

**VELUX®**

Skylights

# Residential skylights

  
**SMART  
HOME**  
2016  
PROUD SPONSOR

*Bringing light to life™*

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# The VELUX House

## The possibilities are endless

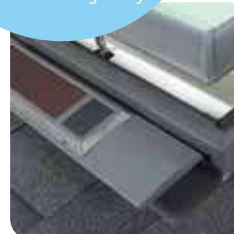
Roof windows are perfect for upper floor bonus rooms where they will be within reach for easy opening. Features include a sash that rotates inward for easy cleaning from the inside and a ventilation flap that allows for fresh air circulation when the window is closed.



Pages 33-40

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 7-10

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





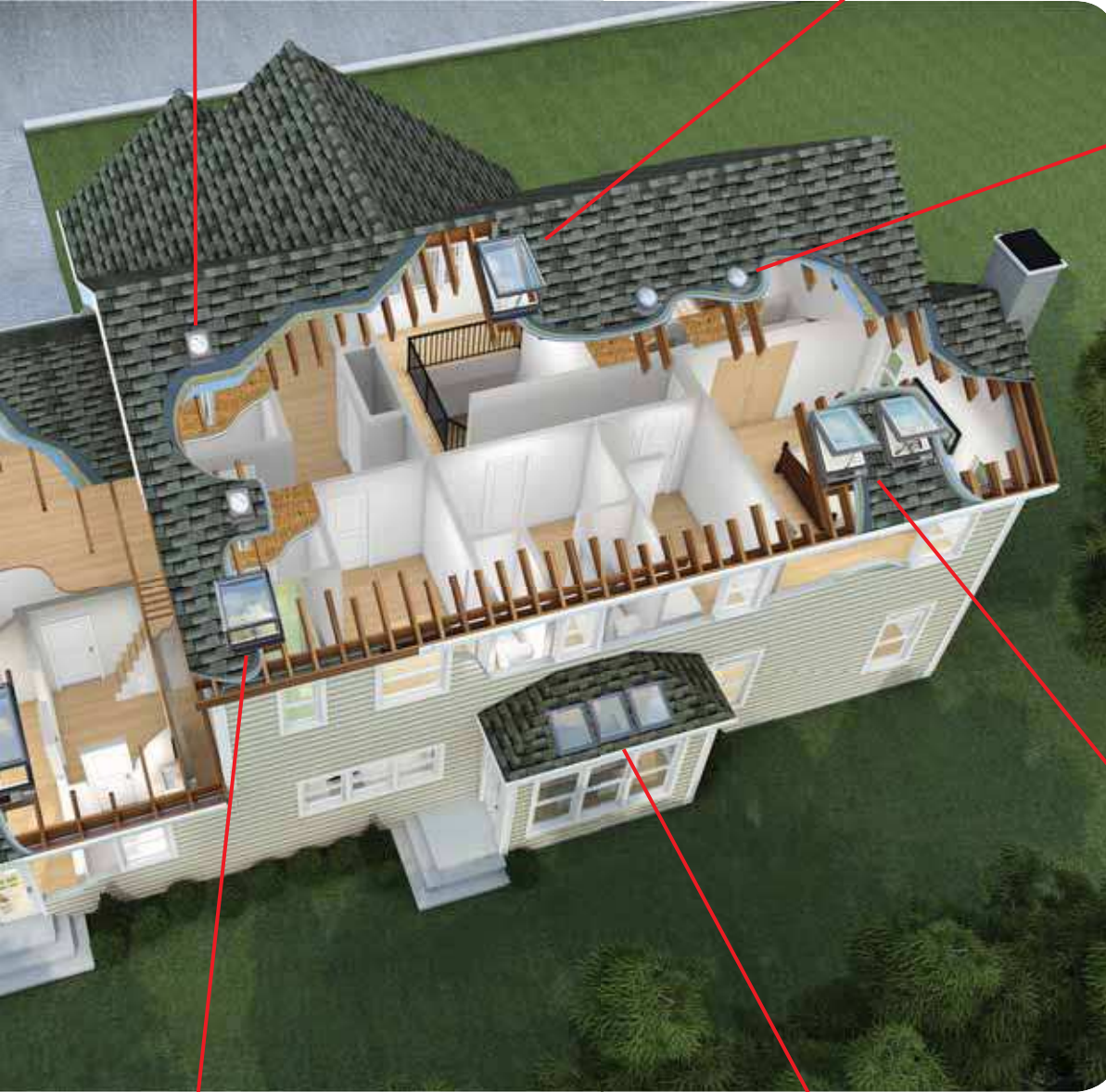
The flat glass, low profile SUN TUNNEL™ skylight creates a sleek look on any roofline and is perfect for those developments where local ordinances do not allow domed skylights.

Page 49



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 11-14



SUN TUNNEL™ skylights are a great way to bring natural light into areas where a window may be impractical.

Pages 47-51



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

Pages 7-10



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 15-18



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 19-24

# The logical choice for any skylight installation

## See how easy it is to upgrade to a Solar Powered "Fresh Air" Skylight

If you are considering adding daylight to your home, see how easy it is to add daylight and fresh air. With a 30% federal tax credit, homeowners will receive an average of \$850\* with federal tax credit eligibility, which makes this product very affordable.



