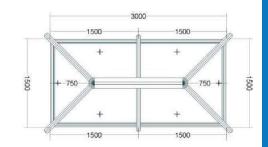


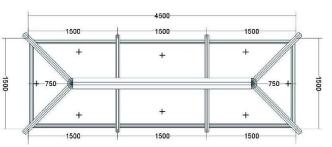
Stratus Lantern Roof - Design Guide

The guidelines for designing Stratus Lantern Roofs are as follows:

- 1. Fixed pitch of 20° to all sides.
- 2. All external caps are aluminium in either White or Grey finish (internal is always White or Grey PVC-U).
- 3. 24mm glazing only.
- 4. Maximum and standard rafter spacing is 1500mm with a 31mm clearance required where glazing bar meets the radius end (see layout 2x4, symbol *).
- 5. No jack rafters.
- 6. Minimum ridge length is 140mm.
- 7. Maximum sizes will depend on rafter layout as shown.
- 8. Sizes relate to external face of timber support as indicated by the blue arrow shown below.
- 9. No tie bars.
- 10. Roof Vents available (min 500mm x 500mm). Minimum lantern size 1390mm x 1975mm.
- 11. Default loading evaluation based on 0.6kN/m². All maximum bar spacing and layouts based on 0.6kN/m². For greater snow loading contact Technical.
- 12. Glass with at least 1.2 U-value can be used on most sizes of Stratus Lantern. Lanterns with less than 0.6m projection will require 1.0 U-value glass. Please refer to the Thermal Design Guide in Udesign for a confirmed U-value of each product.



Layout: 1 x 2 MAX 1500mm x 3000mm



Layout: 1 x 3 MAX 1500mm x 4500mm

1500

