

VELUX®

Commercial



ABBA SKYLIGHTS

RESIDENTIAL | INDUSTRIAL | COMMERCIAL | INSTITUTIONAL

“A World of Skylight Options”

VELUX Modular Skylight Systems

Prefabricated daylighting systems

Maximize daylighting with modular innovation

VELUX Modular Skylights mark a shift in the evolution of traditional commercial daylighting. For the first time the market has the option of a fully prefabricated material that ensures excellent energy performance, thermal stability and strength.

VELUX Modular Skylights offer six configurations to fit a multitude of commercial buildings, bringing daylight and fresh air to any space. With smart, automated control options, these modules offer integrated roller blinds and ventilation that control heat gain and glare for superior energy-efficiency.

VELUX Modular Skylight modules come prefabricated, making installations up to three times faster for long-term watertight performance.

See the difference and bring light to life with VELUX Modular Skylights.

VELUX Modular Skylights make the Winter Farms barn and arena a fresh, healthy space for horses to rest and play.



The Module

The advantages of a truly prefabricated modular system

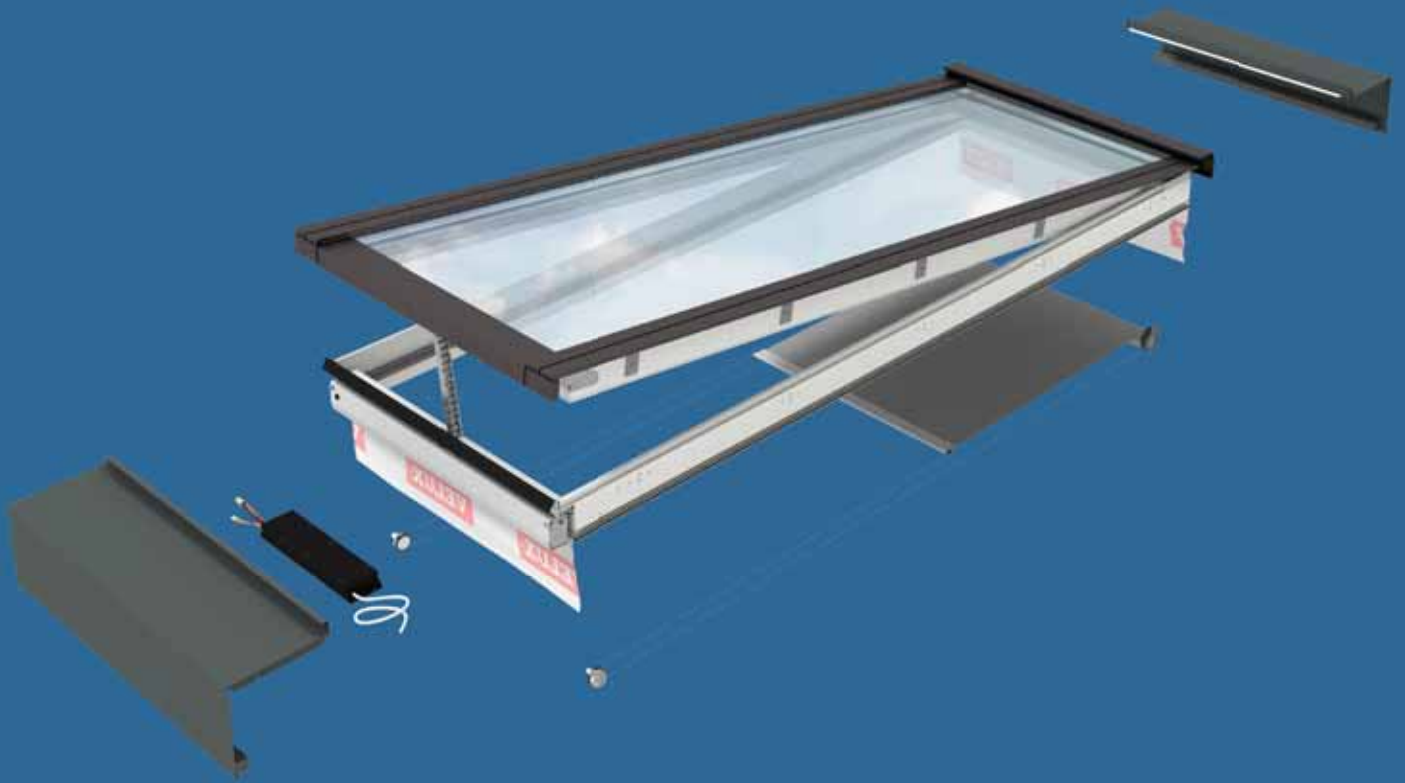
Prefabricated modularity offers a great number of advantages at every step, from planning and design to the moment the roof is sealed off with magnificent skylights. Modularity offers:

- Known performance, classifications, and behavior, easing the specification phase.
- Security for years to come through support and maintenance.
- Clarity and speed for all implicated stakeholders in the building.
- Predictability of time frame and estimation of manpower in the installation phase.

