VELUX®
The No Leak Skylight™

Residential Skylights

HGTV
SMART
HOME
2018
PROUD SPONSOR

Bringing light to life™

Contents

Why VELUX Skylights

Information
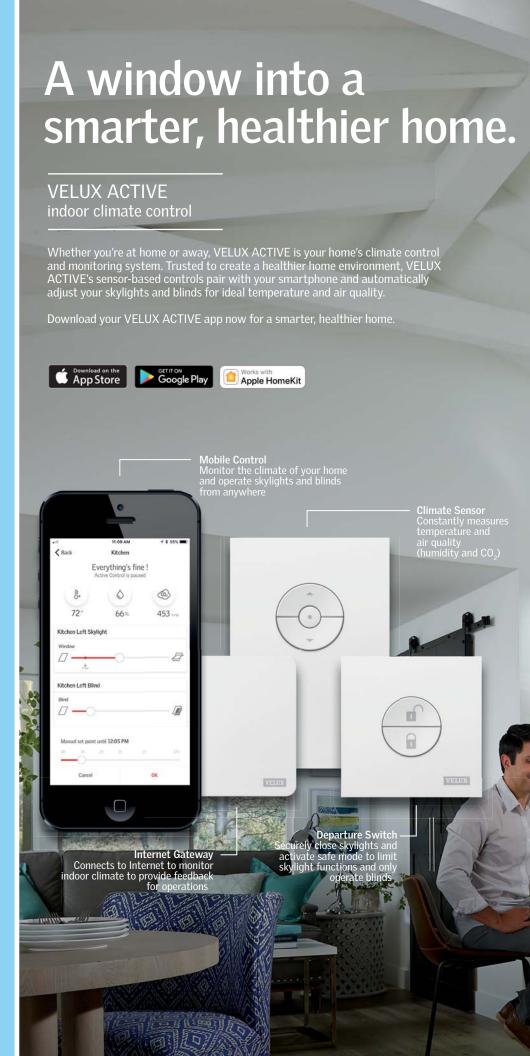
Products

Testing data

A window into a smarter, healthier home.

VELUX ACTIVE
indoor climate control

Whether you're at home or away, VELUX ACTIVE is your home's climate control and monitoring system. Trusted to create a healthier home environment, VELUX ACTIVE's sensor-based controls pair with your smartphone and automatically adjust your skylights and blinds for ideal temperature and air quality.

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

Download on the **App Store**   GET IT ON **Google Play**   Works with **Apple HomeKit**

Mobile Control
Monitor the climate of your home and operate skylights and blinds from anywhere

Climate Sensor
Constantly measures temperature and air quality (humidity and CO_2)

Internet Gateway
Connects to Internet to monitor indoor climate to provide feedback for operations

Departure Switch
Securely close skylights and activate safe mode to limit skylight functions and only operate blinds

Daily ventilation
Smart sensors (CO_2, humidity,
temperature) control your VELUX
skylights to ensure a healthier
indoor climate by automatically
ventilating 2–3 times a day.

Smart heat protection
VELUX blinds operate
proactively based on local
weather forecast information.

Stay in control
Operate your VELUX
skylights and blinds from
your smartphone.

Say the word
Use voice control assistance to
operate your VELUX skylights
and blinds.

Works with
Apple HomeKit

Easy departure
Put your VELUX ACTIVE
products in safe mode with just
one tap.

VELUX ACTIVE

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

with
NETATMO

The logical choice for any skylight installation

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

Considering adding daylight and fresh air to your home? See how easy and affordable it is. With a 30% federal tax credit, homeowners receive an average of $850 on product and installation.

Fixed Skylight   Solar-Powered "Fresh Air" Skylight

Considering just a Fixed Skylight?

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

Manual "Fresh Air"Skylight   Solar-Powered "Fresh Air" Skylight

Considering just a Manual "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

Eligible for a
30%
Federal Tax Credit

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

Deck-Mounted Solar-Powered "Fresh Air" Skylight

Curb-Mounted Solar-Powered "Fresh Air" Skylight

Clean, Quiet & Safe Glass

Clean

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

Quiet

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

Safe

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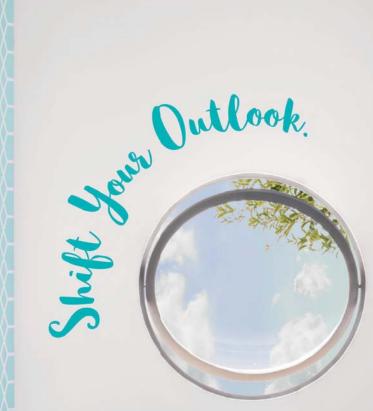
8-ft.

New

VELUX ACTIVE is the new all-in-one solution for automatic control of indoor climate.

Whether you're at home or away, VELUX ACTIVE is your home's climate control and monitoring system. Trusted to create a healthier home environment, VELUX ACTIVE's sensor-based controls pair with your smartphone and automatically adjust your skylights and blinds for ideal temperature and air quality.

Shift Your Outlook.

VELUX®
Skylights

HGTV
SMART HOME
2018
PROUD SPONSOR

Fifth Wall
Shift Your Outlook

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

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

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

Choosing the right glass

Clean, Quiet & Safe Glass

Recommended for out-of-reach applications

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

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

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

8'

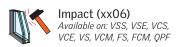**Clean, Quiet & Safe Glass (xx04)**
Dual pane laminated glass
Standard on: VSS, VCS, VSE, VCE skylights

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

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

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

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

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

Tempered Glass - Recommended for in-reach applications

Tempered Glass *(xx05)*

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

Dual pane tempered glass

ENERGY STAR®

Use of ENERGY STAR® products

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

Most VELUX residential products are ENERGY STAR certified in all 50 states, which means they meet energy efficiency standards set by the US Environmental Protection Agency (EPA). ENERGY STAR certified fenestration products must have their U-factor, Visible Transmittance, and Solar Heat Gain Coefficient ratings independently tested and approved under the FenStarSM Certification Program of the National Fenestration Rating Council (NFRC) to qualify.

By specifying or using ENERGY STAR certified products, architects and builders can use windows and skylights to bring much needed daylight and fresh air inside allowing them to 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 with blinds and Sun Tunnel skylights.

Visit: energystar.gov for more information.

ENERGY STAR PARTNER

Code compliance

Performance requirements

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:

- 2018 IBC (International Building Code),
- 2018 IRC (International Residential Code), and
- 2018 IECC (International Energy Conservation Code), as well as local and regional codes that are based on the above (and earlier) codes.

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

Standard VELUX residential 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.

Solar-Powered "Fresh Air" Skylights

Deck-Mounted - VSS
Curb-Mounted - VCS

The No Leak Skylight
No Leak Promise
No Worries

30%
Eligible federal tax credit on product and installation*

VELUX ACTIVE COMPATIBLE
See page 2

*For more information visit: veluxusa.com/taxcredits

Fifth Wall Design Tip

transform ceiling wall with fun wallpaper

VELUX ACTIVE is the new all-in-one solution system for automatic control of indoor climate.

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

Whether you're at home or away, VELUX ACTIVE is your home's climate control and monitoring system. Trusted to create a healthier home environment, VELUX ACTIVE's sensor-based controls pair with your smartphone and automatically adjust your skylights and blinds for ideal temperature and air quality.

Purchase VELUX ACTIVE and receive

$200 off

on any factory-installed solar blind

Internet Gateway
Connects to Internet to monitor indoor climate to provide feedback for operations

Departure Switch
Securely close skylights and activate safe mode to limit skylight functions and only operate blinds

Climate Sensor
Constantly measures temperature and air quality (humidity and CO_2)

VELUX
VELUX ACTIVE
indoor climate control
with NETATMO

Works with Apple HomeKit

Check status of room condition

Monitor indoor climate temperature, humidity, and CO2

Sliders to open/close skylight

Sliders to open/close blinds

11:09 AM

< Back   Kitchen

Everything's fine !
Active Control is paused

72°   66%   453 PPM

Kitchen Left Skylight
Window

Kitchen Left Blind
Blind

Manual set point until 12:05 PM

0h   1h   2h   3h   6h   12h

Cancel   OK

Manually set a timer to control skylight

Save $200 on factory-installed solar blinds with purchase of VELUX ACTIVE.

