

**VELUX®**

Skylights

# Residential skylights

HGTV  
**SMART  
HOME**  
PROUD SPONSOR  
2015

*Bringing light to life™*



# Contents

## Why VELUX skylights

- Page
- 1 The VELUX House
  - 2 The logical choice for any skylight installation
  - 4 Choosing the right glass

## Products

- 6 Solar Powered "Fresh Air" Skylights
- 10 Electric "Fresh Air" skylights
- 14 Manual "Fresh Air" skylights
- 18 Fixed skylights
- 24 Self-flashed skylights
- 28 Special order blinds
- 32 Roof windows
- 40 Three layers of protection warranty
- 42 Deck mounted flashing systems
- 43 Curb mounted flashing systems
- 44 Skylight accessories
- 46 SUN TUNNEL™ skylights
- 51 SUN TUNNEL™ skylight accessories

## Testing data

- 54 How to order
- 56 Testing data

# 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 32-39

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 6-9

**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 48



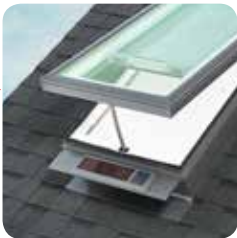
The electric "Fresh Air" models feature pre-mounted Pick&Click!™ system brackets, making installation of sunscreen blinds a snap. A single hard wire connects to a standard junction box.

Pages 10-13



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

Pages 46-50



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

Pages 6-9



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 14-17



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 18-23



# 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)



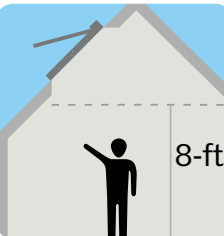
## Clean, Quiet & Safe glass



**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.



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



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

(2) VSE M08 Electric "Fresh Air" skylights  
(1) VSE S06 Electric "Fresh Air" skylights  
Blind: 0705 Blackout blind



# Choosing the right glass

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

10-year  
hail breakage  
warranty  
For complete information  
visit [veluxusa.com](http://veluxusa.com)

Tempered glass (xx05)



Ordinary glass: Water beads higher on rough surface of ordinary glass, causing more spots and greater cleaning needs.

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

Neat® glass: The smooth surface disperses water evenly, removing dirt more quickly and reducing water spots.

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

<b>Impact (xx06)</b> Available on: VSS, VSE, VCS, VCE, VS, VCM, FS, FCM, QPF	<b>Miami-Dade (xx07)</b> Available on: FCM	<b>White laminated (xx08)</b> Available on: VSE, VCE, VS, VCM, FS, FCM, QPF	<b>Snowload (xx10)</b> Available on: VSE, VCE, VS, VCM, FS, FCM
---	---	--	--

## 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.

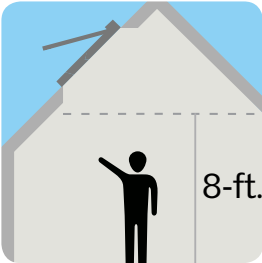
Titanium dioxide reacts chemically with the sun's UV rays, causing organic materials that are on the glass to decompose. It works even on cloudy days, as 80 percent of UV radiation gets through cloud cover. Then when it rains, the decomposed dirt is rinsed away, leaving the glass almost spotless. Result?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

When Neat® is applied to LoE glass, it combines the ultimate in low maintenance with the best energy-conserving LoE glass on the planet. So homes stay warmer in winter, cooler in summer. Neat® LoE 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 LoE3, 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.



(2) VSS M06 Solar Powered "Fresh Air" Skylight  
Blind: 4103 Light filtering blind



# Solar Powered "Fresh Air" Skylights

Deck mounted - VSS  
Curb mounted - VCS

The  
No Leak  
Skylight  
No Leak Promise  
No Worries

(2) VSS M06 Solar Powered "Fresh Air" Skylight  
Blind: 4571 Blackout blind

## Special order blinds

### New 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					

### New 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					
4563 Curry	4564 Orange	4565 Pale pink	0705 Grey	4567 Olive green	4568 Vegetal pattern
Graphics					
4569 Pale green	4570 Bright yellow	4571 Light blue	4572 Flash red	3009 Black	4573 Graphic pattern

### Light filtering blinds-flat

Solar powered

Minimalists					Romantics	
1028 White	1086 Beige	4000 Natural	4155 Sand	4156 Minimalist pattern	4060 Dark brown	
Romantics				Constructivists		
4157 Dark purple	9050 Dark blue	4069 Black	4158 Romantic pattern	4073 Bright yellow	4079 Olive green	
Constructivists						
1952 Blue	4159 Bright red	4160 Constructivists pattern				

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)

## 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



VELUX flashing  
required.