Modularity in every single product

All modules are produced offsite at our factory, meaning every single component is rigorously tested and integrated in a controlled environment. Each component is also of the highest premium quality and is built to stand the test of time.

All prefabricated modules are delivered with customized flashings to ensure a leak-free installation.



The System

Designed for easy installation, the modules fit perfectly together

All components are designed in accordance with the overall system. In our controlled facilities, we monitor all aspects of production to ensure a perfect fit and assembly. This process ensures your VELUX Modular Skylight will perform as expected after installation is completed.

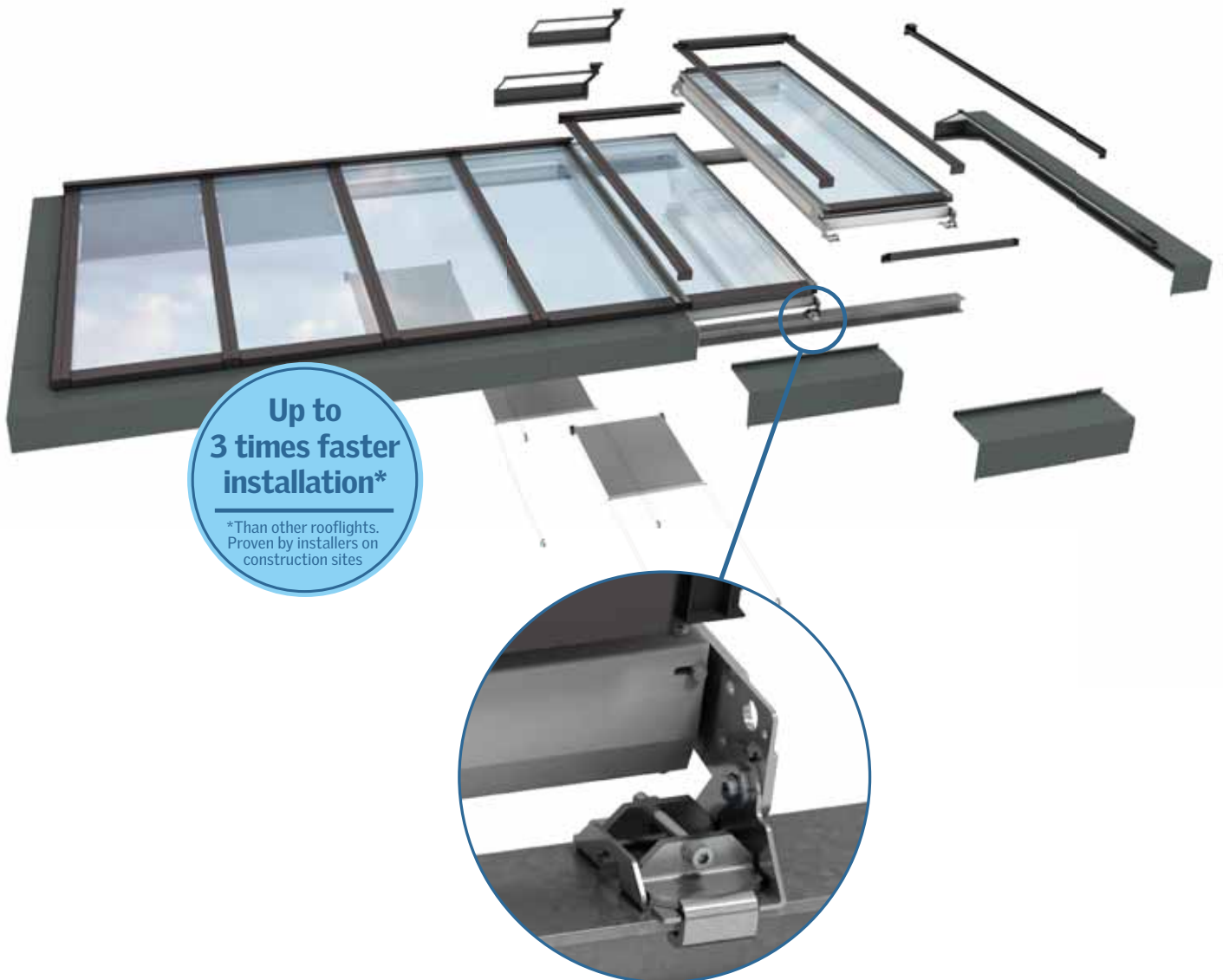
A unique bracket system with a simple clamp design is a key component of the VELUX Modular Skylight. This design feature guarantees a predictable installation process, which makes it possible to fit an entire module within minutes.

