluxusa.com/taxcredits*

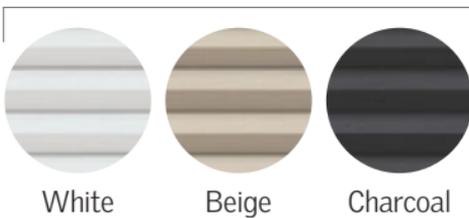
NEW

Energy Performance Model

Energy Performance model can boost energy performance up to 40%

Choose from 5 color blinds. Double-pleated, room darkening, solar-powered blind improves energy performance up to 40%.

Basics

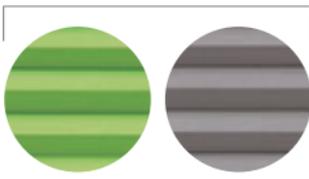


White

Beige

Charcoal

Authentics



Green

Grey

Seasonal automation optimizes energy efficiency

Reduce energy dependency and maximize efficiency by allowing the homeowner or system to control blind positioning based on outside conditions.

Easy programmable remote control for winter and summer modes.



WINTER

Blinds automatically close at night during winter months to maximize energy efficiency and reduce heating costs.



SUMMER

Blinds automatically close during the daytime in warm summer months to maximize energy efficiency and reduce cooling costs.

**For more information, please visit veluxusa.com/taxcredits. All calculations are based on the estimated cost of both the product and installation. These estimates were generated assuming a typical installation and used national averages for a new skylight cut-in. Actual installation costs will vary from these estimations based on common variables in roof construction and shaft construction.*

Fixed Skylights

Curb-mounted - FCM

NEW FCM Energy Performance Model

The No Leak Skylight
No Leak Promise
No Worries



Fixed Curb-mounted No Leak Skylight - FCM

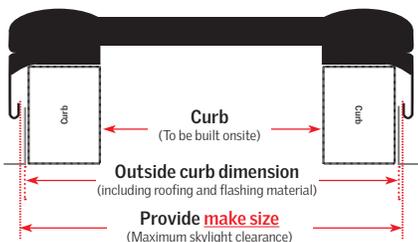


Accessory tray is required for blind installation.

Benefits:

- Energy Performance Model eligible for a 30% federal tax credit on product and installation*
- Integrated gaskets drain condensation to the outside.
- Streamlined exterior profile does not obstruct your roofline.
- A sunscreen accessory tray for standard site-built curbs allows for installation of VELUX Pick&Click!™ blinds

Custom size fixed curb-mounted skylights - Custom FCM



Make size (W-in. x L-in.)	Width 18 3/4-in. To 50 3/4-in.
Height 18 3/4-in. To 72-in.	Now delivered in 12 days or less
Height 72 1/4-in. To 76 1/2-in.	Now delivered in 20 days or less

We require maximum skylight clearance dimensions in 1/4-in. increments (0, 1/4, 1/2, 3/4) for width and height.

Note: Custom size flashing kits and custom size blinds are not available.
Note: Some specialty glass options require longer lead times.

Please call for pricing and availability: 1-800-888-3589

Models FCM & FCM Energy Performance	0° - 60° 0:12 - 20:12	1430	1446	2222	2230	2234	2246	2270	3030	3046	3434	3446	4646
Outside curb (W-in. x H-in.)		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

Please reference the price list for a full description of all sizes and glass options.

*For more information visit: veluxusa.com/taxcredits

A woman with dark hair, wearing a blue denim jacket over a white top and black pants, is sitting on a brown leather ottoman in a bedroom. She is holding an open book and looking down at it. The room features a large, rectangular skylight in the ceiling that provides natural light. The walls are white with a decorative paneled design. There are two windows with black frames and gold patterned curtains. A bed with a grey headboard, white linens, and a black and white patterned blanket is visible. A round mirror with a dark frame hangs on the wall above the bed. A floor lamp with a white shade is positioned near the woman. The floor is covered with a brown and beige patterned rug.

**Fifth Wall
Design Tip**

accent ceiling
wall with paint
and light

NEW

Energy Performance Model

Energy performance
and tax savings all
in one box

- ✓ Skylight
- ✓ Solar Blind
- ✓ Remote Control

**30% Federal
Tax Credit**

Receive an average of
\$730 on product and
installation with federal
tax credit eligibility

For more information
visit: veluxusa.com/taxcredits*

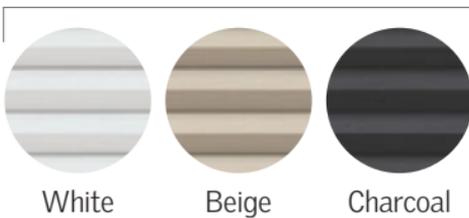
NEW

Energy Performance Model

Energy Performance model can boost energy performance up to 40%

Choose from 5 color blinds. Double-pleated, room darkening, solar-powered blind improves energy performance up to 40%.

Basics

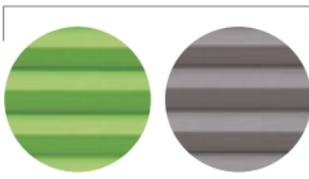


White

Beige

Charcoal

Authentics



Green

Grey

Seasonal automation optimizes energy efficiency

Reduce energy dependency and maximize efficiency by allowing the homeowner or system to control blind positioning based on outside conditions.

Easy programmable remote control for winter and summer modes.



WINTER

Blinds automatically close at night during winter months to maximize energy efficiency and reduce heating costs.



SUMMER

Blinds automatically close during the daytime in warm summer months to maximize energy efficiency and reduce cooling costs.

**For more information, please visit veluxusa.com/taxcredits. All calculations are based on the estimated cost of both the product and installation. These estimates were generated assuming a typical installation and used national averages for a new skylight cut-in. Actual installation costs will vary from these estimations based on common variables in roof construction and shaft construction.*

Self-flashed Skylights

Self-flashed - QPF

NEW QPF Energy Performance Model



Self flashed skylight - QPF

Benefits:

- Energy Performance Model eligible for a 30% federal tax credit on product and installation*
- Pre-finished white wood frame and protective aluminum exterior.
- Integrated gaskets drain condensation to the outside.
- Streamlined exterior profile does not obstruct your roofline.
- Pre-mounted Pick&Click!™ system brackets make the installation of sunscreen blinds a snap.

*For more information visit: veluxusa.com/taxcredits

Models QPF &
QPF Energy
Performance



Rough opening

(W-in. x H-in.)

2222

2230

2246

3030

3046

4646

22 1/2 x 22 1/2 | 22 1/2 x 30 1/2 | 22 1/2 x 46 1/2 | 30 1/2 x 30 1/2 | 30 1/2 x 46 1/2 | 46 1/2 x 46 1/2

Please reference the price list for a full description of all sizes and glass options.



**Fifth Wall
Design Tip**

bring in natural light
to open a room while
adding privacy

NEW Energy Performance Model

Energy performance
and tax savings all
in one box

- ✓ Skylight
- ✓ Solar Blind
- ✓ Remote Control

**30% Federal
Tax Credit**

Receive an average of
\$730 on product and
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For more information
visit: veluxusa.com/taxcredits*

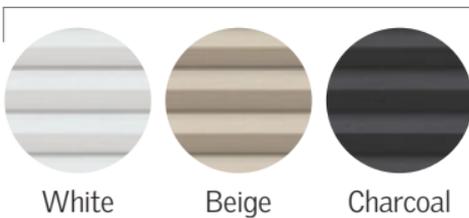
NEW

Energy Performance Model

Energy Performance model can boost energy performance up to 40%

Choose from 5 color blinds. Double-pleated, room darkening, solar-powered blind improves energy performance up to 40%.

Basics



Authentics



Seasonal automation optimizes energy efficiency

Reduce energy dependency and maximize efficiency by allowing the homeowner or system to control blind positioning based on outside conditions.

Easy programmable remote control for winter and summer modes.



Blinds automatically close at night during winter months to maximize energy efficiency and reduce heating costs.



Blinds automatically close during the daytime in warm summer months to maximize energy efficiency and reduce cooling costs.

