

# VELUX Company Ltd



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## CPD Overview

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VELUX® have been bringing daylight and fresh air into homes, schools and places of work for over 80 years and have led the way in designing innovative roof windows, blinds and accessories all of which help create bright and welcoming spaces.

The VELUX range also includes many other daylight solutions such as sun tunnels, flat roof windows and Modular Skylights. As well as offering the best products on the market we also understand the importance of helping you choose the best solution for your project. Check out NEW products Launched in 2024.

We provide expert technical support and specification advice, as well as our nationwide service technicians and field sales teams who are happy to offer hands-on support.



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**Available CPD Material (21)**


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**Designing for Health in Housing**

This seminar highlights the importance of considering the health & well being of occupants at design stage and identifies key elements in supporting health & well being in thermal comfort and indoor air quality.

- Identifies use of essential natural elements to support this – daylight and fresh air
- Provides overview of the need for climate renovation – refurbishment of existing building stock
- Provides introduction to the Active House principles
- Offers simple solutions with the use of simulation software to check design proposals

Material type:

Online Learning

RIBA Core Curriculum:

**Design, construction and technology**  
**Sustainable architecture**

Knowledge level:

General Awareness



Multiple formats

**Delivering Sustainable Homes for a Better Future**

We are the Indoor Generation! We spend 90% of our time indoors. Furthermore, the indoor environment is 5 times more polluted than the outdoor. This has a negative effect on our Health, as we are living in unhealthy homes.

Daylight & Fresh Air is vital for a healthier home. This seminar explores a rethink of how buildings can help resolve global climate and health challenges through sustainable solutions and practical action.

By the end of the CPD you should have a greater understanding of:

- How a healthy indoor climate is vital for Health & Well Being
- The Importance of Natural Daylight & Ventilation in Buildings
- Active House Principles
- How the choice of different materials can reduce the CO2 in a building.

Material type:

Online Learning, Seminar

RIBA Core Curriculum:

**Sustainable architecture**

Knowledge level:

General Awareness



Multiple formats

### Keeping in Character - Investing in the Future of Existing Dwellings

An examination on the use of appropriate products in conservation and historic properties that make up a large percentage of UK housing stock. With focus on usage of conservation roof windows and materials that conserve and respect character and uniqueness.

It covers guidelines for usage by local authorities and recommendations from historic England. Examining the particular properties and benefits of typical industry products.

Material type: Online Learning, Seminar

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

Knowledge level: General Awareness

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### Bespoke Daylight Design

This CPD will discuss the importance of daylight in designing residential spaces. Topics covered include the use of daylight in creating different lighting effects, the background of daylight in architecture, bespoke rooflight and smart automation technology, and technical considerations for bespoke rooflight solutions. By the end of the seminar you should have a greater understanding of:

- The fundamentals of the daylight design
- Bespoke rooflight solutions and inspiration on how to use them
- Lighting design techniques using natural light
- Technical considerations for bespoke rooflights

Material type: Seminar

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

Knowledge level: General Awareness

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### Best Practice Roof Window Installation Demonstration

This practical demonstration aims to highlight the main considerations when installing roof windows. By seeing first hand a roof window being installed to best practice it offers an opportunity to understand the main considerations and benefits of optimal roof window positioning, installation principles and optimising energy efficiency.

Material type: Seminar

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

Knowledge level: General Awareness

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### Bringing Light to Life

This seminar will provide an overview of the importance of daylight and fresh air and considers a number of factors when designing with roof windows. It deals with the issue of sustainability in relation to this topic.

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

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### Flexible Housing for the Millennium

This seminar looks at the Housing Green Paper, introduces the Green Paper and possible proposal to meet needs identified.

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

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### National Building Specification - Specifying with Confidence

This seminar looks at the use and expansion of NBS to provide accurate specification.

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

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### Optimising Energy in Design

This seminar will illustrate two houses which incorporate roof windows that are energy efficient/sustainable.

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

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### Raising the Roof on Hidden Profits

This seminar sets out to change current roofing design practice to permit use of roof space.

Material type: Seminar

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

Knowledge level: General Awareness

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### Solar Hot Water Excellence by Design

Reduction of carbon dioxide has become an important political focus, with governments setting targets and driving legislation solar thermal plays an important role in using renewable energy to help reduce carbon dioxide emissions.

