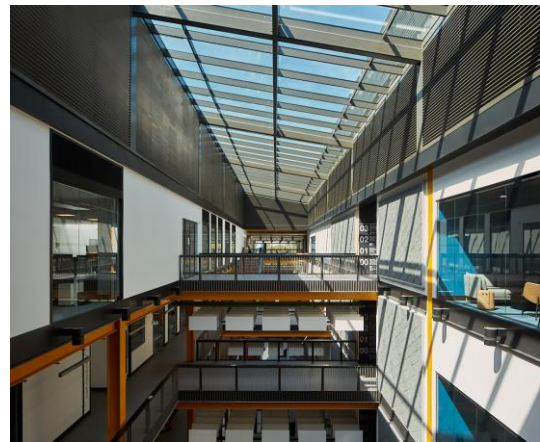




Project reference: SEE Building, University of Salford



LAMILUX Glass Roof PR60. [Click here for product webpage](#)

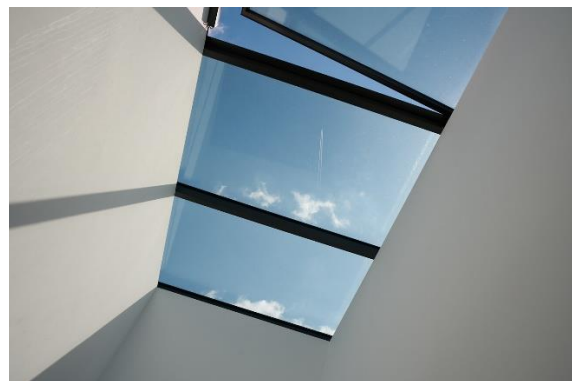
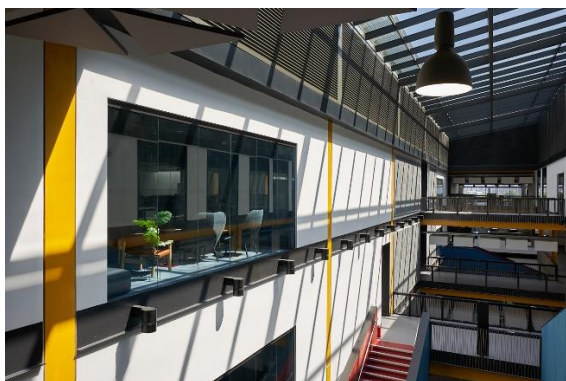
Architect: Sheppard Robson

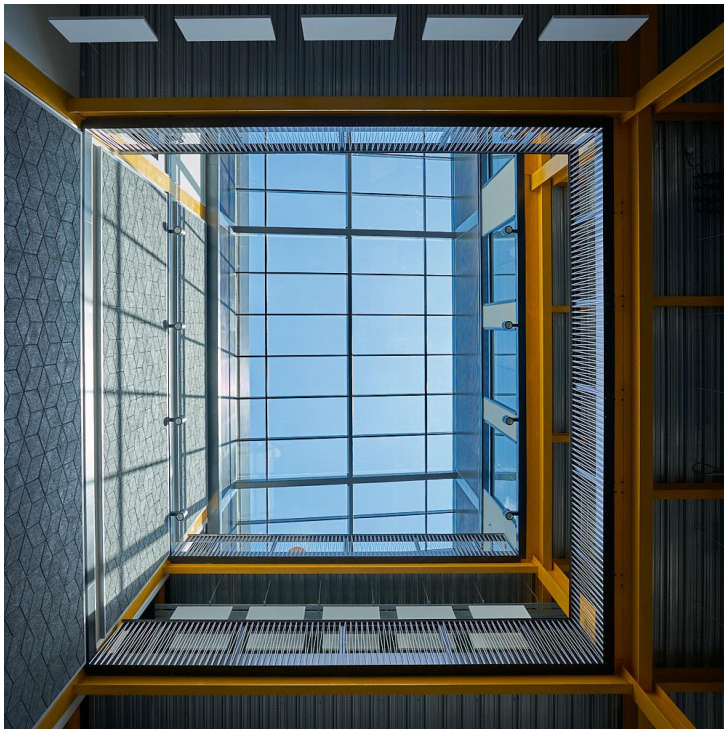
Main Contractor: Morgan Sindall Construction

A true masterpiece of sustainability and design

The new £65 million, Science, Engineering and Environmental Building (SEE Building) at the University of Salford was designed under the concept of incorporating high sustainability credentials. This supports the university's pledge in reducing the environmental impact, as part of the wider Salford Crescent and University District masterplan. The SEE building promotes innovation, environmental protection and excellent educational opportunities and offers students state-of-the-art facilities with the aid of the LAMILUX Glass Roof PR60.

A stunning skylight measuring an incredible 44 metres long and 9 metres wide, as well as three other Glass Roofs PR60, were installed onto the roof of the four-storey building, illuminating the lecture halls and common areas. This results in enhancing the natural daylight, whilst also allowing for natural ventilation, creating an inspiring environment for learning and development. To avoid overheating and glare inside the building, special 60/30 high performing solar glazing was used. This innovative technology ensures a comfortable indoor climate whilst providing an optimal learning environment.





LAMILUX worked with the architect from the early planning stage of the project to design, supply, and install the four rooflights.

“Just-on-time” deliveries were planned to enable offloading of the materials, with a crane, from the vehicle to the roof, to minimise loading out as space on site was very limited.

Integrated ventilation panels were installed within the three smaller PR60 Glass Rooflights to provide the ideal solution to provide natural ventilation into the building alongside natural daylight.

The largest rooflight was glazed with an impressive total of 120 fixed glass panels to make up the impressive 44 metre length and complete the installation. The glass panels were specified with Class 1 Fragility, suitable for walking on for cleaning and maintenance loads, according to CWCT TN 66 /TN 67 & TN92.

Before the final handover of the project, extensive water tightness testing was carried out. On site CWCT hose tests were passed successfully, as testament to the quality and durability of the installation led by the LAMILUX installation team.

The University of Salford is passionate about sustainability. LAMILUX are proud to be involved with a building project that not only contributes to the progressiveness and commitment to sustainable architecture, but is also considered a BREEAM Excellent-rated facility.

