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Support Services

Conservation rooflight

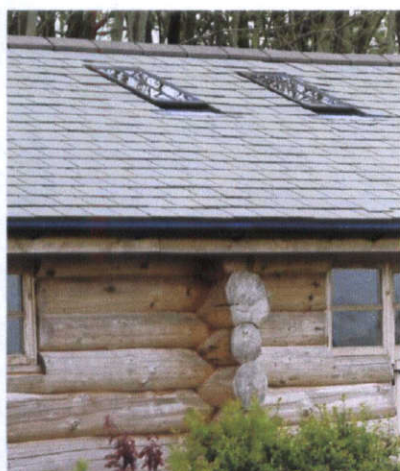


The rooflight is an ingenious concept that introduces natural light into a building discretely but effectively. They provide an even distribution of light to large low-level structures and can illuminate the dark areas in a room that windows could never reach. It's uncanny that rooflights now provide an ideal design solution for introducing light as this was the Victorians original intention. Rooflights, in their most primitive form were a popular way to introduce light into agricultural buildings during the 18th century.

On older or Listed buildings and those located in designated conservation areas; using a conservation rooflight should be considered. These rooflights do not project beyond the roofline, unlike conventional rooflights and usually incorporate more slender frames, as well as additional central glazing bars. The size of rooflight should be kept as small as possible, whilst bearing in mind Building Regulation requirements for natural day lighting and ventilation. This is especially important on more visible roof slopes.



We also offer the Lumen Conservation rooflight in bespoke sizes and designs. Conservation organisations stipulate that the minimum amount of framework should be visible and this requirement becomes even more significant when rooflights are placed next to each other.



All our roof windows are designed and made here in the UK, and we have established partnerships with a range of trusted companies, such as Pilkington, who bring their own expertise to all our products. We take care to ensure that our roof windows look great and will continue to perform brilliantly for many years. As well as the standard range we offer the Conservation rooflight in bespoke sizes and a link light version to increase the amount of light into your room. We manufacture a capping section for the Conservation version that offers the possibility of linking the 12

standard sizes side by side for an unlimited number of rooflights in a row. It is also possible to link the LR04 and LR05 rooflights together as the heights are the same. We do not recommend installation of Lumen rooflights directly above each other. Please note that although the linking of standard size rooflights offers the benefit of next day delivery and a lower cost than a bespoke option, the profile will produce an internal gap of 179mm between each rooflight. This will require a supporting rafter and would usually be covered by plasterboard.

Lumen Conservation rooflights are supplied with Pilkington glazing, real wood interior liners and brass winding mechanisms. All our products and components are British made. Visit the Products page on our website or scan the QR code below for current specifications, options and prices.



Lumen Conservation stock sizes

Item Code	Clear Viewable w x h mm	Internal Rafter w x h mm	Overall Size w x h mm
LR01	343 x 461	413 x 521	593 x 753
LR02	420 x 578	490 x 638	670 x 870
LR03	420 x 729	490 x 789	670 x 1021
LR04	570 x 877	640 x 937	820 x 1169
LR05	724 x 877	794 x 937	974 x 1169
LR06	876 x 1189	946 x 1249	1126 x 1481
LR07	526 x 1398	596 x 1458	776 x 1690
LR08	1126 x 498	1196 x 558	1376 x 790
LR09	287 x 773	357 x 833	537 x 1065
LR10	570 x 1138	640 x 1198	820 x 1430
LR11	343 x 729	413 x 789	593 x 1021
LR12	1231 x 850	1301 x 910	1481 x 1124

Quantity discounts are available, please call 0330 300 1090 to discuss your project.





Sizes explained:

Clear Viewable – The finished size of the rooflight defined by the internal size of the rooflight liner. This is the dimension you look through once the installation is completed.

Internal Rafter – The most commonly used size for installation is the 'Internal Rafter' dimension. The width dimensions are critical as the fixing lugs are located on the sides of the rooflight.

Quite often the installation involves the plasterboard being boxed around the rooflight. However in certain applications the winder may snag on the plasterboard at the bottom of the rooflight thus reducing the distance the winder can open the casement. If your rafters are particularly deep and this is likely to happen, it might be necessary to fit the bottom section of plasterboard at an angle. A tolerance for this should be allowed prior to the internal works being completed.

Overall Size – This is the size of the complete rooflight. Please remember that much of the outer frame is covered by your slates or tiles, leaving an unobtrusive low profile rooflight in your roof.

All our stock sized rooflights are opening as standard. Whilst it is possible to fix these on a permanent basis, the product design remains the same. This will mean that the handle plate at the bottom of the rooflight will remain in place. It is possible for us to remove the handle plate on fixed rooflights for a small charge. This will usually add around 4-5 days to the delivery time. It is essential that you tell us at the point of order as we cannot remove the handle plate after this time. Any changes will be noted on your order paperwork and invoice. If you have requested that the handle plate is removed and this does not appear on your invoice, please contact us immediately on 0330 300 1090.

With all of our standard conservation rooflights it is possible to detach the winding mechanism from the opening casement. In situations where an escape rooflight is specified we manufacture the LR04 with preset Nitro Struts. Our conservation escape version is top hung to ensure a matching profile when used alongside our standard range. As with all our opening casements the escape rooflights can be used on a daily basis with our winding mechanisms. We have decided to use a top hung version as these are less susceptible to light rain than

side hung rooflights. The LR04 escape can be used in the same roof pitch as our standard conservation product.

Regular access

If you wish to use the rooflight for regular assisted access, we can supply struts with a reduced capacity to assist with the opening and closing. Using a lower rated strut will render the rooflight unacceptable for escape purpose and the item must not be used as such. Please tell our team at point of order whether you require the rooflight for escape or access purposes.

Safety

For additional safety our Lumen LR04 escape rooflight utilises Econoloc gas springs. These positively lock when fully extended, protecting the operator from potential injury in the unlikely event of gas spring failure through overload or misuse. When the gas spring is fully extended a spring loaded locking shroud moves into place, preventing the gas spring from compressing.

Call us on 0330 300 1090 to discuss your requirements.

Winding mechanism and release pin

Supplied for daily use of the window as we do not recommend using the gas struts for regular opening. When activated the struts will hold the opening casement open to allow access to the roof.



For further information concerning access and escape options please visit the Products/Enhancements section on our website.

10 | 11



The bright choice