

Product information

T-F Flexible Sun tunnels

for pitched roofs

TWF



TLF



Product description

- VELUX sun tunnels are complete installation kits with all necessary components for both exterior and interior connections
- Exterior rooflight module with
 - 4 mm toughened glass pane with easy-to-clean coating
 - integrated aluminium flashing
 - removable sash
- Two roof module types
 - **TWF** – for tiles up to 120mm
 - **TLF** – for slates up to 8mm
- Interior light diffuser unit with
 - frosted, two-layer light diffuser with EdgeGlow (removable inner pane for easy cleaning)
 - integrated ceiling trim ring
- For information on VELUX sun tunnels
 - TWR/TLR for pitched roofs with rigid tunnel
 - TCF for flat roofs with flexible tunnel
 see separate Product information sheets

Roof pitch

- Can be installed in roof pitches between 15° and 60°

Materials

- Toughened glass, exterior glass pane
- Aluminium, frame with integral flashing
- Plastic, sash
- Fibreglass yarn tunnel
- Polyethylene (PE) foil, vapour barrier collar
- Polycarbonate, interior light diffuser
- Plastic, integrated ceiling ring

Downloads

For installation instructions and CAD drawings, please visit www.velux.co.uk

Certifications

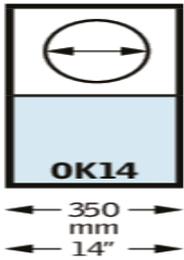


The VELUX product factories guarantee quality systems implementation process and environmental management systems through appropriate accreditations ISO 9001 and ISO 14001

EUTR In compliance with the EU Timber Regulation (EUTR), EU regulation 995/2010

REACH We are aware of the REACH regulation and acknowledge the obligations. No products are obliged to be registered in accordance to REACH and none of our products contain any Substances of Very High Concern.

Available sizes



VELUX flexible sun tunnels are available in one size:

- TWF & TLF is available in size OK14

Measurements are the tunnel diameters

About VELUX sun tunnels

VELUX sun tunnels **direct the natural light** captured from the sky, through the loft space and into rooms and corridors where installation of traditional VELUX roof windows is either not possible or not appropriate.

VELUX sun tunnels can **transform even the darkest places** that would normally have to do with artificial lighting **into bright and welcoming living areas.**

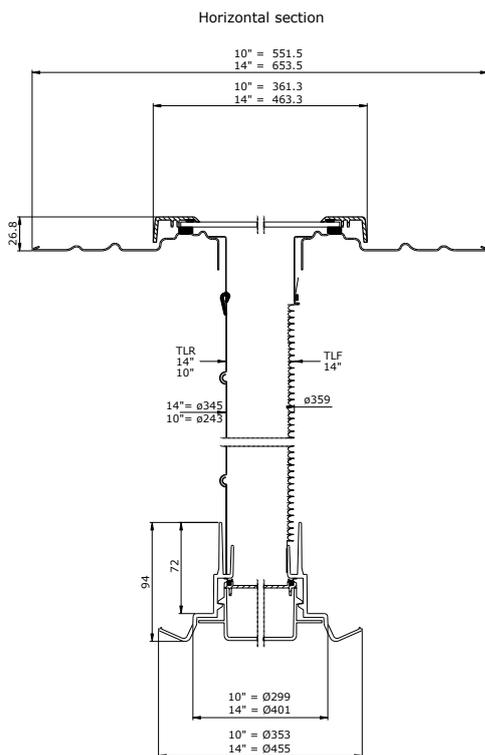
The reflective tunnel, flexible or rigid, leads the natural daylight from the rooflight module into the building. The design of the tunnel ensures an **exceptional reflection of the incoming daylight.**



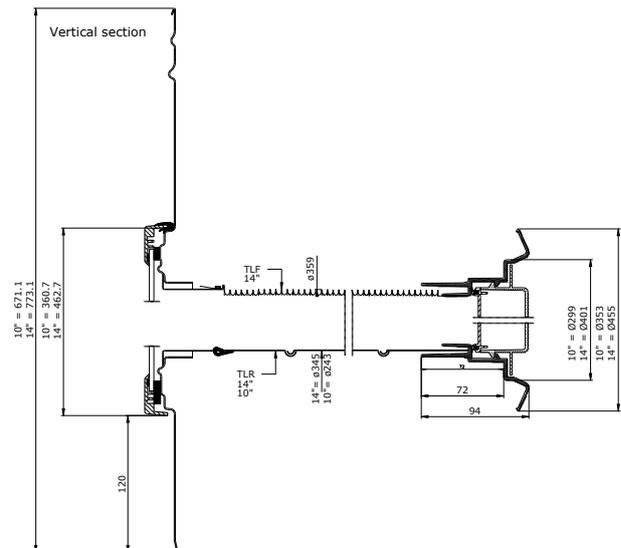
The **flexible** tunnel is ideal for distances between roof and ceiling from 0.4 to 1.5 m.