**For more information, please visit veluxusa.com/taxcredits. All calculations are based on the estimated cost of both the product and installation. These estimates were generated assuming a typical installation and used national averages for a new skylight cut-in. Actual installation costs will vary from these estimations based on common variables in roof construction and shaft construction.*



Instant light shaft

Ready-made skylight liner for easy and airtight completion on deck-mounted skylights

(Model ZZZ 234)





The VELUX Instant Light Shaft simplifies the installation of a skylight by eliminating the time and costs associated with the construction of a traditional drywall light shaft

1. Prefabricated light shaft assembly kit.
2. Assemble moulding.
3. Install mounting clips to skylight drywall groove.
4. Measure and cut panels to proper depth and join to moulding.
5. Align assembled light shaft to mounting clips and click to install.

- No drywall, spackling, sanding and painting needed
- Works on all "box" type light shafts (Not flared)
- 16" standard depth (trim to actual on site)
- All other pieces are pre-cut to size to be site assembled
- 4" minimum spacing required around all sides if multiple skylights are installed

Smaller sizes: C01, C04, C06, C08, C12

Bigger sizes: M02, M04, M06, M08, S01, S06

Must provide skylight size code when ordering.

Example: ZZZ 234 M02

Code compliance

VELUX offers a broad array of skylights and Sun Tunnel skylights that meet the applicable performance requirements and testing and labeling standards written into the most current US Model Codes: 2015 IBC (International Building Code), 2015 IRC (International Residential Code), and 2015 IECC (International Energy Conservation Code), as well as local and regional codes that are the above (and earlier) codes.

In addition, electrical components built into VELUX products are UL listed.

Standard VELUX skylights and Sun Tunnel products also meet or exceed applicable Powersmart requirements, in addition to those of the current and prior North American Fenestration Standards (NAFS) also known as AAMA/WDMA/CSA 101/I.S.2/A440, with one exception: copper-clad versions.

To verify these attainments on site, the products are shipped with all required labels to expedite the inspection and final acceptance process. VELUX confidently certifies through these labels that only products consistent with the tested specimens are sent to the job.



Need an installer?

- ▶ Use our installer locator at veluxusa.com/installer.
- ▶ Check with your local VELUX skylight dealer.
- ▶ Contact VELUX Solutions at 1-866-358-3589.

We offer a Skylight Specialist program for local independent installers. A VELUX Skylight Specialist is:

- ▶ Carefully screened by us.
- ▶ Required to complete an extensive training program.
- ▶ Provides the best solutions for your daylighting needs.



Special Order Blinds

Room darkening - double-pleated

Light filtering - single-pleated

Blackout blinds - flat

Light filtering - flat

Fifth Wall Design Tip

bring in color accents
with blinds





Special order blinds

Room darkening - double-pleated blinds

✓ **Double-pleated blinds**
Blackout cloth with honeycomb structure.

✓ **Energy efficient**
Aluminum coating inside improves the insulation effect.

✓ **Sleek design**
Neat pleats.

✓ **Easy installation**
Installs in minutes with VELUX Pick&Click!™ system.

✓ **Solar-powered or manual**



30% Federal tax credit on solar-powered blinds*
Available in room darkening - double-pleated blinds, blackout blinds, light filtering - single-pleated blinds and light filtering blinds

Note: Special order blinds ship separately from your skylight. Please allow 2 weeks for delivery.

**For more information visit: veluxusa.com/taxcredits*



Special order blinds



Light filtering - single-pleated blinds

✓ Colorful light effects
Softens incoming light.

✓ Solar-powered or manual

Lights			Naturals	Shadows
1255 Snowy white	1256 Classic white	1257 Wavy white	1258 Delightful cream	1262 Infinite grey
Shadows			Masters	
1263 Metallic gold	1265 Metallic blue	1266 Luscious lime	1267 Burned orange	1268 Delightful blue
Masters		Blossoms		
1269 Classic red	1270 Sunny stripes	1271 Sunny yellow	1272 Sunny blue	1273 Sunny orange

Blackout blinds - flat

✓ Blackout 24/7
Blackout even when the sun is shining.

✓ Solar-powered or manual

Essentials				
1025 White	4555 Pale blue	1085 Beige	4556 Beige	1705 Light grey
Essentials		Darks		
4558 Essential pattern	4559 Dark brown	1100 Blue	4560 Dark red	2055 Blue
Darks		Vegetals		
4561 Dark purple	4562 Dark pattern	4563 Curry	4564 Orange	4565 Pale pink
Vegetals		Graphics		
0705 Grey	4567 Olive green	4568 Vegetal pattern	4569 Pale green	4570 Bright yellow
Graphics				
4571 Light blue	4572 Flash red	3009 Black	4573 Graphic pattern	



Light filtering blinds - flat

- ✓ **Basic privacy**
Offers both protection and good looks.
- ✓ **Solar-powered or manual**

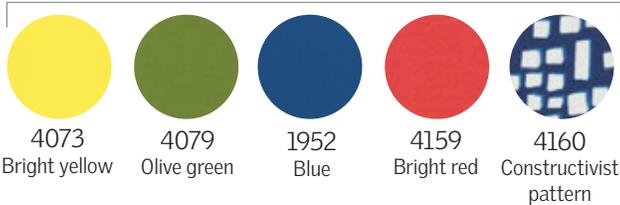
Minimalists



Romantics



Constructivists



Venetian blinds

- ✓ **Complete light control**
Control amount and direction of incoming light and shadows.
- ✓ **Manual only**

Barn



Factory



30% Federal tax credit on solar-powered blinds*
Available in room darkening - double-pleated blinds, blackout blinds, light filtering - single-pleated blinds and light filtering blinds

*For more information visit: veluxusa.com/taxcredits

Note: Special order blinds ship separately from your skylight. Please allow 2 weeks for delivery. Special order blinds are also available for prior model skylights when a sunscreen adapter kit is purchased

Roof windows

Deck-mounted - GPU/GGU/GXU/GDL CABRIO™

Fifth Wall Design Tip

keep natural light and
fresh air within reach
with roof windows



Special order blinds

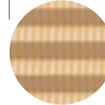
Room darkening - double-pleated blinds

Manual

Authentics		Basics		Dynamics	
					
1049 Golden beige	1159 Brown	1156 Blue	1051 Raspberry	1162 Cherise	1160 Yellow
Dynamics					
					
1161 Orange					

Light filtering - single-pleated blinds

Manual

Lights			Naturals		Shadows	
						
1255 Snowy white	1256 Classic white	1257 Wavy white	1258 Delightful cream	1262 Infinite grey	1263 Metallic gold	
Shadows		Masters			Blossoms	
						
1265 Metallic blue	1266 Luscious lime	1267 Burned orange	1268 Delightful blue	1269 Classic red	1270 Sunny stripes	
Blossoms						
						
1271 Sunny yellow	1272 Sunny blue	1273 Sunny orange				

Blackout blinds-flat

Manual

Essentials					
					
1025 White	4555 Pale blue	1085 Beige	4556 Beige	1705 Light grey	4558 Essential pattern
Darks					
					
4559 Dark brown	1100 Blue	4560 Dark red	2055 Blue	4561 Dark purple	4562 Dark pattern

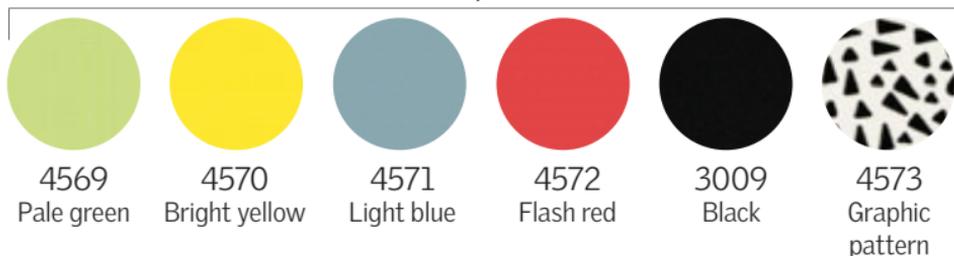
Blackout blinds-flat (cont.)