Maximize the capabilities of VELUX ACTIVE with factory-installed solar blinds. Blinds operate automatically based on local weather forecast information.
See page 33

VELUX ACTIVE

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

with
NETATMO

A window into a smarter, healthier home.

VELUX ACTIVE
indoor climate control

Solar-Powered "Fresh Air" Skylights

Deck-Mounted - VSS
Curb-Mounted - VCS

VELUX ACTIVE COMPATIBLE
See page 2

KLI 110 Remote

Solar-Powered "Fresh Air" Deck-Mounted No Leak Skylight - VSS

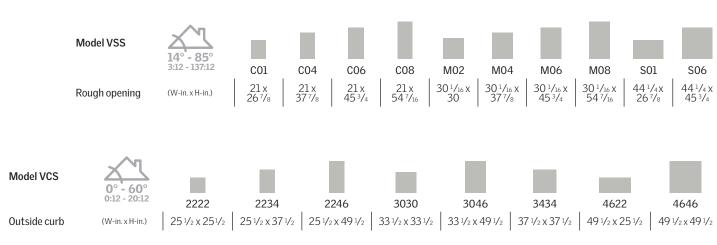*Solar-Powered "Fresh Air" Curb-Mounted No Leak Skylight - VCS*

Benefits:

- With a 30% federal tax credit, homeowners receive an average of $850* in savings with federal tax credit eligibility.

- Features a solar panel that captures any available daylight to recharge a highly efficient, fully concealed, battery-powered operator and control system.

- Replace a fixed or manual skylight easily because no wiring is required.

- KLI 110 remote and insect screen included with skylight.

- Available in deck and curb-mounted applications.

For more information visit: veluxusa.com/taxcredits

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

Model VCS	0° - 60° 0:12 - 20:12	2222	2234	2246	3030	3046	3434	4622	4646
Outside curb	(W-in. x H-in.)	25 $1/2$ x 25 $1/2$	25 $1/2$ x 37 $1/2$	25 $1/2$ x 49 $1/2$	33 $1/2$ x 33 $1/2$	33 $1/2$ x 49 $1/2$	37 $1/2$ x 37 $1/2$	49 $1/2$ x 25 $1/2$	49 $1/2$ x 49 $1/2$

Tiger | Liz
IIII I | IIII II
6 | 7

Electric "Fresh Air" Skylights

Deck-Mounted - VSE
Curb-Mounted - VCE

The No Leak Skylight
No Leak Promise
No Worries

VELUX ACTIVE COMPATIBLE
See page 2

Fifth Wall Design Tip

illuminate the geometry of structural beams

VELUX ACTIVE is the new all-in-one solution system for automatic control of indoor climate.

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

Whether you're at home or away, VELUX ACTIVE is your home's climate control and monitoring system. Trusted to create a healthier home environment, VELUX ACTIVE's sensor-based controls pair with your smartphone and automatically adjust your skylights and blinds for ideal temperature and air quality.

Purchase VELUX ACTIVE and receive

$200 off

on any factory-installed solar blind

Internet Gateway
Connects to Internet to monitor indoor climate to provide feedback for operations

Departure Switch
Securely close skylights and activate safe mode to limit skylight functions and only operate blinds

Climate Sensor
Constantly measures temperature and air quality (humidity and CO_2)

Check status of room condition

Monitor indoor climate temperature, humidity, and CO2

Sliders to open/close blinds

Sliders to open/close skylight

Manually set a timer to control skylight

VELUX

VELUX ACTIVE
indoor climate control

with
NETATMO

Works with Apple HomeKit

App screen

11:09 AM 95%

‹ Back Kitchen

Everything's fine !
Active Control is paused

72° 66% 453 PPM

Kitchen Left Skylight

Window

Kitchen Left Blind

Blind

Manual set point until 12:05 PM

0h 1h 2h 3h 6h 12h

Cancel OK

Save $200 on factory-installed solar blinds with purchase of VELUX ACTIVE.

Maximize the capabilities of VELUX ACTIVE with factory-installed solar blinds. Blinds operate automatically based on local weather forecast information.
See page 33

VELUX ACTIVE

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

with
NETATMO

A window into a smarter, healthier home.

VELUX ACTIVE
indoor climate control

Electric "Fresh Air" Skylights

Deck-Mounted - VSE
Curb-Mounted - VCE

VELUX ACTIVE COMPATIBLE
See page 2

Electric "Fresh Air" Deck-Mounted No Leak Skylight - VSE

Electric "Fresh Air" Curb-Mounted No Leak Skylight - VCE

KLI 110 Remote

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.

• KLI 110 remote and insect screen included with skylight.

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

Manual "Fresh Air" Skylights

Deck-Mounted - VS
Curb-Mounted - VCM

The No Leak Skylight
No Leak Promise
No Worries

Manual "Fresh Air" Skylights

Deck-Mounted - VS
Curb-Mounted - VCM

NEW *VS & VCM Energy Performance Model*

Manual "Fresh Air" Deck-Mounted
No Leak Skylight - VS

Manual "Fresh Air" Curb-Mounted
No Leak Skylight - VCM

UPGRADE
to the Energy Performance Model

Boost energy performance up to 40%

Reduce energy dependency and maximize efficiency by automatically controlling blind position based on seasons.

SUMMER | WINTER

Includes:

Factory-Installed, Room Darkening, Solar Blind + Programmable Remote Control

Eligible for **30%** Federal Tax Credit*

See page 36
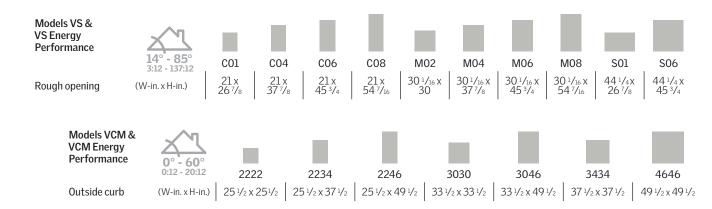
Benefits:

• Factory pre-finished white frames and sashes provide a high quality finish that eliminates the need for secondary, high cost trips by a painter.

• Pre-mounted Pick&Click!™ system brackets make the installation of sunscreen blinds a snap.

• Replacement kits (ZZZ 238) are available and sold separately for all VS skylights. The kit allows the installer to use a standard size VELUX VS on a non-standard opening while minimizing the amount of interior trim work needed. For more information, see page 49.

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

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

For more information visit: veluxusa.com/taxcredits

Fixed Skylights

Deck-Mounted - FS
Curb-Mounted - FCM
Self-Flashed - QPF

The No Leak Skylight
No Leak Promise
No Worries

Fixed Skylights

Deck-Mounted - FS

NEW *FS Energy Performance Model*
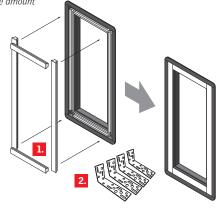
Replacement Kits for FS and VS (ZZZ 238)

This replacement kit will be available for all sizes of VS and most FS skylights.

This will allow the installer to use a standard size VELUX VS or FS skylight on a non-standard opening while minimizing the amount of interior trim work needed.

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

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

1.

2.

*Fixed Deck-Mounted
No Leak Skylight - FS*

UPGRADE
to the Energy Performance Model

Boost energy performance up to 40%

Reduce energy dependency and maximize efficiency by automatically controlling blind position based on seasons.