Material type: Seminar

RIBA Core Curriculum: **Sustainable architecture**

Knowledge level: General Awareness

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### Sustainable Living: Model Home 2020 - Green Lighthouse

This online learning will provide:

- An introduction to the Model Home 2020 project
- A real life experiment to show the importance of energy efficiency, indoor comfort and visionary architecture
- The applications of renewable energies in a public building

Material type: Online Learning

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

Knowledge level: General Awareness

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### Sustainable Living: Model Home 2020 - Home for Life

This seminar will provide an:

- Introduction to the Model Home 2020 project
- A real life experiment to show the importance of energy efficiency, indoor comfort and visionary architecture
- The applications of renewable energies in a home

Material type: Online Learning

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

Knowledge level: General Awareness

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### The 10% challenge - Solar Gain or Drain



Material type: Seminar  
 RIBA Core Curriculum: **Sustainable architecture**  
 Knowledge level: General Awareness

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### The Feasibility and Design of Roof Space Conversions



the design process for loft conversion, examines the regulations required and aids best practice in the industry.

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

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### The Importance of Daylight in Design



This seminar will cover the following topics to do with daylight design:

- Health
- Daylight factor
- Daylight experiments
- Daylight visualiser

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

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### Active House CPD (Part 1)



Active House, an emerging concept defined  
 - The Active House concept brought to life and the pan European Model Home 2020 project

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

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### Commercial Daylighting

This seminar aims to help delegates:

- understand the importance of daylight in design of commercial buildings
- understand the importance of ventilation in design of commercial buildings
- appreciate the critical nature of the above in achieving a healthy indoor environment
- appreciate the benefits associated in achieving a healthy indoor environment
- to showcase what can be achieved

Material type: Seminar

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

Knowledge level: General Awareness

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### Daylight and Ventilation in Healthy Homes- No Longer Used.

This seminar looks at the basics of human response to daylight and why daylight and ventilation is important in renovation designs. Enquiries about this CPD should be sent to [marketing@velux.co.uk](mailto:marketing@velux.co.uk)

This CPD will help you to understand the following topics:

- Indoor climate and what makes a healthy home
- The physiological effects of daylight and ventilation
- The philosophy of renovation based on the Active House framework, specifically the UK version RenovActive
- Research project around daylight control
- The use of roof windows in residential settings and the residential specification process

Material type: Seminar

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

Knowledge level: General Awareness

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### The Case for Better Daylight and Ventilation Design in Homes

This CPD will cover the importance of daylight and ventilation in the design of a healthy home and will look at the evidence to support architectural philosophies and translate your experience into strong, rational, pertinent reasoning to use with your clients. It will help you to understand the following topics:

- Understand the basics of daylight and human response to it
- Understand what makes a healthy home and the importance of daylight and ventilation when homeowners budget for a project
- Understand the active house principles of comfort, environment and energy
- Understand circadian lighting, a more holistic measure of daylight's impact
- Understand indoor climate and how to combat indoor pollution
- Understand research around daylight control and case studies of roof windows in residential projects

Material type: Seminar

RIBA Core Curriculum: **Design, construction and technology**  
**Health, safety and wellbeing**

Knowledge level: General Awareness

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### The Daylight Economy: Improving Health, Well-Being and Productivity with Daylight and Ventilation - NLU

This seminar looks at why daylight and ventilation is important in education, healthcare and commercial sectors and how buildings optimised for well-being have a positive impact on occupants. By this end of this seminar you should understand:

- The psychological and physiological benefits of daylight and ventilation
- How to design buildings optimised for well-being
- Daylight and fresh air's role in healthcare, education and commercial sectors
- How to design daylighting strategies that answer both biological and activity needs
- Considerations for the right type of light in the right space
- Ventilation strategies and smart automation technology
- The importance of maximising physiological and economic value through effective daylight design

Material type:

Seminar

RIBA Core Curriculum:

**Design, construction and technology**

Knowledge level:

General Awareness

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## Classifications

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### Subject/Product Areas (CI/SfB)

Structure

Rooflights > Roof windows, northlights

Services

Hot and cold water > Solar water heating

Fittings

Blinds and curtain tracks > Blinds

### RIBA Core Curriculum areas

Sustainable architecture

Knowledge level: *General Awareness*

Design, construction and technology

Knowledge level: *General Awareness*

Legal, regulatory and statutory compliance

Knowledge level: *General Awareness*

Health, safety and wellbeing

Knowledge level: *General Awareness*