



Skyvision Flat Roof Glass Skylight

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Detailed description

Rooflight for flat roofs, constructed from glass, wood and aluminium.

Features and benefits:

- Clean, aesthetic design.
- Frameless panels ensure maximum light penetration into rooms without obtrusive framing blocking light from beneath.
- High thermal insulation and air-tightness, and optimum noise reduction.
- Comes complete with kerb for installation onto flat and shallow pitched roofs.
- Opened by a chain motor which is integrated and concealed in the kerb.
- Complete with 115 mm silk-screen printing along the edge for UV protection on the sealing.
- Ten-year overall warranty, with a two-year warranty for opening mechanisms.

Can be installed on flat roof slopes from 0–30°, but a minimum of 4° is recommended.

CE marked in accordance with BS EN 14351-1, and tested according to CWCT TN66/67, Impact Testing.

Product guidance - As Standard

Glass:

- Standard glass (for circular, comfort, fixed and linear):

- 32 mm, two-layer low emissivity.
- Inner glass: 8.8 mm clear laminated glass.
- Outer glass: 8 mm clear toughened glass, with 16 mm Argon-fill aluminium spacer.

- Ecoline glass:

- 32 mm, three-layer extra low emissivity.
- Inner glass: 8.8 mm clear laminated premium low emissivity.
- Outer glass: 6 mm clear toughened glass, 6 mm krypton spacer, 4 mm clear toughened premium glass, 8 mm krypton spacer.

- Walk-On glass:

- Two-layer low emissivity.
- 16 mm glass insulation, 0.76 mm Polyvinyl butyral, 4 mm laminate

VELUX Commercial



VELUX Commercial

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annealed float glass.

Thermal transmittance (U-value):

All U-values are calculated in 0 degrees roof pitch, based on the external surface area of 3.72 m².

- Fixed, Comfort, Access, Linear and Circular (complete rooflight): 0.97 W/m²K.
- Fixed, Comfort, Access, Linear and Circular: glass up to 2 m²: 1.1 W/m²K; glass up to 4 m²: 1.3 W/m²K.
- Ecoline (complete rooflight): 0.65 W/m²K.
- Walk-on (complete rooflight): 1.06 W/m²K.
- Walk-on (glass): 1.3 W/m²K.

Options

Size:

- Access: 245 mm high upstand, maximum clear internal area of 1 m².
- Circular: 900–1350 mm (diameter), maximum clear internal area of 1.43 m².
- Comfort: 600–3000 mm, maximum clear internal area of 4 m².
- Ecoline: 300–2000 mm, maximum clear internal area of 2 m².
- Fixed: 250–3000 mm, maximum clear internal area of 4 m².
- Linear: 250–2900 mm, maximum clear internal area of 2.8 m².
- Walk-on: 250–2000 mm, maximum clear internal area of 2 m².

Panel size depends on pitch and other static conditions, consult manufacturer for information.

Panel colour/ finish:

Other colours are available. Consult manufacturer for information.

Product specification

Manufacturer

- Name: VELUX Commercial
- Web: www.veluxcommercial.co.uk
- Email: veluxcommercial@velux.co.uk
- Tel: +44 (0) 1592 778916
- Address: Woodside Way, Glenrothes, Fife KY7 4ND

Product reference Skyvision access - Used for ventilation. Can be programmed for partwise opening. The hidden motors are approved in accordance with EN 12101-2, and open within 60 seconds with a snow load of 800



N/m². Opens up in an angle of 75°.
Skyvision circular - Circular top plate fitted with gaskets. To be placed on the top of an upstand. Double glazed. Kerb not supplied.
Skyvision comfort (opening) - Modular. Tested according to CWCT TN66/67 for impact resistance. Double glazed. Chain stroke length: 300 mm.
Skyvision ecoline - Energy efficient, with robust and highly insulated triple glazing.
Skyvision fixed - Modular. Tested according to CWCT TN66/67 for impact resistance. Double glazed. Non-venting variant; a solution for when natural light and performance are vital.
Skyvision linear - Double glazed, for fitting roof light sections together without the need for additional structure. Has a unique drainage system.
Skyvision walk-on - Suitable for situations that require foot traffic, with 52 mm double glazed units to support loads up to 500 kg/m².

Size

- Panel []

- Kerb []

Glazing

Sunguard SN70/37 - Thermal transmittance (U-value): 1.0 W/m²K; light transmission: 68.9; solar factor: 37.5.
Sunguard SNX60/28 - Thermal transmittance (U-value): 1.0 W/m²K; light transmission: 58.8; solar factor: 28.2.

Panel colour/ finish

Dark grey, RAL 7043

Accessories

[Not required]
[Rain/ wind sensors] - For Skyvision comfort only.