### 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!**



### 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](http://veluxusa.com/taxcredits)





## Clean, Quiet & Safe glass



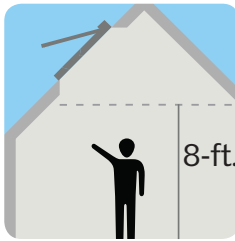
### Clean

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



### Quiet

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



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



(3) VSS M08 Solar Powered "Fresh Air" Skylights  
Blinds: 1047 Charcoal room darkening blind



**FIVE-STAR REVIEW**

"Our home is transformed."

**New**

## Room darkening - double pleated blinds

Make your home more energy efficient with VELUX room darkening - double pleated blinds. The blackout cloth with honeycomb structure and an aluminum coating inside improves the insulation effect of the window as well as the indoor climate all year round. The sleek design with neat pleats makes it an attractive blind for any room. The only blind that offers blackout, privacy and insulation all-in-one.



### Room darkening - double pleated blinds

Blackout cloth with honeycomb structure.



### Energy efficient

Aluminum coating inside improves the insulation effect.



### Sleek design

Neat pleats.



### Colors

Choose between twelve colors.



### Solar powered or manual



1045  
White



1155  
Beige



1157  
Green



1158  
Grey



1047  
Charcoal



1049  
Golden beige



1159  
Brown



1156  
Blue



1051  
Raspberry



1160  
Yellow



1161  
Orange



1162  
Cherise

**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*

# 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.

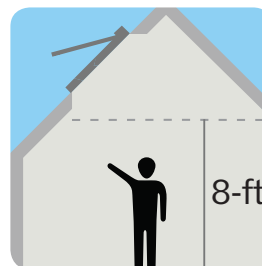
Titanium dioxide reacts chemically with the sun's UV rays, causing organic materials that are on the glass to decompose. It works even on cloudy days, as 80 percent of UV radiation gets through cloud cover. Then when it rains, the decomposed dirt is rinsed away, leaving the glass almost spotless. Result? 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% less than a standard double pane glass, and up to 50% less than 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](http://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



## **FIVE-STAR REVIEW**

"We installed three of these and loved them, so we ordered another one and had it installed too. They work like magic!"

*(2) VSS M06 Solar Powered "Fresh Air" Skylight  
Blind: 4561 Dark purple blackout blind*



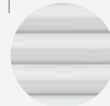
## Factory installed blinds

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



CS00  
White



CS01  
Beige



CS41  
Charcoal



CS42  
Green



CS43  
Grey

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

Lights

Naturals

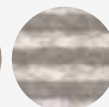
Shadows



FS00  
White



FS01  
Classic sand



FS31  
Misty brown



FS32  
Lovely latte



FS33  
Shiny  
cappuccino

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](http://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

**No Leak Warranty**  
For complete information visit [thenoleakskylight.com](http://thenoleakskylight.com)  
**VELUX flashing required**



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
























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



## Benefits:

- With a 30% federal tax credit, homeowners will receive an average of \$850\* with federal tax credit eligibility, which makes this product very affordable.
- 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](http://veluxusa.com/taxcredits)

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 <sup>7</sup> / <sub>8</sub>	21 x 37 <sup>7</sup> / <sub>8</sub>	21 x 45 <sup>3</sup> / <sub>4</sub>	21 x 54 <sup>7</sup> / <sub>16</sub>	30 <sup>1</sup> / <sub>16</sub> x 30	30 <sup>1</sup> / <sub>16</sub> x 37 <sup>7</sup> / <sub>8</sub>	30 <sup>1</sup> / <sub>16</sub> x 45 <sup>3</sup> / <sub>4</sub>	30 <sup>1</sup> / <sub>16</sub> x 54 <sup>7</sup> / <sub>16</sub>	44 <sup>1</sup> / <sub>4</sub> x 26 <sup>7</sup> / <sub>8</sub>	44 <sup>1</sup> / <sub>4</sub> x 45 <sup>3</sup> / <sub>4</sub>
Model VCS	 0° - 60° 0:12 - 20:12										
		2222	2234	2246	3030	3046	3434	4622	4646		
Outside curb	(W-in. x H-in.)	25 <sup>1</sup> / <sub>2</sub> x 25 <sup>1</sup> / <sub>2</sub>	25 <sup>1</sup> / <sub>2</sub> x 37 <sup>1</sup> / <sub>2</sub>	25 <sup>1</sup> / <sub>2</sub> x 49 <sup>1</sup> / <sub>2</sub>	33 <sup>1</sup> / <sub>2</sub> x 33 <sup>1</sup> / <sub>2</sub>	33 <sup>1</sup> / <sub>2</sub> x 49 <sup>1</sup> / <sub>2</sub>	37 <sup>1</sup> / <sub>2</sub> x 37 <sup>1</sup> / <sub>2</sub>	49 <sup>1</sup> / <sub>2</sub> x 25 <sup>1</sup> / <sub>2</sub>	49 <sup>1</sup> / <sub>2</sub> x 49 <sup>1</sup> / <sub>2</sub>		

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



Eligible for a  
**30%**  
Federal tax credit

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Receive an average of  
\$850\* on product and  
installation with federal  
tax credit eligibility

(1) VSS M06 Solar Powered "Fresh Air" Skylight

# Electric "Fresh Air" skylights

Deck mounted - VSE  
Curb mounted - VCE

## The No Leak Skylight

No Leak Promise  
No Worries



### FIVE-STAR REVIEW

"Besides beautiful light and airflow on demand, I can tell it when to open and close, even if I am not at home...now that's smart!"