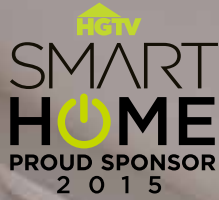
## Benefits:

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

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



Eligible for a  
30%  
Federal tax credit

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

(2) VSS M06 Solar Powered "Fresh Air" Skylights  
Blind: 3007 Blackout blind



# Electric "Fresh Air" skylights

Deck mounted - VSE  
Curb mounted - VCE

The  
No Leak  
Skylight  
No Leak Promise  
No Worries

(2) VSE M08 Electric "Fresh Air" skylights  
(1) VSE S06 Electric "Fresh Air" skylights  
Blind: 0705 Blackout blind

## Special order blinds

### New 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

### New 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					
4563 Curry	4564 Orange	4565 Pale pink	0705 Grey	4567 Olive green	4568 Vegetal pattern

Graphics					
4569 Pale green	4570 Bright yellow	4571 Light blue	4572 Flash red	3009 Black	4573 Graphic pattern

### Light filtering blinds-flat

*Solar powered*

Minimalists					Romantics	
1028 White	1086 Beige	4000 Natural	4155 Sand	4156 Minimalist pattern	4060 Dark brown	

Romantics				Constructivists	
4157 Dark purple	9050 Dark blue	4069 Black	4158 Romantic pattern	4073 Bright yellow	4079 Olive green

Constructivists		
1952 Blue	4159 Bright red	4160 Constructivists pattern

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)

## 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 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.





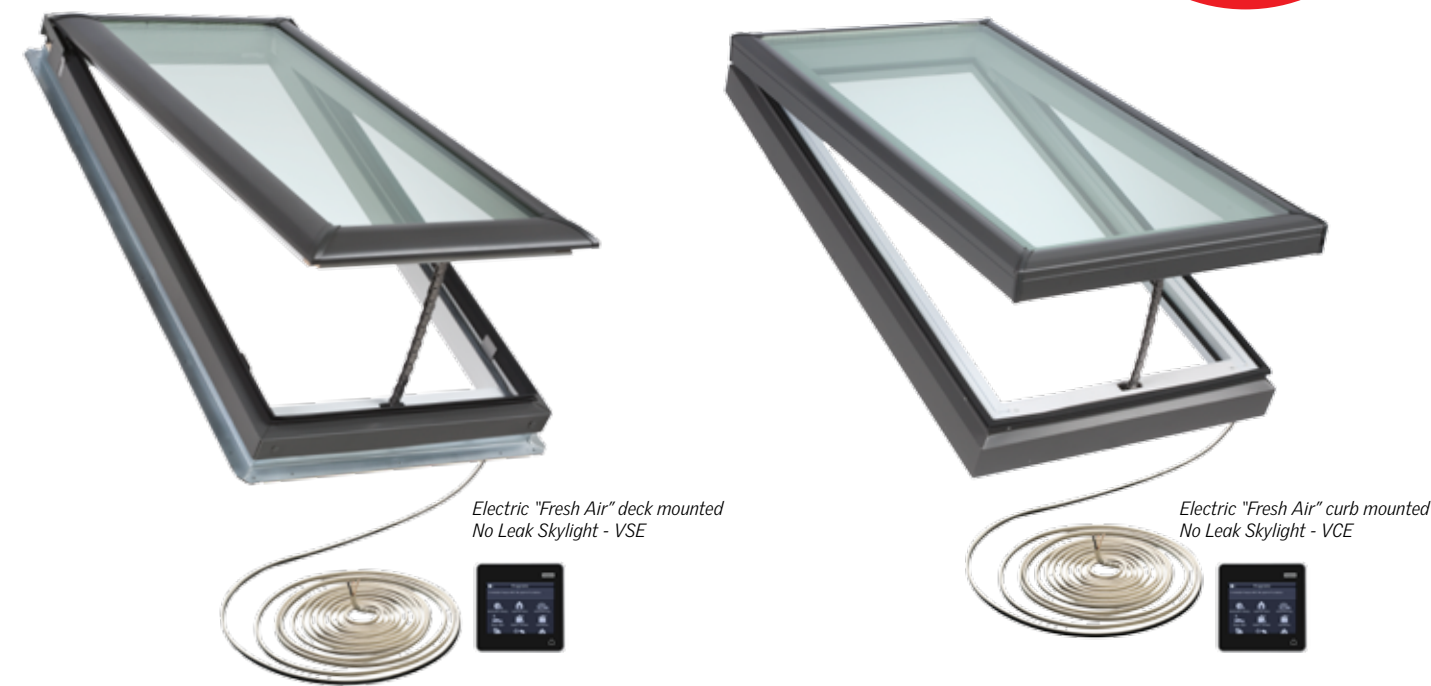
# Electric "Fresh Air" skylights

Deck mounted - VSE  
Curb mounted - VCE

No Leak  
Warranty

For complete information visit  
thenoleakskylight.com

VELUX flashing  
required.



