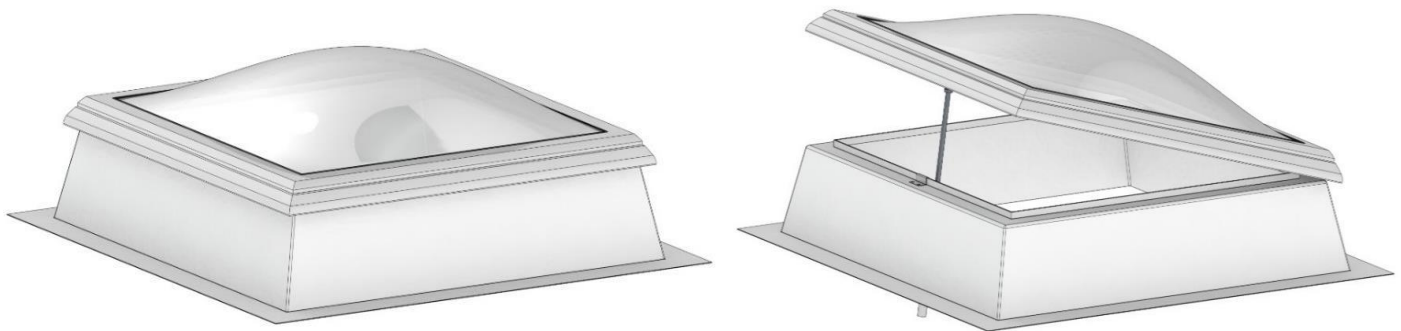


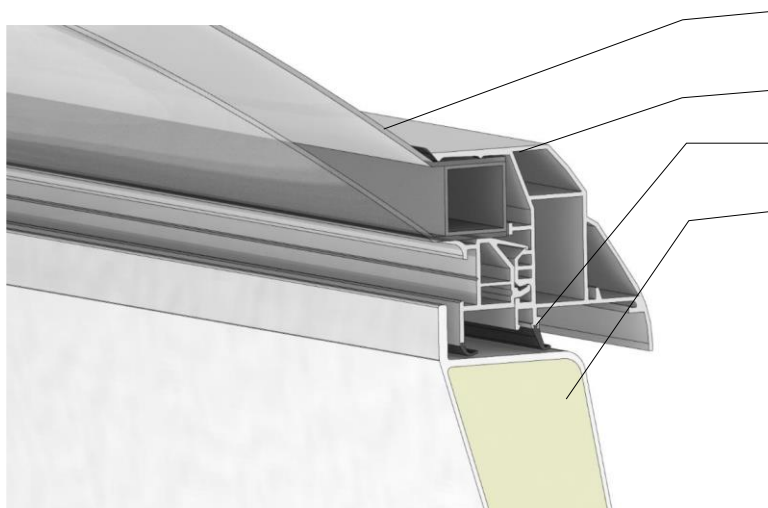
LAMILUX Rooflight F100.

Technical data sheet.



The Rooflight F100 offers a classic, cost effective design without compromising on the high levels of wind and rain resistance, air tightness values and enhanced isothermal characteristics you expect with all LAMILUX products. Suitable for natural daylight, daily ventilation, and optionally available as a smoke vent, the Rooflight F100 is an ideal addition for flat roof commercial or industrial building projects, and School new builds increasing daylight transmission into the building with the 90mm splay on the kerbs compared to traditional vertical timber kerbs.

Materials.



Glazing: Impact resistant polyethylene (PETG) domed glazing


























Frame: Thermally broken White PVC (RAL 9016)


























Multi layered airtight double sealing system

Upstand: Thermally insulated GRP with seamless silk-white interior finish (RAL 9016)

Dimensions.

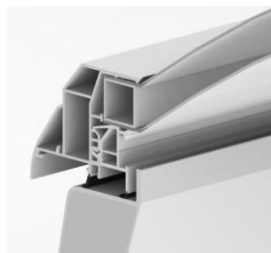


Structural roof opening size (mm)	Hinge side	Lighting area (m ²)
500 x 1000		0.26
500 x 1500		0.42
600 x 600		0.18
600 x 900		0.30
600 x 1200		0.43
700 x 1350		0.61
800 x 800		0.38
800 x 1500		0.82
900 x 900		0.52
900 x 1200		0.73
900 x 1450		1.08
1000 x 1000		0.67
1000 x 1500		1.08
1000 x 2000		1.49
1000 x 2400		1.82
1000 x 2500		1.90
1000 x 3000		2.31
1200 x 1200		1.04
1200 x 1500		1.35
1200 x 1800		1.65
1200 x 2400		2.26
1200 x 2500		2.37
1200 x 2700		2.57
1200 x 3000		2.88
1250 x 1250		1.15

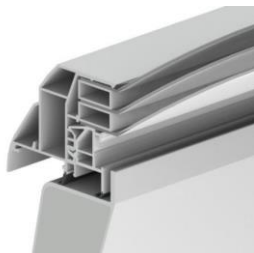
Structural roof opening size (mm)	Hinge side	Lighting area (m ²)
1250 x 2500		2.48
1350 x 2300		2.48
1400 x 1400		1.49
1500 x 1500		1.74
1500 x 1800		2.14
1500 x 2000		2.40
1500 x 2100		2.53
1500 x 2400		2.93
1500 x 2500		3.06
1500 x 2700		3.33
1500 x 3000		3.72
1800 x 1800		2.62
1800 x 2100		3.11
1800 x 2400		3.60
1800 x 2500		3.75
1800 x 2700		4.08
1800 x 3000		4.57
1800 x 3200		4.89
2000 x 2000		3.31
2000 x 2500		4.22
2000 x 3500		6.04
2250 x 2250		4.28
2500 x 2500		5.38
250 x 2700		5.85
3000 x 3000		7.95

Upper part.

