

VELUX®

Skylights

Residential skylights

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



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



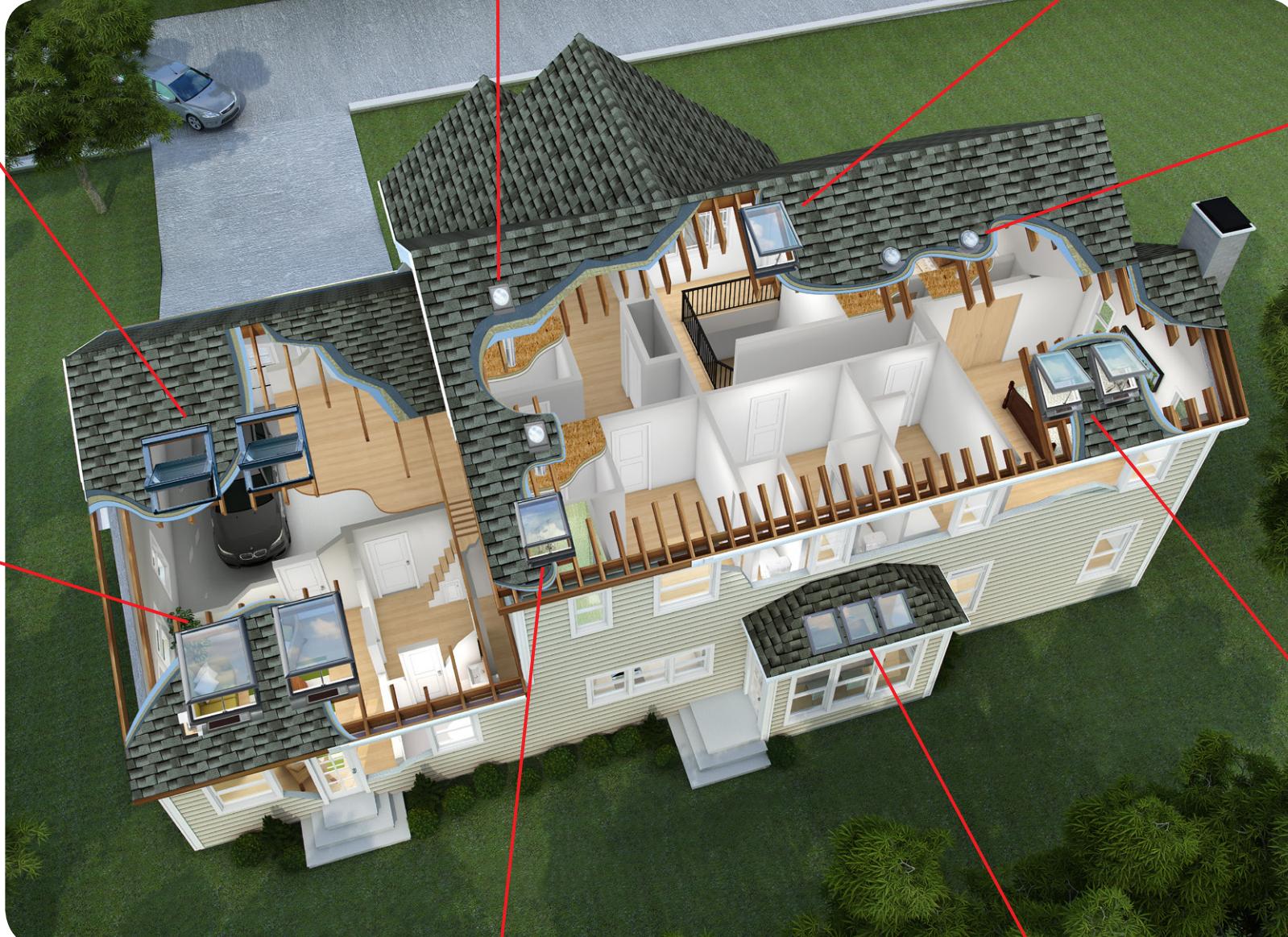
The electric "Fresh Air" models feature pre-mounted Pick&Click!™ system brackets, making installation of sunscreen blinds a snap. A single hard wire connects to a standard junction box.

Pages 10-13



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



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!***



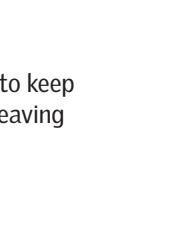
Considering just a fresh air skylight?