## 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 7/8	21 x 37 7/8	21 x 45 3/4	21 x 54 7/16	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 VCE									
	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.



60 Over 60 special order  
blinds available Pages 28-31

(3) VSE M06 Electric "Fresh Air" skylights  
Blind: 4556 Blackout blind



# Manual "Fresh Air" skylights

Deck mounted - VS  
Curb mounted - VCM

The  
No Leak  
Skylight  
No Leak Promise  
No Worries



(2) VCM 3046 Manual "Fresh Air" skylight  
Blind: 3001 Blackout blind

## Special order blinds

### New 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					

### New 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					
4563 Curry	4564 Orange	4565 Pale pink	0705 Grey	4567 Olive green	4568 Vegetal pattern
Graphics					
4569 Pale green	4570 Bright yellow	4571 Light blue	4572 Flash red	3009 Black	4573 Graphic pattern

### Light filtering blinds-flat

Solar powered

Minimalists				Romantics	
1028 White	1086 Beige	4000 Natural	4155 Sand	4156 Minimalist pattern	4060 Dark brown
Romantics			Constructivists		
4157 Dark purple	9050 Dark blue	4069 Black	4158 Romantic pattern	4073 Bright yellow	4079 Olive green
Constructivists					
1952 Blue	4159 Bright red	4160 Constructivists pattern			

### Venetian blinds

Manual only (VS only)

Barn		Factory			Club	
7055 Delicate vanilla	7056 Spingled gold	7057 Brushed silver	7012 Charcoal	7058 Midnight blue	7059 Burned nougat	
Club						
7060 Passionate red	7061 Wenge wood					

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)

## 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

Federal tax credit on solar powered blinds\*  
30% 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)



## 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

VELUX flashing  
required.





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



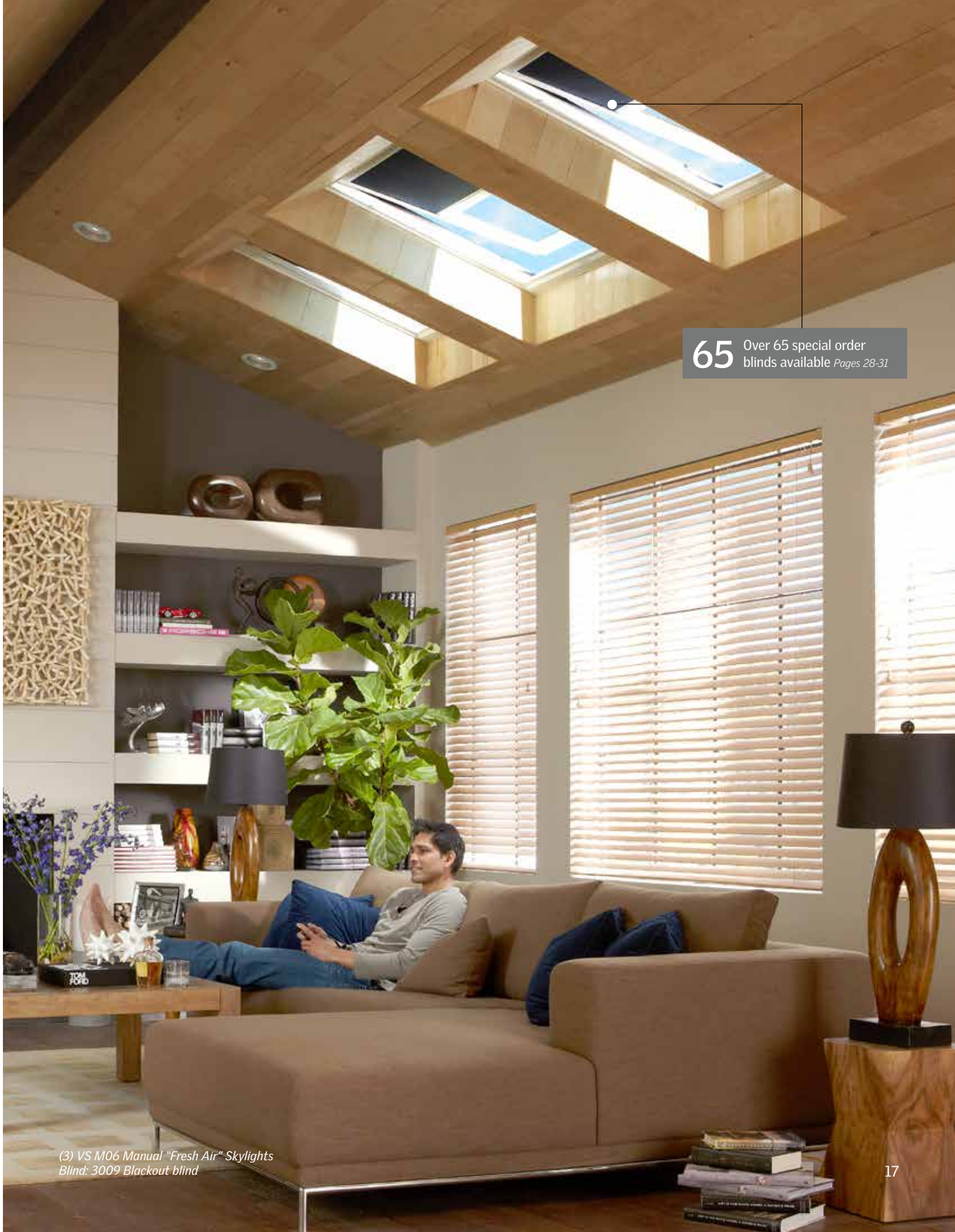
Manual "Fresh Air" curb mounted  
No Leak Skylight - VCM