Easy installation process

VELUX Modular Skylights can be mounted on several attachment points, though an accurate fixed-dimension is required for the

substructure. The strength of the sub-construction needs to be calculated from project to project, based on the building design and application size. For this reason, the sub-construction is not part of the prefabricated modular system.

With no onsite glazing required, the installation begins with the modules being attached to the sub-construction. Once all modules are in place the included flashing components are installed to ensure a watertight application. With the system in place any finishing work can be done to complete the application.



**Up to
3 times faster
installation***

*Than other rooflights.
Proven by installers on
construction sites



With VELUX Modular Skylights, the lobby at Harvest Properties in Oakland, CA has become the focal point of the ground floor retail area.



Two VMS Ridgelights replaced two failing translucent panel systems to transform the US Ironworks Facility in Ohio.



VELUX Modular Skylights were chosen to modernize the repurposed third floor space of Cornell University's College of Architecture.



Skylights are essential to creating a pleasant shopping experience with natural light in this grocery store located on the ground floor.

The Solutions

The unique bracket system that makes every single module fit all our solutions

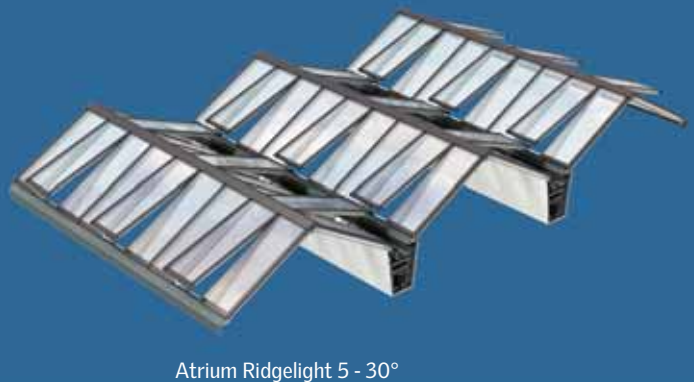
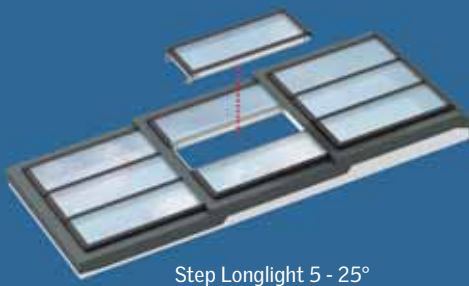
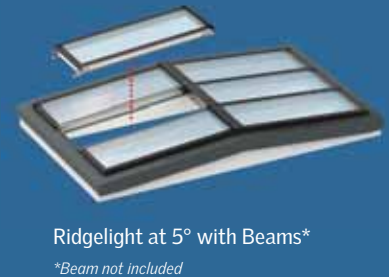
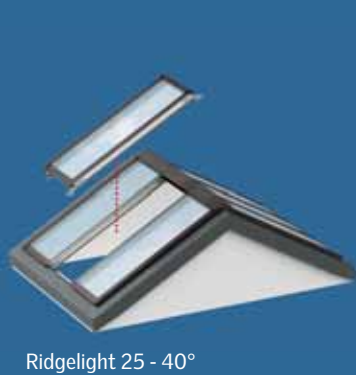
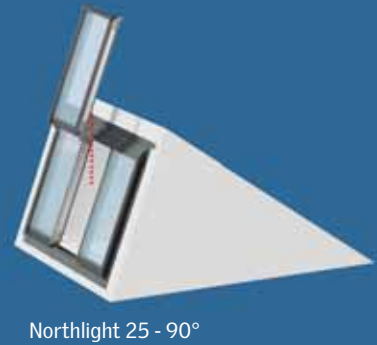
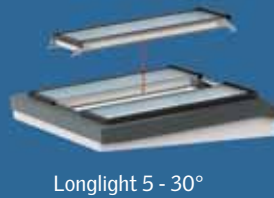
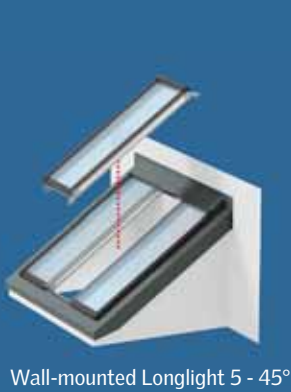
The versatile skylight system allows you to create a range of different designs for a variety of commercial buildings, such as shopping malls, offices, schools, cultural buildings, public spaces and healthcare facilities.