Manual

Vegetals



Graphics



Light filtering blinds-flat

Manual

Minimalists



Romantics



Romantics



Constructivists



Constructivists



Venetian blinds

Manual only

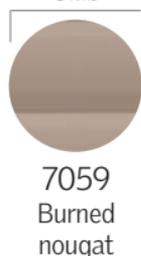
Barn



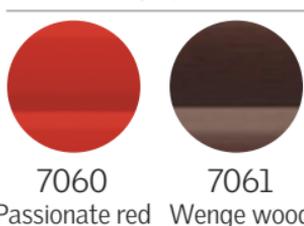
Factory



Club



Club



Note: Special order blinds ship separately from your skylight. Please allow 2 weeks for delivery.



Natural ventilation with a closed window

Let fresh air into your home without having to worry about security or bad weather, even when you are away or sleeping. Pull the unique top control bar once and you will allow fresh, filtered air to enter through the ventilation flap.



White Polyurethane

Perfect for contemporary interiors and white ceilings. The polyurethane molding has no visible joints, and therefore ensures a moisture resistant finish that requires less maintenance than lacquered natural pine.



More access to the outdoors

All of our roof windows make it easier to gain access to the outdoors.



Roof windows

Roof access window - GXU



Roof access window - GXU

Benefits:

- Easy roof access for repairs, maintenance, emergency, and egress (FK06).
- Locking device keeps sash in open position.
- Slim sash and frame appearance.
- Ventilation flap.
- Can be installed as a left-hinged or right-hinged roof access window.
- Pre-installed Pick&Click!™ brackets for easy blind installation.



Size code GXU



15° - 85°
3:22 - 137:12

Rough opening

(W-in. x H-in.)

CK06

22 1/8 x 46 7/8

FK06

26 1/2 x 46 7/8



Balcony roof window

Deck-mounted - GDL CABRIO™



Balcony roof window - GDL CABRIO™

Benefits:

- Dual-sash operation.
- Features a select wood frame with a clear finish sash coating and exterior aluminum.



PK19

Rough opening

(W-in. x H-in.)

39 3/8 x 101



**Fifth Wall
Design Tip**

transform attics with
a private balcony

10-year installation warranty

Deck-mounted - 3 layers of protection



1 Deck seal

The pre-attached deck seal on all deck-mounted skylights provides a seal between the frame and roof deck for a leak-proof installation.

2 Adhesive underlayment

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

3 Flashing ← *VELUX flashing must be purchased in order to qualify for the 10-year installation warranty.*

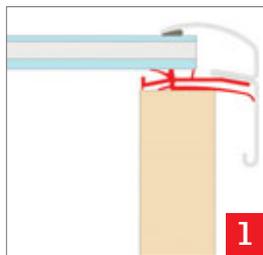
Engineered flashing for easy installation and primary water protection.

For complete information visit thenoleakskylight.com.

The No Leak Skylight

• No Leak Promise • No Worries

Curb-mounted - 3 layers of protection



1 Pre-attached gasket

A pre-attached skylight gasket provides a seal between a standard site-built curb and the skylight that caps off a leak-proof installation for curb-mounted skylights.

2 Adhesive underlayment

Adhesive underlayment for secondary water protection against the harshest weather conditions for standard site-built curbs.

3 Flashing ← *ECL shingle or ECW tile flashing must be purchased in order to qualify for the 10-year installation warranty.*

Engineered flashing for easy installation and primary water protection.

For complete information visit thenoleakskylight.com.

Deck-mounted flashing systems

Flashing must be purchased with skylights and installed properly to benefit from the No Leak warranty

Adhesive underlayment included in flashing kit



Shingles/shakes - EDL

- Step flashing pieces interweave with roofing material for proper water drainage.
- Additional step pieces (ZZZ 200) are required for shakes and other thick roofing materials.



Combi applications*

- Type EKL works with groupings on low-profile roofing materials such as shingles and shakes.
- Type EKW works with groupings on high-profile roofing materials such as Spanish tile or corrugated metal roofing.

Note: VSS only available for side-by-side applications. (EKL only)



Tile roofing - EDW

- Patented-sill flashing features pliable pleats that form to most types of tile.
- Side and head flashing pieces form a gutter to direct water away from the skylight.

Note: Not available for VSS



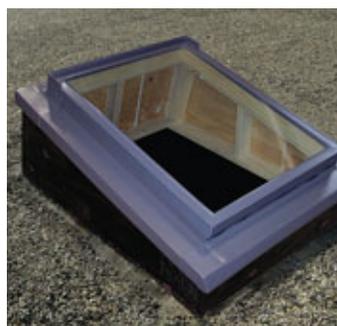
Metal roofing - EDM

- Flashing pieces interlock with roofing material for a fast weather tight installation.
- Sill apron features pliable pleats that form to the roof.



Copper cladding and flashing

- Available for select deck-mounted VELUX roof windows and skylights.
- Copper products are special order items and require varying lead-times. Call for more information.



Bi-pack flashing - ECB

- Used with site-built curb on low-sloped roofs.
- No bending of flashing required.
- Applied to 2-in. x 4-in. lumber and plywood.
- Download curb construction guidelines at: veluxusa.com

**EKL applications require 4-in. over-and-under spacing and 2.5-in. - 12-in. side-by-side spacing in ½-in. increments.*

EKW applications require 4-in. side-by-side.

Roof window combi application is available as a special order with varying lead-times. 4-in. spacing is required for both over-and-under and side-by-side spacing.

Curb-mounted flashing systems

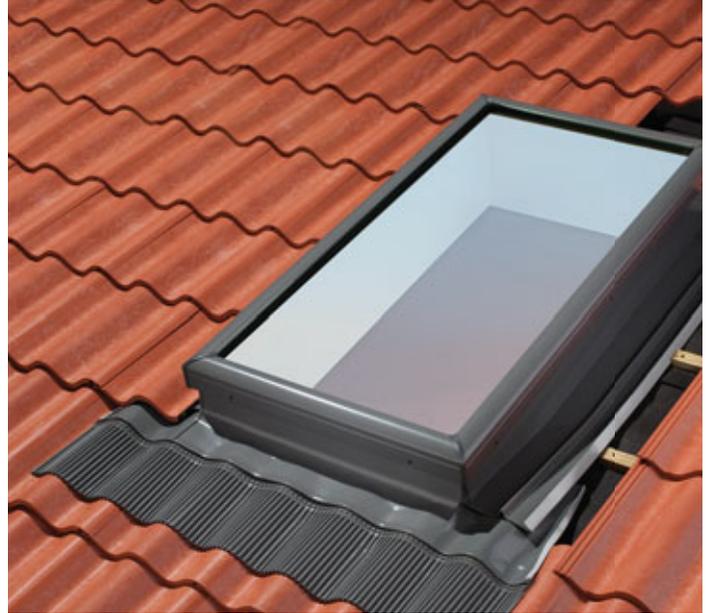
Flashing must be purchased with skylights and installed properly to benefit from the No Leak warranty

Adhesive underlayment included in flashing kit



Shingles/shakes - ECL

- Step flashing pieces interweave with roofing material for proper water drainage.
- Additional step pieces (ZZZ 200) are required for shakes and other thick roofing materials.



Tile roofing - ECW

- Patented-sill flashing features pliable pleats that form to most types of tile.
- Side and head flashing pieces form a gutter to direct water away from the skylight.

Note: Also available for 14" & 22" curbmount Sun Tunnel Skylight

Accessories

Skylight accessories

Instant Light Shaft

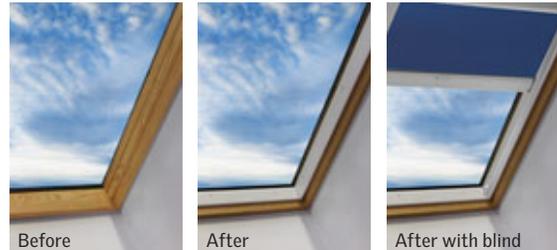
(ZZZ 234)



The VELUX Instant Light Shaft simplifies the installation of a skylight by eliminating the time and costs associated with the construction of a traditional drywall light shaft.