## 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.

Model VS	 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 1/16	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 VCM	 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.



65 Over 65 special order  
blinds available Pages 28-31

(3) VS M06 Manual "Fresh Air" Skylights  
Blind: 3009 Blackout blind



Fixed skylights

Deck mounted - FS/FSR  
Curb mounted - FCM

The  
No Leak  
Skylight  
No Leak Promise  
No Worries

(3) FS M06 Fixed skylights  
Blind: 0705 Blackout blind

Special order blinds

New Room darkening - double pleated blinds

Solar powered or manual

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

New Light filtering - single pleated blinds

Solar powered or 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

Solar powered or 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.)

Solar powered or manual

Vegetals					
4563 Curry	4564 Orange	4565 Pale pink	0705 Grey	4567 Olive green	4568 Vegetal pattern
Graphics					
4569 Pale green	4570 Bright yellow	4571 Light blue	4572 Flash red	3009 Black	4573 Graphic pattern

Light filtering blinds-flat

Solar powered or manual

Minimalists					Romantics	
1028 White	1086 Beige	4000 Natural	4155 Sand	4156 Minimalist pattern	4060 Dark brown	
Romantics					Constructivists	
4157 Dark purple	9050 Dark blue	4069 Black	4158 Romantic pattern	4073 Bright yellow	4079 Olive green	
Constructivists						
1952 Blue	4159 Bright red	4160 Constructivists pattern				

Venetian blinds

Manual only

Barn		Factory				Club	
7055 Delicate vanilla	7056 Spingled gold	7057 Brushed silver	7012 Charcoal	7058 Midnight blue	7059 Burned nougat		
Club							
7060 Passionate red	7061 Wenge wood						

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)

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	
CS00 CH00 White	CS01 CH01 Beige	CS41 CH41 Charcoal	CS42 CH42 Green	CS43 CH43 Grey

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

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

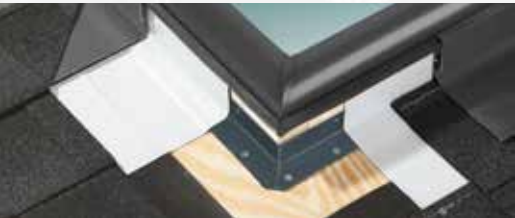
In-stock venetian blind (Manual only)

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)



3 layers of protection

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



Fixed skylights

Deck mounted - FS  
Deck mounted replacement skylight series - FSR

No Leak  
Warranty

For complete information visit  
thenoleakskylight.com

VELUX flashing  
required.



The elimination of the drywall groove in this series allows for greater installation flexibility and more positioning options when replacing existing skylights.

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.

Note: In general, the FSR allows a finished opening variance of 2-in. on the width and height for an ideal fit where the front of the drywall will be under the white skylight frame. An additional 2-in. in width and height variance will allow the skylight to fit the opening, but additional trim will be required.

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 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.																
Model FSR																
	14° - 85° 3:12 - 137:12															
			D26	D06	M02	S06										
	Outside frame	(W-in. x H-in.)		23 1/4 x 23 7/16	23 1/4 x 46 1/4	30 9/16 x 30 1/2	44 3/4 x 46 1/4									
	Rough opening	(W-in. x H-in.)		22 1/2 x 22 15/16	22 1/2 x 45 3/4	30 1/16 x 30	44 1/4 x 45 3/4									
Ideal fit width	(W-in. x H-in.)		21 1/8 - 22 3/8	21 1/8 - 22 3/8	28 1/2 - 29 3/4	42 3/8 - 44										
Ideal fit height	(W-in. x H-in.)		21 1/2 - 22 3/4	44 1/4 - 45 1/2	28 1/2 - 29 3/4	44 1/4 - 45 1/2										

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



(2) FCM 2222 Fixed skylights



# Fixed skylights

Curb mounted - FCM

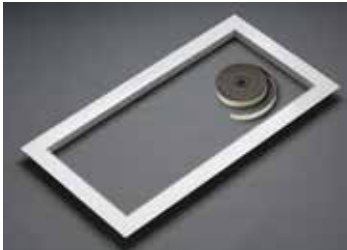
No Leak  
Warranty

For complete information visit  
thenoleakskylight.com

VELUX flashing  
required.