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

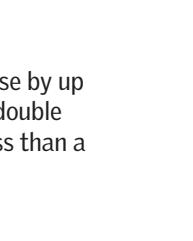


Clean, Quiet & Safe glass



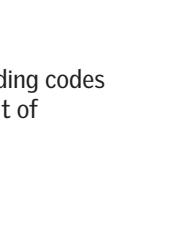
Clean

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



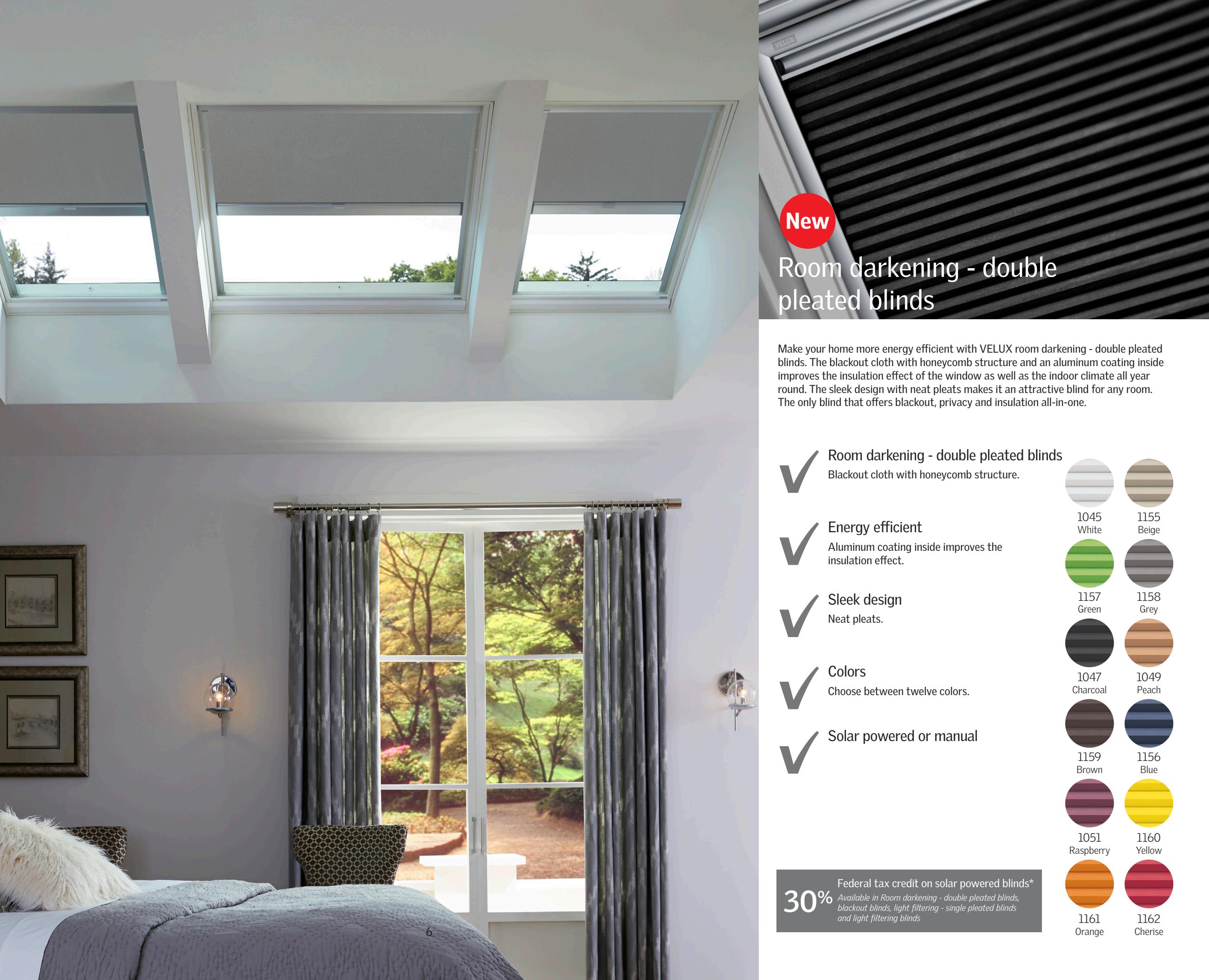
Safe

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

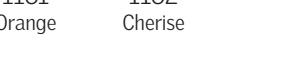
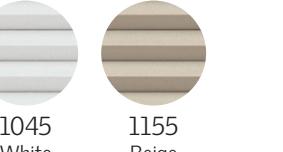
No Leak Promise

No Worries



Room darkening - double pleated blinds

Blackout cloth with memory structure



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

30%

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

Blind: 0705 Blackout blind

6

Choosing the right glass

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



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:

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

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.

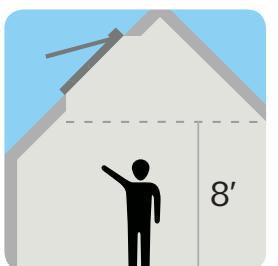
Titanium dioxide reacts chemically with the sun's UV rays, causing organic materials that are on the glass to decompose. It works even on cloudy days, as 80 percent of UV radiation gets through cloud cover. Then when it rains, the decomposed dirt is rinsed away, leaving the glass almost spotless. Result?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



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 as an 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, bring more daylight and much needed fresh air inside. Create more attractive buildings and more livable spaces while still meeting the local energy codes economically.

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

Visit: energystar.gov for more information.



Solar Powered "Fresh Air" Skylights

Deck mounted - VSS
Curb mounted - VCS

The No Leak Skylight
No Leak Promise
No Worries

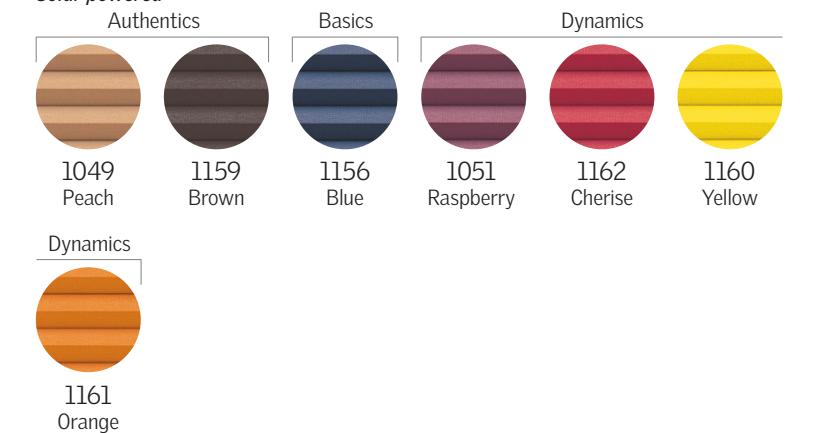


(2) VSS M06 Solar Powered "Fresh Air" Skylight
Blind: 4571 Blackout blind

Special order blinds

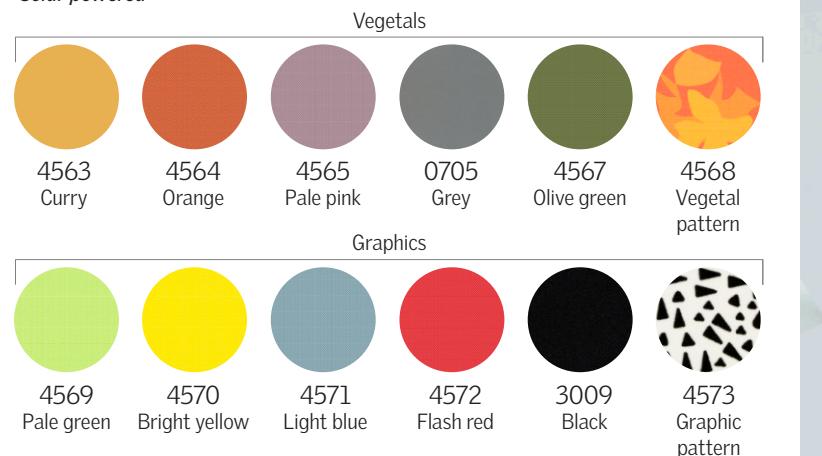
New Room darkening - double pleated blinds

Solar powered



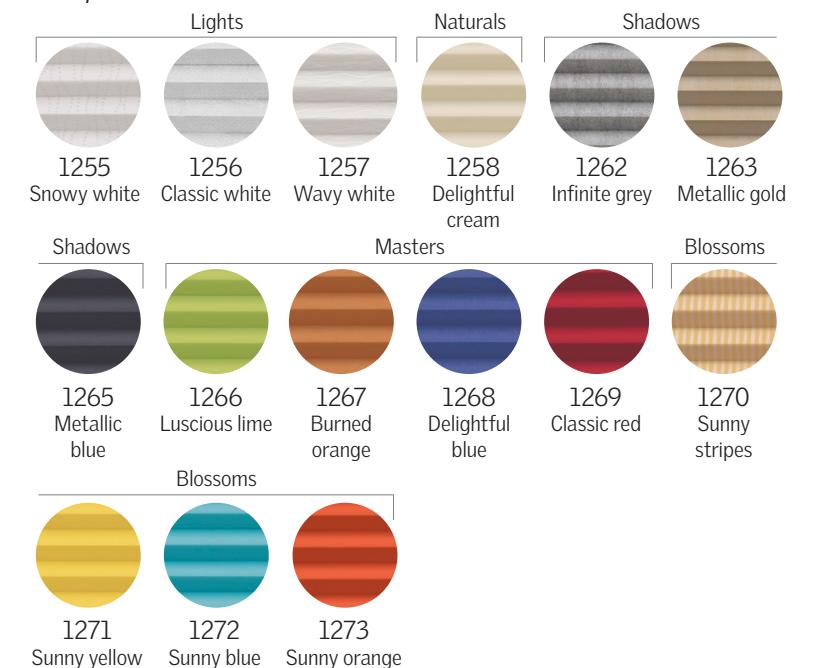
Blackout blinds-flat (cont.)