Sun Screen Accessory Adapter Kit

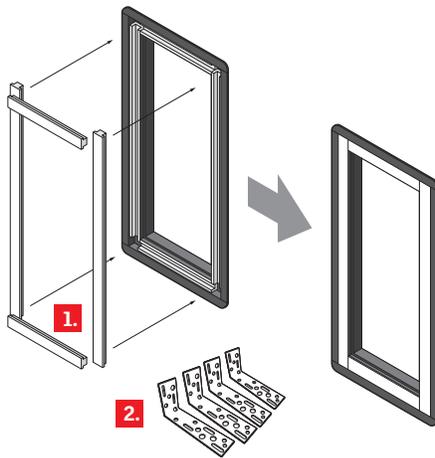
(ZZZ 232)



Enables prior model skylights to be fitted with any of our current model blinds. Available as a special order.
For models manufactured prior to January 1, 2010.

Replacement Kits for FS and VS

(ZZZ 238)



Replacement kit for all sizes of VS and most FS* skylights. Allows the installer to use a standard size VELUX VS or FS skylight on a non-standard opening while minimizing the amount of interior trim work needed.

Replacement kit (ZZZ 238) contents:

1. 4 pre-cut drywall groove filler pieces minimizes interior trim work needed.
2. 4 structural mounting brackets allows skylight to be used in applications with an oversized rough opening.

* Excluding FS A06, FS C12

Intelligent Touch Remote Control

(KLR 200)



Included with your solar or electric skylight is the Intelligent touch remote control powered by VELUX INTEGRA®. With the touch-sensitive screen and intuitive icons, programming skylights has become simpler than ever.

Size: 3 ¹¹/₁₆-in. x 3 ¹¹/₁₆-in.

Angle Adapter for Chain Operator (ZZZ 203)



Extension for manual crank handle or for the manual angle adapter to make skylights easier to operate with a manual pole.

Extension for Chain Operator (ZZZ 208)



Extension for manual crank handle or for the manual angle adapter to make skylights easier to operate.

Trim Kit with L Parts (ZZZ 213)



Our skylight trim kit provides a clean interior finish with no trim work required. Used when replacing older style roof windows and skylights.

Home Automation Integration Kit (KLF)



The KLF provides the means for third party sensors to send wireless commands to VELUX skylights and accessories. The interface can control up to 200 solar operated or electrically powered skylights or skylight blinds. The KLF also functions as a signal repeater that extends the operating range of standard operating controls.

VS Replacement Hook (ZZZ 202) VCM Replacement Hook (ZZZ 211)



Available for manual venting skylights.

VS Crank Handle (ZZZ 201) VCM Crank Handle (ZZZ 212)



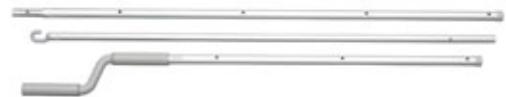
A manual crank handle used to operate deck-mounted venting skylights with a chain operator. Skylights must have been installed within reach and manufactured since 2010.

Sunscreening Accessory Tray for Fixed Curb-mounted Skylights (ZZZ 199)



The sunscreening accessory tray combined with the revolutionary Pick&Click!™ system makes blind installation quick and easy for VELUX fixed, curb-mounted skylights. It has everything built-in.

Extension Rods (ZCT 300, ZMT 300, ZCT 100, ZXT 200)



6-ft. - 10-ft. rod for operation of manual skylights
(ZCT 300) Available for models: VS, VCM



3-ft. extension for ZCT 300, ZMT 300, and ZXT 200
(ZCT 100) Available for models: FS, VS, VCM, QPF



"7 hook" rod for new manual blinds
(ZXT 200) Available for models: FS, FCM, QPF, VS

VELUX Sun Tunnel Skylights

Flat glass - TLR
Curb-mounted - TCR
Rigid - TMR/TGR
Flex - TMF/TGF





Fifth Wall Design Tip
 add to a rustic farmhouse look by adding natural light



Pivoting tunnel system
 The adjustable pitch adapter makes tunnel installation easier while enabling more light to be captured.



Flexi Loc™ system
 A tunnel connection system that reduces tunnel installation time in half. Integrates highly reflective tunnels that deliver quality daylight into the space below.



Diffuser options

1. Frosted diffuser (standard)
2. Prismatic diffuser (optional)
3. Fresnel diffuser (optional)

VELUX Sun Tunnel Skylights

Flat glass - TLR
Curb-metal flashing - TCR



Flat glass - TLR



Curb-metal flashing - TCR

Benefits:

- Low-profile glass design creates sleek appearance on any roofline.
- Perfect for developments where local ordinances do not allow acrylic dome tubular skylights.
- Available in 14-in. rigid only.
- Prefabricated light tunnel makes it easy to install.
- One piece metal curb-mounted flashing.
- Low-profile dome - acrylic or polycarbonate.
- Pivoting tunnel system.

Model TLR	 14° - 60° 3:12 - 20:12	014
Outside flashing	in.	25 3/8 x 30 1/2
Rough opening (ceiling)	in.	14 1/2
Rough opening (roof deck)	in.	14 1/2 x 17 3/4
Daylight area	sq. in.	138
Net wt (w/ acrylic)	lbs.	29
Standard tubing kit length	in.	48
Maximum recommended install length & orientation dependent	ft.	30

Model TCR	 0° - 60° 0:12 - 20:12	014
Outside flashing	in.	20 7/8 x 20 7/8
Rough opening (ceiling)	in.	14 1/2
Rough opening (roof deck)	in.	16 3/4 x 16 3/4
Daylight area	sq. in.	138
Net wt (w/ acrylic)	lbs.	29
Standard tubing kit length	in.	48
Maximum recommended install length	ft.	30

VELUX Sun Tunnel Skylights

Rigid pitched - TMR
Rigid low profile - TGR



Rigid pitched - TMR

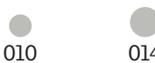


Rigid low profile - TGR

- Pitched flashing provides optimum angle for gathering light from all roof orientations.
- Tile flashing kit available.
- Impact models available for hurricane prone areas.
- 99.9% silver reflective layer with a 20-year tunnel warranty, total reflectance 99%.

- Low-profile flashing provides an integrated look with the roofline.
- Impact models available for hurricane prone areas.
- 99.9% silver reflective layer with a 20-year tunnel warranty, total reflectance 99%.

Model TMR	 14° - 60° 3:12 - 20:12		
		010	014
Outside flashing	in.	27 x 27	29 x 30 1/2
Rough opening (ceiling)	in.	10 1/2	14 1/2
Rough opening (roof deck)	in.	14 1/2 x 16	14 1/2 x 20
Daylight area	sq. in.	65	138
Net wt (w/ acrylic)	lbs.	20	29
Standard tubing kit length	in.	48*	48*
Maximum recommended install length	ft.	20	30

Model TGR	 14° - 60° 3:12 - 20:12		
		010	014
Outside flashing	in.	24 3/4 x 24 3/4	29 x 29
Rough opening (ceiling)	in.	10 1/2	14 1/2
Rough opening (roof deck)	in.	14 1/2 x 14 1/2	14 1/2 x 18
Daylight area	sq. in.	65	138
Net wt (w/ acrylic)	lbs.	20	29
Standard tubing kit length	in.	48*	48*
Maximum recommended install length & orientation dependent	ft.	20	30

*Subtract approximately 6" for flashing when comparing to attic depth at point of installation.

VELUX Sun Tunnel Skylights

Flex pitched - TMF
Flex low profile - TGF



Flex pitched - TMF



Flex low profile - TGF

Benefits:

- Pitched flashing provides optimum angle for gathering light from all roof directions.
- Tile flashing available.
- Impact models available for hurricane prone areas.
- Low-profile flashing provides an integrated look with the roofline.
- Pivoting tunnel system and flexible tunnel for a quick and easy installation.
- Impact models available for hurricane prone areas.