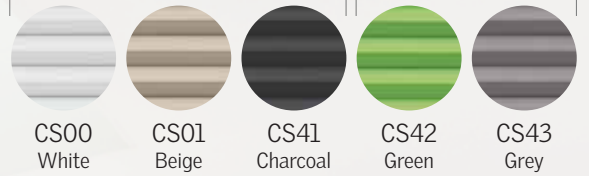
## Factory installed blinds

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](http://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.



# Electric "Fresh Air" skylights

Deck mounted - VSE  
Curb mounted - VCE

**No Leak Warranty**  
For complete information visit [thenoleakskylight.com](http://thenoleakskylight.com)  
**VELUX flashing required**





Electric "Fresh Air" deck mounted  
No Leak Skylight - VSE



Electric "Fresh Air" curb mounted  
No Leak Skylight - VCE

## Benefits:

- A pre-installed concealed motor and control system powered by VELUX INTEGRA® allows you to enjoy the one-touch convenience of a remote control.
- With the integrated rain sensor, electric skylights will close automatically in case of inclement weather.
- Pre-mounted Pick&Click!™ system brackets make the installation of sunscreen blinds a snap.
- Factory pre-finished white frames and sashes provide a high quality finish that eliminates the need for secondary, high cost trips by a painter.

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

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





**FIVE-STAR REVIEW**

"Smartest skylight in the world."

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



# Manual "Fresh Air" skylights

Deck mounted - VS  
Curb mounted - VCM

**The  
No Leak  
Skylight**

No Leak Promise  
No Worries

(2) VSS S06 Manual "Fresh Air" skylights  
Blind: 4570 Bright yellow blackout blind



**FIVE-STAR REVIEW**

"The light that comes in makes an enormous difference in my living space."

**Factory installed blinds**

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

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

Basics			Authentics	
CS00 White	CS01 Beige	CS41 Charcoal	CS42 Green	CS43 Grey

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

Lights	Naturals		Shadows	
FS00 White	FS01 Classic sand	FS31 Misty brown	FS32 Lovely latte	FS33 Shiny cappuccino

**In-stock venetian blind (VS only) (Manual)**

Barn

PA00  
White

**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](http://veluxusa.com/taxcredits)



Optional crank handle available for in-reach applications (sold separately)

**Convenient manual control**

A control rod can be used when skylights are out of reach.

# Manual "Fresh Air" skylights

Deck mounted - VS  
Curb mounted - VCM

**No Leak Warranty**  
For complete information visit [thenoleakskylight.com](http://thenoleakskylight.com)  
**VELUX flashing required**























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



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

## Benefits:

- 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. *(see page 45)*

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

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



**The  
No Leak  
Skylight**

No Leak Promise  
No Worries

(3) VS M06 Manual "Fresh Air" skylights  
Blind: 3009 Black blackout blind

# Fixed skylights

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

## The No Leak Skylight

No Leak Promise  
No Worries





## Factory installed blinds

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

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

Basics			Authentics	
<b>CS00</b> CH00 White	<b>CS01</b> CH01 Beige	<b>CS41</b> CH41 Charcoal	<b>CS42</b> CH42 Green	<b>CS43</b> CH43 Grey

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

Lights	Naturals		Shadows	
<b>FS00</b> FH00 White	<b>FS01</b> FH01 Classic sand	<b>FS31</b> FH31 Misty brown	<b>FS32</b> FH32 Lovely latte	<b>FS33</b> FH33 Shiny cappuccino

### In-stock venetian blind (Manual only)

Barn
<b>PA00</b> White

**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](http://veluxusa.com/taxcredits)



## 3 layers of protection

As with most of our skylights, this product carries the 10-year installation warranty.

# Fixed skylights

Deck mounted - FS

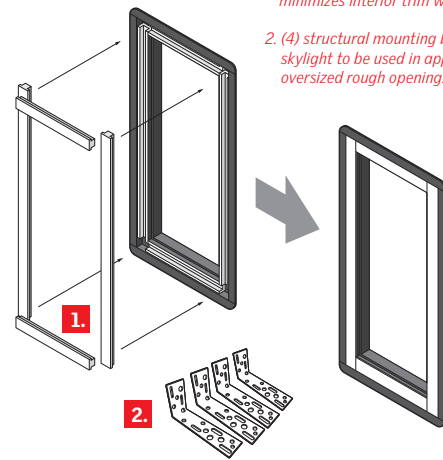
**No Leak Warranty**  
 For complete information visit [thenoleakskylight.com](http://thenoleakskylight.com)  
**VELUX flashing required**



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:

- 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.

Model FS	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 3/4	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.





**FIVE-STAR REVIEW**

"Our skylight has been a wonderful source of sunshine, views of the stars at night!"

# Fixed skylights

Curb mounted - FCM

**No Leak Warranty**  
 For complete information visit [thenoleakskylight.com](http://thenoleakskylight.com)  
**VELUX flashing required**



Fixed curb mounted No Leak Skylight - FCM

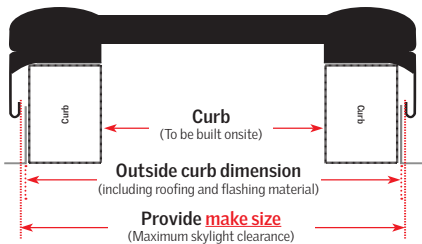


Accessory tray is required for blind installation.

## Benefits:

- 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

Model FCM	 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.



**FIVE-STAR REVIEW**

"Wow, it's quiet, energy efficient and looks great."

