



# ABBA SKYLIGHTS

RESIDENTIAL | INDUSTRIAL | COMMERCIAL | INSTITUTIONAL

*"A World of Skylight Options"*

**VELUX®**

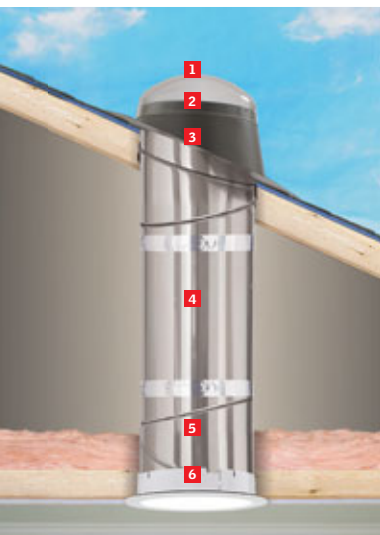


## Sun Tunnel Skylights

Brighter natural light and the easiest installation available

# Bring daylight to any area of your home

VELUX Sun Tunnel Skylights offer the quickest and most cost effective way to totally transform your home. The impact will be stunning.



**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 capture daylight and deliver it to the interior of your home without the need for complex construction.

## 1 UV resistant dome

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Clear seamless dome ensures water tightness allowing in the most light possible.



## 2 Adjustable pitch adapter

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Increases the ease of installation and enables more light to be captured by pivoting the tunnel opening toward the sun.



## 3 One-piece metal flashing

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One-piece seamless flashings provide maximum light capture with NO water penetration.



Pitched



Low profile



Curb mount



Flat glass

## 4 Rigid tunnel

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99% reflective, 24" sections assemble quickly with the Flexi Loc tunnel connection.



## Flexible tunnel

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Quickest method of tunnel installation. Seamless all-in-one elbow and tunnel system.

## 5 Adjustable elbows on ridged tunnel

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Universal, easy to rotate 45-degree elbow. Multiple elbows can be joined together to maneuver around any obstacle.



## 6 Pre-assembled ceiling ring

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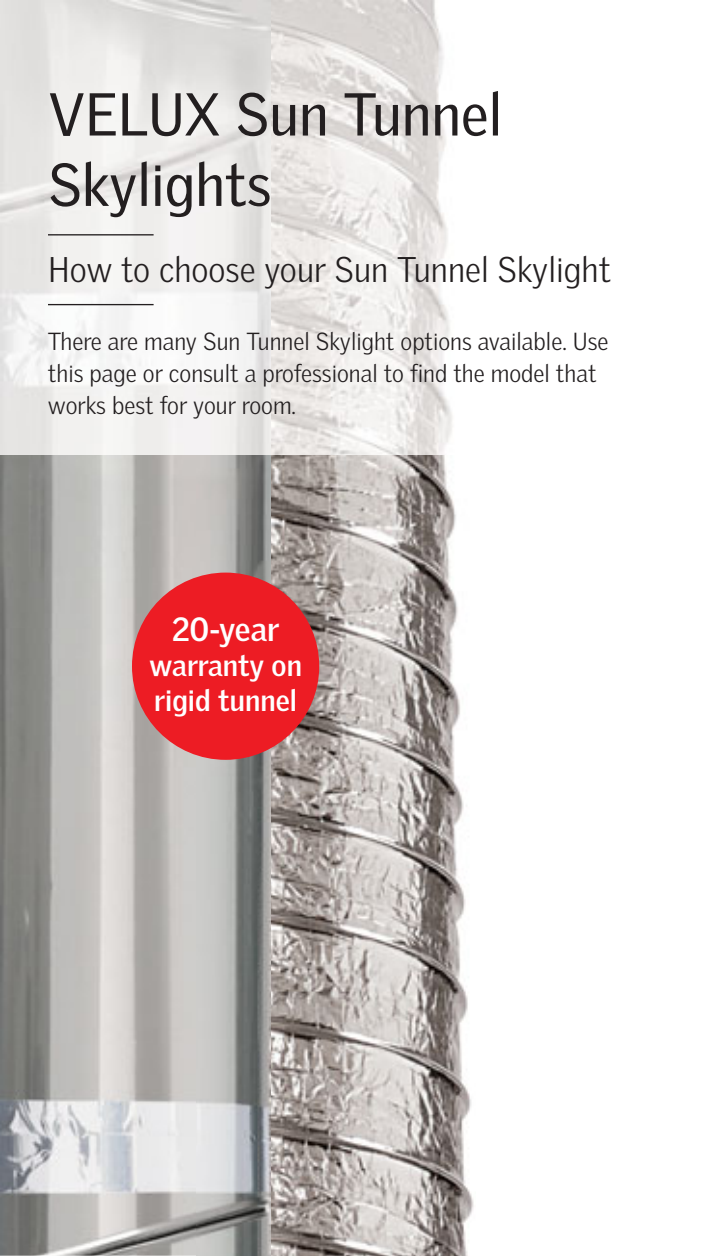
Frosted diffuser with multiple layers of energy efficient protection. Can be customized to meet your décor and style.



# VELUX Sun Tunnel Skylights

## How to choose your Sun Tunnel Skylight

There are many Sun Tunnel Skylight options available. Use this page or consult a professional to find the model that works best for your room.