SUMMER   WINTER

Includes:

Factory-Installed, Room Darkening, Solar Blind

+

Programmable Remote Control

Eligible for
30%
Federal Tax Credit*

See page 36

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.

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

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

*For more information visit: veluxusa.com/taxcredits

Fifth Wall Design Tip

connect outdoor rooms with sky views of nature

Fixed Skylights

Curb-Mounted - FCM

NEW *FCM Energy Performance Model*

The No Leak Skylight
No Leak Promise
No Worries

Triple Pane Glass
available for cold weather climates

Fixed Curb-Mounted No Leak Skylight - FCM

Accessory tray is required for blind installation. See page 50.

UPGRADE
to the Energy Performance Model

Boost energy performance up to 40%

Reduce energy dependency and maximize efficiency by automatically controlling blind position based on seasons.

SUMMER   WINTER

Includes:

Factory-Installed, Room Darkening, Solar Blind   **+**   Programmable Remote Control

Eligible for **30%** Federal Tax Credit*

See page 36

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

Shipping

Width: 18 ³/₄ – 50 ³/₄
Height: 18 ³/₄ – 72
Delivered: 8-14 days
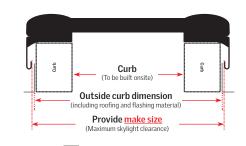
Width: 18 ³/₄ – 50 ³/₄
Height: 72 ¹/₄ – 76 ¹/₂
Delivered: 20 days

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

Curb (To be built onsite)
Outside curb dimension (including roofing and flashing material)
Provide make size (Maximum skylight clearance)

Models FCM & FCM Energy Performance	0° - 60° 0:12 - 20:12	1430	1446	2222	2230	2234	2246	2270	3030	3046	3434	3446	4646
Outside curb	(W-in. x H-in.)	17 ¹/₂ x 33 ¹/₂	17 ¹/₂ x 49 ¹/₂	25 ¹/₂ x 25 ¹/₂	25 ¹/₂ x 33 ¹/₂	25 ¹/₂ x 37 ¹/₂	25 ¹/₂ x 49 ¹/₂	25 ¹/₂ x 73 ¹/₂	33 ¹/₂ x 33 ¹/₂	33 ¹/₂ x 49 ¹/₂	37 ¹/₂ x 37 ¹/₂	37 ¹/₂ x 49 ¹/₂	49 ¹/₂ x 49 ¹/₂

*For more information visit: veluxusa.com/taxcredits

Self-Flashed Skylights

Self-Flashed - QPF

NEW *QPF Energy Preformance Model*

Self-Flashed Skylight - QPF

UPGRADE
to the Energy Performance Model

Boost energy performance up to 40%

Reduce energy dependency and maximize efficiency by automatically controlling blind position based on seasons.

SUMMER   WINTER

Includes:

Factory-Installed, Room Darkening, Solar Blind   **+**   Programmable Remote Control

Eligible for **30%** Federal Tax Credit*

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.

Models QPF & QPF Energy Performance	14° - 60° 3:12 - 20:12	2222	2230	2246	3030	3046	4646
Rough opening	(W-in. x H-in.)	22 $^{1}/_{2}$ x 22 $^{1}/_{2}$	22 $^{1}/_{2}$ x 30 $^{1}/_{2}$	22 $^{1}/_{2}$ x 46 $^{1}/_{2}$	30 $^{1}/_{2}$ x 30 $^{1}/_{2}$	30 $^{1}/_{2}$ x 46 $^{1}/_{2}$	46 $^{1}/_{2}$ x 46 $^{1}/_{2}$

For more information visit: veluxusa.com/taxcredits

**Fifth Wall
Design Tip**

bring in natural light
to open a room while
adding privacy

Instant Light Shaft
Ready-made skylight liner for easy and airtight completion on deck-mounted skylights
(Model ZZZ 234)

For 90° shafts

1.

2.

3.

4.

5.

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

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

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

Smaller sizes: C01, C04, C06, C08
Bigger sizes: M02, M04, M06, M08, S01, S06

Must provide skylight size code when ordering.
Example: ZZZ 234 M02

5-Star
Skylight Specialist
★ ★ ★
★ ★

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.

ENERGY STAR PARTNER

NFRC
National Fenestration Rating Council®

c (UL) us
®

Blinds

Room Darkening - double-pleated
Light Filtering - single-pleated
Blackout - flat fabric
Light Filtering - flat fabric

**Fifth Wall
Design Tip**

bring in color accents
with blinds

Factory-Installed Blinds

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

In-stock room darkening - double-pleated blinds

✓ **Room darkening**
Blackout cloth with honeycomb structure.

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

✓ **Sleek design**
Neat pleats.

Basics			Authentics	
CS00 White	CS01 Beige	CS41 Charcoal	CS42 Green	CS43 Grey
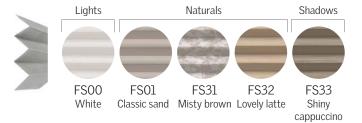
In-stock light filtering - single-pleated blinds

✓ **Light dimming**
Softens incoming light.

✓ **Sleek design**
Neat pleats.

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

Note: Special order blinds ship separately from your skylight. Please allow 14 working days for delivery.
*For more information visit: veluxusa.com/taxcredits

Special Order Blinds
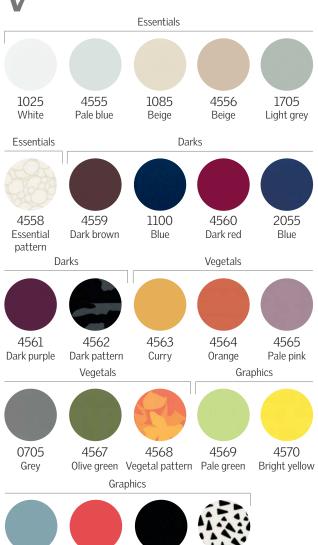
Blackout blinds - flat

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

✓ **Solar-powered or manual**

Essentials

1025 White	4555 Pale blue	1085 Beige	4556 Beige	1705 Light grey

Essentials / Darks

4558 Essential pattern	4559 Dark brown	1100 Blue	4560 Dark red	2055 Blue

Darks / Vegetals

4561 Dark purple	4562 Dark pattern	4563 Curry	4564 Orange	4565 Pale pink

Vegetals / Graphics

0705 Grey	4567 Olive green	4568 Vegetal pattern	4569 Pale green	4570 Bright yellow

Graphics

4571 Light blue	4572 Flash red	3009 Black	4573 Graphic pattern

Light filtering - single-pleated blinds

✓ **Colorful light effects**
Softens incoming light.

✓ **Solar-powered or manual**

Lights / Naturals / Shadows

1255 Snowy white	1256 Classic white	1257 Wavy white	1258 Delightful cream	1262 Infinite grey

Shadows / Masters

1263 Metallic gold	1265 Metallic blue	1266 Luscious lime	1267 Burned orange	1268 Delightful blue

Masters / Blossoms

1269 Classic red	1270 Sunny stripes	1271 Sunny yellow	1272 Sunny blue	1273 Sunny orange

Room darkening - double-pleated blinds

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

Contstructivists

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

Factory

7057 Brushed silver	7012 Charcoal	7058 Midnight blue

Club

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 14 working days for delivery.
*For more information visit: veluxusa.com/taxcredits

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

✓ **Energy efficient**
40% improvement in U-value energy performance.

✓ **Sleek design**
Neat pleats.

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

✓ **Solar-powered or manual**

Authentics

1049 Golden beige	1159 Brown

Basics

1156 Blue

Dynamics

1051 Raspberry	1162 Cherise

Dynamics

1160 Yellow	1161 Orange

Energy Performance model can boost energy performance up to 40%

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

Basics

| White | Beige | Charcoal |

Authentics

| Green | Grey |

Seasonal automation optimizes energy efficiency

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

Easy programmable remote control for winter and summer modes.