Solar powered



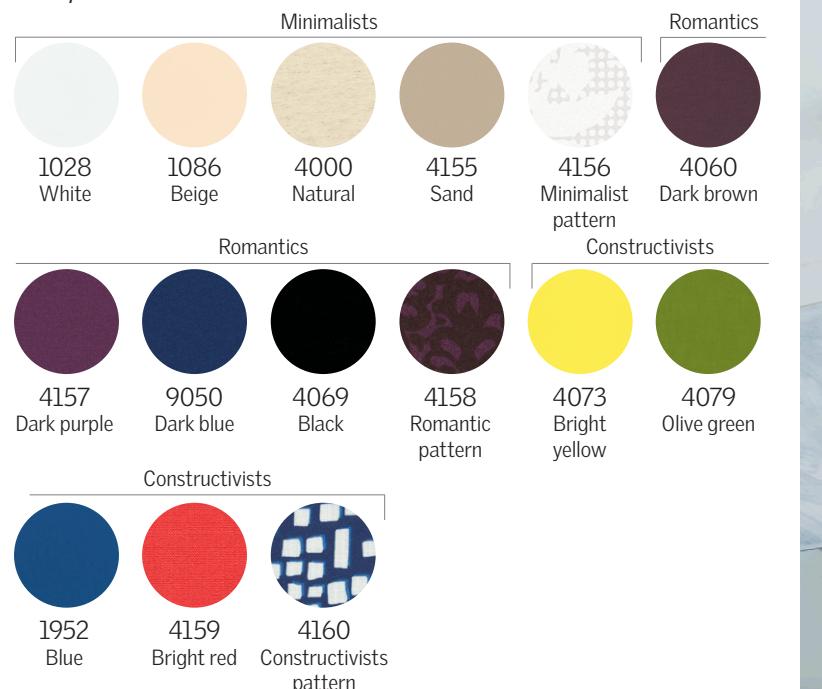
New Light filtering - single pleated blinds

Solar powered



Light filtering blinds-flat

Solar powered



Blackout blinds-flat

Solar powered



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

*For more information visit: veluxusa.com/taxcredits

Factory installed blinds

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

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



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



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



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.



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



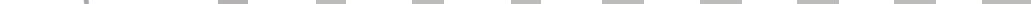
Solar powered "Fresh Air" curb
mounted No Leak Skylight - VCS



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 and uses it to recharge a highly efficient, fully concealed battery powered operator and control system.
 - Replace a fixed or manual skylight easily because no wiring is required.
 - Available in deck and curb mounted applications.

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



Model VSS

	3.12 - 15.12	CO1	CO4	CO6	CO8	M02	M04	M06	M08	S01	S06
Rough opening (W" x H")	21x22	21x22	21x22	21x22	21x22	30 1/16 x 20	30 1/16 x 27 3/4	30 1/16 x 37 1/2	30 1/16 x 44 1/4	44 1/4 x 27 3/4	44 1/4 x 45 3/4

Model VCS

0° - 60°

60° - 120°

120° - 180°

180° - 240°

240° - 300°

300° - 360°

360° - 420°

Outside curb (W" x H") 2222 2234 2240 3030 3040 3454 4022 4040
 25 1/2 x 25 1/2 25 1/2 x 37 1/2 25 1/2 x 49 1/2 33 1/2 x 33 1/2 33 1/2 x 49 1/2 37 1/2 x 37 1/2 49 1/2 x 25 1/2 49 1/2 x 49 1/2

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



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

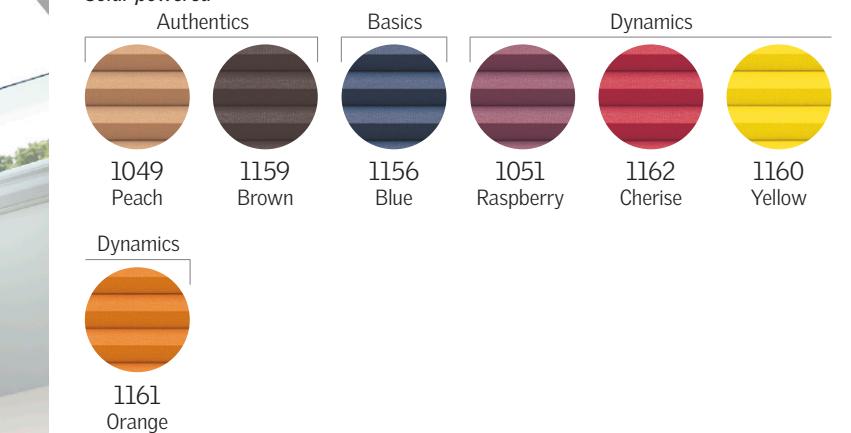


(2) VSE M08 Electric "Fresh Air" skylights
(1) VSE S06 Electric "Fresh Air" skylights
Blind: 0705 Blackout blind

Special order blinds

New Room darkening - double pleated blinds

Solar powered



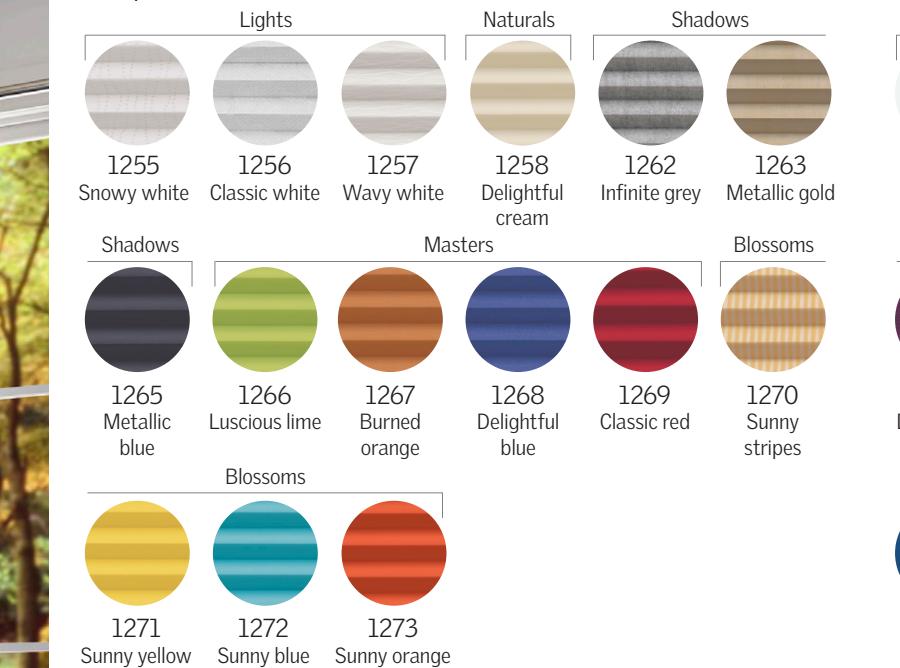
Blackout blinds-flat (cont.)

Solar powered



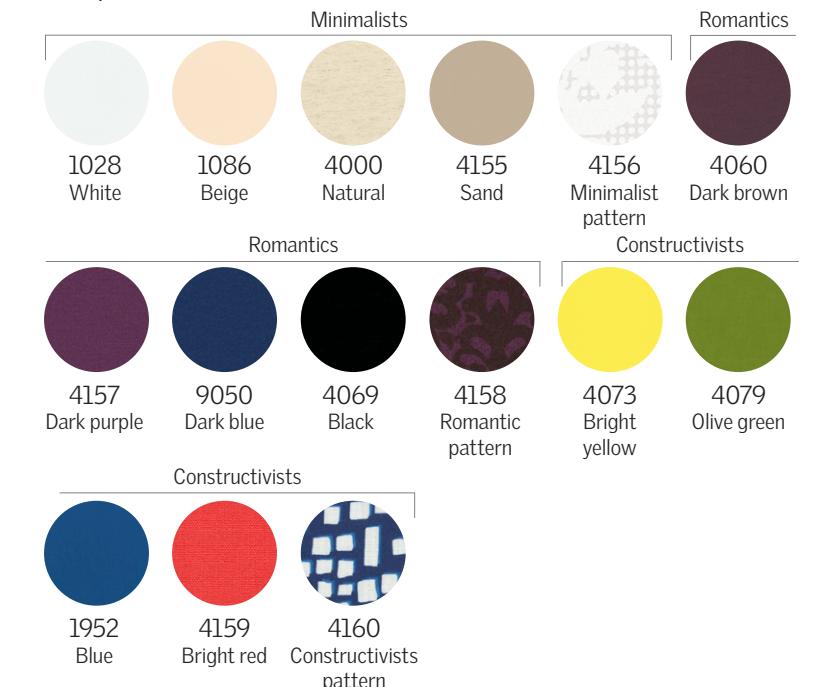
New Light filtering - single pleated blinds

Solar powered



Light filtering blinds-flat

Solar powered



Blackout blinds-flat

Solar powered



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

Factory installed blinds

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

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



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



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



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



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



Electric "Fresh Air" curb mounted
No Leak Skylight - 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 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 for a high quality finish that eliminates the need for secondary high cost trips by a painter.