**20-year  
warranty on  
rigid tunnel**

### **Rigid tunnels:**

- Brighter, whiter light
- Excellent for long runs
- Excellent for areas with less sunlight
- Flexi Loc tunnel system, cuts tunnel installation time in half

### **Flexible tunnels:**

- Excellent for ease and speed of install
- Easily bends around attic obstructions
- Great for sunny areas and short runs
- Helps diffuse the sunlight



14" & 22"  
Model TGF



10" & 14"  
Model TGR  
Model TGR EO\*

### Low profile metal flashing:

- Best for south, west, and east facing roofs
- Parallel to roof and designed to blend with roofline



14"  
Model TMF



10" & 14"  
Model TMR  
Model TMR EO\*

### Pitched metal flashing:

- Provides consistent light distribution throughout the day
- Provides straighter tunnel run through many different roof pitches



14"  
Model TLR

### Low profile flat glass: *(Available in 14" only)*

- Low profile glass design creates sleek appearance
- Perfect for developments where local ordinances do not allow acrylic domes on the roof



14"  
Model TCR  
Model TCR EO\*

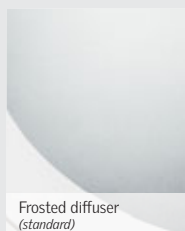
### Curb metal flashing:

- One-piece metal curb mounted flashing
- Ideal for low roof slopes and/or tile roofing applications

\*EO (Models that feature a quad diffuser)

Sun Tunnel Skylight models with EO and flexible Sun Tunnel Skylights are Energy Star certified.

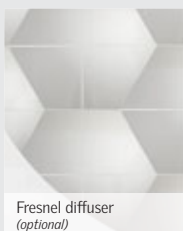
### Diffuser options



Frosted diffuser  
*(standard)*



Prismatic diffuser  
*(optional)*



Fresnel diffuser  
*(optional)*

# Accessories

## Sun Tunnel Skylight accessories

Ceiling level decorative  
diffusers (ZTB)



Compliments any décor.  
**Available in 10" and 14".**



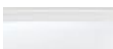
*Brushed nickel*  
ZTB 3021US



*Oil rubbed bronze*  
ZTB 3023US



*Polished brass*  
ZTB 3022US



*White*  
ZTB 3020US

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



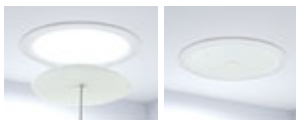
Variable positioning motorized  
daylight controller regulates  
amount of daylight entering a  
room. Ideal for bedrooms.

**Available in 14" for rigid tunnels.**



Power supply for  
control devices.

Blackout shade (ZTK)



White opaque fabric shade with  
thin metal supporting ring that  
manually blocks light.

**Available for the 10" and 14".**

Universal Electric Light Kit (ZTL)



Energy efficient tubular  
daylight compatible with  
26-watt CFL and LED bulbs.  
Installs easily within hard  
ceiling diffuser assemblies.

**GU24 bulb base required.**

**Available for all models.**

Diffusion enhancer (ZTZ 209)



A highly reflective, obscure  
6" band designed to diffuse  
direct sunlight.

Suspension wirekit (ZTZ 203)



12-gauge wire and fastener  
set to secure longer tunnel  
sections.

### Rigid tunnel (ZTR)

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24" tunnel sections produce the highest quality of daylight into the space below.

**Available in bulk quantities.**

### Energy kit (ZTC 0041US)

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Designed to increase the light diffusion and increase the energy efficiency of the standard Sun Tunnel Skylight.

**Kit is included in EO models.**

### Vapor barrier (ZTY)

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Molded, impermeable, thin vapor barrier sheet prevents moisture from penetrating ceiling opening. Recommended for new installations within cold climates.

### Elbows (ZTE)

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Durable, interchangeable 45° elbows that are 12" long and come in 3 distinct diameters. Multiple elbows can be joined together with rotating couplers.

### Pitched Tile Flashing (ZTM)

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Painted, malleable, aluminum sheet provides a water-tight flashing without the use of sealants.

**Available for the 10" and 14".**

### Rotating coupler (ZTZ 211)

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

# Product details

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## Rigid units include:

- Flashing complete with dome
- Two 12" elbows
- 24" extension
- Ceiling diffuser assembly complete with frosted diffuser

## Flexible units include:

- Flashing complete with dome
- 8' of tunnel for 14" units
- 8' of tunnel for 22" units
- Ceiling diffuser assembly complete with frosted diffuser

*Note: Additional tunnel available as needed*

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## Square footage recommendations:

- 10" Rigid (TGR/TMR) - up to 200 sq.ft.
- 14" Rigid (TGR/TMR/TLR/TCR) - 200 to 325 sq.ft.
- 14" Flex (TGF/TMF) - up to 150 sq.ft.
- 22" Flex (TGF) - 150 to 325 sq.ft.

*Note: These are all general guidelines. Sun angles, length of tunnel, roof orientation, tunnel straightness, and room consideration may affect this number.*

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## Maximum tunnel length recommendations:

- Rigid 10" is 20' and 14" is 30' (TGR/TMR/TLR/TCR)
- Flex 14" (TGF/TMF) is 8'
- Flex 22" (TGF) is 12'

*Note: Orientation of roof and straightness of tunnel are both important factors.*

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## Other options:

- Impact models (for hurricane prone areas)
- Commercial Sun Tunnel Skylights for school and industrial applications