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

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

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

Roof Windows

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

Fifth Wall Design Tip

keep natural light and fresh air within reach with roof windows

Natural ventilation with a closed window

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

White Polyurethane

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

More access to the outdoors

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

Roof Windows

Top-Hinged Roof Window - GPU
Center-Pivot Roof Window - GGU

Top-Hinged Roof Window - GPU

Center-Pivot Roof Window - GGU
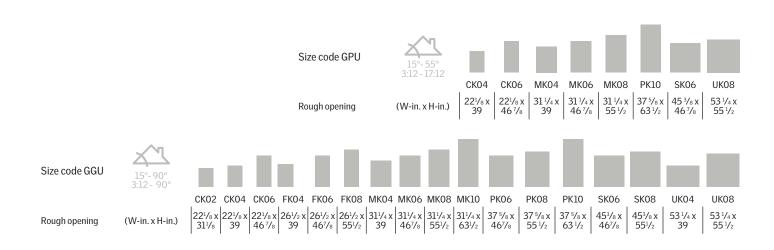
Benefits:

- Enjoy panoramic views while increasing your energy efficiency and natural ventilation.

- Greatly increase the amount of natural light in your rooms.

- Convenient bottom operation - the perfect choice for loft conversions with windows in easy reach.

- GGU roof windows are only available for special order.

- Easy to open and quick to close with the top control bar. (GGU only)

- Low installation allows for more flexibility and better views.

Note: All cladding components for roof windows are included in the flashing box. If VELUX flashing is not used, then cladding pieces must be ordered.

Size code GPU

15°- 55°
3:12 - 17:12

	CK04	CK06	MK04	MK06	MK08	PK10	SK06	UK08
Rough opening (W-in. x H-in.)	$22\frac{1}{8}$ x 39	$22\frac{1}{8}$ x $46\frac{7}{8}$	$31\frac{1}{4}$ x 39	$31\frac{1}{4}$ x $46\frac{7}{8}$	$31\frac{1}{4}$ x $55\frac{1}{2}$	$37\frac{5}{8}$ x $63\frac{1}{2}$	$45\frac{3}{8}$ x $46\frac{7}{8}$	$53\frac{1}{4}$ x $55\frac{1}{2}$

Size code GGU

15°- 90°
3:12 - 90°

	CK02	CK04	CK06	FK04	FK06	FK08	MK04	MK06	MK08	MK10	PK06	PK08	PK10	SK06	SK08	UK04	UK08
Rough opening (W-in. x H-in.)	$22\frac{1}{8}$ x $31\frac{1}{8}$	$22\frac{1}{8}$ x 39	$22\frac{1}{8}$ x $46\frac{7}{8}$	$26\frac{1}{2}$ x 39	$26\frac{1}{2}$ x $46\frac{7}{8}$	$26\frac{1}{2}$ x $55\frac{1}{2}$	$31\frac{1}{4}$ x 39	$31\frac{1}{4}$ x $46\frac{7}{8}$	$31\frac{1}{4}$ x $55\frac{1}{2}$	$31\frac{1}{4}$ x $63\frac{1}{2}$	$37\frac{5}{8}$ x $46\frac{7}{8}$	$37\frac{5}{8}$ x $55\frac{1}{2}$	$37\frac{5}{8}$ x $63\frac{1}{2}$	$45\frac{3}{8}$ x $46\frac{7}{8}$	$45\frac{3}{8}$ x $55\frac{1}{2}$	$53\frac{1}{4}$ x 39	$53\frac{1}{4}$ x $55\frac{1}{2}$

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.

Note: All cladding components for roof windows are included in the flashing box. If VELUX flashing is not used, then cladding pieces must be ordered.

Size code GXU	15° - 85° 3:12 - 137:12	CK06	FK06
Rough opening	(W-in. x H-in.)	22 1/8 x 46 7/8	26 1/2 x 46 7/8
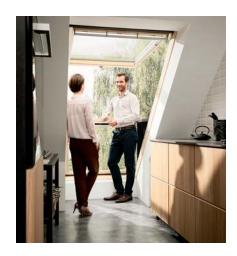
Balcony Roof Window

Deck-Mounted - GDL CABRIO™

Balcony Roof Window - GDL CABRIO™

Benefits:

• Dual-sash operation.

• Features a select wood frame with a clear finish sash coating and exterior aluminum.

35.25°- 53°
8.5:12 - 15:12

PK19

Rough opening   (W-in. x H-in.)   39 3/8 x 101

**Fifth Wall
Design Tip**

transform attics with
a private balcony

10-Year Installation Warranty

Deck-Mounted - 3 layers of protection

1 Deck seal

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

2 Adhesive underlayment

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

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

Engineered flashing for easy installation and primary water protection.
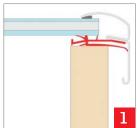
For complete information visit thenoleakskylight.com.

The No Leak Skylight
• No Leak Promise • No Worries

1 Pre-attached gasket

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

2 Adhesive underlayment

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

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

Engineered flashing for easy installation and primary water protection.

For complete information visit thenoleakskylight.com.

™

Deck-Mounted Flashing Systems

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

Adhesive underlayment included in flashing kit

Shingles/shakes - EDL

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

Combi applications*

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

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

Tile roofing - EDW

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

Note: Not available for VSS

Metal roofing - EDM

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

Copper cladding and flashing

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

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 veluxusa.com.

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

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

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

Curb-Mounted Flashing Systems

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

Adhesive
underlayment
included in
flashing kit

Shingles/shakes - ECL

- Step flashing pieces interweave
  with roofing material for proper
  water drainage.

- Additional step pieces (ZZZ
  200) are required for shakes
  and other thick roofing
  materials.

Tile roofing - ECW

- Patented-sill flashing features
  pliable pleats that form to most
  types of tile.

- Side and head flashing pieces
  form a gutter to direct water
  away from the skylight.

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

Accessories

Skylight accessories

VELUX ACTIVE
indoor climate control starter kit *(KIX 300US)*

This sensor-based control system monitors the climate in your home and automatically adjusts the ventilation of your skylights and position of your blinds accordingly.

VELUX ACTIVE
indoor climate sensor *(KLA 300US)*

Measures temperature, humidity, and air quality (CO_2 levels). It can also operate INTEGRA skylights. Included in VELUX ACTIVE starter kit and can be bought separately in case extra sensors are needed. A sensor is recommended for each room with Fresh Air skylights.

VELUX ACTIVE
departure switch *(KLN 300US)*

Can securely close all electric/solar skylights. Safe mode limits skylight functions to only operate blinds when activated. Included in VELUX ACTIVE starter kit and can be bought separately in case extra departure switch is needed.

Sun Screen Accessory Adapter Kit
(ZZZ 232)

Before   After   After with blind

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

Replacement Kits for FS and VS
(ZZZ 238)

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

Replacement kit (ZZZ 238) contents:

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

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

* Excluding FS A06, FS C12

Instant Light Shaft
(ZZZ 234)

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

Angle Adapter for Chain Operator
(ZZZ 203)

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

Extension for Chain Operator
(ZZZ 208)

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

Trim Kit with L Parts
(ZZZ 213)

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

Home Automation Integration Kit
(KLF)

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

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

Available for manual venting skylights.

VS Crank Handle *(ZZZ 201)*
VCM Crank Handle *(ZZZ 212)*
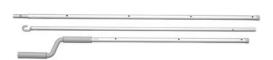
A manual crank handle used to operate deck-mounted venting skylights with a chain operator. Skylights must have been installed within reach and manufactured since 2010.