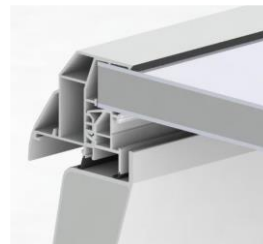
Glazing: Impact resistant polyethylene (PETG) domed glazing is available as clear or opal.



Double glazed



Triple glazed



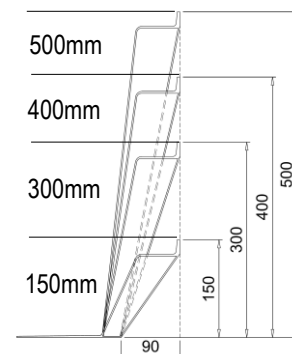
Solid insulated panel
Suitable for hatches with no daylight requirements

Type	Glazing outside	Glazing centre	Glazing inside	Light Transmission	Total energy transmittance	Sound insulation value $R_{w,p}$	Heat transition U_t (W/m ² K)
Double glazed - standard	opal	-	clear	66%	0.66	24dB	2.6
	clear	-	clear	77%	0.77	24dB	2.6
Triple glazed - standard	opal	clear	clear	58%	0.58	-	1.9
	clear	clear	clear	68%	0.68	-	1.9
Solid insulated panel	GRP	Jackodur	GRP			22dB	0.9

Upstand.

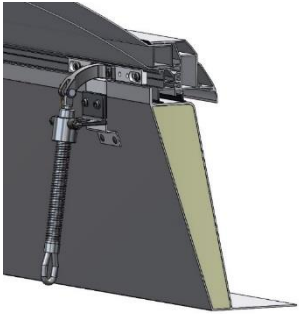
Upstand is delivered pre-assembled to the upper part for quick and easy site installation.

Standard upstand in a choice of heights: 150mm / 300mm / 400mm / 500mm.

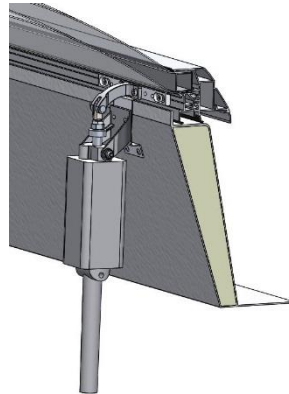


Ventilation details.

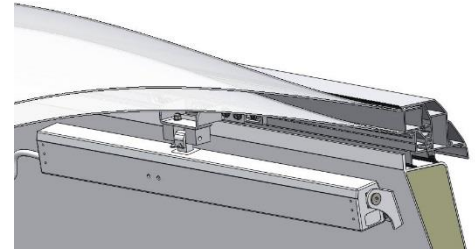
Manual opener



Spindle opener
24v / 230v

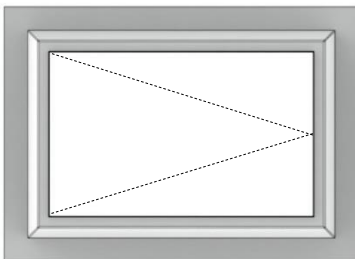


Chain drive
24v / 230v

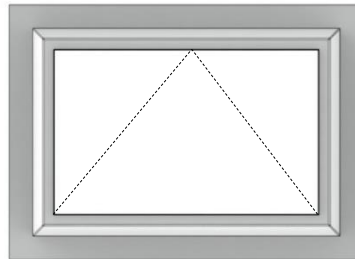


Hinge side. (See page 2.)

Hinged on the short side



Hinged on the long side



Performance.

For full product performance specification available on request.

- CE marked quality according to EN 1873.
- Life Cycle Assessment (LCA) to EN 15804.
- Airtight to Class 4, EN 12207.
- Water tightness to Class 4 according to BS EN 12208.
- Wind Load to Class C4, EN 12210.
- ACR[M] Class B Non-fragile
- Thermally broken: 10° isothermal line remains within the structure (see diagram)

Isothermal line diagram





Delivery, packing and storage.

All deliveries, unless otherwise agreed in writing, are by road transport and subject to our standard delivery terms, which are available within the document: 'Company overview and standard delivery and installation terms.' Off-loading is the responsibility of the buyer. Details of packing and safe storage are also included in this document.

Interface and fitting.

Installation service, available on request. Subject to our standard installation terms, which are available within the document: 'Company overview and standard delivery and installation terms.' Installation guide available, please contact LAMILUX UK. Flat roofing membrane or roof covering to be sealed up the upstand by others to complete the weathertight assembly. Please call to discuss contract/site specific install requirements.



The right to make technical changes is reserved.

The specified technical values may differ slightly in individual cases.

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