Model TMF	 14° - 60° 3:12 - 20:12	● 014
Outside flashing	in.	29 x 30 1/2
Rough opening (ceiling)	in.	14 1/2
Rough opening (roof deck)	in.	14 1/2 x 20
Daylight area	sq. in.	138
Net wt (w/ acrylic)	lbs.	26
Standard tubing kit length	in.	96
Maximum recommended install length	ft.	8

Model TGF	 14° - 60° 3:12 - 20:12	● 014	● 022
Outside flashing	in.	29 x 29	37 x 37
Rough opening (ceiling)	in.	14 1/2	22 1/2
Rough opening (roof deck)	in.	14 1/2 x 18	22 1/2 x 26
Daylight area	sq. in.	138	314
Net wt (w/ acrylic)	lbs.	24	36
Standard tubing kit length	in.	96	96
Maximum recommended install length	ft.	8	12



**Fifth Wall
Design Tip**

paint shiplap to
create a vintage
appearance

Accessories

Sun Tunnel accessories

Energy Kit (ZTC 0041US)



Designed to increase the energy efficiency of the VELUX Sun Tunnel Skylight while enabling it to be ENERGY STAR® certified.

Daylight Controller (ZTP) Power Supply for Controller (ZZZ 233)



Allows the user to control the amount of daylight that enters a room. Perfect for rooms that require room darkening.



Power supply for VELUX Sun Tunnel Skylight light control devices.

VELUX ZTL Electric Light Kit (ZTL)



UL-approved, tubular light fixture that uses an energy efficient GU24 bulb base. Capable of accepting compact fluorescent bulbs or LED bulbs.

Available for all models.



ZTK Blackout Shade



Manually block the light coming through the Sun Tunnel Skylight in seconds with a manual blackout blind.



Available for the 10" and 14" Sun Tunnel Skylights

Tile Flashing for 10" and 14" Pitched Sun Tunnel Skylights (ZTM)



Tile flashing accessory for pitched Sun Tunnel Skylights. Engineered with a painted, malleable aluminum water diverting sheet.

Tile Flashing for 10" & 14" Curb-mounted Sun Tunnel Skylights (ECW)



A pliable, pleated, and proven curb-mounted tile flashing system for VELUX curb-mounted Sun Tunnel Skylights. Engineered flashing designed for tile roofing material.

Elbows (ZTE)



A durable and easy to operate elbow that can be used at the top, bottom, or middle of your installation. Multiple elbows can be joined together with rotating couplers to form a 90° bend or any other configuration needed to maneuver around obstacles. Length 15"

Rotating Coupler (ZTZ 211)



Easy to install tunnel and elbow coupler that enables quick tunnel connections. Rotating joint helps align tunnel sections.

Rigid Tube (ZTR)



24" Tunnel sections manufactured with the Flexi Loc™ tunnel connector system reduces tunnel installation time in half while delivering the highest quality daylight into the space below.

Exterior Fire Band (ZZZ 192)



Fire band provides the dome edge protection needed for installation on Class B and C rated roofs.

Decorative Diffuser (ZTB)



Ceiling level decorative diffuser that transforms daylight into an attractive style to compliment any décor.

Available for
10" and 14"



Brushed nickel
ZTB 3021US



Polished brass
ZTB 3022US



Oil rubbed bronze
ZTB 3023US



White
ZTB 3020US

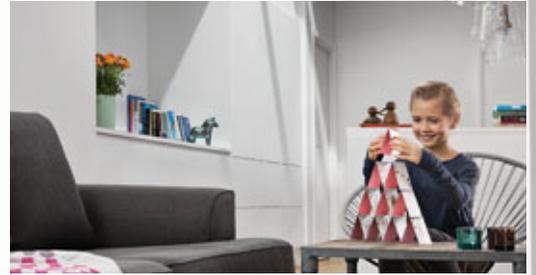
VELUX Modular Skylights

Fully integrated ventilation and sunscreening

Fifth Wall Design Tip

place skylights over a stairwell to illuminate the core of the home





What are VELUX Modular Skylights?

VELUX Modular Skylights are the perfect way to open up large rooms in your home and create a light, bright and spacious environment. VELUX Modular Skylights combine elegant lines and intelligent design with exceptional energy efficiency.



Unique design

Developed in collaboration with renowned architects Foster + Partners, VELUX Modular Skylights offers a minimalist design with super-slim profiles. The electronics and motors in each module are concealed, creating a simple and refined look, inside and out.



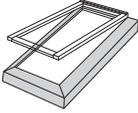
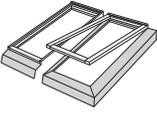
Robust and energy efficient

All VELUX Modular Skylights are constructed from an advanced composite material that makes them very strong and highly energy-efficient. The entire installation is designed to withstand extreme weather conditions, with a life expectancy stretching far into the future and a 10-Year Product Guarantee.

VELUX Modular Skylights

5° Longlights suitable for roof pitches between 0°– 10° *

Other longlight systems available for roof pitches between 10°- 25° call 1-888-878-3589

	Product code Ventilating	Product code all Fixed	Description	Total opening width x height
	HVC 100120 SL0047	HFC 100120 SL0017	Fixed: One fixed longlight, complete with all flashings components.**	41 9/16" x 51"
	HVC 100160 SL0047	HFC 100160 SL0017		41 9/16" x 67"
	HVC 100200 SL0047	HFC 100200 SL001	Ventilating: One electrically operated vented longlight, complete with all flashings components. Includes electric control system and wind and rain sensor.**	41 9/16" x 83"
	HVC 100240 SL0047	HFC 100240 SL0017		41 9/16" x 98"
	HVC 100120 SL0048	HFC 100120 SL0018	Fixed: Two fixed longlights, complete with flashing components.**	81" x 51"
	HVC 100160 SL0048	HFC 100160 SL0018		81" x 67"
	HVC 100200 SL0048	HFC 100200 SL0018	Ventilating: Two longlights, one fixed, one electrically operated vented, complete with flashing components. Includes electric control system and wind and rain sensor.**	81" x 83"
	HVC 100240 SL0048	HFC 100240 SL0018		81" x 98"
	HVC 100120 SL0049	HFC 100120 SL0019	Fixed: Three fixed longlights, complete with flashing components.**	120 4/16" x 51"
	HVC 100160 SL0049	HFC 100160 SL0019		120 4/16" x 67"
	HVC 100200 SL0049	HFC 100200 SL0019	Ventilating: Three longlights, two fixed, one electrically operated vented, complete with flashing components. Includes electric control system and wind and rain sensor.**	120 4/16" x 83"
	HVC 100240 SL0049	HFC 100240 SL0019		120 4/16" x 98"
	HVC 100120 SL0050	HFC 100120 SL0020	Fixed: Four fixed longlights, complete with flashing components.**	159 10/16" x 51"
	HVC 100160 SL0050	HFC 100160 SL0020		159 10/16" x 67"
	HVC 100200 SL0050	HFC 100200 SL0020	Ventilating: Four longlights, two fixed, two electrically operated vented, complete with flashing components. Includes electric control system and wind and rain sensor.**	159 10/16" x 83"
	HVC 100240 SL0050	HFC 100240 SL0020		159 10/16" x 98"
	HVC 100120 SL0051	HFC 100120 SL0021	Fixed: 10 fixed longlights, complete with flashing components.**	395 14/16" x 51"
	HVC 100160 SL0051	HFC 100160 SL0021		395 14/16" x 67"
	HVC 100200 SL0051	HFC 100200 SL0021	Ventilating: Ten longlights, seven fixed, three electrically operated vented, complete with flashing components. Includes electric control system and wind and rain sensor.**	395 14/16" x 83"
	HVC 100240 SL0051	HFC 100240 SL0021		395 14/16" x 98"

*Assumes 0° roof pitch

**The installer is responsible for curb flashing material and installation of the curb to the roof.

Installer may want to consider the use of a water diverter above the longlight system when installed on a pitched roof.

Delivery time is approximately 8-10 weeks

Double-glazing unit

All Configurations come standard with Type 10 Glass – Dual-pane Low Energy Clear exterior over Laminated interior.