- flexible fibreglass
- high reflective coating
- tunnel diameter 350 mm

Horizontal section



Vertical section



Variants and sizes

	TWF	TLF
Sizes	0K14	0K14
Roof pitch	15°-60°	15°-60°
Roofing material	Profiled roofing materials up to 120mm	Flat roofing materials up to 8mm - slates, shingles, roofing felt
Exterior rooflight module	<ul style="list-style-type: none"> • Polyurethane frame with integral flashing, black <ul style="list-style-type: none"> • removable sash • 4 mm toughened glass • easy-to-clean coating (outside) 	<ul style="list-style-type: none"> • Lacquered aluminium frame with integral flashing, dark grey <ul style="list-style-type: none"> • removable sash • 4 mm toughened glass • easy-to-clean coating (outside)
Tube	<ul style="list-style-type: none"> • Flexible tube • fibreglass • high reflective coating 	<ul style="list-style-type: none"> • Flexible tube • Fibreglass • high reflective coating
Standard tunnel length	2.0 m	2.0 m
Length including tunnel extension sections ZTR	-	-
Interior light diffuser unit	<ul style="list-style-type: none"> • frosted, two-layer polycarbonate light diffuser <ul style="list-style-type: none"> • integrated ceiling ring, white 	<ul style="list-style-type: none"> • frosted, two-layer polycarbonate light diffuser <ul style="list-style-type: none"> • integrated ceiling ring, white

Visible features

T-F



1 Rooflight module
The square rooflight module is installed flush with the roofing material. The design matches VELUX roof windows. An easy-to-clean coating on the outside keeps the glass cleaner for longer.



2 Integrated flashing
The flashing is integrated with the rooflight module, which makes installation fast and simple.



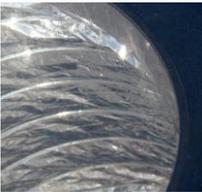
3 Ceiling ring
Seen from the inside, the sun tunnel ends in a frosted light diffuser discretely framed by a white ceiling ring.



4 Light diffuser with EdgeGlow
The discreet light diffuser is designed with EdgeGlow, a new ring of clear glass around the edge of the light diffuser that spreads the light better in the room and offers unique light effects.



5 Vapour barrier collar
Vapour barrier collar BBX is supplied with the sun tunnel to ensure a tight connection between the sun tunnel and the existing vapour barrier of the house.



6 Flexible tunnel
A high reflective coating along the interior of the flexible tunnel provides an excellent reflection rate.

Accessories



Ventilation outlet ZTV

Ventilation outlet ZTV is a supplement to an existing ventilation fan in the room.

Ventilation outlet ZTV

- can be installed in sun tunnels TWF only.



Light kit ZTL

Light kit ZTL turns the sun tunnel into a lamp when it is dark outside. Low energy LED technology provides dependable light for many years and slim line design minimises shadows on the diffuser pane.

Light kit ZTL

- can easily be fitted in both new and already installed sun tunnels
- is supplied with a 4W LED light bulb (corresponds to a 40W incandescent bulb)
- fits both rigid and flexible sun tunnels in sizes 0K10/0K14



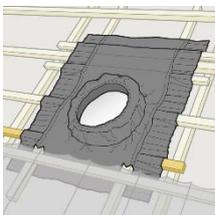
Low U-value kit ZTB

Low U-value kit ZTB 0K14 2002 lowers the U-value in a standard installation. When fitted, there is no visible difference between a sun tunnel with or without the low U-value kit. The same, discrete interior design is maintained.



Low U-value kit ZTB

- is very easily fitted - together with or after installation of the sun tunnel
- consists of two layers of acrylic glass and a gasket
- is available in size 0K14 only



Underfelt collar BFX

Underfelt collar BFX is a pleated collar made of diffusion open material that together with the supplied drainage gutter ensures a tight connection to the underfelt.

Note

We reserve the right to make technical changes.

For more information on sun tunnels T-F and other VELUX products, please visit www.velux.co.uk