

VELUX Commercial

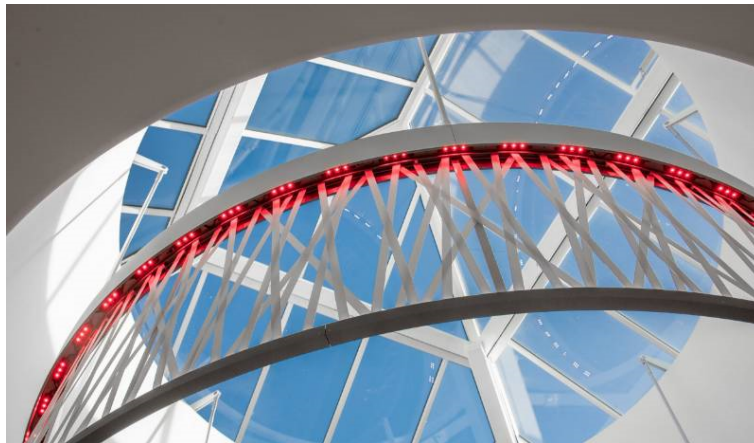


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CPD Overview

VELUX Commercial designs and manufactures daylight and ventilation solutions for industrial, commercial and public buildings, and our solutions will bring daylight and fresh air, along with smoke and heat exhaust ventilation, through any roof and into any type of building.

The VELUX Commercial product programme includes, dome rooflights and flat glass rooflights, continuous polycarbonate rooflights, glass roof systems and smoke and natural ventilation solutions. Our team of daylight and ventilation experts will carefully listen to your specific needs and help you select the best and safest possible solution, make sure its properly installed, well-functioning and maintained.



Available CPD Material (8)



Multiple formats

Roof Glazing - More Than Just Glass

This presentation is structured around five questions and will give an appreciation for the range of glazing materials and solutions that fall under the term 'roof glazing'.

What do we mean by the term 'roof glazing'?
What roof glazing materials are available?
What are the advantages and disadvantages of different roof glazing materials?
How can regulations and standards influence the choice of solution?
How can different sectors benefit from different solutions?

By the end of this presentation, you'll have greater confidence in understanding what roof glazing is and the role it plays in commercial buildings. You'll understand what the main 'glazing' material choices are, and the pros and cons of selecting them as solutions. And you'll be able to identify how the different glazing options allow you to comply with standards and regulations, while meeting the specific needs of different commercial sectors.

Material type: Online Learning, Seminar
RIBA Core Curriculum: **Design, construction and technology**
Knowledge level: General Awareness



Under the Rooflight: Spotlight on Education

The purpose of this CPD is to offer a review of the latest regulatory changes in the design and construction of education buildings specifically relating to rooflights. The regulatory changes include the Education and Skills Funding Agency (ESFA) Facilities Output Specification (FOS) 2017, BREEAM 2018 and the New European Standard Daylight of Buildings EN 17037. This CPD will help you to understand the following topics:

- Understand the ESFA Facilities Output Specification relating to rooflights
- Understand the changes in BREEAM 2018 relating to rooflights
- Understand the new European Standard EN 17037 relating to rooflights
- Understand how to specify rooflights for education buildings and meet the requirements of the above documents

Material type: Seminar
RIBA Core Curriculum: **Design, construction and technology**
Knowledge level: General Awareness

Offsite Fabrication for Smarter Construction



This seminar looks at offsite construction processes. It will help you to understand the following topics:

- The development of offsite fabrication in architectural design
- The history of modularity and the development of off-site manufacturing in construction
- The benefits of off-site construction and why modular skylights are an efficient, sustainable option
- Off-site construction in relation to skylights in educational and other spaces

Material type: Seminar

RIBA Core Curriculum: **Design, construction and technology**
Sustainable architecture

Knowledge level: General Awareness

Modular Systems: The Future of Construction



This seminar is concerned with modular construction especially in relation to modular rooflights. It will help you to understand the following topics:

- The history of standardised measurements and how it developed into modular systems
- Why modularity is important in modern construction
- Modular construction in the education sector and other spaces
- The benefits of modular skylights, including efficiency and sustainability issues
- Modularity in relation to skylights with case studies of modular skylights in education

Material type: Seminar

RIBA Core Curriculum: **Design, construction and technology**

Knowledge level: General Awareness

Daylight and the Human Response



This seminar looks at the human response to daylight and the specification and installation of modular skylights to engineer and control daylight in buildings. It will help you to understand the following topics:

- Why daylight, and ventilation, is important to the human condition and the negative impact that a lack of daylight can cause
- The history of how skylights have helped to deliver light within buildings
- How to specify and install modular skylights to deliver light in an efficient and sustainable way
- How to engineer daylight for use in educational and other spaces
- How we measure daylight and how this is changing

Material type: Seminar

RIBA Core Curriculum: **Design, construction and technology**

Knowledge level: General Awareness



An Eye for Light and Air and Vision

This seminar aims to provide an understanding of the available systems for RG, why RG fails, an appreciation of panel systems, the main health and safety issues, effective U-value and solar gain control, ecological issues.

Material type: Seminar



Rooflights and Atriums: Natural Light and Ventilation for Sustainable Buildings

This seminar will provide information on:

- Considerations of energy usage in buildings and how using rooflights and atriums can reduce this energy consumption and contribute towards sustainable buildings
- The effect of natural light and ventilation on the workplace and educational environments and the subsequent positive impact they have
- How to achieve and exceed building regulation performance with rooflights and atriums
- Technical design considerations for different buildings
- Natural ventilation for comfort and smoke clearance achieving EN12101-2
- Site safety and on-going maintenance
- How to design a roof glazing solution that will have the right visual impact whilst balancing cost considerations

Material type: Seminar



Sloped Glazing: the Options for Light, Air and Vision

This seminar is designed to investigate the leading types of sloped glazing systems that are available for commercial and domestic applications. It covers environmental issues, such as Part L, solar gain, glare and management of condensation as well as comfort venting, smoke exhaust and aesthetic options for vents and colour schemes.

Material type: Seminar

Classifications

Subject/Product Areas (CI/SfB)

Structure

Patent glazing > Patent glazing

Rooflights > Rooflights

Rooflights > Roof windows, northlights

Fittings

Blinds and curtain tracks > Blinds

RIBA Core Curriculum areas

Design, construction and technology

Knowledge level: *General Awareness*

Sustainable architecture

Knowledge level: *General Awareness*