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

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

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

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

3-ft. extension for ZCT 300, 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

VELUX Sun Tunnel Skylights

Flat glass - TLR
Curb-Mounted - TCR
Rigid - TMR/TGR
Flex - TMF/TGF
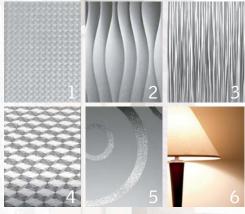
Redesigned Ceiling Ring

Better looking

Brighter

More energy efficient

1	2	3
4	5	6

6 New Decorative Diffusers

1. Micro Fresnel
2. Triple Wave
3. Brushed Metal
4. Prismatic
5. Bubbles
6. Neutral Light

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.

Fifth Wall Design Tip

paint shiplap to create a vintage appearance

VELUX Sun Tunnel Skylights capture daylight and deliver it to the interior of your home without the need for complex construction.

1 Clear UV resistant light capturing dome

2 Pivoting tunnel system for easy assembly

3 One-piece waterproof flashing assembly

4 Flexi Loc™ tunnel assembly system for quick and easy installation

5 Two 45-degree elbows, one 24″ tunnel section, additional available

6 Energy efficient diffuser assembly with several diffuser options

VELUX Sun Tunnel Skylights

Flat Glass - TLR
Curb-Metal Flashing - TCR
Rigid Pitched - TMR
Rigid Low Profile - TGR

Kits included two 12″ 45 degree adjustable elbows and one 24″ tunnel extension

Flat Glass - TLR

Benefits:

- Ultra low profile glass design creates a stealth appearance on any roof line.

- Perfect for developments where local ordinance do not allow domed skylights.

- Provides maximum daylight on southern exposures.

- One piece pan flashing for easy installation.

14° - 60°
3:12 - 20:12

Model TLR	014
Overall flashing	25 $^3/_8$″ x 30 $^1/_2$″
Rough opening (ceiling)	14 $^1/_2$″
Rough opening (roof deck)	14 $^1/_2$″
Minimum installable length	4″
Maximum recommended install length (orientation dependent)	30′

Universal solar powered night light
for VELUX Rigid Residential Sun Tunnels (ZTZ 213)

Provides constant low-level light when the sun sets. Ensures Sun Tunnels provide light all day, every day. Available for all Rigid Sun Tunnels.

Curb-Metal Flashing - TCR

Rigid Pitched - TMR

Rigid Low Profile - TGR

- Ideal for low sloped applications.

- Perfect for use with metal roofing, rolled roofing, and high profile roofing materials.

- One piece curb mount flashing for easy installation.

- Pitched pan flashing is ideal for sloped roof applications.

- Pitched flashing provides optimal angle for gathering daylight within sloped applications.

- Ideal for all roof exposures.

- One piece pan flashing for easy installation.

- Low profile flashing provides and integrated look with the roof line.

- Low profile dome - acrylic or polycarbonate.

- Provides maximum daylight on southern exposures.

- One piece pan flashing for easy installation.

0° - 60°
0:12 - 20:12

Model TCR	014
Overall flashing	22″ x 22″
Rough opening (ceiling)	14 1/2″
Rough opening (roof deck)	16 3/4 ″
Minimum installable length	4″
Maximum recommended install length	30′

14° - 60°
3:12 - 20:12

Model TMR	010	014
Overall flashing	24 3/4″ x 26″	29″ x 30 1/2″
Rough opening (ceiling)	10 1/2″	14 1/2″
Rough opening (roof deck)	14 1/2″ x 16″	14 1/2 ″x 20″
Minimum installable length	4″	4″
Maximum recommended install length	20′	30′

14° - 60°
3:12 - 20:12

Model TGR	010	014
Overall flashing	24 3/4″ x 24 3/4″	29″ x 29″
Rough opening (ceiling)	10 1/2″	14 1/2″
Rough opening (roof deck)	14 1/2″ x 16″	14 1/2 ″ x 18″
Minimum installable length	4″	4″
Maximum recommended install length	20′	30′

VELUX Sun Tunnel Skylights

Flex Pitched - TMF
Flex Low Profile - TGF

Kits included 8' of flexible tunnel

Flex Pitched - TMF

Flex Low Profile - TGF

Benefits:

- Pitched pan flashing is ideal for sloped roof applications.

- Pitched flashing provides optimal angle for gathering daylight within sloped applications.

- Ideal for all roof exposures and short tunnel runs.

- One piece pan flashing for easy installation.

- Low profile flashing provides and integrated look with the roof line.

- Low profile dome - acrylic or polycarbonate.

- Provides maximum daylight on southern exposures.

- One piece pan flashing for easy installation.

14° - 60°
3:12 - 20:12

Model TMF	014
Overall Flashing size	29" x 30 1/2"
Rough opening (ceiling)	14 1/2"
Rough Opening (roof deck)	14 1/2" x 20"
Minimum installable length	4"
Maximum recommended install length	8'

14° - 60°
3:12 - 20:12

Model TGF	014	022
Overall Flashing size	29" x 29"	37" x 37"
Rough opening (ceiling)	14 1/2"	22 1/2"
Rough Opening (roof deck)	14 1/2" x 18"	22 1/2" x 26"
Minimum installable length	4"	4"
Maximum recommended install length	8'	8'

Accessories

Sun Tunnel Accessories

NEW

Universal Solar Powered Night Light
(ZTZ 213)

Eligible for 30% Federal Tax Credit

Provides constant low-level light when the sun sets. Ensures Sun Tunnels provide light all day, every day. Available for all Rigid Sun Tunnels.

VELUX ZTL Electric Light Kit
(ZTL)

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

c(UL)us

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

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

Tile Flashing for 14″ & 22″ 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.

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.

Energy Kit
(ZTC 0041US)

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

Elbows
(ZTE)

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

Rotating Coupler
(ZTZ 211)

Easy to install tunnel and elbow coupler that enables quick tunnel connections. Rotating joint helps align tunnel sections. Available in 10" and 14"

Rigid Tube
(ZTR)

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

Exterior Fire Band
(ZZZ 192)

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

Decorative Diffuser
(ZTB)

Transform Sun Tunnels to match your interior décor. Select from a range of micro engineered decorative diffusers to increase interior aesthetics and visual appeal.
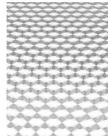
Micro Fresnel
ZTB 4004US

Triple Wave
ZTB 4005US

Brushed Metal
ZTB 4006U

Prismatic
ZTB 4007US
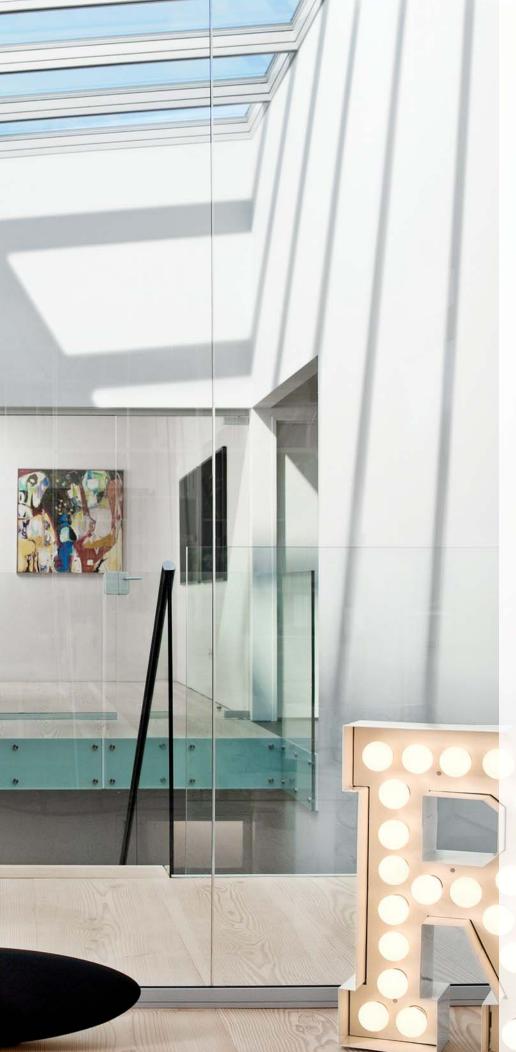
Bubbles
ZTB 4008US

Neutral Light ZTB 4009US
Convert daylight to appear more like a traditional household light bulb with a warm yellow hue.