Also available:

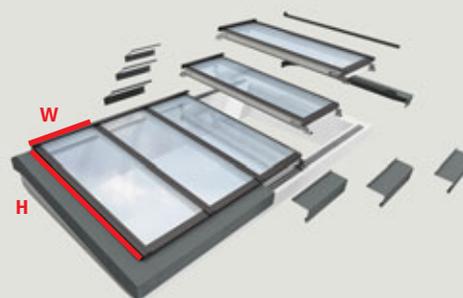
Type 11 Dual-pane, Low Energy with Solar Protection exterior over Laminated interior.

Type 16 Super Low Energy Triple pane.



Modular concept

VELUX Modular Skylights is based on a strictly modular concept. All components are prefabricated to ensure consistent quality throughout the build, fast and easy installation and a perfect fit every time.



Module

H: Module Height
W: Module Width

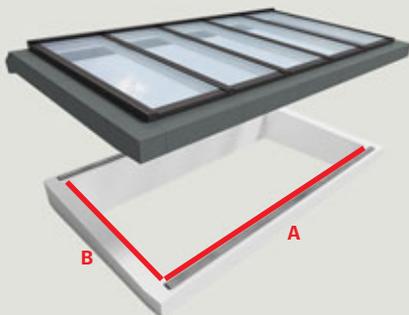


Individual sub-construction

To ensure a precise and trouble-free installation process, the sub-construction needs to meet the individual demands of your roof construction. Consequently, the sub-construction is not part of the modular system, but has to be constructed on site. Ask your installer to recommend the best sub-construction for your installation project. Sub-construction document will be provided on all quotes and orders providing exact dimensions.

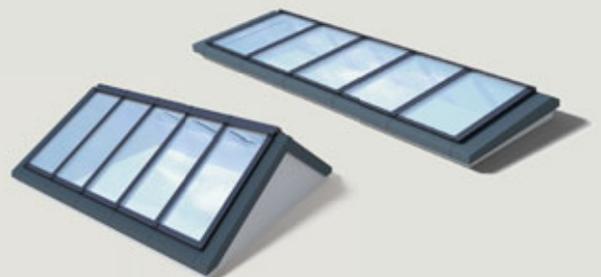
More VMS configurations are available.

Please call 1-888-878-3589 for pricing and product availability.



Sub-construction

A: Opening Width
B: Opening Length



Testing data

VSE/VSS Technical Information					
Glass	04	06**	08	10	9994
Air infiltration/exfiltration* [max. @ 75 Pa (1.57 lbs/ft ²) differential pressure]					
l/s/m ²	0.2	0.4	0.2	0.3	0.2
cfm/ft ²	0.03	0.07	0.03	0.06	0.03
Water resistance @ 3.4 L/m²/min (5 USgal/ft²/hr)* [max. tested differential pressure with no leakage]					
Pascals	720	720	720	720	720
lbs/ft ²	15	15	15	15	15
Thermal performance (Certified, complete unit values)					
VELUX Glass Skylights are rated at 20° slope and labeled with NFRC-certified U-Factor, SHGC, and VT ratings listed in the NFRC Certified Products Directory.					
U-Factor	0.42	0.40	0.42	0.41	0.37
SHGC	0.23	0.23	0.22	0.23	0.23
VT	0.53	0.52	0.39	0.52	0.52
UV protection, %					
300-380 nm	99.9	99.9	99.9	99.9	99.9
Fading protection, % (Krochmann damage function)					
300-600 nm	83.1	84.6	88.4	83.2	85.1
Structural Performance [Performance Grade or DP] *					
Tested size	Uplift (lbs/ft ²)				
S06	65	65	65	80	65
M08	105	65	105	85	105
C06	n.r.	n.r.	n.r.	90	n.r.
Tested size	Download (lbs/ft ²)				
S06	370	300	370	860	370
M08	440	360	440	1090	440
C06	n.r.	n.r.	n.r.	1200	n.r.
* Tested in accordance with AAMA/WDMA/CSA 101/I.S.2/A440-11 (NAFS 2011)					
Structural performance ratings also apply to sizes smaller than the Tested Size VSE and VSS skylights are WDMA Hallmark certified: Product 426-H-670 (not applicable to copper-clad variants)					
** 06 variant is tested and WDMA Hallmark certified for Wind-borne debris impact, in accordance with ASTM E 1886 and ASTM E 1996. Rated for Wind Zone 3, Missile Level C, Cycle Pressure +50/-50					
04 glass: Tempered over laminated HS (0.030" interlayer) 06 glass: Tempered over laminated HS (0.090" interlayer) 08 glass: Same as 04, with white interlayer 10 glass: Tempered over laminated Tempered (0.030" interlayer) 9994 glass: Same as 04, with i89 coating on interior surface					

VS Technical Information							
Glass	04	05	06**	08	10	9993	9994
Air infiltration/exfiltration* [max. @ 75 Pa (1.57 lbs/ft ²) differential pressure]							
l/s/m ²	0.2	0.5	0.4	0.2	0.3	0.5	0.2
cfm/ft ²	0.03	0.09	0.07	0.03	0.06	0.09	0.03
Water resistance @ 3.4 L/m²/min (5 USgal/ft²/hr)* [max. tested differential pressure with no leakage]							
Pascals	720	720	720	720	720	720	720
lbs/ft ²	15	15	15	15	15	15	15
Thermal performance (Certified, complete unit values)							
VELUX Glass Skylights are rated at 20° slope and labeled with NFRC-certified U-Factor, SHGC, and VT ratings listed in the NFRC Certified Products Directory.							
U-Factor	0.42	0.43	0.40	0.42	0.41	0.38	0.37
SHGC	0.23	0.23	0.23	0.22	0.23	0.23	0.23
VT	0.53	0.54	0.52	0.39	0.52	0.52	0.52
UV protection, %							
300-380 nm	99.9	95.2	99.9	99.9	99.9	95.3	99.9
Fading protection, % (Krochmann damage function)							
300-600 nm	83.1	79.2	84.6	88.4	83.2	81.6	85.1
Structural Performance [Performance Grade or DP] *							
Tested size	Uplift (lbs/ft ²)						
S06	65	90	65	65	80	90	65
M08	105	120	65	105	85	120	105
C06	n.r.	n.r.	n.r.	n.r.	90	n.r.	n.r.
Tested size	Download (lbs/ft ²)						
S06	370	300	300	370	860	300	370
M08	440	400	360	440	1090	400	440
C06	n.r.	n.r.	n.r.	n.r.	1200	n.r.	n.r.
* Tested in accordance with AAMA/WDMA/CSA 101/I.S.2/A440-11 (NAFS 2011)							
Structural performance ratings also apply to sizes smaller than the Tested Size VS skylights are WDMA Hallmark certified: Product 426-H-670 (not applicable to copper-clad variants)							
** 06 variant is tested and WDMA Hallmark certified for Wind-borne debris impact, in accordance with ASTM E 1886 and ASTM E 1996. Rated for Wind Zone 3, Missile Level C, Cycle Pressure +50/-50							
04 glass: Tempered over laminated HS (0.030" interlayer) 05 glass: Tempered over tempered 06 glass: Tempered over laminated HS (0.090" interlayer) 08 glass: Same as 04, with white interlayer 10 glass: Tempered over laminated Tempered (0.030" interlayer) 29 glass: Tempered over tempered over laminated HS (0.030" interlayer) 9993 glass: Same as 05, with i89 coating on interior surface 9994 glass: Same as 04, with i89 coating on interior surface							