Model VSE		14° - 85° 3:12 - 13:12	CO1	CO4	CO6	CO8	M04	M06	M08	S01	S06
Rough opening	(W" x H")	21 x 26 7/8	21 x 37 7/8	21 x 45 3/4	21 x 54 1/16	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" x H")	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



Manual "Fresh Air" skylights

Deck mounted - VS
Curb mounted - VCM

The No Leak Skylight

No Leak Promise
No Worries



Special order blinds

New Room darkening - double pleated blinds

Solar powered or manual

Authentics

Basics

Dynamics

1049 Peach

1159 Brown

1156 Blue

1051 Raspberry

1162 Cherise

1160 Yellow

Dynamics

1161 Orange

Authentics

Basics

Dynamics

1049 Peach

1159 Brown

1156 Blue

1051 Raspberry

1162 Cherise

1160 Yellow

Dynamics

1161 Orange

Authentics

Basics

Dynamics

1049 Peach

1159 Brown

1156 Blue

1051 Raspberry

1162 Cherise

1160 Yellow

Dynamics

1161 Orange

Authentics

Basics

Dynamics

1049 Peach

1159 Brown

1156 Blue

1051 Raspberry

1162 Cherise

1160 Yellow

Dynamics

1161 Orange

Authentics

Basics

Dynamics

1049 Peach

1159 Brown

1156 Blue

1051 Raspberry

1162 Cherise

1160 Yellow

Dynamics

1161 Orange

Authentics

Basics

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1049 Peach

1159 Brown

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1159 Brown

1156 Blue

1051 Raspberry

1162 Cherise

1160 Yellow

Dynamics

1161 Orange

Authentics

</div

Manual "Fresh Air" skylights

Deck mounted - VS
Curb mounted - VCM



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 for a high quality finish that eliminates the need for secondary high cost trips by a painter.
- Opened and closed 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	CO1	CO4	CO6	CO8	M02	M04	M06	M08	S01	S06
Rough opening	(W" x H")	21 x 26 7/8	21 x 37 7/8	21 x 45 3/4	21 x 54 7/16	30 1/16 x 30	30 1/16 x 37 7/8	30 1/16 x 45 3/4	30 1/16 x 54 7/16	44 1/4 x 26 7/8	44 1/4 x 45 3/4	

Model VCM		0° - 60° 0:12 - 20:12	2222	2234	2246	3030	3046	3434	4646
Outside curb	(W" x H")	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.

Fixed skylights

Deck mounted - FS/FSR
Curb mounted - FCM

The No Leak Skylight

No Leak Promise
No Worries

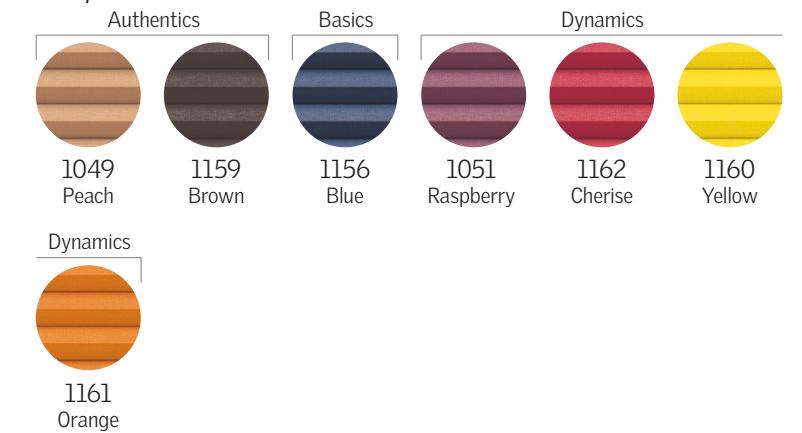


(3) FS M06 Fixed skylights
Blind: 0705 Blackout blind

Special order blinds

New Room darkening - double pleated blinds

Solar powered or manual



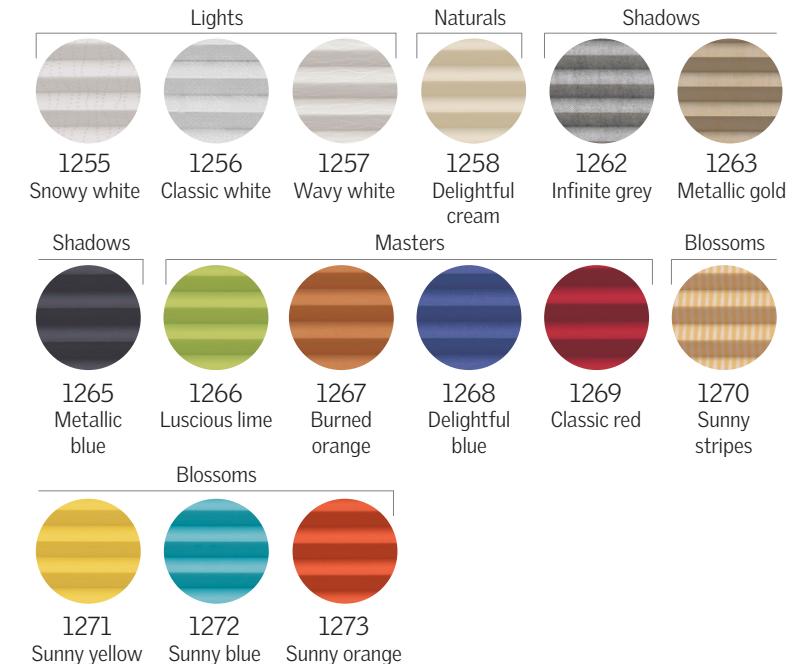
Blackout blinds-flat (cont.)

Solar powered or manual



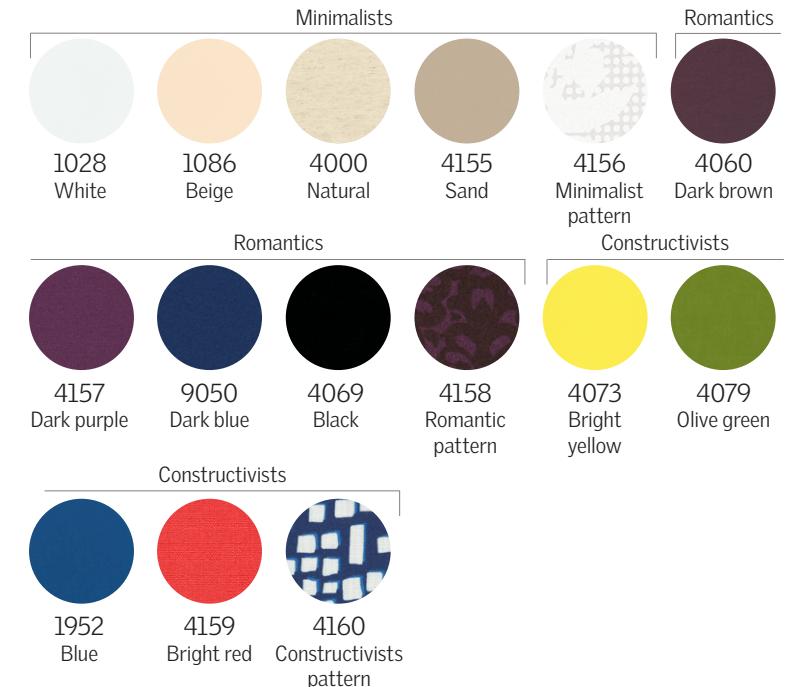
New Light filtering - single pleated blinds

