For roofs below 15° pitch, skylights need to be raised to 15° and custom flashed. VELUX can assist with technical advice and drawings.

(NB: build-up not recommended in Bushfire areas.)

Quality frame made from Ponderosa pine. Factory treated with a base paint and preservative to reduce mould and mildew. Further treated with paint (2 coats) for a clean white interior finish.

High Performance Double Glazing

Outer – 3mm toughened Low-E coated Cardinal glass.
Cavity – 9mm sealed Argon gas space.
Inner – 5.36mm clear laminated Cardinal glass (0.76 PVB inter layer).
NEAT™ Coating on outer pane reduces cleaning frequency.
Warm edge technology increases energy efficiency.

Benefits:
• Radiant heat block: Complete window approx 80% Glass only approx 70%
• UV Harmful rays block all\(^\text{a}\) approx 99%
• Double layer of Low-E coating.
• 10 year warranty on insulated glass seal.
• Reduced cleaning frequency.

Visibility & Safety

Maximum 5 stars

Energy rating

<table>
<thead>
<tr>
<th>VS Skylights</th>
<th>Energy Rating</th>
<th>WERS rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Complete skylight</td>
<td>0.21</td>
<td>5 stars</td>
</tr>
<tr>
<td>Glass only</td>
<td>0.28</td>
<td></td>
</tr>
</tbody>
</table>

Solar Heat Gain Co-efficient

<table>
<thead>
<tr>
<th>VS Skylights</th>
<th>Solar Heat Gain Co-efficient</th>
</tr>
</thead>
<tbody>
<tr>
<td>Complete skylight</td>
<td>0.48</td>
</tr>
<tr>
<td>Glass only</td>
<td>0.48</td>
</tr>
</tbody>
</table>

Visible Light Transmittance

Complete skylight 0.29

Luminous Efficacy (Ke = VT/SHGC)

Complete skylight 0.29

Acoustic performance

Complete skylight 32dB

Technical Values

<table>
<thead>
<tr>
<th>VS Skylights</th>
<th>Technical Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>Complete skylight</td>
<td>2.50</td>
</tr>
<tr>
<td>Glass only</td>
<td>1.93</td>
</tr>
</tbody>
</table>

10 YEAR WARRANTY on skylights, flashings and glazing

3 YEAR WARRANTY on blinds and accessories

Australia

Commences. Skylight assessed in closed position.

‡ ASTM E822-2009 standard practice for determining resistance of Solar Collector Covers to Hail impact with propelled ice balls.

Figures generated by AFRC accredited simulators. Figures based on complete skylight: nominal size 1140mm (W) x 1180mm (H).
Choice of solar powered blinds

The thermal performance of VS Skylights can be enhanced with the inclusion of a blind. Different levels of light and heat control are available by using either Blockout or Honeycomb blinds. Tailor-made to fit perfectly to each size of skylight, they are easy to install and are supplied with aluminium side channels allowing blinds to be positioned at any point on the skylight.

**Blockout blinds**

- Provides blockout from light.
- Colour: White on internal side. Silver coating on external side.
- Materials: Light-tight polyester with heat resistant coating. Aluminium side channels and top cover.
- Reduce light by approx 100%.
- Reduce heat by approx 40%^.
- Easy to fit using VELUX Pick & Click™ system.
- Operated by wireless wall-mounted keypad (provided).

**Honeycomb blinds**

- Adds a decorative effect.
- Colour: White on both sides.
- Materials: Double layered pleats (polyester) form a ‘honeycomb’ structure. Inner faces of honeycomb structure have aluminium coating.
- Reduce light by up to 95%.
- Reduce heat by approx 60%^.
- Easy to fit using VELUX Pick & Click™ system.
- Operated by wireless wall-mounted keypad (provided).

Blinds sold separately.

NB: NEW VELUX blinds and flashings do not fit older VELUX products. Contact VELUX to check availability of suitable blinds and flashings.

### Choice of flashing

**EDW flashing**

EDW flashing is used for skylights installed into tiled roofs and low profiled metal roofs (such as corrugated iron and spandek - not suitable for metal profiles such as Klip-Lok, Trimdek).

**EDL flashing**

EDL flashing is used for skylights installed into slate or shingle roofs – typically 4-8mm thick. ‘L’ shaped sections are provided that act as soaker pieces on either side of the skylight.

**EKW combination flashing**

Designed for installing multiple skylights side-by-side or above-below. Skylights must be spaced 100mm apart. EKW suitable for same roofs as EDW flashing.

NB: For roofs below 15° pitch, skylights need to be raised to 15° and custom flashed. VELUX can assist with technical advice and drawings. (NB: build-up not recommended in Bushfire areas.).

### VS – frame and glazing dimensions

<table>
<thead>
<tr>
<th>Product/size code</th>
<th>CO1</th>
<th>CO4</th>
<th>CO6</th>
<th>CO8</th>
<th>M04</th>
<th>M06</th>
<th>M08</th>
<th>S01</th>
<th>S06</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall frame size w×h – mm</td>
<td>550×700</td>
<td>550×980</td>
<td>550×1180</td>
<td>550×1400</td>
<td>780×980</td>
<td>780×1180</td>
<td>780×1400</td>
<td>1140×700</td>
<td>1140×1180</td>
</tr>
<tr>
<td>Internal glass size w×h – mm</td>
<td>407×519</td>
<td>407×799</td>
<td>407×999</td>
<td>407×1219</td>
<td>637×799</td>
<td>637×999</td>
<td>637×1219</td>
<td>997×519</td>
<td>997×999</td>
</tr>
<tr>
<td>Daylight area (M²)</td>
<td>0.21</td>
<td>0.33</td>
<td>0.41</td>
<td>0.50</td>
<td>0.51</td>
<td>0.64</td>
<td>0.78</td>
<td>0.52</td>
<td>1.00</td>
</tr>
<tr>
<td>Ventilation area (M²)</td>
<td>0.24</td>
<td>0.33</td>
<td>0.38</td>
<td>0.44</td>
<td>0.39</td>
<td>0.44</td>
<td>0.49</td>
<td>0.40</td>
<td>0.54</td>
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<tr>
<td>Weight in kg*</td>
<td>20.2</td>
<td>24.5</td>
<td>29.3</td>
<td>31.7</td>
<td>31.4</td>
<td>35.2</td>
<td>39.4</td>
<td>35.9</td>
<td>48.1</td>
</tr>
</tbody>
</table>

Skylights can only be installed as per orientation depicted above.


* Weight includes flashing.

^ Based on VELUX internal testing with 3076 model Roof Window.