# Self-flashed skylight

Self-flashed - QPF





(2) QPF M06 Self-flashed skylights  
(1) QPF S06 Self-flashed skylight








## Factory installed blinds

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

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

Basics			Authentics	
				
<b>CS00</b> CH00 White	<b>CS01</b> CH01 Beige	<b>CS41</b> CH41 Charcoal	<b>CS42</b> CH42 Green	<b>CS43</b> CH43 Grey

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

Lights	Naturals		Shadows	
				
<b>FS00</b> FH00 White	<b>FS01</b> FH01 Classic sand	<b>FS31</b> FH31 Misty brown	<b>FS32</b> FH32 Lovely latte	<b>FS33</b> FH33 Shiny cappuccino

In-stock venetian blind (Manual only)



**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](http://veluxusa.com/taxcredits)



## Quality construction

Pre-installed metal pan-flashing design for use with roofing sealant based installation.

# Self-flashed skylight








Self-flashed - QPF



Self flashed skylight - QPF

## Benefits:

- 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.

<b>Model QPF</b>	 <b>14° - 60°</b> <b>3:12 - 20:12</b>						
		2222	2230	2246	3030	3046	4646
<b>Outside curb</b>	(W-in. x H-in.)	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.



(2) VSS M06 Solar Powered "Fresh Air" Skylights  
Blind: 4561 Dark purple blackout blind

# 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**

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

**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](http://veluxusa.com/taxcredits)*







# Special order blinds

**New**

## 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

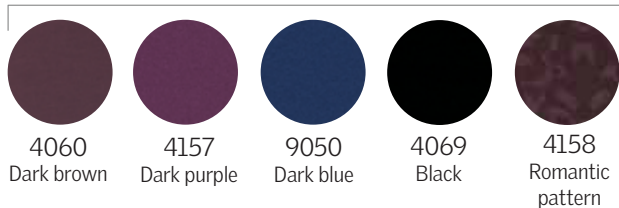
✓ **Basic privacy**  
Offers both protection and good looks.

✓ **Solar powered or manual**

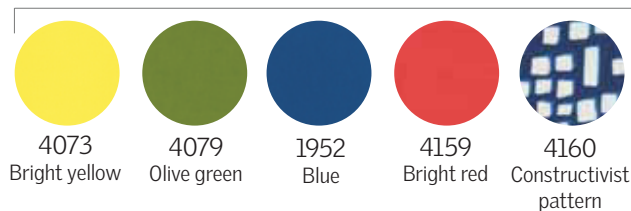
### Minimalists



### Romantics



### Constructivists



## Venetian blinds

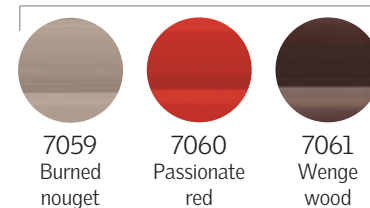
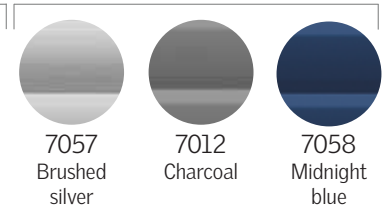
✓ **Complete light control**  
Control amount and direction of incoming light and shadows.

✓ **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](http://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™

(1) GGU MK10 Center-pivot roof window  
Blind: 1156 Blue room darkening blind





### 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

Top hinged roof window - GPU  
 Center-pivot roof window - GGU



Top hinged roof window - GPU



Center-pivot roof window - GGU

## Benefits:

- Enjoy panoramic views while increasing your energy efficiency and natural ventilation.
- Greatly increase the amount of natural light in your rooms.
- Convenient bottom operation - the perfect choice for loft conversions with windows in easy reach.
- GGU roof windows are only available for special order.
- Convenient - even with furniture placed beneath the roof window.
- Easy to open and quick to close with the top control bar. (GGU only)
- Low installation allows for more flexibility and better views.

Size code GPU



Rough opening

(W-in. x H-in.)

	CK04	CK06	MK04	MK06	MK08	PK10	SK06	UK08
	22 <sup>1</sup> / <sub>8</sub> x 39	22 <sup>1</sup> / <sub>8</sub> x 46 <sup>7</sup> / <sub>8</sub>	31 <sup>1</sup> / <sub>4</sub> x 39	31 <sup>1</sup> / <sub>4</sub> x 46 <sup>7</sup> / <sub>8</sub>	31 <sup>1</sup> / <sub>4</sub> x 55 <sup>1</sup> / <sub>2</sub>	37 <sup>5</sup> / <sub>8</sub> x 63 <sup>1</sup> / <sub>2</sub>	45 <sup>3</sup> / <sub>8</sub> x 46 <sup>7</sup> / <sub>8</sub>	53 <sup>1</sup> / <sub>4</sub> x 55 <sup>1</sup> / <sub>2</sub>

Size code GGU



Rough opening

(W-in. x H-in.)