Solar powered or manual



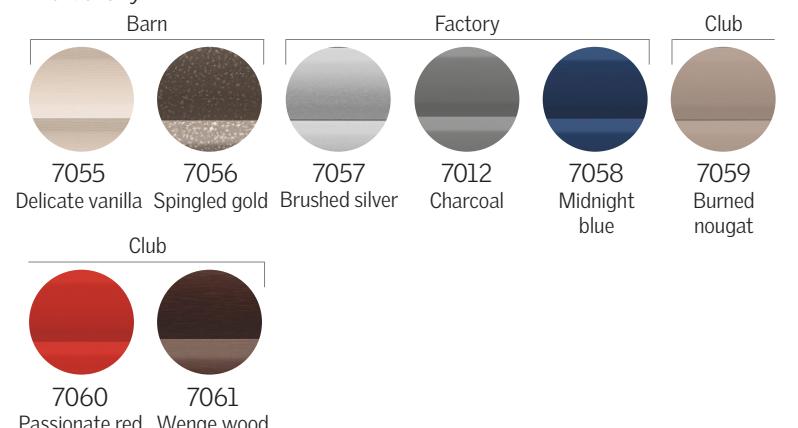
Light filtering blinds-flat

Solar powered or manual



Venetian blinds

Manual only



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)



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



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/taxrewards

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.



Fixed deck mounted No Leak
Skylight - FS



Replacement fixed deck mounted No
Leak Skylight - Replacement FSR

2.75"
wide
deck seal



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" 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 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" x H")	14 1/2 x 45 3/4	21 x 26 7/8	21 x 37 1/8	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 1/8	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" x H")	23 1/4 x 23 7/16	23 1/4 x 46 1/4	30 1/16 x 30 1/2	44 1/4 x 46 1/4
Rough opening	(W" x H")	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" x H")	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" x H")	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



Fixed curb mounted No Leak
Skylight - FCM

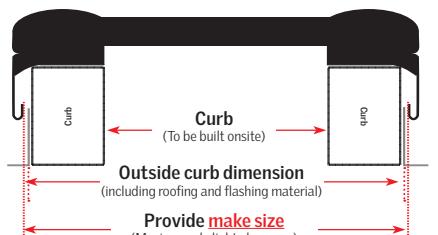


Accessory tray is required for
blind installation.

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" x L")	Width 18 1/4 To 50 3/4			
Height 18 3/4 To 72	Now delivered in 12 days or less			
Height 72 1/4 To 76 1/2	Now delivered in 20 days or less			

We require maximum skylight clearance dimensions in 1/4" 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" x H") 17 1/2 x 33 1/2 17 1/2 x 49 1/2 25 1/2 x 25 1/2 25 1/2 x 33 1/2 25 1/2 x 37 1/2 25 1/2 x 49 1/2 25 1/2 x 73 1/2 33 1/2 x 33 1/2 33 1/2 x 49 1/2 37 1/2 x 37 1/2 37 1/2 x 49 1/2 49 1/2 x 49 1/2

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



For complete information visit
thenoleakskylight.com



(2) FCM 2222 Fixed skylights

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

14° - 60°
3:12 - 20:12

2222

2230

2246

3030

3046

4646

Outside curb

(W" x H") 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



(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



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 and please allow 2 weeks for delivery.
*For more information visit: veluxusa.com/taxcredits



Special order blinds

New

Light filtering - single pleat blinds

- ✓ Colorful light effects
Softens incoming light.

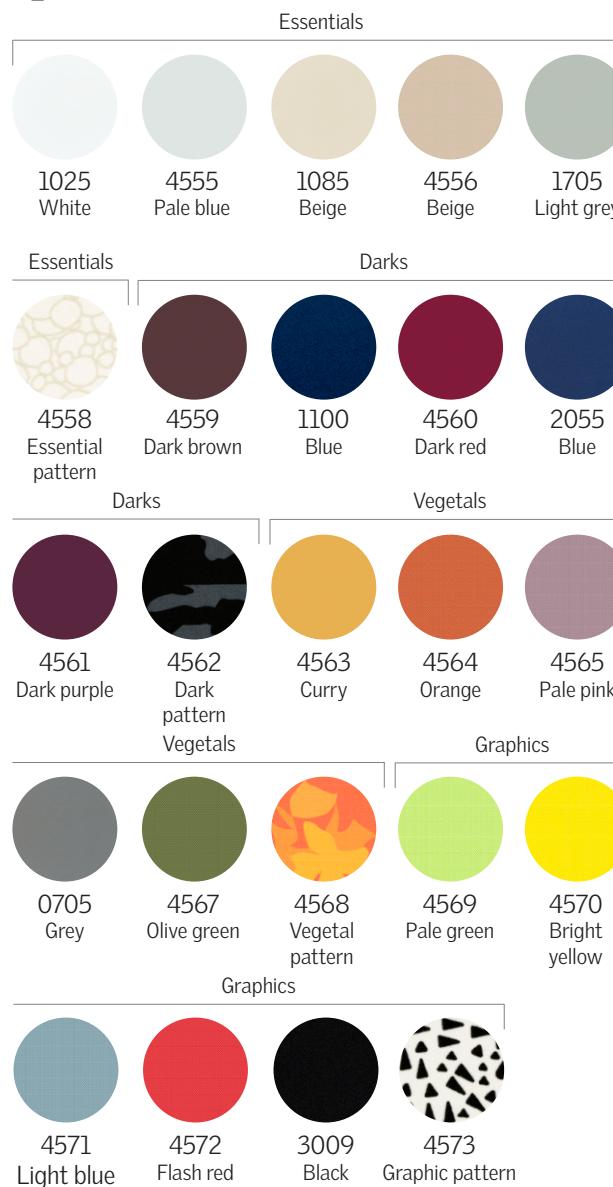
✓ Solar powered or manual



Blackout blinds - flat

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

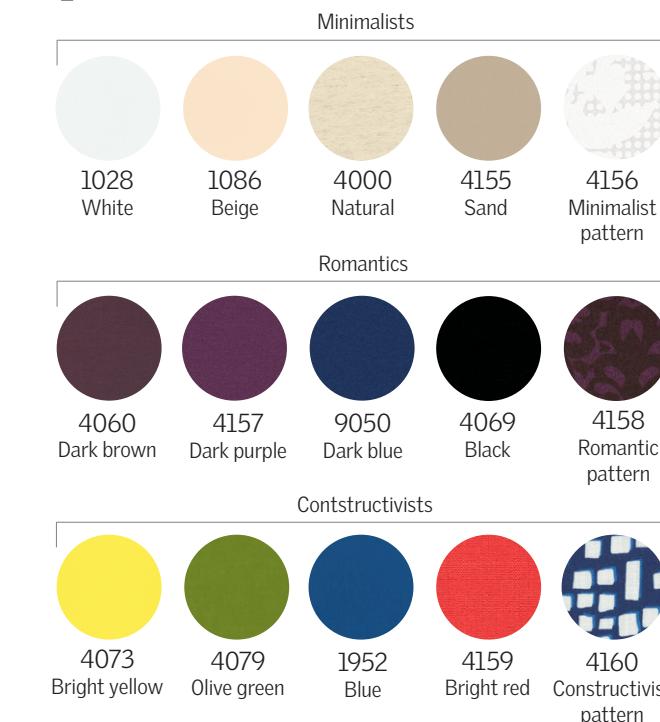
✓ Solar powered or manual



Light filtering blinds - flat

- ✓ Basic privacy
Offers both protection and good looks.

