



Technical Data Sheet

Pyramid and Lantern Rooflight

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Name: Pyramid and Lantern

Type: Fixed 45° pyramid rooflight

Description:

The Square Pyramid, the Octagonal Pyramid and the Elongated Pyramid are fixed products designed to provide maximum daylight with minimum visible internal structure.

A variety of optional extras such as trickle vents, a downlighter (square and octagonal units only), special colour and easy clean coating are available.

This product is robust and long-lasting, boasting excellent thermal performance and air tightness.

Intended Use: Fixed rooflight to provide natural daylight and weather resistance. The product is fixed and does not open.

External Weathered Upstand Dimensions of Square Pyramid:	Min Span/Width:	600 mm	Max Span/Width:	1500 mm
	Min Upstand Pitch:	0°	Max Upstand Pitch:	0°

External Weathered Upstand Dimensions of Octagonal Pyramid:	Min Span/Width (across flats):	800 mm	Max Span/Width (across flats):	2000 mm
	Min Upstand Pitch:	0°	Max Upstand Pitch:	0°

External Weathered Upstand Dimensions of Elongated Pyramid	Min Span:	600 mm	Max Span:	1500 mm
	Min Width:	650 mm	Max Width:	2500 mm
	Min Upstand Pitch:	0°	Max Upstand Pitch:	0°

Note that the minimum and maximum span and width are dependent on various factors, your technical sales advisor will be happy to advise on these. Further information on upstand requirements and product dimensions can be found on our website or by contacting your technical sales advisor.

Glazing: A wide variety of glazing specifications are available for this product. Your technical sales advisor will be happy to answer any questions regarding specific glass specifications or glazing performance requirements. Otherwise, quotes include suitable and cost effective glazing proposals.

Standard Colours: Qualicoat approved RAL 7015 slate grey outer, RAL 9010 pure white inner.

Performance and Weathertightness:

The product comprises thermally broken aluminium sections consisting of polyamide thermal breaks and closed cell PIR insulation thermally isolating the inner and outer frame sections. Structural integrity is assured through the use of finite element analysis (FEA) and testing.

U-values are calculated for each product and will be supplied in our quote. Further information and specific performance details can be obtained from your technical sales advisor.

The product is sealed to the upstand using silicone and fixed in place with structural fixings which are concealed by a clip-on cover leaving a sleek external finish.

The product has been thoroughly tested.

Security and Certification:

This product is designed with security as a priority. This product is tested to LPS2081 Issue 1:2015. It is approved by the Loss Prevention Certification Board (Cert/LPCB ref: 1347a) and Secured by Design:

Secure (Security Rating A)

The inner pane must be at least 8.8 mm PVB laminated glass (two 4 mm thick panes separated by an 0.8 mm thick PVB interlayer).

Optional Extras:

The following optional extras are available for this standard product at additional cost:

Easy Clean Coating:

A coating applied to the external face of the glass that facilitates water run-off. Helps the glass stay cleaner for longer and makes cleaning easier.

Special Colour(s):

This product has separate inner and outer colours as standard. Each can be swapped for a special colour.

Trickle Vents:

Manually operated trickle vents set unobtrusively into the frame of the product.

Downlighter:

A low voltage LED light fitted into the underside of the apex cap. This is available on the square and octagonal units only.

Upstand Top Trim:

Cover designed to mask the top of upstands which may be visible through glass when viewed from above. Includes detail to recess standard plasterboard.

A suite of sales drawings is available.

Bespoke options may be available upon request but may incur additional design fees – contact your technical sales advisor for more information.