	CK02	CK04	CK06	FK04	FK06	FK08	MK04	MK06	MK08	MK10	PK06	PK08	PK10	SK06	SK08	UK04	UK08
	22 <sup>1</sup> / <sub>8</sub> x 31 <sup>1</sup> / <sub>8</sub>	22 <sup>1</sup> / <sub>8</sub> x 39	22 <sup>1</sup> / <sub>8</sub> x 46 <sup>7</sup> / <sub>8</sub>	26 <sup>1</sup> / <sub>2</sub> x 39	26 <sup>1</sup> / <sub>2</sub> x 46 <sup>7</sup> / <sub>8</sub>	26 <sup>1</sup> / <sub>2</sub> x 55 <sup>1</sup> / <sub>2</sub>	31 <sup>1</sup> / <sub>4</sub> x 39	31 <sup>1</sup> / <sub>4</sub> x 46 <sup>7</sup> / <sub>8</sub>	31 <sup>1</sup> / <sub>4</sub> x 55 <sup>1</sup> / <sub>2</sub>	31 <sup>1</sup> / <sub>4</sub> x 63 <sup>1</sup> / <sub>2</sub>	37 <sup>5</sup> / <sub>8</sub> x 46 <sup>7</sup> / <sub>8</sub>	37 <sup>5</sup> / <sub>8</sub> x 55 <sup>1</sup> / <sub>2</sub>	37 <sup>5</sup> / <sub>8</sub> x 63 <sup>1</sup> / <sub>2</sub>	45 <sup>3</sup> / <sub>8</sub> x 46 <sup>7</sup> / <sub>8</sub>	45 <sup>3</sup> / <sub>8</sub> x 55 <sup>1</sup> / <sub>2</sub>	53 <sup>1</sup> / <sub>4</sub> x 39	53 <sup>1</sup> / <sub>4</sub> x 55 <sup>1</sup> / <sub>2</sub>



# Roof windows

## 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



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



# 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](http://thenoleakskylight.com).*

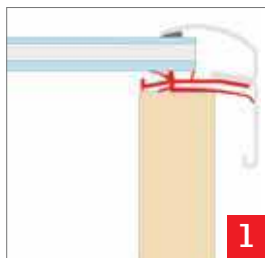
# The No Leak Skylight

• No Leak Promise • No Worries

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## Curb mounted - 3 layers of protection

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### 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](http://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](http://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*

# Accessories

Accessories for all your skylight conveniences

## Instant light shaft

(ZZZ 234)

New

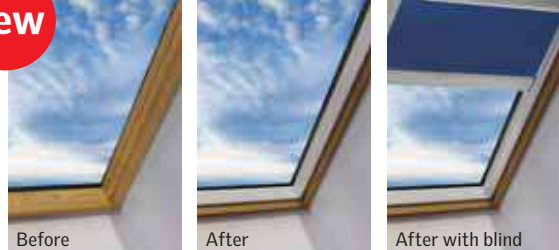


The VELUX Instant Light Shaft simplifies the installation of a skylight by eliminating the time and costs associated with the construction of a traditional drywall light shaft.

## Sun screen accessory adapter kit

(ZZZ 232)

New

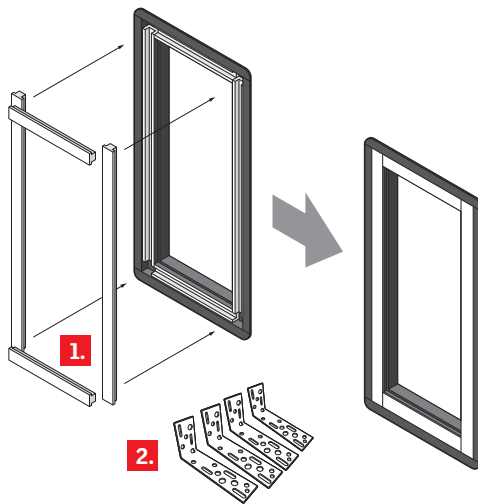


Enables prior model skylights to be fitted with any of our current model blinds. Available as a special order.  
**For models manufactured prior to January 1, 2010.**

## Replacement kits for FS and VS

(ZZZ 238)

New



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.

### 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



### Angle adapter for chain operator (ZZZ 203)

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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)

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

### Trim kit with L parts (ZZZ 213)

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

### Intelligent touch remote control (KLR 200)

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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.

### VS Replacement hook (ZZZ 202) VCM Replacement hook (ZZZ 211)

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Available for manual venting skylights.

### VS Crank handle (ZZZ 201) VCM Crank handle (ZZZ 212)

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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)

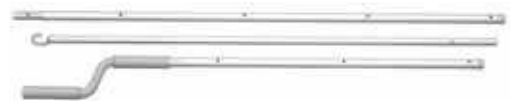
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The sunscreening accessory tray combined with the revolutionary Pick&Click!™ system makes blind installation quick and easy for VELUX fixed curb mounted skylights. It has everything built-in.

