

OMEGA PARK, WARRINGTON

BRETT MARTIN DAYLIGHT SYSTEMS



For a massive distribution centre in Lancashire, a light, appealing and energy efficient interior environment was essential which led to the specification of rooflights from the UK and Ireland's leading rooflight manufacturer, Brett Martin Daylight Systems.

The length of seven Olympic swimming pools and home to a leading online retailer, the 60,000 square metres warehouse at Omega Park in Warrington required a rooflight solution that would minimise the use of artificial lighting and reduce running costs. The specification for the 115mm thick composite panel roof included 6,668 metres of Brett Martin Energysaver 3.0 Factory Assembled Insulating Rooflights (FAIRS) to add light into the building and offer an excellent u-value of $1.3\text{W/m}^2\text{K}$. Reinforcing this choice was a product life expectancy of over 25 years.

For this warehouse application, contractor Bowmer & Kirkland installed Brett Martin Energysaver 3.0 factory assembled GRP rooflights to ensure fast reliable weatherproofing including an optional Cleartherm intermediate layer for enhanced thermal performance. GRP allowed a more even spread of daylight, illuminating the warehouse while eliminating the risk of hot spots and solar glare which could disturb the online retailer's staff.



“These rooflights were a dream to install,” commented Matthew Lowndes of Bowmer & Kirkland. “The Brett Martin Energysaver rooflight is a superior product which fits together well and can be easily dropped into the composite panel without the need for additional fixings.”

With over 1,000 profiles available and seven sheet thicknesses to choose from, GRP rooflights are used extensively in a wide range of applications in the industrial, commercial, horticultural, agricultural and DIY sectors. Offering high strength and durability, these BBA certified rooflights are specified to satisfy project fire rating and to be Class B non-fragile to ACR [M] 001.



Rooflights offer an attractive solution to daylighting requirements whilst also providing the required insulation values which allow buildings to meet their energy saving targets and reduce running costs.

The use of in-plane GRP rooflights from Brett Martin Daylight Systems have played their part in many prestigious projects and demonstrated that natural light can play a significant role in improving the atmosphere of the largest of buildings.



Daylight Systems

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