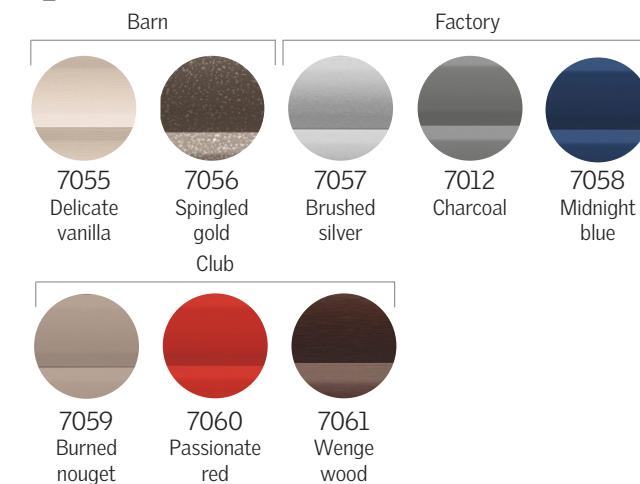
✓ Solar powered or manual



Venetian blinds

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

✓ 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

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

Roof windows

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

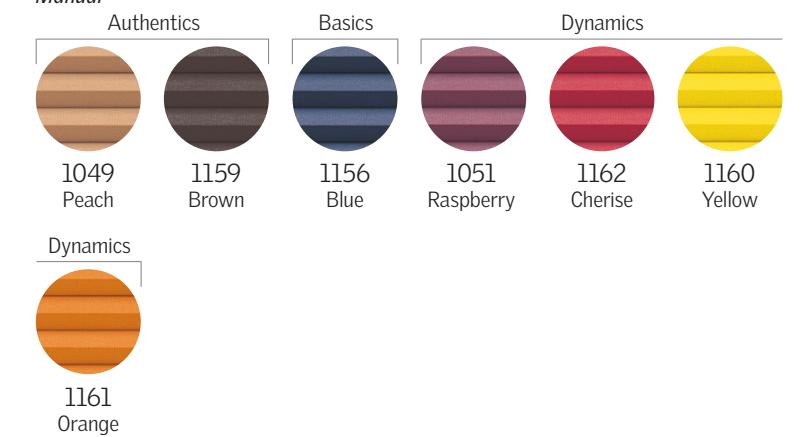


(1) GGU MK10 Center-pivot roof window
Blind: CS41 Room darkening energy blind

Special order blinds

New Room darkening - double pleated blinds

Manual



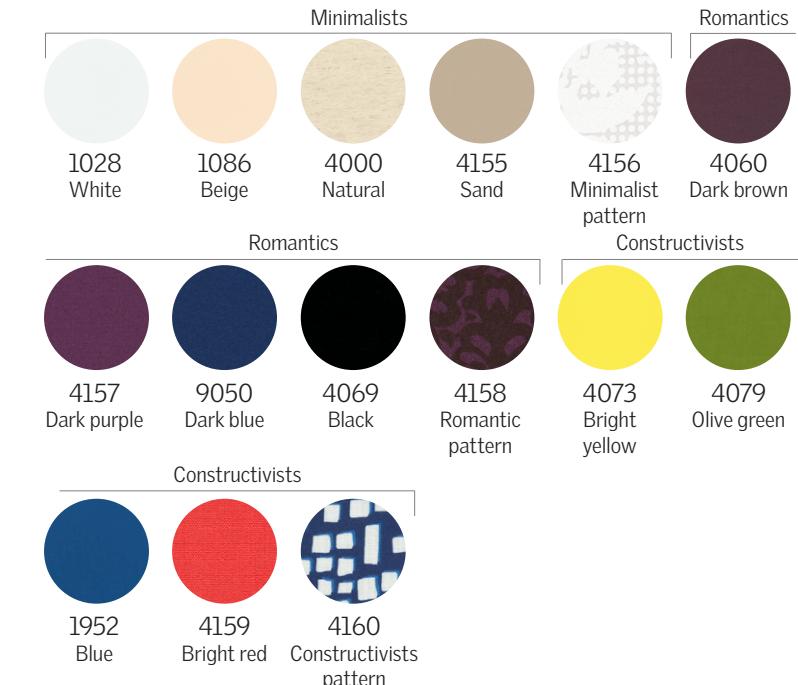
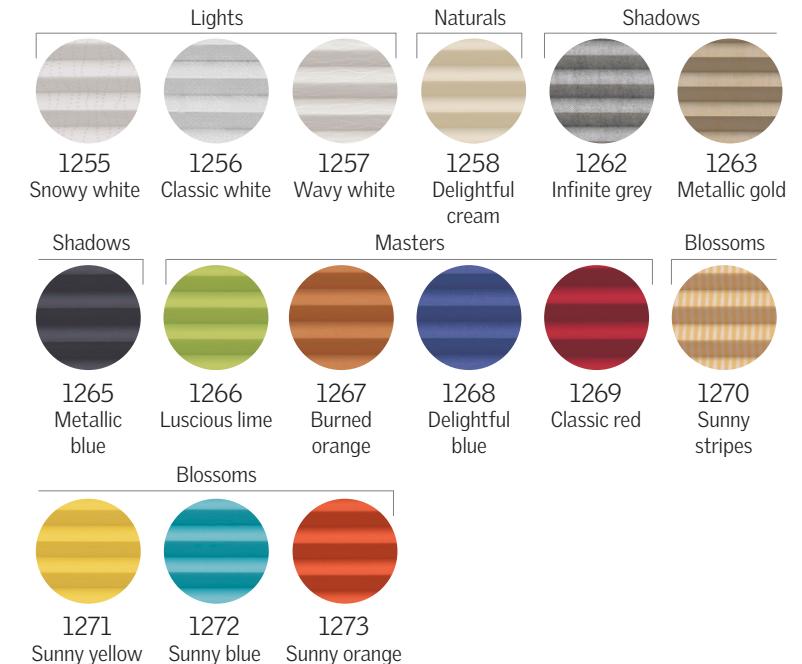
Blackout blinds-flat (cont.)

Manual



Light filtering blinds-flat

Manual



Venetian blinds

Manual only



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



Natural ventilation with a closed window

Let fresh air into your home even when you are away or sleeping, without having to worry about security or bad weather. 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 mold has no visible joints, and therefore ensures a moisture-resistant finish and requires less maintenance than lacquered natural pine.