### Extension rods (ZCT 300, ZMT 300, ZCT 100, ZXT 200)

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



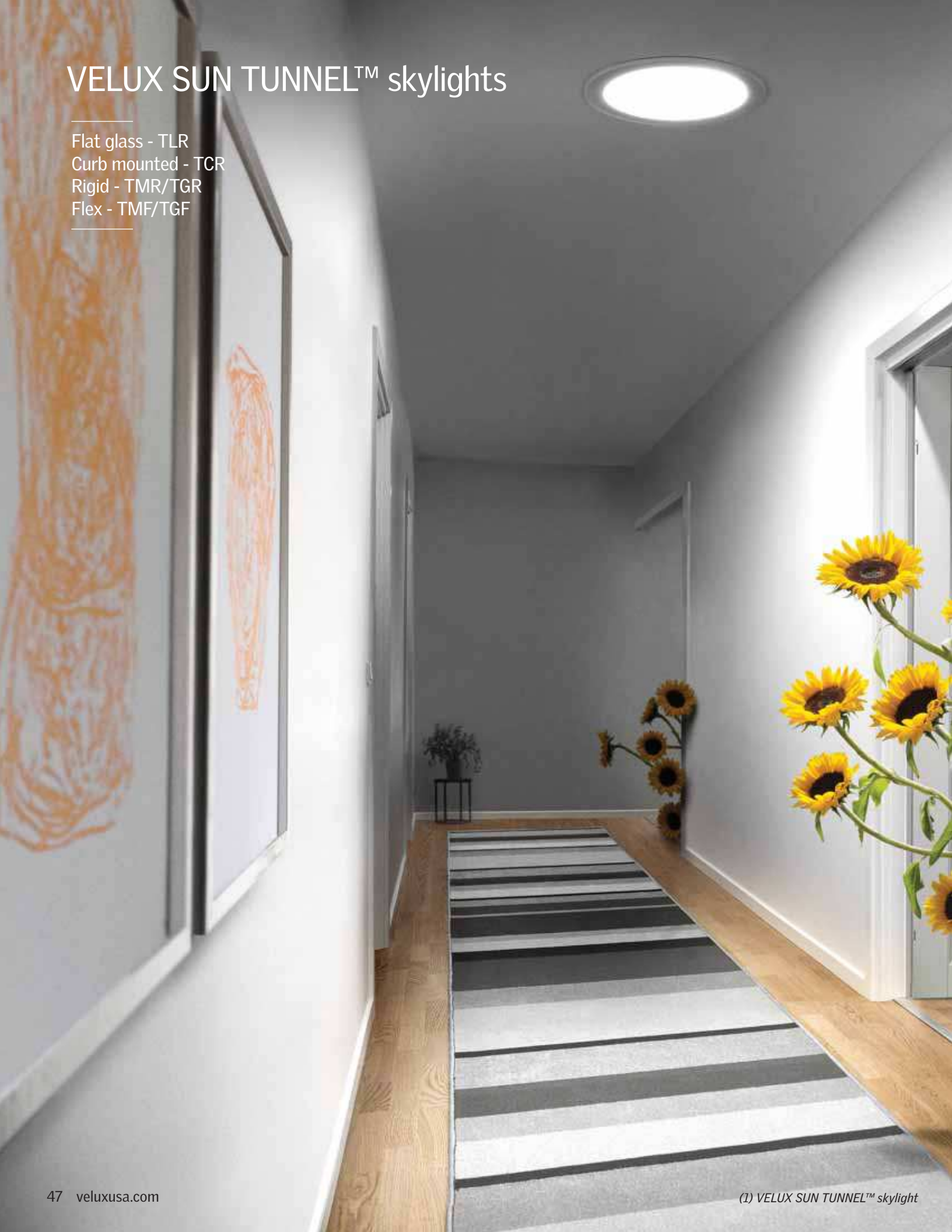
3-ft. extension for ZCT 300, ZMT 300, and ZXT 200  
(ZCT 100) Available for models: FS, VS, VCM, QPF



"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





**FIVE-STAR REVIEW**

"The Sun Tunnels are great. They add such nice, natural light to the room!"



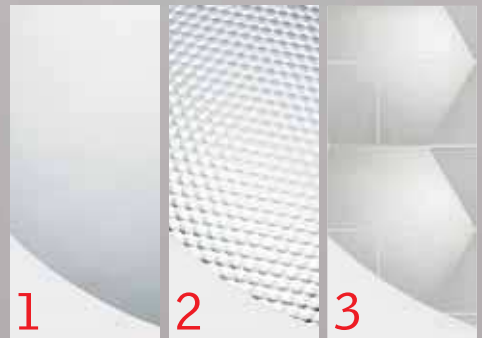
**Pivoting tunnel system**

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.	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	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:

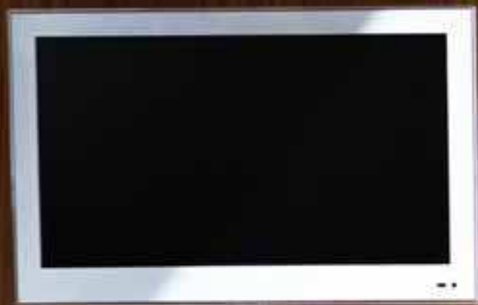
- Pitched flashing provides optimum angle for gathering light from all roof directions.
- Tile flashing available.
- Impact models available for hurricane prone areas.
- Low profile flashing provides an integrated look with the roofline.
- Pivoting tunnel system and flexible tunnel for a quick and easy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

# Accessories

VELUX SUN TUNNEL™ accessories



#### FIVE-STAR REVIEW

"Really like how the Sun Tunnels brighten the room and the nice soft light they provide."

# Accessories

## Energy kit (ZTC 0041US)

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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)

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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)

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

**Available for all models.**



## ZTK Blackout shade

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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 (ZTM)

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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)

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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)

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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)

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

## Rigid tube (ZTR)

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24-in. 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)

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

## Decorative diffuser (ZTB)

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



Brushed nickel  
ZTB 3021US



Polished brass  
ZTB 3022US



Oil rubbed bronze  
ZTB 3023US



White  
ZTB 3020US

Available for 10" and 14"