VELUX Modular Skylights

Fully integrated ventilation and sunscreening

**Fifth Wall
Design Tip**

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

What are VELUX Modular Skylights?

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

Unique design

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

Robust and energy efficient

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

VELUX Modular Skylights

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

Other longlight systems available for roof pitches betweeen 10°- 25° call 844-99-GOVMS

Product code Ventilating	Product code all Fixed	Description	Total opening width x height
HVC 100120 SL0047	HFC 100120 SL0017	**Fixed:** One fixed longlight, complete with all flashings components.**	41 $^9/_{16}$" x 51"
HVC 100160 SL0047	HFC 100160 SL0017		41 $^9/_{16}$" x 67"
HVC 100200 SL0047	HFC 100200 SL007	**Ventilating:** One electrically operated vented longlight, complete with all flashings components. Includes electric control system and wind and rain sensor.**	41 $^9/_{16}$" x 83"
HVC 100240 SL0047	HFC 100240 SL0017		41 $^9/_{16}$" x 98"
HVC 100120 SL0048	HFC 100120 SL0018	**Fixed:** Two fixed longlights, complete with flashing components.**	81" x 51"
HVC 100160 SL0048	HFC 100160 SL0018		81" x 67"
HVC 100200 SL0048	HFC 100200 SL0018	**Ventilating:** Two longlights, one fixed, one electrically operated vented, complete with flashing components. Includes electric control system and wind and rain sensor.**	81" x 83"
HVC 100240 SL0048	HFC 100240 SL0018		81" x 98"
HVC 100120 SL0049	HFC 100120 SL0019	**Fixed:** Three fixed longlights, complete with flashing components.**	120 $^4/_{16}$" x 51"
HVC 100160 SL0049	HFC 100160 SL0019		120 $^4/_{16}$" x 67"
HVC 100200 SL0049	HFC 100200 SL0019	**Ventilating:** Three longlights, two fixed, one electrically operated vented, complete with flashing components. Includes electric control system and wind and rain sensor.**	120 $^4/_{16}$" x 83"
HVC 100240 SL0049	HFC 100240 SL0019		120 $^4/_{16}$" x 98"
HVC 100120 SL0050	HFC 100120 SL0020	**Fixed:** Four fixed longlights, complete with flashing components.**	159 $^{10}/_{16}$" x 51"
HVC 100160 SL0050	HFC 100160 SL0020		159 $^{10}/_{16}$" x 67"
HVC 100200 SL0050	HFC 100200 SL0020	**Ventilating:** Four longlights, two fixed, two electrically operated vented, complete with flashing componets. Includes electric control system and wind and rain sensor.**	159 $^{10}/_{16}$" x 83"
HVC 100240 SL0050	HFC 100240 SL0020		159 $^{10}/_{16}$" x 98"
HVC 100120 SL0051	HFC 100120 SL0021	**Fixed:** 10 fixed longlights, complete with flashing components.**	395 $^{14}/_{16}$" x 51"
HVC 100160 SL0051	HFC 100160 SL0021		395 $^{14}/_{16}$" x 67"
HVC 100200 SL0051	HFC 100200 SL0021	**Ventilating:** Ten longlights, seven fixed, three electrically operated vented, complete with flashing components. Includes electric control system and wind and rain sensor.**	395 $^{14}/_{16}$" x 83"
HVC 100240 SL0051	HFC 100240 SL0021		395 $^{14}/_{16}$" x 98"

*Assumes 0° roof pitch

**The installer is responsible for curb flashing material and installation of the curb to the roof.
   Installer may want to consider the use of a water diverter above the longlight system when installed on a pitched roof.

Delivery time is approximately 8-10 weeks

Double-glazing unit

All configurations come standard with **Type 10 Glass** – Dual pane, low energy, clear exterior over laminated interior.
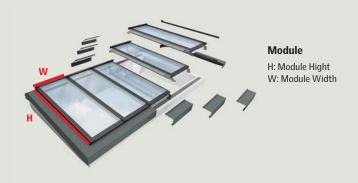
Also available:

Type 11 Dual pane, low energy, with solar protection exterior over laminated interior.

Type 16 Super low energy, triple pane.

Modular concept

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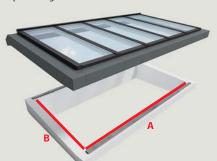
Module
H: Module Hight
W: Module Width

W

H

Individual sub-construction

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

Sub-construction
A: Opening Width
B: Opening Length

More VMS configurations are available.

Please call 844-99-GOVMS for pricing and product availability or email vmsmodularskylightsusa@velux.com.

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: **Product 426-H-670** (not applicable to copper-clad variants)

** 06 variant is tested and WDMA Hallmark certified for Wind-borne debris impact, in accordance with ASTM E 1886 and ASTM E 1996. Rated for Wind Zone 3, Missile Level C, Cycle Pressure +50/-50

04 glass: Tempered over laminated HS (0.030" interlayer)
06 glass: Tempered over laminated HS (0.090" interlayer)
08 glass: Same as 04, with white interlayer
10 glass: Tempered over laminated Tempered (0.030" interlayer)
9994 glass: Same as 04, with i89 coating on interior surface

VS Technical Information						
Glass	04	05	06**	08	10	9993	9994
Air infiltration/exfiltration* [max. @ 75 Pa (1.57 lbs/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: **Product 426-H-670** (not applicable to copper-clad variants)

** 06 variant is tested and WDMA Hallmark certified for Wind-borne debris impact, in accordance with ASTM E 1886 and ASTM E 1996. Rated for Wind Zone 3, Missile Level C, Cycle Pressure +50/-50

04 glass: Tempered over laminated HS (0.030" interlayer)
05 glass: Tempered over tempered
06 glass: Tempered over laminated HS (0.090" interlayer)
08 glass: Same as 04, with white interlayer
10 glass: Tempered over laminated Tempered (0.030" interlayer)
29 glass: Tempered over tempered over laminated HS (0.030" interlayer)
9993 glass: Same as 05, with i89 coating on interior surface
9994 glass: Same as 04, with i89 coating on interior surface

FS Technical Information

Glass	04	05	06**	08	10	9993	9994
Air infiltration/exfiltration* [max. @ 75 Pa (1.57 lbs/ft^2) differential pressure]							
l/s/m^2	0.1	0.7	0.1	0.1	0.1	0.7	0.1
cfm/ft^2	0.01	0.14	0.01	0.01	0.01	0.14	0.01
Water resistance @ 3.4 L/m^2/min (5 USgal/ft^2/hr)* [max. tested differential pressure with no leakage]							
Pascals	720	720	720	720	720	720	720
lbs/ft^2	15	15	15	15	15	15	15
Thermal performance (Certified, complete unit values)							
VELUX Glass Skylights are rated at 20° slope and labeled with NFRC-certified **U-Factor, SHGC, and VT** ratings listed in the NFRC Certified Products Directory.							
U-Factor	0.44	0.45	0.42	0.44	0.42	0.39	0.38
SHGC	0.26	0.26	0.26	0.25	0.26	0.26	0.26
VT	0.60	0.61	0.60	0.44	0.60	0.60	0.60
UV protection, %							
300-380 nm	99.9	95.2	99.9	99.9	99.9	95.3	99.9
Fading protection, % (Krochmann damage function)							
300-600 nm	83.1	79.2	84.6	88.4	83.2	81.6	85.1
Structural Performance [Performance Grade or DP] *							
Tested size	Uplift (lbs/ft^2)						
S06	70	45	65	70	65	45	70
M08	105	90	120	105	100	90	105
C06	n.r.	n.r.	n.r.	n.r.	65	n.r.	n.r.
Tested size	Download (lbs/ft^2)						
S06	160	400	300	160	720	400	160
M08	350	400	300	350	1180	400	350
C06	n.r.	n.r.	n.r.	n.r.	1250	n.r.	n.r.