More access to the outdoors

All 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		Size code GGU																		
Rough opening		Rough opening																		
		15°- 75°	3:22 - 17:12	CK04	CK06	MK04	MK06	MK08	PK10	SK06	UK08									
				22 1/8 x 39	22 1/8 x 46 7/8	31 1/4 x 39	31 1/4 x 46 7/8	31 1/4 x 55 1/2	37 5/8 x 63 1/2	45 1/8 x 46 7/8	53 1/4 x 55 1/2									
Size code GGU		Size code GPU																		
		15°- 90°		CK02	CK04	CK06	FK04	FK06	FK08	MK04	MK06	MK08	MK10	PK06	PK08	PK10	SK06	SK08	UK04	UK08
				22 1/8 x 31 1/8	22 1/8 x 46 7/8	22 1/8 x 46 7/8	26 1/2 x 39	26 1/2 x 46 7/8	26 1/2 x 55 1/2	31 1/4 x 39	31 1/4 x 46 7/8	31 1/4 x 55 1/2	31 1/4 x 63 1/2	31 1/4 x 46 7/8	37 5/8 x 55 1/2	37 5/8 x 63 1/2	45 3/8 x 46 7/8	45 3/8 x 55 1/2	53 1/4 x 39	53 1/4 x 55 1/2
Rough opening	(W" x H")																			

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



Roof windows

Roof access window - GXU



Roof access window - GXU

Benefits:

- Easy roof access for roof 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" x H")

22 1/8 x 46 7/8

26 1/2 x 46 7/8

CK06

FK06



Balcony roof window

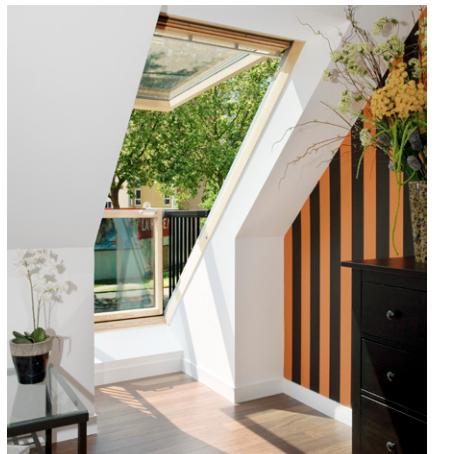
Deck mounted - GDL CABRIO™



Balcony roof window - GDL
CABRIO™

Benefits:

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



Rough opening

35.25° - 53°
8.5:12 - 15:12

(W" x H")

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

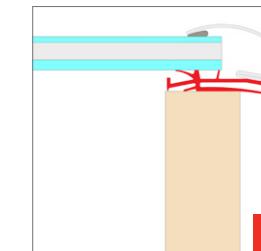
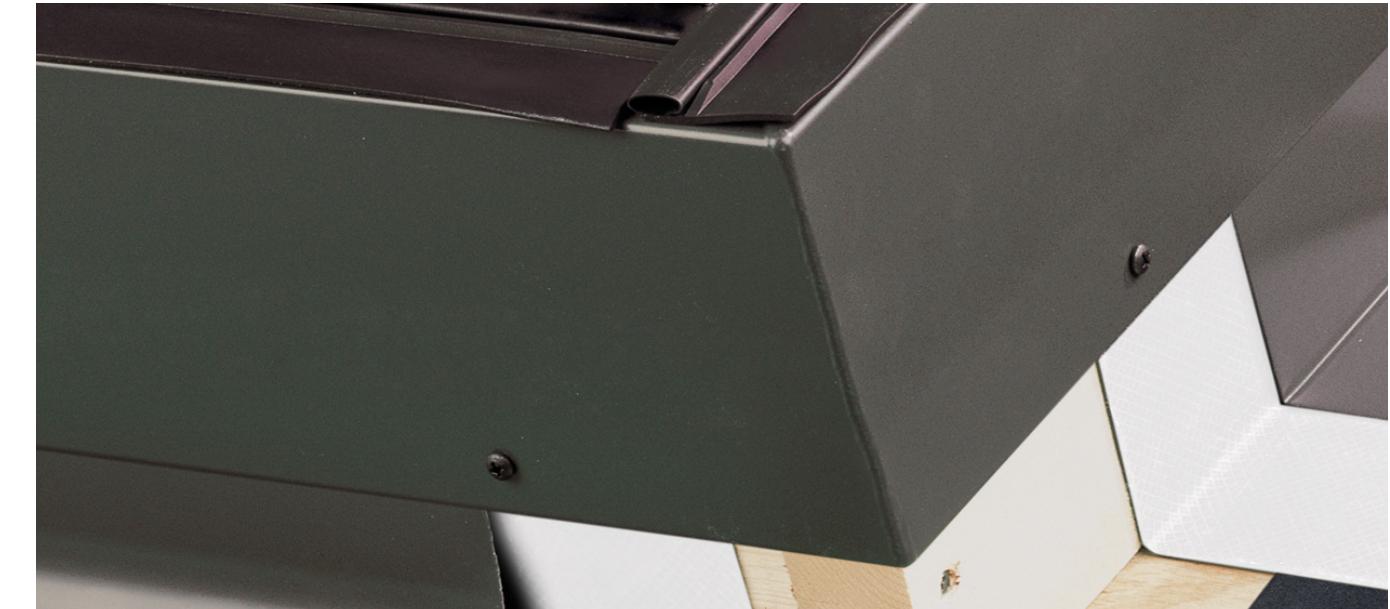
Adhesive underlayment for secondary water protection against the harshest weather conditions.

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.

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.

The No Leak Skylight

• No Leak Promise • No Worries

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.

Note: Adhesive underlayment included in flashing kit



Tile roofing - EDW

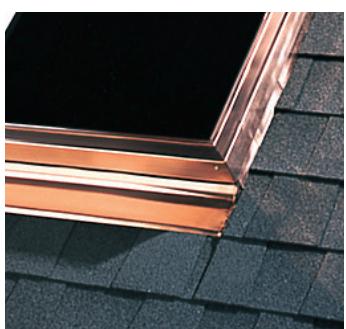
- Patented sill flashing features pliable pleats that form to most types of tile.
- Side and head flashing pieces form a gutter to direct water away from the skylight.

Note: Not available for VSS



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 x 4 lumber and plywood.
- Download curb construction guidelines at: www.veluxusa.com

**EKL applications require 4" over-and-under spacing and 2.5" - 12" side-by-side spacing in $\frac{1}{2}$ " increments.*

EKW applications require 4" over-and-under and side by side.

Roof window combi application is available as a special order with varying lead-times. 4" 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



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.



Metal roofing - EDM

- 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.

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 easily-understood icons, programing skylights has become simpler than ever.
Size: 3 11/16" x 3 11/16"

Trim kit with L parts

(ZZZ 213)

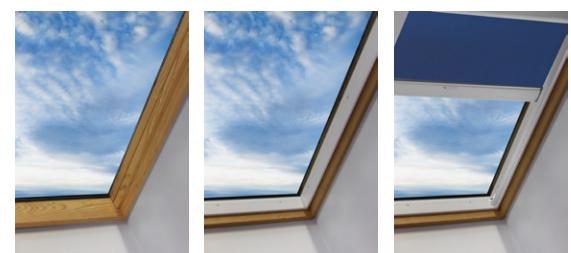


Our skylight trim kit provides a clean interior finish with no trim work required when replacing older style roof windows and skylights.

New

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 57/2" 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. Bracket 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 the skylight 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 the skylight easier to operate.

Extension rods

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



6' - 10' rod for operation of manual skylights
(ZCT 300)

Available for models: VS, VCM



6' - 10' motorized rod for manual skylights
(ZMT 300)

Available for models: VS, VCM



3' 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 hooks

(ZZZ 202)

VCM Replacement hooks

(ZZZ 211)



Available for manual venting skylights.

VS Crank handle

(ZZZ 201)

VCM Crank handle

(ZZZ 212)



Manual crank handle to operate deck mounted venting skylights with a chain operator that are installed within reach and manufactured since 2010.

VELUX SUN TUNNEL™ skylights

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



(1) VELUX SUN TUNNEL™ skylight



Pivoting tunnel system

The adjustable pitch adapter makes tunnel installation easier and enables more light to be captured.



Flexi Loc™ system

A tunnel connection system that reduces tunnel installation time in half and highly reflective tunnels that deliver the highest quality daylight into the space below.



Diffuser options

Frosted diffuser (standard)

Prismatic diffuser (optional)

Fresnel diffuser (optional)

VELUX SUN TUNNEL™ skylights

Flat glass - TLR
Curb metal flashing - TCR



Flat glass - TLR



Curb metal flashing - TCR

VELUX SUN TUNNEL™ skylights

Rigid pitched - TMR
Rigid low profile - TGR



Rigid pitched - TMR



Rigid low profile - TGR

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" 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.

