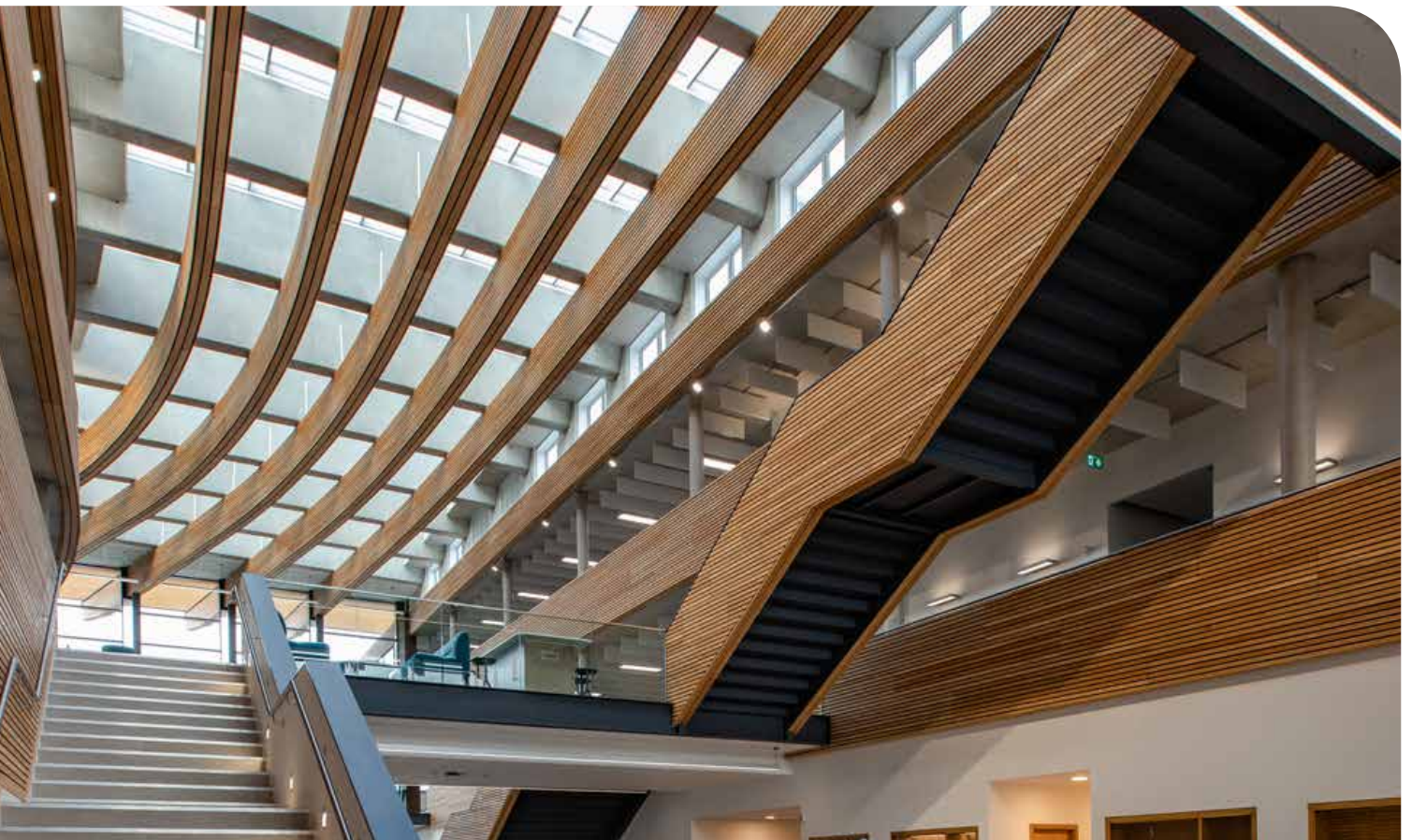


UK HYDROGRAPHIC OFFICE

Product: VELUX Modular Skylight System

Architect: AHR Architects

Contractor: BAM Construction



Two hundred modules of the VELUX Modular Skylight system were installed as part of an innovative lighting and ventilation strategy led by BAM Construction and AHR Architects for the Ministry of Defence's new UK Hydrographic Office.

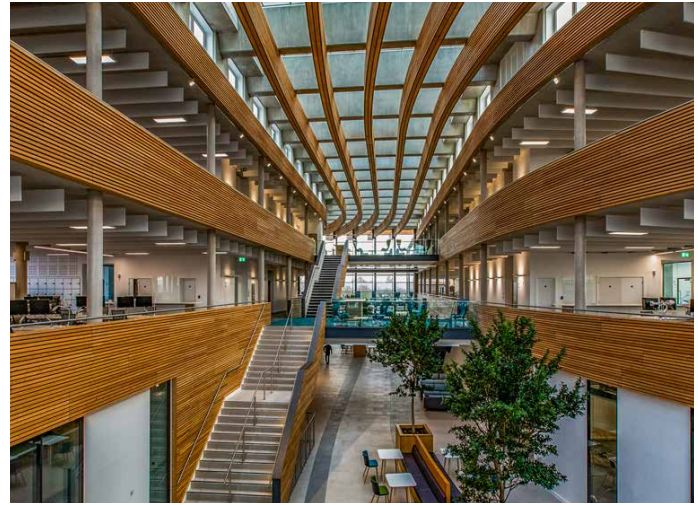
Modularised and prefabricated, the modular skylights simplified a complex specification for natural daylight, first-class ventilation, and modern aesthetics in a central atrium area at the heart of the new development.

BAM Construction were appointed as the main contractor for the UK Hydrographic Office back in 2016 and worked

with AHR Architects to build this 11,000 square foot office space which would support the new, digital-first vision of the UK Hydrographic Office.

The project incorporated the development of multiple office spaces with a central atrium area where employees can collaborate, relax, and communicate with one another.

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The incorporation of natural daylight and ventilation were key design principles in creating a welcoming and pleasant environment for employees at the UK Hydrographic Office. Through the creative use of lighting, AHR Architects worked to instil a sense of ownership and pride in those working at the office to afford clear benefits in terms of motivation, employee retention, and overall productivity in the workplace. Minimising the building's energy use for both lighting and temperature regulation was also a key concern, which led to the VELUX Modular Skylight system being agreed as the most suitable product for this specification by both BAM Construction and AHR Architects.

Dermot Parkinson, Project Manager for the UK Hydrographic Office at BAM Construction explained: "At the very beginning it was made clear that bringing natural light into the building was a key design specification for this project, and so we had to look at how we could draw that light into the building via the central atrium effectively. Through discussion with the architects for the project, AHR Architects, we selected the VELUX Modular Skylight system as the most likely to provide that natural daylight, but also support the natural ventilation

required for the building management system. We then developed a series of beams in collaboration with VELUX to support the 200 skylights specified and we were very happy with the support and service offered by VELUX.

The UK Hydrographic Office project is a perfect example of how simple it can be for buildings to create a truly vibrant, light, and inviting atmosphere without all the traditional complications or costly delays that tend to come with that. This is possible only through the use of innovative, modularised and prefabricated systems such as VELUX Modular Skylights to take pressures off the contractor and installer and allow them to do what they do best.

VELUX were involved at each and every stage of the project process, which saw the organisation work with AHR Architects from the early days of design conception through to working alongside both BAM Construction and Daylight Solutions during the installation process. As such, VELUX takes great pride in working on this project and showcasing the benefits that prefabricated and modularised lighting systems can bring, not just for the end-client, but also for the contractor, architect, and installer.

Published by



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