

# THE ORIGINAL CONSERVATION ROOFLIGHT



The Conservation Rooflight is the original low profile skylight, combining the highest modern performance standards with an authentic traditional appearance. Favoured by English Heritage, the National Trust and Planning / Conservation Officers, it is available in a wide range of sizes, along with a Bespoke Design Service.

| Performance characteristic:                                      | Test Method:               | Classification:           |
|------------------------------------------------------------------|----------------------------|---------------------------|
| Air permeability                                                 | EN 1026                    | Class 4                   |
| Watertightness                                                   | EN 1027                    | Class E1050               |
| <sup>1</sup> Thermal transmittance of window (Uw) EN ISO 10077-2 |                            | 1.4 W/m²K                 |
| <sup>1</sup> Thermal transmittance of glass (Ug) EN 673          |                            | 1.0 W/m²K                 |
| Solar energy transmittance EN 410                                |                            | 0.53 (53%)                |
| Light transmittance EN 410                                       |                            | 0.71 (71%)                |
| Resistance to wind load                                          | EN 12211                   | Class 5                   |
| <sup>2</sup> Resistance to snow load                             | Infill details             | 4HT (16 ARGON 90) 4HT     |
| Acoustic Value of Glazing (Rw)                                   | EN 12758                   | 31 (-1; -4) dB            |
| Insulated glazing units                                          | EN 1279-2, EN 1279-3       | BSI Kitemarked (KM 93754) |
| Structurally bonded glazing bars                                 | 90 degree peel, 300 mm/min | 50.2 N/cm                 |
| Corrosion protection                                             | EN ISO 12944               | C5-M Long                 |

Manufactured under a quality management system independently certified by LPCB to ISO 9001 (certificate no. 929). The original Conservation Rooflight is conformity marked in accordance with harmonised product standard EN 14351-1 (Windows & Doors). For a full NBS specification please scan the QR code at the top of this page or view on our website.

<sup>1</sup> Thermal transmittance values calculated in the vertical plane.

<sup>2</sup> 4mm Clear Toughened Outer (16mm Argon Cavity) 4mm Low e Toughened Inner



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The Conservation Rooflight enables our customers to transform properties with natural lighting from above that not only serves their practical needs but enhances the design and beauty of the building.



Employee owned and a certified B-Corp organisation, we are committed to improving the standards of our products for our people and the local community and to reducing our impact on the environment.

We are The Rooflight Co. The premium rooflight manufacturer for properties of architectural significance.

— THE —  
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## A TRULY AUTHENTIC ROOFLIGHT:

When it comes to the finer details of a Conservation Rooflight, there are several features that must be included to ensure the true characteristics of the original Victorian roof windows are protected. Whilst most features such as **being top hung** with **exposed hinges**, having **glazing bars** and a **flush finish** are more well known, there are more intricate details that make a truly authentic Conservation Rooflight. These include the following three vital elements.

- o **A single glazed appearance** – the original Victorian rooflight was only available with a single pane of glass using a 1" overlap at the cill. With modern thermal performance requirements, double glazed units are now essential to support the protection of our environment and conserve energy. We achieve this through a 25mm stepped glazing edge to the double glazing. Not a millimetre more, not a millimetre less.

- o **Glazing clips** – In the Victorian era, a single pane of glass was held in place with putty and clips. Whilst modern technology ensures our glazing units today are secured firmly in place, we still retain the use of glazing clips at the cill of the rooflight to reference back to that original design feature. The visual is further enhanced through a hand-applied perimeter application of silicone which mirrors the putty of old.

- o **Fine lines** – Due to the manufacturing capabilities of the 1800s, the original cast iron framework was minimal. In the 21st century, thermally efficient rooflights require a thermally de-coupled frame structure to minimise heat loss. Our Design Engineers have developed the perfect balance, achieving the much-desired authentic fine lines, whilst simultaneously and consistently delivering Building Regulation compliant thermal performance.

**We are passionate about Conservation Rooflights. For us, it's the small and often overlooked details that make the original Conservation Rooflight the authentic choice for properties of architectural significance.**



|                       |       | Clear Viewable Width                                                                       |                                                                                            |                                                                                            |                                                                                            |                                                                                            |                                                                                              |                                                                                            |
|-----------------------|-------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
|                       |       | 212mm                                                                                      | 263mm                                                                                      | 365mm                                                                                      | 415mm                                                                                      | 517mm                                                                                      | 669mm                                                                                        | 821mm                                                                                      |
| Clear Viewable Length | 320mm |  CR06-1 |                                                                                            |                                                                                            |                                                                                            |                                                                                            |                                                                                              |                                                                                            |
|                       | 422mm |                                                                                            |  CR07-2 |                                                                                            |                                                                                            |                                                                                            |                                                                                              |                                                                                            |
|                       | 525mm |                                                                                            |                                                                                            |  CR01-2 |                                                                                            |                                                                                            |                                                                                              |  CR01-3 |
|                       | 675mm |                                                                                            |                                                                                            |                                                                                            |  CR08-2 |                                                                                            |                                                                                              |                                                                                            |
|                       | 828mm |                                                                                            |                                                                                            |  CR03-2 |                                                                                            |  CR09-2 |  CR11-3   |                                                                                            |
|                       | 980mm |                                                                                            |                                                                                            |                                                                                            |                                                                                            |  CR10-2 |                                                                                              |  CR13-3 |
| 1133mm                |       |                                                                                            |                                                                                            |                                                                                            |                                                                                            |                                                                                            |  CR14-3 |                                                                                            |
| 1435mm                |       |                                                                                            |                                                                                            |                                                                                            |                                                                                            |                                                                                            |  CR15-2 |                                                                                            |

- Suitable for pitched roofs between 17.5° to 65°
- Our classic sizes are a collection of frequently requested solutions.
- Sizes are displayed as the clear viewable dimensions. Please note, the structural opening dimensions can be found by hovering over the icons. For structural openings in a flush slate roof pitch below 29°, please get in touch with our team.
- Offering you complete flexibility on opening options, from fixed in the closed position or motorised to an authentic manual handle.
- For a complete tailor-made solution, visit our Design Solutions page for hands on support on your project.
- The Conservation Rooflight range is conformity marked in accordance with EN14351-1

