

NEW VELUX Sun Tunnels

IMPROVED
Bushfire Rating
NOW BAL29
(TWR only)



Improved design reduces installation time

The NEW generation VELUX Sun Tunnel has been redesigned from the ground up with a wide range of improvements that make installation faster and easier. Tube assembly time is reduced and less time is spent in the roof cavity.

The VELUX flexible (TWF) and rigid (TWR) Sun Tunnels provide installation flexibility. Rigid tunnels deliver a straight shaft of light for when the roof is clear of obstructions. Flexible tunnels can be used when obstructions in the roof cavity prevent the use of rigid Sun Tunnels.

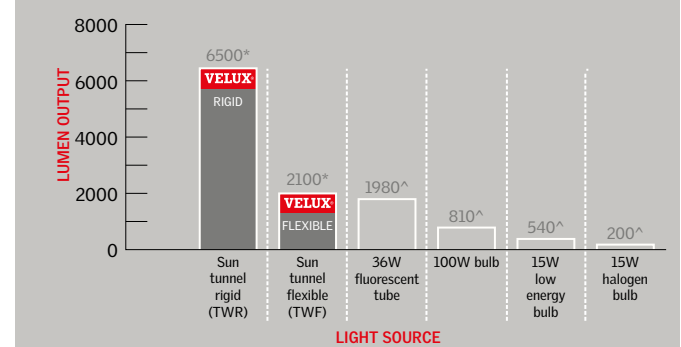
Non-vented, tubular shaft sun tunnel

VELUX Sun Tunnels are ideal for flooding natural light into small areas; such as corridors, hallways, walk-in wardrobes or spaces where it's not possible to install traditional skylights. Available with rigid shaft (TWR) or flexible tube (TWF), the unit comes with an outer skylight that sits flat on the roof. Internally a discrete white mounted ceiling diffuser with 'Edge Glow' technology spreads light evenly over an area of up to 9m².

VELUX also makes installation simple, regardless of your roofing type, we have Sun Tunnels for both Profiled and Shingle/Slate roofs. *Sun Tunnels are not suitable for roof pitches below 15°.



Light comparison chart



Light transmittance of VELUX Sun Tunnels depends on parameters such as sky conditions (cloudy/sunny), direction of sunlight, orientation and length of Sun Tunnel. VELUX Sun Tunnels in this chart have been tested with a 1 metre shaft, on a 15° roof pitch in summer, at noon on a sunny day using a photometer. (TWR rigid tunnel emits 440 lumens when measured on a cloudy winter's day).

^ The graph features 60% of total lumen value for these light sources – allowing for light absorption when mounted in a lamp or fixture. (Lumen values represent an average for Australian manufactured products).

Rigid Tunnel
TWR



Flexible Tunnel
TWF



Technical information

	TWR RIGID	TWF FLEXIBLE
Roof Skylight – 4mm toughened glass	✓	✓
Skylight frame dimension 460x460mm	✓	✓
Integrated flashing & apron for tiled and corrugated iron roofs	✓	✓
Installation pitch 15°– 60°	✓	✓
Shaft or tunnel diameter 350mm	✓	✓
Standard tunnel length	1.65 m	2.2 m
Extension kit ZTR OK14 (1.24m in length). Rigid only. Max tunnel length 6.0m	✓	-

Sun Tunnel packages come complete with:

- Choice of highly reflective rigid or flexible tunnel (350mm diameter, lengths vary).
- Dual-layered ceiling diffuser – spreads light over an area of up to 9m².
- New interior diffuser design with 'Edge Glow,' a clear ring on the diffuser's edge.
- Outer polyurethane cappings with integrated flashings for tiled/corrugated iron roofs.
- 'Stay clean' coating on glass exterior reduces cleaning frequency.
- 4mm toughened glass.

Technical performance

UV ray reduction	99%	99%
'Stay clean' coating reduces cleaning frequency	✓	✓
Bushfire (BAL 29)**	✓	-
7 year warranty	✓	✓

** Installation 18°-60°. TWR only.

All figures quoted are for complete Sun Tunnel.



Quicker assembly time

The new Flexi Loc™ system reduces tunnel assembly time significantly. The tunnel is easier to work with; it now gives room for movement and adjustment while providing installation stability by locking the pieces into place.



Less time spent in attic

New roof module with removable sash ensures quick and easy installation from the outside. Drop the light tunnel into place from the roof. There's little need to enter the attic or loft; the light tube is now easy to install in tight spaces where attic access is difficult.



Easy to install and clean

The VELUX Sun Tunnel is easier to install thanks to the threaded diffuser. When you're finished, simply screw the diffuser into place. And, as an added bonus, it's easier to clean as it can be unscrewed and cleaned as needed.

Construction

Easy to install, the skylight has an integrated polyurethane frame and flashing, together with flexible aluminium apron. Exterior colour: dark grey and black.

The flexible TWF can be used to circumvent obstructions in the roof cavity, while the TWR utilises two 45° elbows for most direct or angled 'line-of-sight' applications. Standard shaft lengths can be extended with the addition of the rigid extension kit ZTR OK14 (1240mm long).