* Tested in accordance with AAMA/WDMA/CSA 101/I.S.2/A440-11 (NAFS 2011)

Structural performance ratings also apply to sizes smaller than the Tested Size FS skylights are WDMA Hallmark certified: **Product 426-H-669** (not applicable to copper-clad variants)

** 06 variant is tested and WDMA Hallmark certified for Wind-borne debris impact, in accordance with ASTM E 1886 and ASTM E 1996. Rated for Wind Zone 3, Missile Level C, Cycle Pressure +50/-50

04 glass: Tempered over laminated HS (0.030" interlayer)
05 glass: Tempered over tempered
06 glass: Tempered over laminated HS (0.090" interlayer)
08 glass: Same as **04**, with white interlayer
10 glass: Tempered over laminated Tempered (0.030" interlayer)
29 glass: Tempered over tempered over laminated HS (0.030" interlayer)
9993 glass: Same as **05**, with i89 coating on interior surface
9994 glass: Same as **04**, with i89 coating on interior surface

VCE /VCS Technical Information

Glass	04	06**	08	10	9994
Air infiltration/exfiltration* [max. @ 75 Pa (1.57 lbs/ft^2) differential pressure]					
l/s/m^2	0.1	0.1	0.41	<0.1	0.1
cfm/ft^2	0.02	0.01	0.02	<0.01	0.02
Water resistance @ 3.4 L/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	0.53	0.50	0.53	0.51	0.48
SHGC	0.24	0.24	0.23	0.24	0.22
VT	0.55	0.54	0.40	0.54	0.49
UV protection, %					
300-380 nm	99.9	99.9	99.9	99.9	99.9
Fading protection, % (Krochmann damage function)					
300-600 nm	83.1	84.6	88.4	83.2	85.1
Structural Performance [Performance Grade or DP] *					
Tested size	Uplift (lbs/ft^2)				
4646	45	60	45	40	45
2246	n.r.	n.r.	n.r.	65	n.r.
Tested size	Download (lbs/ft^2)				
4646	230	230	230	620	230
2246	n.r.	n.r.	n.r.	1150	n.r.

* Tested in accordance with AAMA/WDMA/CSA 101/I.S.2/A440-11 (NAFS 2011)

Structural performance ratings also apply to sizes smaller than the Tested Size VCE and VCS skylights are WDMA Hallmark certified: **Product 426-H-695**

** 06 variant is tested and WDMA Hallmark certified for Wind-borne debris impact, in accordance with ASTM E 1886 and ASTM E 1996. Rated for Wind Zone 3, Missile Level C, Cycle Pressure +50/-50

04 glass: Tempered over laminated HS (0.030" interlayer)
06 glass: Tempered over laminated HS (0.090" interlayer)
08 glass: Same as **04**, with white interlayer
10 glass: Tempered over laminated Tempered (0.030" interlayer)
9994 glass: Same as **04**, with i89 coating on interior surface

Testing data

VCM Technical Information						
Glass	04	05	06**	10	9993	9994
Air infiltration/exfiltration* [max. @ 75 Pa (1.57 lbs/ft²) differential pressure]						
l/s/m²	0.1	<0.1	0.1	<0.1	<0.1	0.1
cfm/ft²	0.02	<0.01	0.01	<0.01	<0.01	0.02
Water resistance @ 3.4 L/m²/min (5 USgal/ft²/hr)* [max. tested differential pressure with no leakage]						
Pascals	720	720	720	720	720	720
lbs/ft²	15	15	15	15	15	15
Thermal performance (Certified, complete unit values)						
VELUX Glass Skylights are rated at 20° slope and labeled with NFRC-certified **U-Factor, SHGC, and VT** ratings listed in the NFRC Certified Products Directory.						
U-Factor	0.53	0.53	0.50	0.51	0.48	0.48
SHGC	0.24	0.24	0.24	0.24	0.22	0.22
VT	0.55	0.56	0.54	0.54	0.50	0.49
UV protection, %						
300-380 nm	99.9	95.2	99.9	99.9	95.3	99.9
Fading protection, % (Krochmann damage function)						
300-600 nm	83.1	79.2	84.6	83.2	81.6	85.1
Structural Performance [Performance Grade or DP] *						
Tested size	Uplift (lbs/ft²)					
4646	45	30	60	40	30	45
2246	n.r.	n.r.	n.r.	65	n.r.	n.r.
Tested size	Download (lbs/ft²)					
4646	230	230	230	620	230	230
2246	n.r.	n.r.	n.r.	1150	n.r.	n.r.

* Tested in accordance with AAMA/WDMA/CSA 101/I.S.2/A440-11 (NAFS 2011)

Structural performance ratings also apply to sizes smaller than the Tested Size VCM skylights are WDMA Hallmark certified: **Product 426-H-695**

** 06 variant is tested and WDMA Hallmark certified for Wind-borne debris impact, in accordance with ASTM E 1886 and ASTM E 1996. Rated for Wind Zone 3, Missile Level C, Cycle Pressure +50/-50

04 glass: Tempered over laminated HS (0.030" interlayer)
05 glass: Tempered over tempered
06 glass: Tempered over laminated HS (0.090" interlayer)
08 glass: Same as 04, with white interlayer
10 glass: Tempered over laminated Tempered (0.030" interlayer)
9993 glass: Same as 05, with i89 coating on interior surface
9994 glass: Same as 04, with i89 coating on interior surface

FCM Technical Information								
Glass	04	05/05C	06**	08	10	29/30	9993	9994
Air infiltration/exfiltration* [max. @ 75 Pa (1.57 lbs/ft²) differential pressure]								
l/s/m²	0.2	<0.1	<0.1	0.2	0.1	0.3	<0.1	0.2
cfm/ft²	0.03	<0.01	<0.01	0.03	0.01	0.05	<0.01	0.03
Water resistance @ 3.4 L/m²/min (5 USgal/ft²/hr)* [max. tested differential pressure with no leakage]								
Pascals	720	720	720	720	720	720	720	720
lbs/ft²	15	15	15	15	15	15	15	15
Thermal performance (Certified, complete unit values)								
VELUX Glass Skylights are rated at 20° slope and labeled with NFRC-certified **U-Factor, SHGC, and VT** ratings listed in the NFRC Certified Products Directory.								
U-Factor	0.48	0.49/0.45	0.46	0.48	0.47	0.38	0.43	0.43
SHGC	0.27	0.27/0.28	0.27	0.26	0.27	0.25	0.25	0.25
VT	0.63	0.64/0.63	0.62	0.46	0.62	0.57	0.57	0.57
UV protection, %								
300-380 nm	99.9	95.2	99.9	99.9	99.9	95.2	95.3	99.9
Fading protection, % (Krochmann damage function)								
300-600 nm	83.1	79.2	84.6	88.4	83.2	79.2	81.6	85.1
Structural Performance [Performance Grade or DP] *								
Tested size	Uplift (lbs/ft²)							
4672	80	n.r.	n.r.	80	n.r.	n.r.	n.r.	80
4646	120	140	80	120	135	60	140	120
2270	100	n.r.	n.r.	100	n.r.	n.r.	n.r.	100
Tested size	Download (lbs/ft²)							
4672	70	n.r.	n.r.	70	n.r.	n.r.	n.r.	70
4646	250	100	100	250	970	75	100	250
2270	200	n.r.	n.r.	200	n.r.	n.r.	n.r.	200

* Tested in accordance with AAMA/WDMA/CSA 101/I.S.2/A440-11 (NAFS 2011)

Structural performance ratings also apply to sizes smaller than the Tested Size FCM skylights are WDMA Hallmark certified: **Product 426-H-701**

** 06 variant is tested and WDMA Hallmark certified for Wind-Borne debris impact, Florida HVHZ : Large Missile Level D, Cycle Pressure +50/-50, tested per TAS 201, 202 and 203 (Wind Zone 4) Large Missile Level C, Cycle Pressure +50/-50, tested per ASTM E 1886 and ASTM E 1996

04 glass: Tempered over laminated HS (0.030" interlayer)
05 glass: Tempered over tempered
06 glass: Tempered over laminated HS (0.090" interlayer)
08 glass: Same as 04, with white interlayer
10 glass: Tempered over laminated Tempered (0.030" interlayer)
29 glass: Tempered over tempered over laminated HS (0.030" interlayer)
30 glass: Tempered over tempered over tempered
9993 glass: Same as 05, with i89 coating on interior surface
9994 glass: Same as 04, with i89 coating on interior surface

Note: The FCM 4646 (or smaller) 06 is the only VELUX skylight currently qualified for use in Florida HVHZ (High Velocity Hurricane Zone).