Fixed curb mounted No Leak  
Skylight - FCM

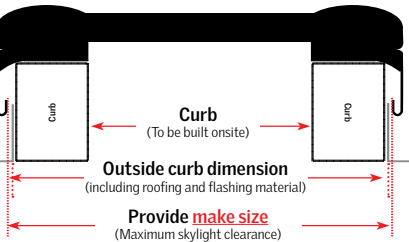


Accessory tray is required for  
blind installation.

## 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 speciality 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.



(2) FCM-2222 Fixed skylights



Self-flashed skylight

Self-flashed - QPF



(2) FS M06 skylights  
(1) FS S06 Fixed skylight  
Blind: 2055 Blackout blind

Special order blinds

New Room darkening - double pleated blinds

Solar powered or manual

Authentics

1049

Golden beige

1159

Brown

Basics

1156

Blue

Dynamics

1051

Raspberry

1162

Cherise

1160

Yellow

Dynamics

1161

Orange

New Light filtering - single pleated blinds

Solar powered or manual

Lights

1255

Snowy white

1256

Classic white

1257

Wavy white

Naturals

1258

Delightful cream

Shadows

1262

Infinite grey

1263

Metallic gold

Shadows

1265

Metallic blue

Masters

1266

Luscious lime

1267

Burned orange

1268

Delightful blue

1269

Classic red

Blossoms

1270

Sunny stripes

Blossoms

1271

Sunny yellow

1272

Sunny blue

1273

Sunny orange

Blackout blinds-flat

Solar powered or 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.)

Solar powered or manual

Vegetals

4563

Curry

4564

Orange

4565

Pale pink

0705

Grey

4567

Olive green

4568

Vegetal pattern

Graphics

4569

Pale green

4570

Bright yellow

4571

Light blue

4572

Flash red

3009

Black

4573

Graphic pattern

Light filtering blinds-flat

Solar powered or manual

Minimalists

1028

White

1086

Beige

4000

Natural

4155

Sand

4156

Minimalist pattern

Romantics

4060

Dark brown

Romantics

4157

Dark purple

9050

Dark blue

4069

Black

4158

Romantic pattern

Constructivists

4073

Bright yellow

4079

Olive green

Constructivists

1952

Blue

4159

Bright red

4160

Constructivists pattern

Venetian blinds

Manual only

Barn

7055

Delicate vanilla

7056

Spingled gold

Factory

7057

Brushed silver

7012

Charcoal

7058

Midnight blue

Club

7059

Burned nougat

Club

7060

Passionate red

7061

Wenge wood

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 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

CS00

CH00

White

CS01

CH01

Beige

CS41

CH41

Charcoal

CS42

CH42

Green

CS43

CH43

Grey

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

Lights

FS00

FH00

White

FS01

FH01

Classic sand

FS31

FH31

Misty brown

Naturals

FS32

FH32

Lovely latte

Shadows

FS33

FH33

Shiny cappuccino

In-stock venetian blind (Manual only)

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

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.

Model QPF



Outside curb

(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

65 Over 65 special order blinds available Pages 28-31



(2) QPF 3046 Fixed skylight  
Blind: 1705 Blackout blind



# Special order blinds

New

## 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](https://www.veluxusa.com/taxcredits)*





Special order blinds

New

Light filtering - single pleat blinds

- ✓ Colorful light effects  
Softens incoming light.