- Pitched flashing provides optimum angle for gathering light from all roof directions.
- 10" tile flashing kit available. 14" and 22" 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%.

- 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 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	

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	

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.
- Low profile flashing provides an integrated look with the roofline.
- Tile flashing available.
- Impact models available for hurricane prone areas.
- 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 diffusers that transform daylight into a decorative style that complements 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 and enables it to be ENERGY STAR® certified.

VELUX ZTL electric light kit (ZTL)



Tubular daylight fixture that uses a UL approved energy efficient compact fluorescent bulb (26 watts) especially designed for VELUX SUN TUNNEL skylights.

Available for all models.



Tile flashing for 10" and 14" pitched SUN TUNNEL (ZTM)



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

Daylight controller (ZTP) Power supply for controller (ZZZ 233)



Allows the user to control the amount of daylight that enters a room and 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° degree bend or any configuration needed to maneuver around obstacles.

Rotating coupler (ZTZ 211)



Easy to install tunnel and elbow coupler that enables quick tunnel connections and a rotating joint to help align tunnel sections.

ZTK Blackout shade



Manually block the light coming through the SUN TUNNEL in seconds with a manual blackout blind.



Available for the 10" and 14" SUN TUNNEL skylights

Rigid tube (ZTR)



24" tunnel sections manufactured with the Flexi Loc™ tunnel connector system that reduces tunnel installation time in half and delivers 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 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 diffusers that transform daylight into a decorative style that complements any décor.



Brushed nickel
ZTB 3021US



Polished brass
ZTB 3022US



Oil rubbed bronze
ZTB 3023US

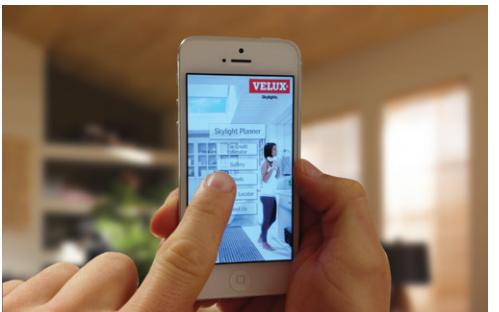


White
ZTB 3020US

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 than with our skylight planner app. 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 over 65 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

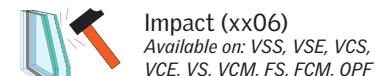


Clean, Quiet & Safe glass (xx04) - recommended

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



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



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

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.
- 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 ²) differential pressure]						
l/s/m ²	0.2	0.4	0.2	0.3	0.2	
cfm/ft ²	0.03	0.07	0.03	0.06	0.03	
Water resistance @ 3.4 L/m ² /min (5 USgal/ft ² /hr) * [max. tested differential pressure with no leakage]						
Pascals	720	720	720	720	720	
lbs/ft ²	15	15	15	15	15	
Thermal performance (Certified, complete unit values)						
VELUX Glass Skylights are rated at 20° slope and labeled with NFRC-certified U-Factor, SHGC, and VT ratings listed in the NFRC Certified Products Directory						
U-Factor	0.42	0.40	0.42	0.41	0.37	
SHGC	0.23	0.23	0.22	0.23	0.23	
VT	0.53	0.52	0.39	0.52	0.52	
UV protection, %						
(300-380 nm)	99.9	99.9	99.9	99.9	99.9	
Fading protection, % (Krochmann damage function)						
(300-600 nm)	83.1	84.6	88.4	83.2	85.1	
Structural Performance [Performance Grade or DP] *						
Tested Size	Uplift (lbs/ft ²)					
S06	65	65	65	80	65	
M08	105	65	105	85	105	
C06	n.r.	n.r.	n.r.	90	n.r.	
Tested Size	Download (lbs/ft ²)					
S06	370	300	370	860	370	
M08	440	360	440	1090	440	
C06	n.r.	n.r.	n.r.	1200	n.r.	
* Tested in accordance with AAMA/WDMA/CSA 101/I.S.2/A440-11 (NAFS 2011)						
Structural performance ratings also apply to sizes smaller than the Tested Size VSE and VSS skylights are WDMA Hallmark certified: 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 ²) differential pressure]						
l/s/m ²	0.2	0.5	0.4	0.2	0.3	0.2
cfm/ft ²	0.03	0.07	0.03	0.06	0.03	
Water resistance @ 3.4 L/m ² /min (5 USgal/ft ² /hr) * [max. tested differential pressure with no leakage]						
Pascals	720	720	720	720	720	
lbs/ft ²	15	15	15	15	15	
Thermal performance (Certified, complete unit values)						
VELUX Glass Skylights are rated at 20° slope and labeled with NFRC-certified U-Factor, SHGC, and VT ratings listed in the NFRC Certified Products Directory						
U-Factor	0.42	0.43	0.40	0.42	0.41	0.38
SHGC	0.23	0.23	0.23	0.22	0.23	0.23
VT	0.53	0.54	0.52	0.39	0.52	0.52
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	83.2	81.6
Structural Performance [Performance Grade or DP] *						
Tested Size	Uplift (lbs/ft ²)					
S06	65	90	65	65	80	90
M08	105	120	65	105	85	120
C06	n.r.	n.r.	n.r.	n.r.	90	n.r.
Tested Size	Download (lbs/ft ²)					
S06	370	300	300	370	860	300
M08	440	400	360	440	1090	400
C06	n.r.	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)						
9993 glass: Same as 05, with i89 coating on interior surface						
9994 glass: Same as 04, with i89 coating on interior surface						

FS Technical Information						
Glass	04	05	06**	08	10	9993 9994
Air infiltration/exfiltration* [max. @ 75 Pa (1.57 lbs/ft ²) differential pressure]						
l/s/m ²	0.1	0.7	0.1	0.1	0.1	0.7
cfm/ft ²	0.01	0.14	0.01	0.01	0.01	0.14
Water resistance @ 3.4 L/m ² /min (5 USgal/ft ² /hr) * [max. tested differential pressure with no leakage]						
Pascals	720	720	720	720	720	
lbs/ft ²	15	15	15	15	15	
Thermal performance (Certified, complete unit values)						
VELUX Glass Skylights are rated at 20° slope and labeled with NFRC-certified U-Factor, SHGC, and VT ratings listed in the NFRC Certified Products Directory						
U-Factor	0.44	0.45	0.42	0.44	0.42	0.39
SHGC	0.26	0.26	0.26	0.25	0.26	0.26
VT	0.60	0.61	0.60	0.44	0.60	0.60
UV protection, %						
(300-380 nm)	99.9	95.2	99.9	99.9	99.9	95.3
Fading protection, % (Krochmann damage function)						
(300-600 nm)	83.1	79.2	84.6	88.4	83.2	81.6
Structural Performance [Performance Grade or DP] *						
Tested Size	Uplift (lbs/ft ²)					
S06	70	45	65	70	65	45
M08	105	90	120	105	100	90
C06	n.r.	n.r.	n.r.	n.r.	65	n.r.
Tested Size	Download (lbs/ft ²)					
S06	160	400	300	160	720	400
M08	350	400	300	350	1180</	

Testing data

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 ((APMO-ES).

In addition, Florida and TDI have listed most variants in their product evaluation/approval systems, and the FCM Q7 is covered by Miami-Dade NOA #12-0233 14-07. Most variants have achieved VDTRA (Trademark certification) and FFC, TSCA, and/or recognition under California EO 13218 and/or MS-ES.

In addition, Florida and FDI have listed most variances in their product evaluation/approval systems, and the FCM-01 is covered by Miami-Dade NOA #12-0255-14.

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. 12-022314

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

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.**

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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.