# NEW VELUX Modular Skylights

Fully integrated ventilation and sunscreening





## 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.

# NEW 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	<b>Fixed:</b> 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	<b>Ventilating:</b> 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	<b>Fixed:</b> 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	<b>Ventilating:</b> 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	<b>Fixed:</b> Three fixed longlights, complete with flashing components.**	120 1/16" x 51"
	HVC 100160 SL0049	HFC 100160 SL0019		120 1/16" x 67"
	HVC 100200 SL0049	HFC 100200 SL0019	<b>Ventilating:</b> Three longlights, two fixed, one electrically operated vented, complete with flashing components. Includes electric control system and wind and rain sensor.**	120 1/16" x 83"
	HVC 100240 SL0049	HFC 100240 SL0019		120 1/16" x 98"
	HVC 100120 SL0050	HFC 100120 SL0020	<b>Fixed:</b> 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	<b>Ventilating:</b> 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	<b>Fixed:</b> 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	<b>Ventilating:</b> 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"

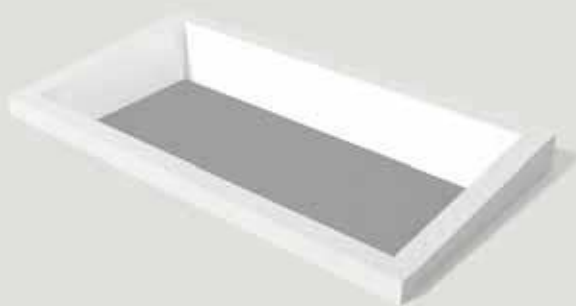
\*Assumes 0° roof pitch

\*\*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

## Sub-construction



### Sub-construction dimensions depend on the scope of the project

VELUX Modular Skylights Longlights are installed on a sub-construction made out of wood, steel or concrete. The sub-construction does not form part of the VELUX skylight solution and is not included in price. The individual details of each building's roof structure and load tolerances (statics) will vary from project to project.

For installation purposes, it is essential that the sub-construction should meet precise specifications in terms of dimensions, load-bearing capacity etc. VELUX product sheets and installation instructions for Longlights and Ridgelights contain detailed descriptions of each product and the relevant installation process.

Remember to consult your local installer before choosing your solution, or else contact the VELUX Modular Skylights Support Team for further information and project specific details.



#### **Timber**

Timber remains the most flexible choice for creating a light and economical sub-construction with maximum energy performance.



#### **Steel**

Steel offers flexibility in combination with great strength. Steel also permits the application to be installed with the maximum amount of insulation.



#### **Concrete**

Concrete provides a strong, but heavy sub-construction, mostly suited for concrete buildings and are usually cast in-situ

**More VMS configurations are available.**

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

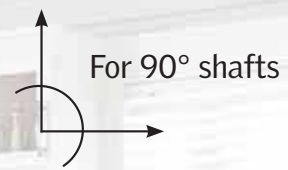


New



# 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](http://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.



# Testing data

VSE/VSS Technical Information					
Glass	04	06**	08	10	9994
Air infiltration/exfiltration* [max. @ 75 Pa (1.57 lbs/ft <sup>2</sup> ) differential pressure]					
l/s/m <sup>2</sup>	0.2	0.4	0.2	0.3	0.2
cfm/ft <sup>2</sup>	0.03	0.07	0.03	0.06	0.03
Water resistance @ 3.4 L/m <sup>2</sup> /min (5 USgal/ft <sup>2</sup> /hr) * [max. tested differential pressure with no leakage]					
Pascals	720	720	720	720	720
lbs/ft <sup>2</sup>	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 <sup>2</sup> )				
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 <sup>2</sup> )				
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: Products 426-H-670, -678, -679, -682 (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 <sup>2</sup> ) differential pressure]							
l/s/m <sup>2</sup>	0.2	0.5	0.4	0.2	0.3	0.5	0.2
cfm/ft <sup>2</sup>	0.03	0.09	0.07	0.03	0.06	0.09	0.03
Water resistance @ 3.4 L/m <sup>2</sup> /min (5 USgal/ft <sup>2</sup> /hr) * [max. tested differential pressure with no leakage]							
Pascals	720	720	720	720	720	720	720
lbs/ft <sup>2</sup>	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 <sup>2</sup> )						
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 <sup>2</sup> )						
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: Products 426-H-670, -678, -679, -682 (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) 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 <sup>2</sup> ) differential pressure]							
l/s/m <sup>2</sup>	0.1	0.7	0.1	0.1	0.1	0.7	0.1
cfm/ft <sup>2</sup>	0.01	0.14	0.01	0.01	0.01	0.14	0.01
Water resistance @ 3.4 L/m <sup>2</sup> /min (5 USgal/ft <sup>2</sup> /hr) * [max. tested differential pressure with no leakage]							
Pascals	720	720	720	720	720	720	720
lbs/ft <sup>2</sup>	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)	999	95.2	999	999	999	95.3	999
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 <sup>2</sup> )						
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 <sup>2</sup> )						
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: Products 426-H-669, -672, -675, -680 -694 (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) 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 <sup>2</sup> ) differential pressure]					
l/s/m <sup>2</sup>	0.1	0.1	0.1	<0.1	0.1
cfm/ft <sup>2</sup>	0.02	0.01	0.02	<0.01	0.02
Water resistance @ 3.4 L/m <sup>2</sup> /min (5 USgal/ft <sup>2</sup> /hr) * [max. tested differential pressure with no leakage]					
Pascals	720	720	720	720	720
lbs/ft <sup>2</sup>	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	0.23
VT	0.55	0.54	0.40	0.54	0.54
UV protection, %					
(300-380 nm)	999	999	999	999	999
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 <sup>2</sup> )				
4646	45	60	45	40	45
2246	n.r.	n.r.	n.r.	65	n.r.
Tested Size	Download (lbs/ft <sup>2</sup> )				
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: Products 426-H-695, -696, -697, -698					
** 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 <sup>2</sup> ) differential pressure]						
l/s/m <sup>2</sup>	0.1	<0.1	0.1	<0.1	<0.1	0.1
cfm/ft <sup>2</sup>	0.02	<0.01	0.01	<0.01	<0.01	0.02
Water resistance @ 3.4 L/m <sup>2</sup> /min (5 USgal/ft <sup>2</sup> /hr) * [max. tested differential pressure with no leakage]						
Pascals	720	720	720	720	720	720
lbs/ft <sup>2</sup>	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	0.23	0.23
VT	0.55	0.56	0.54	0.54	0.54	0.54
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 <sup>2</sup> )					
4646	45	30	60	40	30	45
2246	n.r.	n.r.	n.r.	65	n.r.	n.r.
Tested Size	Download (lbs/ft <sup>2</sup> )					
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: <b>Products 426-H-695, -696, -697, -698</b>						
** O6 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	06**	10	9993	9994
Air infiltration/exfiltration* [max. @ 75 Pa (1.57 lbs/ft <sup>2</sup> ) differential pressure]						
l/s/m <sup>2</sup>	0.2	<1	<1	0.1	<1	0.2
cfm/ft <sup>2</sup>	0.03	<0.01	<0.01	0.01	<0.01	0.03
Water resistance @ 3.4 L/m <sup>2</sup> /min (5 USgal/ft <sup>2</sup> /hr) * [max. tested differential pressure with no leakage]						
Pascals	720	720	720	720	720	720
lbs/ft <sup>2</sup>	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	0.46	0.47	0.43	0.43
SHGC	0.27	0.27	0.27	0.27	0.25	0.25
VT	0.63	0.64	0.62	0.62	0.57	0.57
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 <sup>2</sup> )					
4646	120	140	80	135	140	120
2270	100	n.r.	n.r.	n.r.	n.r.	100
Tested Size	Download (lbs/ft <sup>2</sup> )					
4646	250	100	100	970	100	250
2270	200	n.r.	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: <b>Products 426-H-671, -701, -702, -703</b>						
** O6 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						
Note: The FCM 4646 0007 (or smaller) is the only VELUX skylight qualified for use in the Florida HVHZ (High Velocity Hurricane Zone). See Miami-Dade NOA No. 12-0223.14						