- ✓ Solar powered or manual

Lights

1255

Snowy white

1256

Classic white

1257

Wavy white

1258

Delightful cream

1262

Infinite grey

Naturals

1263

Metallic gold

1265

Metallic blue

1266

Luscious lime

1267

Burned orange

1268

Delightful blue

Shadows

1269

Classic red

1270

Sunny stripes

1271

Sunny yellow

1272

Sunny blue

1273

Sunny orange

Masters

1263

Metallic gold

1265

Metallic blue

1266

Luscious lime

1267

Burned orange

1268

Delightful blue

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

4558

Essential pattern

4559

Dark brown

1100

Blue

4560

Dark red

2055

Blue

Darks

4561

Dark purple

4562

Dark pattern

4563

Curry

4564

Orange

4565

Pale pink

Vegetals

4561

Dark purple

4562

Dark pattern

4563

Curry

4564

Orange

4565

Pale pink

Darks

4561

Dark purple

4562

Dark pattern

4563

Curry

4564

Orange

4565

Pale pink

Vegetals

4561

Dark purple

4562

Dark pattern

4563

Curry

4564

Orange

4565

Pale pink

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

1028

White

1086

Beige

4000

Natural

4155

Sand

4156

Minimalist pattern

Romantics

4060

Dark brown

4157

Dark purple

9050

Dark blue

4069

Black

4158

Romantic pattern

Constructivists

4073

Bright yellow

4079

Olive green

1952

Blue

4159

Bright red

4160

Constructivist pattern

Venetian blinds

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

- ✓ Manual only

Barn

7055

Delicate vanilla

7056

Spingled gold

7057

Brushed silver

7012

Charcoal

7058

Midnight blue

Factory

7055

Delicate vanilla

7056

Spingled gold

7057

Brushed silver

7012

Charcoal

7058

Midnight blue

7059

Burned nouget

7060

Passionate red

7061

Wenge wood

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](https://www.veluxusa.com/taxcredits)

30 veluxusa.com whyskylights.com

31



# Roof windows

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

(1) GGU MK10 Center-pivot roof window  
Blind: CS41 Room darkening energy blind

## Special order blinds

### New 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

### New 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					
4563 Curry	4564 Orange	4565 Pale pink	0705 Grey	4567 Olive green	4568 Vegetal pattern

Graphics					
4569 Pale green	4570 Bright yellow	4571 Light blue	4572 Flash red	3009 Black	4573 Graphic pattern

### Light filtering blinds-flat

Manual

Minimalists				Romantics	
1028 White	1086 Beige	4000 Natural	4155 Sand	4156 Minimalist pattern	4060 Dark brown

Romantics				Constructivists	
4157 Dark purple	9050 Dark blue	4069 Black	4158 Romantic pattern	4073 Bright yellow	4079 Olive green

Constructivists		
1952 Blue	4159 Bright red	4160 Constructivists pattern

### Venetian blinds

Manual only

Barn		Factory			Club
7055 Delicate vanilla	7056 Spingled gold	7057 Brushed silver	7012 Charcoal	7058 Midnight blue	7059 Burned nougat

Club	
7060 Passionate red	7061 Wenge wood

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



### 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 moulding 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.
- Low installation allows for more flexibility and better views.

Size code GPU		 15° - 75° 3:22 - 45:12								
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		 15° - 90°																
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>

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



(1) GPU MK08 Top hinged roof window



# 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

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



(1) FK06 GXU Roof access window



# 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.





35.25°- 53°  
8.5:12 - 15:12



PK19

Rough opening

(W-in. x H-in.)

39 3/8 x 101

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



(3) PK19 GDL CABRIO™ skylight



# 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**

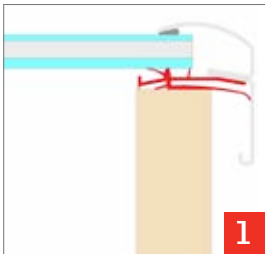
Adhesive underlayment for secondary water protection against the harshest weather conditions.

**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).*

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

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

TM



# Deck mounted flashing systems

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



## 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.

*Note: Adhesive underlayment included in flashing kit*



## 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.*



## 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*



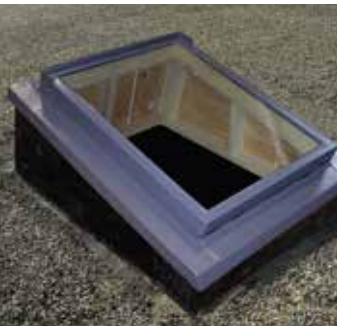
## Metal roofing - EDM

- 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.



## Biepack 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: [www.veluxusa.com](http://www.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. over-and-under and 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



## 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.

*Note: Adhesive underlayment included in flashing kit.*



## 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: Not available for VSS.*



# Accessories

Accessories for all your skylight conveniences

## 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, programing skylights has become simpler than ever.  
Size: 3 11/16-in. x 3 11/16-in.

## 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.



## Sun screen accessory adapter kit (ZZZ 232)



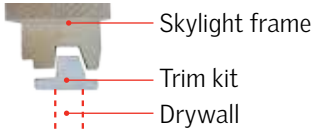
Enables prior model skylights to be fitted with any of our current model blinds. Available as a special order.  
For models manufactured prior to January 1, 2010.

## 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

## Filler piece (ZZZ 213-B)



Trim groove filler pieces simplifies replacement of existing skylights

- Three 57½-in. pieces
- One kit works for most sizes  
(Sizes S06 and C12 will need two kits)

## Structural brackets kit for oversize openings (ZZZ 219)



Structural mounting bracket for deck mounted skylights to be used in applications with an oversized rough opening. Brackets come in sets of four.

## 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.

## 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.

## 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



6-ft. - 10-ft. motorized rod for manual skylights  
(ZMT 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 Replacement hook (ZZZ 202) VCM Replacement hook (ZZZ 211)



Available for manual venting skylights.