QPF Technical Information						
Glass	04	05	06**	08	9993	9994
Air infiltration/exfiltration* [max. @ 75 Pa (1.57 lbs/ft^2) differential pressure]						
l/s/m^2	0.5	0.3	0.4	0.5	0.3	0.5
cfm/ft^2	0.09	0.06	0.08	0.09	0.06	0.09
Water resistance @ 3.4 L/m^2/min (5 USgal/ft^2/hr) * [max. tested differential pressure with no leakage]						
Pascals	580	720	720	580	720	580
lbs/ft^2	12	15	15	12	15	12
Thermal performance (Certified, complete unit values)						
QPF Skylights are rated and labeled per NFRC Procedures (VEL-N-17) **U-Factor, SHGC, and VT** ratings listed in the NFRC Certified Products Directory						
U-factor (Btu/[hr*ft^2*F˚]) @20° slope	0.42	0.43	0.40	0.42	0.38	0.37
SHGC	0.25	0.24	0.25	0.24	0.24	0.24
VT	0.57	0.57	0.57	0.40	0.56	0.56
UV protection, %						
300-380 nm	99.9	95.2	99.9	99.9	95.3	99.9
Fading protection, % (Krochmann damage function)						
300-380 nm	83.1	79.2	84.6	88.4	81.6	85.1
Structural Performance [Performance Grade or DP] *						
Tested size	Uplift (lbs/ft^2)					
4646	80	80	100	80	80	80
Tested size	Download (lbs/ft^2)					
4646	320	300	300	320	300	320

* Tested in accordance with AAMA/WDMA/CSA 101/I.S.2/A440-11 (NAFS 2011)
Structural performance ratings also apply to sizes smaller than the Tested Size

QPF skylights are certified per WDMA Hallmark: **Product 426-H-677**
Florida Product Approval FL-13300
Texas Dept. of Insurance Reports: SK-03 and SK-14

**06 variant is tested and certified per WDMA Hallmark for Wind-borne debris, in accordance with ASTM E 1886 and ASTM E 1996.
Rated for Wind Zone 3, Missile Level C, Cycle Pressure +50/-50

04 glass: Tempered over laminated HS (0.030" interlayer)
05 glass: Tempered over tempered
06 glass: Tempered over laminated HS (0.090" interlayer)
08 glass: Same as 04, with white interlayer
9993 glass: Same as 05, with i89 coating on interior surface
9994 glass: Same as 04, with i89 coating on interior surface

Residential Sun Tunnel Skylights Technical Information							
Model	TLR	TSR	TCR	TGF	TGR	TMF	TMR/THR
Air infiltration/exfiltration* [max. @ 75 Pa (1.57 lbs/ft^2) differential pressure]							
l/s/m^2	0.1	0.3	0.5	0.2			
cfm/ft^2	0.01	0.05	0.09	0.04			
Water resistance @ 3.4 L/m^2/min (5 USgal/ft^2/hr)* [max. tested differential pressure with no leakage]							
Pascals	720	720	720	720			
lbs/ft^2	15	15	15	15			
Thermal performance (Certified, complete unit values)							
Sun Tunnels are tested, listed and labeled per NFRC procedures U-Factor (with insulation at ceiling), SHGC, and VT$_{annual}$							
U-factor: Btu/[hr*ft^2*F˚]							
Base model	0.51	n.r.	n.r.	0.50	n.r.	0.50	n.r.
w/energy kits	0.36	n.r.	0.38	0.37	0.38	0.37	0.38
SHGC: US ratings shown for models with EO energy kits							
Base model	0.46	n.r.	n.r.	0.21	n.r.	0.21	n.r.
w/energy kits	0.42	n.r.	0.25	0.25	0.25	n.r.	0.25
Annual Average Visible Transmittance (VT$_{annual}$)							
Base model	0.36	n.r.	n.r.	0.16	n.r.	0.16	n.r.
w/energy kits	0.32	n.r.	0.40	n.r.	0.40	n.r.	0.40
Structural Performance [Performance Grade or DP]* [Note: 1 psf = 47.88 Pa]							
Dome type **	Uplift (negative)						
Acrylic or Polycarbonate	n.a.	180 Acrylic only	165	125			
Temp. Glass	245	n.a.					
Dome type **	Download (positive)						
Acrylic or Polycarbonate	n.a.	200 Acrylic only	300	300			
Temp. Glass	150	n.a.					

* Tested in accordance with AAMA/WDMA/CSA 101/I.S.2/A440-11 (NAFS 2011)

Sun Tunnels are certified per WDMA Hallmark: **Products 426-H-626, -693, -705, and -706**
Florida Product Approval FL-6393
Texas Dept. of Insurance Reports: SK-12, SK-15 and SK-24

**All Sun Tunnels models with Polycarbonate domes are tested for Wind-Borne debris, in accordance with ASTM E1886 and ASTM E1996.
Rated for Wind Zone 3, Missile Level C, Cycle Pressure +50/-50
(The following models not available with Polycarbonate domes: THR, TLR, TSR)

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 (NAFS), various ASTM methods.

b) Thermal and optical performance data are verified by accredited entities.

c) Most variants with WDMA Hallmark certification are also recognized under Uniform-ES report #ER 0199 (IAPMO-ES).

NOTICE: ALL GLASS MAY BE SUBJECT TO UNEXPECTED AND SPONTANEOUS BREAKAGE in rare circumstances due to imperfections in the glass that are undetectable during the manufacturing and inspection process by the manufacturer of the glass and VELUX.

VELUX America LLC offers the choice of laminated or tempered glass for the inside pane. 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. Types 04, 06, 08 and 10 glass are the standard laminated glass options. Type 05 glass is the only standard tempered glass option. Tempered glass does not contain an interlayer to hold the fragments together; instead, tempered glass is designed to break into small, pebble-like pieces. When tempered glass breaks, pieces of glass come loose and may strike an individual.

CONSULT LOCAL REGULATIONS AND/OR BUILDING MATERIAL CONSULTANTS TO DETERMINE WHICH TYPE OF GLASS IS RIGHT FOR YOU OR IF LAMINATED GLASS OR GLASS RETENTION SCREENING IS REQUIRED IN YOUR APPLICATION.

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Bringing light to life ™

VELUX®

The VELUX Group creates better living environments with daylight and fresh air through the roof. The VELUX product program contains a wide range of roof windows and skylights, along with solutions for flat roofs. The Group also supplies many types of decoration and sun screening, roller shutters, installation products, products for remote control for installation in roofs. The VELUX Group, which has manufacturing companies in 11 countries and sales companies in just under 40 countries, represents one of the strongest brands in the global building materials sector and its products are sold in most parts of the world. The VELUX Group has about 10,000 employees and is owned by VKR Holding A/S, a limited company wholly owned by foundations and family. For more details, visit velux.com.