## 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 0199 (IAPMO-ES). In addition, Florida and TDI have listed most variants in their product evaluation/approval systems, and the FCM 07 is covered by Miami-Dade NOA #12-0233.14.

QPF Technical Information						
Glass	04	05	06**	08	9993	9994
Air infiltration/exfiltration* [max. @ 75 Pa (1.57 lbs/ft <sup>2</sup> ) differential pressure]						
l/s/m <sup>2</sup>	0.5	0.3	0.4	0.5	0.3	0.5
cfm/ft <sup>2</sup>	0.09	0.06	0.08	0.09	0.06	0.09
Water resistance @ 3.4 L/m <sup>2</sup> /min (5 USgal/ft <sup>2</sup> /hr) * [max. tested differential pressure with no leakage]						
Pascals	580	720	720	580	720	580
lbs/ft <sup>2</sup>	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)						
(300-600 nm)	83.1	79.2	84.6	88.4	81.6	85.1
Structural Performance [Performance Grade or DP] *						
Tested Size	Uplift (lbs/ft <sup>2</sup> )					
4646	80	80	100	80	80	80
Tested Size	Download (lbs/ft <sup>2</sup> )					
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: <b>Products 426-H-677, -699, -700</b>						
** 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						

SUN TUNNEL™ skylights Technical Information*							
Model	TLR	TSR	TCR	TGF	TGR	TMF	TMR
Air infiltration/exfiltration* [max. @ 75 Pa (1.57 lbs/ft <sup>2</sup> ) differential pressure]							
l/s/m <sup>2</sup>	0.2 (Fixed)	0.3 (A3)	0.5 (A3)	0.2 (Fixed)			
cfm/ft <sup>2</sup>	.03	.05	.09	.04			
Water resistance @ 3.4 L/m <sup>2</sup> /min (5 USgal/ft <sup>2</sup> /hr)* [max. tested differential pressure with no leakage]							
Pascals (Pa)	720	720	720	720			
lbs/ft <sup>2</sup> (psf)	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*ft <sup>2</sup> *F°] and (W/[m <sup>2</sup> *K°])							
Base Model	.61 (3.46)	.38 (2.16)	n.r.	.50 (2.84)	n.r.	.50 (2.84)	n.r.
w/ Energy kits	n.r.	n.r.	.38 (2.16)	.37 (2.10)	.38 (2.16)	.37 (2.10)	.38 (2.16)
SHGC: US and (Canadian) ratings shown for models with E0 and (E1) energy kits							
Base model	.44	.37	n.r.	.21	n.r.	.21	n.r.
w/ Energy kits	n.r.	n.r.	.25 (0.36)	n.r. (0.21)	.25 (0.37)	n.r. (0.21)	.25 (0.37)
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	NA	240 (155) Acrylic only	165 (125)	125 (90)			
Temp. Glass	n.r. (170)	NA					
Dome Type:**	Download (positive)						
Acrylic or Polycarbonate	NA	400 (250) Acrylic only	300 (200)	300 (200)			
Temp. Glass	n.r. (250)	NA					
* Tested 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 <a href="http://www.wdma.com">www.wdma.com</a> , Hallmark Nos. 426-H-626, -693, -705, -706)							
** Products 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							

**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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**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](http://velux.com).

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