# VELUX SUN TUNNEL™ skylights

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



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

- Frosted diffuser (standard)
- Prismatic diffuser (optional)
- Fresnel diffuser (optional)

(1) VELUX SUN TUNNEL™ skylight



# 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	ft.	20	

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.	20	

# 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 directions.
- 10-in. tile flashing kit available. 14-in. and 22-in. tile flashings available for the TCR.
- Impact models available for hurricane prone areas.
- 99% 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.	52*	52*	
Maximum recommended install length	ft.	20	20	

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

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.	52*	52*	
Maximum recommended install length	ft.	20	20	

\*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

## Decorative diffuser (ZTB)

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



(1) 14" VELUX SUN TUNNEL™ skylights with ZTB diffuser in brushed nickel



# 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.

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.

Rotating coupler  
(ZTZ 211)



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

VELUX ZTL electric light kit  
(ZTL)



Tubular daylight fixture that uses a UL approved energy efficient compact florescent bulb (26 watts) designed especially for VELUX SUN TUNNEL skylights.  
**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-in. and 14-in. SUN TUNNEL skylights

Rigid tube  
(ZTR)



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)



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

Tile flashing for 10-in. and 14-in. pitched SUN TUNNEL (ZTM)



Tile flashing accessory for pitched SUN TUNNEL skylights. Engineered with a painted, malleable aluminum water diverting sheet.

Tile flashing for 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.

Decorative diffuser  
(ZTB)



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



# How to order

## Choosing the right skylight for you

### 1 Choose the right location for your skylight



It's never been easier to choose the right location for your skylight. Download the VELUX skylight planner app from the Apple Store or Android Market.



### 2 Choose the right skylight

"Fresh Air" skylights



Available options: VSS, VCS, VSE, VCE, VS, VCM, GPU, GGU, GXU, GDL CABRIO™

Fixed skylights



Available options: FS, FCM, QPF

SUN TUNNEL™ skylights

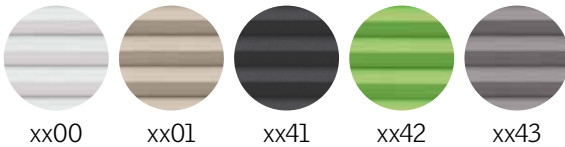


Available options: TLR, TCR, TMR, TGR, TMF, TGF

### 3 Choose a blind or accessory

Choose one of our in-stock factory installed blinds or choose from 80 special order blinds (pages 28-31).

In-stock Room darkening - double pleated blinds



In-stock Light filtering - single pleated blinds



In-stock venetian blind (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 are not pre-installed with your skylight order and require a two week lead time. Special order blinds will ship separately.*

### 4 Choose the right glass

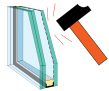
#### For out of reach applications



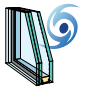
Clean, Quiet & Safe glass (xx04) - recommended

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

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



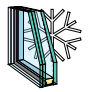
Impact (xx06)  
Available on: VSS, VSE, VCS, VCE, VS, VCM, FS, FCM, QPF



Miami-Dade (xx07)  
Available on: FCM



White laminated (xx08)  
Available on: VSE, VCE, VS, VCM, FS, FCM, QPF



Snowload (xx10)  
Available on: VSE, VCE, VS, VCM, FS, FCM

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

#### For in reach applications



Dual pane tempered glass (xx05)

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

## 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.

**VELUX®**





Testing data

VSE/VSS Technical Information					
Glass	04	06**	08	10	9994
Air infiltration/exfiltration* [max. @ 75 Pa (1.57 lbs/ft²) differential pressure]					
l/s/m²	0.2	0.4	0.2	0.3	0.2
cfm/ft²	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/ft²	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/ft²)				
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/ft²)				
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: <b>Products 426-H-670, -678, -679, -682</b> (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/ft²) differential pressure]							
l/s/m²	0.2	0.5	0.4	0.2	0.3	0.5	0.2
cfm/ft²	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/ft²	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/ft²)						
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/ft²)						
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: <b>Products 426-H-670, -678, -679, -682</b> (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/ft²) differential pressure]							
l/s/m²	0.1	0.7	0.1	0.1	0.1	0.7	0.1
cfm/ft²	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/ft²	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/ft²)						
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/ft²)						
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: <b>Products 426-H-669, -672, -675, -680 -694</b> (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/ft²) differential pressure]					
l/s/m²	0.1	0.1	0.1	<0.1	0.1
cfm/ft²	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/ft²	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)	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/ft²)				
4646	45	60	45	40	45
2246	n.r.	n.r.	n.r.	65	n.r.
Tested Size	Download (lbs/ft²)				
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: <b>Products 426-H-695, -696, -697, -698</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) 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**	08	10	9993	9994
Air infiltration/exfiltration* [max. @ 75 Pa (1.57 lbs/ft²) differential pressure]							
l/s/m²	0.1	<0.1	0.1	0.1	<0.1	<0.1	0.1
cfm/ft²	0.02	<0.01	0.01	0.02	<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	720
lbs/ft²	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 <b>U-Factor</b> , <b>SHGC</b> , and <b>VT</b> ratings listed in the NFRC Certified Products Directory							
U-Factor	0.53	0.53	0.50	0.53	0.51	0.48	0.48
SHGC	0.24	0.24	0.24	0.23	0.24	0.23	0.23
VT	0.55	0.56	0.54	0.40	0.54	0.54	0.54
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/ft²)						
4646	45	30	60	45	40	30	45
2246	n.r.	n.r.	n.r.	n.r.	65	n.r.	n.r.
Tested Size	Download (lbs/ft²)						
4646	230	230	230	230	620	230	230
2246	n.r.	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 <b>VCM</b> skylights are WDMA Hallmark certified: <b>Products 426-H-695, -696, -697, -698</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 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							