FS Technical Information							
Glass	04	05	06**	08	10	9993	9994
Air infiltration/exfiltration* [max. @ 75 Pa (1.57 lbs/ft ²) differential pressure]							
l/s/m ²	0.1	0.7	0.1	0.1	0.1	0.7	0.1
cfm/ft ²	0.01	0.14	0.01	0.01	0.01	0.14	0.01
Water resistance @ 3.4 L/m²/min (5 USgal/ft²/hr)* [max. tested differential pressure with no leakage]							
Pascals	720	720	720	720	720	720	720
lbs/ft ²	15	15	15	15	15	15	15
Thermal performance (Certified, complete unit values)							
VELUX Glass Skylights are rated at 20° slope and labeled with NFRC-certified U-Factor, SHGC, and VT ratings listed in the NFRC Certified Products Directory.							
U-Factor	0.44	0.45	0.42	0.44	0.42	0.39	0.38
SHGC	0.26	0.26	0.26	0.25	0.26	0.26	0.26
VT	0.60	0.61	0.60	0.44	0.60	0.60	0.60
UV protection, %							
300-380 nm	99.9	95.2	99.9	99.9	99.9	95.3	99.9
Fading protection, % (Krochmann damage function)							
300-600 nm	83.1	79.2	84.6	88.4	83.2	81.6	85.1
Structural Performance [Performance Grade or DP] *							
Tested size	Uplift (lbs/ft ²)						
S06	70	45	65	70	65	45	70
M08	105	90	120	105	100	90	105
C06	n.r.	n.r.	n.r.	n.r.	65	n.r.	n.r.
Tested size	Download (lbs/ft ²)						
S06	160	400	300	160	720	400	160
M08	350	400	300	350	1180	400	350
C06	n.r.	n.r.	n.r.	n.r.	1250	n.r.	n.r.
* Tested in accordance with AAMA/WDMA/CSA 101/I.S.2/A440-11 (NAFS 2011)							
Structural performance ratings also apply to sizes smaller than the Tested Size FS skylights are WDMA Hallmark certified: Product 426-H-669 (not applicable to copper-clad variants)							
** 06 variant is tested and WDMA Hallmark certified for Wind-borne debris impact, in accordance with ASTM E 1886 and ASTM E 1996. Rated for Wind Zone 3, Missile Level C, Cycle Pressure +50/-50							
04 glass: Tempered over laminated HS (0.030" interlayer) 05 glass: Tempered over tempered 06 glass: Tempered over laminated HS (0.090" interlayer) 08 glass: Same as 04, with white interlayer 10 glass: Tempered over laminated Tempered (0.030" interlayer) 29 glass: Tempered over tempered over laminated HS (0.030" interlayer) 9993 glass: Same as 05, with i89 coating on interior surface 9994 glass: Same as 04, with i89 coating on interior surface							

VCE /VCS Technical Information					
Glass	04	06**	08	10	9994
Air infiltration/exfiltration* [max. @ 75 Pa (1.57 lbs/ft ²) differential pressure]					
l/s/m ²	0.1	0.1	0.41	<0.1	0.1
cfm/ft ²	0.02	0.01	0.02	<0.01	0.02
Water resistance @ 3.4 L/m²/min (5 USgal/ft²/hr)* [max. tested differential pressure with no leakage]					
Pascals	720	720	720	720	720
lbs/ft ²	15	15	15	15	15
Thermal performance (Certified, complete unit values)					
VELUX Glass Skylights are rated at 20° slope and labeled with NFRC-certified U-Factor, SHGC, and VT ratings listed in the NFRC Certified Products Directory.					
U-Factor	0.53	0.50	0.53	0.51	0.48
SHGC	0.24	0.24	0.23	0.24	0.22
VT	0.55	0.54	0.40	0.54	0.49
UV protection, %					
300-380 nm	99.9	99.9	99.9	99.9	99.9
Fading protection, % (Krochmann damage function)					
300-600 nm	83.1	84.6	88.4	83.2	85.1
Structural Performance [Performance Grade or DP] *					
Tested size	Uplift (lbs/ft ²)				
4646	45	60	45	40	45
2246	n.r.	n.r.	n.r.	65	n.r.
Tested size	Download (lbs/ft ²)				
4646	230	230	230	620	230
2246	n.r.	n.r.	n.r.	1150	n.r.
* Tested in accordance with AAMA/WDMA/CSA 101/I.S.2/A440-11 (NAFS 2011)					
Structural performance ratings also apply to sizes smaller than the Tested Size VCE and VCS skylights are WDMA Hallmark certified: Product 426-H-695					
** 06 variant is tested and WDMA Hallmark certified for Wind-borne debris impact, in accordance with ASTM E 1886 and ASTM E 1996. Rated for Wind Zone 3, Missile Level C, Cycle Pressure +50/-50					
04 glass: Tempered over laminated HS (0.030" interlayer) 06 glass: Tempered over laminated HS (0.090" interlayer) 08 glass: Same as 04, with white interlayer 10 glass: Tempered over laminated Tempered (0.030" interlayer) 9994 glass: Same as 04, with i89 coating on interior surface					

Testing data

VCM Technical Information						
Glass	04	05	06**	10	9993	9994
Air infiltration/exfiltration* [max. @ 75 Pa (1.57 lbs/ft ²) differential pressure]						
l/s/m ²	0.1	<0.1	0.1	<0.1	<0.1	0.1
cfm/ft ²	0.02	<0.01	0.01	<0.01	<0.01	0.02
Water resistance @ 3.4 L/m²/min (5 USgal/ft²/hr)* [max. tested differential pressure with no leakage]						
Pascals	720	720	720	720	720	720
lbs/ft ²	15	15	15	15	15	15
Thermal performance (Certified, complete unit values)						
VELUX Glass Skylights are rated at 20° slope and labeled with NFRC-certified U-Factor, SHGC, and VT ratings listed in the NFRC Certified Products Directory.						
U-Factor	0.53	0.53	0.50	0.51	0.48	0.48
SHGC	0.24	0.24	0.24	0.24	0.22	0.22
VT	0.55	0.56	0.54	0.54	0.50	0.49
UV protection, %						
300-380 nm	99.9	95.2	99.9	99.9	95.3	99.9
Fading protection, % (Krochmann damage function)						
300-600 nm	83.1	79.2	84.6	83.2	81.6	85.1
Structural Performance [Performance Grade or DP] *						
Tested size	Uplift (lbs/ft ²)					
4646	45	30	60	40	30	45
2246	n.r.	n.r.	n.r.	65	n.r.	n.r.
Tested size	Download (lbs/ft ²)					
4646	230	230	230	620	230	230
2246	n.r.	n.r.	n.r.	1150	n.r.	n.r.
* Tested in accordance with AAMA/WDMA/CSA 101/I.S.2/A440-11 (NAFS 2011)						
Structural performance ratings also apply to sizes smaller than the Tested Size VCM skylights are WDMA Hallmark certified: Product 426-H-695						
** 06 variant is tested and WDMA Hallmark certified for Wind-borne debris impact, in accordance with ASTM E 1886 and ASTM E 1996. Rated for Wind Zone 3, Missile Level C, Cycle Pressure +50/-50						
04 glass: Tempered over laminated HS (0.030" interlayer)						
05 glass: Tempered over tempered						
06 glass: Tempered over laminated HS (0.090" interlayer)						
08 glass: Same as 04, with white interlayer						
10 glass: Tempered over laminated Tempered (0.030" interlayer)						
9993 glass: Same as 05, with i89 coating on interior surface						
9994 glass: Same as 04, with i89 coating on interior surface						

