



ROOFLIGHTS & ROOF GLAZING

Case Study

LAMILUX Glass Roof PR60

Mono-pitch rooflights

Oundle School Sports Centre, Peterborough

Architect: Saunders Boston Architects

Main Contractor: Graham Group



Oundle School is one of Britain's leading day schools, located in Oundle, Northamptonshire. The School saw scope in implementing a sports master plan to update the sports facilities across the campus. The new sports centre is a unique facility in the School, providing the indoor sports accommodation for the pupils, but also allowing access to the community through a membership scheme.

LAMILUX designed, supplied and installed eight LAMILUX Glass Roof PR60 mono-pitch rooflights at Oundle School Sports Centre. Seven rooflights, each measuring a clear internal opening of 2620mm wide x 13m long were designed in an arrangement of six portrait oriented panes to minimize framework and maximise both daylight intake and U-value performance. The eighth rooflight benefited from the watertightness testing to Class E, EN 12208 which is tested down to a 3° pitch - one of the standard features of the LAMILUX PR60 Glass Roof.

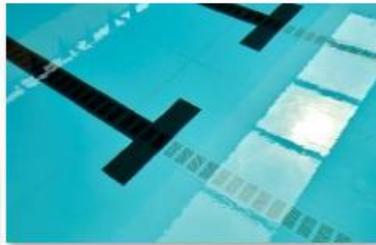


Seven of the rooflights, were positioned over the 50 metre swimming pool, adding an abundance of natural light, with special sun protective glazing to eliminate overheating. A special coating was applied to the aluminium profiles to protect them from corrosion within the chlorine environment. The eighth rooflight, an 18m x 6m trapeze shape, illuminates the atrium at the flagship of the school's sports masterplan.





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The new sports centre opened in September 2020 and has since transformed the P.E curriculum offering, allowing a greater range of sports and fitness options. LAMILUX are proud to be an integral part of the development at the successful sports centre within the School.