Testing data notes

- a) 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.
- b) 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
- c) 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.

FCM Technical Information							
Glass	04	05	06**	08	10	9993	9994
Air infiltration/exfiltration* [max. @ 75 Pa (1.57 lbs/ft²) differential pressure]							
l/s/m²	0.2	<.1	<.1	0.2	0.1	<.1	0.2
cfm/ft²	0.03	<0.01	<0.01	0.03	0.01	<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
lbs/ft²	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 <b>U-Factor</b> , <b>SHGC</b> , and <b>VT</b> ratings listed in the NFRC Certified Products Directory							
U-Factor	0.48	0.49	0.46	0.48	0.47	0.43	0.43
SHGC	0.27	0.27	0.27	0.26	0.27	0.25	0.25
VT	0.63	0.64	0.62	0.46	0.62	0.57	0.57
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/ft²)						
4646	120	140	80	120	135	140	120
2270	100	n.r.	n.r.	100	n.r.	n.r.	100
Tested Size	Download (lbs/ft²)						
4646	250	100	100	250	970	100	250
2270	200	n.r.	n.r.	200	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 <b>FCM</b> skylights are WDMA Hallmark certified: <b>Products 426-H-671, -701, -702, -703</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 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							

QPF Technical Information						
Glass	04	05	06**	08	9993	9994
Air infiltration/exfiltration* [max. @ 75 Pa (1.57 lbs/ft²) differential pressure]						
l/s/m²	0.5	0.3	0.4	0.5	0.3	0.5
cfm/ft²	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/ft²	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 <b>U-Factor</b> , <b>SHGC</b> , and <b>VT</b> 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/ft²)					
4646	80	80	100	80	80	80
Tested Size	Download (lbs/ft²)					
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 <b>QPF</b> 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/ft²) differential pressure]]							
l/s/m²	0.2 (Fixed)	0.3 (A3)	0.5 (A3)	0.2 (Fixed)			
cfm/ft²	.03	.05	.09	.04			
Water resistance @ 3.4 L/m²/min (5 USgal/ft²/hr)* [max. tested differential pressure with no leakage]							
Pascals (Pa)	720	720	720	720			
lbs/ft² (psf)	15	15	15	15			
Thermal performance (Certified, complete unit values)							
VELUX SUN TUNNEL™ skylights are labeled with certified <b>U-Factor</b> (with insulation at ceiling), and <b>SHGC</b> ratings, as listed in the NFRC Certified Products Directory							
U-factor: Btu/[hr*ft²*F°] and (W/[m²*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 <b>WDMA Hallmark</b> certified as indicated above and below (See <a href="http://www.wdma.com">www.wdma.com</a> , Hallmark Nos. <b>426-H-626, -693, -705, -706</b> )							
** 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 Inc. offers the choice of laminated or tempered glass skylights. Miami-Dade glass, 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.



VELUX America Inc.  
450 Old Brickyard Road  
PO Box 5001  
Greenwood, SC 29648-5001  
Tel 1-800-888-3589  
Fax 1-864-943-2631  
veluxusa.com    whyskylights.com



[www.facebook.com/veluxamerica](http://www.facebook.com/veluxamerica)  
[www.twitter.com/veluxamerica](http://www.twitter.com/veluxamerica)  
[www.youtube.com/veluxusa](http://www.youtube.com/veluxusa)

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

XUS 20183-0715 • ©2013 VELUX Group • VELUX, VELUX logo are registered trademarks • VELUX SUN TUNNEL is a trademark of VELUX Group  
HGTV, HGTV Smart Home, and HGTV Smart Home Giveaway logos are trademarks of Scripps Networks, LLC. Used with permission; all rights reserved.