FCM Technical Information								
Glass	04	05/05C	06**	08	10	29/30	9993	9994
Air infiltration/exfiltration* [max. @ 75 Pa (1.57 lbs/ft ²) differential pressure]								
l/s/m ²	0.2	<0.1	<0.1	0.2	0.1	0.3	<0.1	0.2
cfm/ft ²	0.03	<0.01	<0.01	0.03	0.01	0.05	<0.01	0.03
Water resistance @ 3.4 L/m²/min (5 USgal/ft²/hr)* [max. tested differential pressure with no leakage]								
Pascals	720	720	720	720	720	720	720	720
lbs/ft ²	15	15	15	15	15	15	15	15
Thermal performance (Certified, complete unit values)								
VELUX Glass Skylights are rated at 20° slope and labeled with NFRC-certified U-Factor, SHGC, and VT ratings listed in the NFRC Certified Products Directory.								
U-Factor	0.48	0.49/0.45	0.46	0.48	0.47	0.38	0.43	0.43
SHGC	0.27	0.27/0.28	0.27	0.26	0.27	0.25	0.25	0.25
VT	0.63	0.64/0.63	0.62	0.46	0.62	0.57	0.57	0.57
UV protection, %								
300-380 nm	99.9	95.2	99.9	99.9	99.9	95.2	95.3	99.9
Fading protection, % (Krochmann damage function)								
300-600 nm	83.1	79.2	84.6	88.4	83.2	79.2	81.6	85.1
Structural Performance [Performance Grade or DP] *								
Tested size	Uplift (lbs/ft ²)							
4672	80	n.r.	n.r.	80	n.r.	n.r.	n.r.	80
4646	120	140	80	120	135	60	140	120
2270	100	n.r.	n.r.	100	n.r.	n.r.	n.r.	100
Tested size	Download (lbs/ft ²)							
4672	70	n.r.	n.r.	70	n.r.	n.r.	n.r.	70
4646	250	100	100	250	970	75	100	250
2270	200	n.r.	n.r.	200	n.r.	n.r.	n.r.	200
* Tested in accordance with AAMA/WDMA/CSA 101/I.S.2/A440-11 (NAFS 2011)								
Structural performance ratings also apply to sizes smaller than the Tested Size FCM skylights are WDMA Hallmark certified: Product 426-H-701								
** 06 variant is tested and WDMA Hallmark certified for Wind-Borne debris impact, Florida HVHZ : Large Missile Level D, Cycle Pressure +50/-50, tested per TAS 201, 202 and 203 (Wind Zone 4) Large Missile Level C, Cycle Pressure +50/-50, tested per ASTM E 1886 and ASTM E 1996								
04 glass: Tempered over laminated HS (0.030" interlayer)								
05 glass: Tempered over tempered								
06 glass: Tempered over laminated HS (0.090" interlayer)								
08 glass: Same as 04, with white interlayer								
10 glass: Tempered over laminated Tempered (0.030" interlayer)								
29 glass: Tempered over tempered over laminated HS (0.030" interlayer)								
30 glass: Tempered over tempered over tempered								
9993 glass: Same as 05, with i89 coating on interior surface								
9994 glass: Same as 04, with i89 coating on interior surface								
Note: The FCM 4646 (or smaller) 06 is the only VELUX skylight currently qualified for use in Florida HVHZ (High Velocity Hurricane Zone).								

QPF Technical Information						
Glass	04	05	06**	08	9993	9994
Air infiltration/exfiltration* [max. @ 75 Pa (1.57 lbs/ft ²) differential pressure]						
l/s/m ²	0.5	0.3	0.4	0.5	0.3	0.5
cfm/ft ²	0.09	0.06	0.08	0.09	0.06	0.09
Water resistance @ 3.4 L/m²/min (5 USgal/ft²/hr) * [max. tested differential pressure with no leakage]						
Pascals	580	720	720	580	720	580
lbs/ft ²	12	15	15	12	15	12
Thermal performance (Certified, complete unit values)						
VELUX Glass Skylights are rated at 20° slope and labeled with NFRC-certified U-Factor, SHGC, and VT ratings listed in the NFRC Certified Products Directory						
U-factor	0.44	0.45	0.42	0.44	0.40	0.39
SHGC	0.24	0.24	0.24	0.24	0.24	0.24
VT	0.56	0.57	0.55	0.41	0.55	0.55
UV protection, %						
300-380 nm	99.9	95.2	99.9	99.9	95.3	99.9
Fading protection, % (Krochmann damage function)						
300-380 nm	83.1	79.2	84.6	88.4	81.6	85.1
Structural Performance [Performance Grade or DP] *						
Tested size	Uplift (lbs/ft ²)					
4646	80	80	100	80	80	80
Tested size	Download (lbs/ft ²)					
4646	320	300	300	320	300	320
* Tested in accordance with AAMA/WDMA/CSA 101/I.S.2/A440-11 (NAFS 2011)						
Structural performance ratings also apply to sizes smaller than the Tested Size QPF skylights are WDMA Hallmark certified: Product 426-H-677						
** 06 variant is tested and WDMA Hallmark certified for Wind-borne debris impact, in accordance with ASTM E 1886 and ASTM E 1996. Rated for Wind Zone 3, Missile Level C, Cycle Pressure +50/-50						
04 glass: Tempered over laminated HS (0.030" interlayer) 05 glass: Tempered over tempered 06 glass: Tempered over laminated HS (0.090" interlayer) 08 glass: Same as 04, with white interlayer 9993 glass: Same as 05, with i89 coating on interior surface 9994 glass: Same as 04, with i89 coating on interior surface						

Residential Sun Tunnel Skylights Technical Information							
Model	TLR	TSR	TCR	TGF	TGR	TMF	TMR/THR
Air infiltration/exfiltration* [max. @ 75 Pa (1.57 lbs/ft ²) differential pressure]							
l/s/m ²	0.1	0.3	0.5	0.2			
cfm/ft ²	0.01	0.05	0.09	0.04			
Water resistance @ 3.4 L/m²/min (5 USgal/ft²/hr)* [max. tested differential pressure with no leakage]							
Pascals	720	720	720	720			
lbs/ft ²	15	15	15	15			
Thermal performance (Certified, complete unit values)							
VELUX Sun Tunnel Skylights are labeled with certified U-Factor (with insulation at ceiling), and SHGC ratings, as listed in the NFRC Certified Products Directory							
U-factor: Btu/[hr*ft²*F]							
Base model	0.51	tbd	n.r.	0.50	n.r.	0.50	n.r.
w/Energy kits	0.36	n.r.	0.38	0.37	0.38	0.37	0.38
SHGC: US ratings shown for models with E0 energy kits							
Base model	0.46	tbd	n.r.	0.21	n.r.	0.21	n.r.
w/energy kits	0.42	n.r.	0.25	n.r.	0.25	n.r.	0.25
Visible transmittance (VT)							
VT base model	0.36	tbd	n.r.	0.16	n.r.	0.16	n.r.
VT w/energy kits	n.r.	n.r.	0.40	n.r.	0.40	n.r.	0.40
Structural Performance* Performance Grades or DP in psf: NAFS-11 (NAFS-08) [Note: 1 psf = 47.88 Pa]							
Dome type **	Uplift (negative)						
Acrylic or Polycarbonate	n.a.	240 (155) Acrylic only	165 (125)	125 (90)			
Temp. Glass	245 (170)	n.a.					
Dome type **	Download (positive)						
Acrylic or Polycarbonate	n.a.	400 (250) Acrylic only	300 (200)	300 (200)			
Temp. Glass	150 (150)	n.a.					
* Tested and certified in accordance with AAMA/WDMA/CSA 101/I.S.2/A440-11 (NAFS 2011) VELUX® Sun Tunnel Skylights are WDMA Hallmark certified as indicated above and below (See www.wdma.com, Hallmark Nos. 426-H-626,-693,-705,-706)							
**All VELUX® Sun Tunnel Skylights with Polycarbonate domes are tested for Wind-Borne debris impact and pressure cycling in accordance with ASTM E 1886-05 and ASTM E 1996-05. -- Rated for Wind Zone 3, Missile Level C, Cycle Pressure +50/-50 -- The following models do not have Polycarbonate domes - THR, TLR, TSR							

Testing data notes

- Production samples structurally tested and labeled in accordance with one or more of: AAMA/WDMA/CSA 101/I.S.2/A440, TAS201, 202, and 203; OSHA regulations; various ASTM methods.
- Thermal and optical performance data are determined for skylights at 20 degree slope, and verified in accordance with NFRC procedures (where applicable) by accredited entities.
Most VELUX products are listed in the NFRC Certified Products Directory, and carry appropriate labels in accordance with NFRC's certification program. NFRC ID: VEL-N-xxx
- Most variants have achieved WDMA Hallmark certification under No. 426-H, and/or recognition under Uniform-ES report #ER Q199 (IAPMO-ES).
In addition, Florida and TDI have listed most variants in their product evaluation/approval systems.

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 America LLC 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). 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 OR GLASS RETENTION SCREENING IS REQUIRED IN YOUR APPLICATION.

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Bringing light to life™



VELUX®

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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