Designing with VELUX Modular Skylights is like a helping hand in your design process. The secret is our patented and unique bracket system – but what does this mean for

you? Greater speed, freeing up more time for the fun stuff: designing and creating.

For a faster and more value-driven design process

The modularity of our skylights makes your design process much more straightforward. Use our CAD freeware tools with BIM objects. Just drag, drop and multiply – quickly, easily and accurately.



Sunscreening

Blinds help control the indoor climate



VELUX Modular Skylights are designed to optimize the indoor climate by controlling daylight, heat and glare with the option of integrated roller blinds. Blinds offer protection against heat and glare and are available in three commonly used colors. The fabric is colorfast and very durable. Roller shades can be included as an integral component of the module and controlled by a VELUX controller or other open system.

Venting

Seamless ventilation lets fresh air flow



Electrically operated venting modules ensure fresh air and optimum indoor comfort. Venting modules have a fully integrated chain actuator that enables automatic ventilation of the room. The design of the module ensures that there is no visual difference between fixed and venting modules when closed. Venting modules can be included as an integral component of the module and controlled by a VELUX controller or other open system.



The Atrium Ridgelight serves as the centerpiece of Siemens Head Office (Denmark).



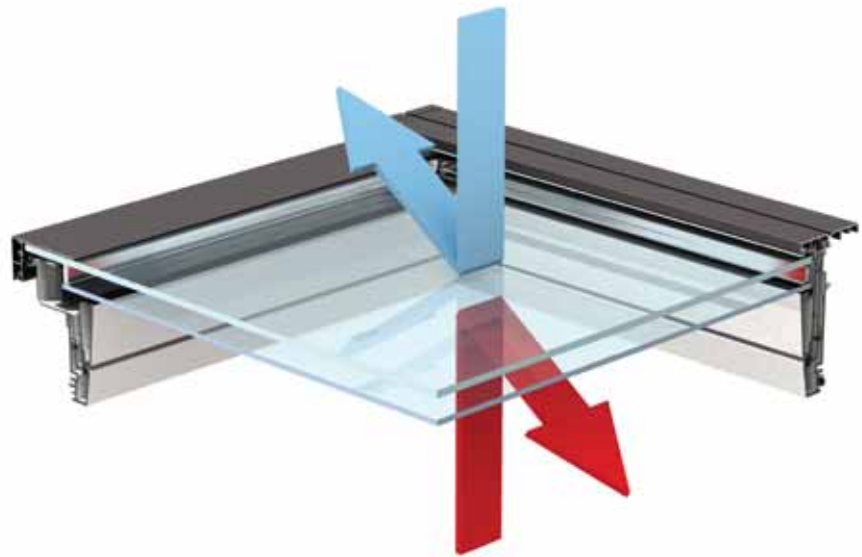
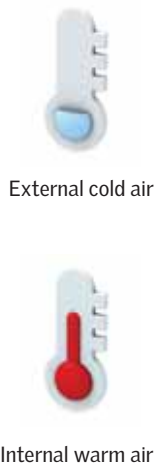
26 modules provide stunning lighting conditions in the Self Regional Healthcare Facilities in Greenwood, SC.

Performance

Energy

Very low thermal conductivity and an array of low-energy glazing options make the total modular solution exceptionally energy efficient. The system offers 2 or 3-layer glazing in combination with

three different coatings. The different combinations allow you to specify the product precisely according to your demands, whether you prefer heat control or protection against cold weather.



Glazing

Glazing and U-Values

Modular skylights come with low energy double or triple glazing with foil-laminated inner glazing for added safety and three different coating options.

The coatings are optimized to meet the desired levels of solar heat gain, sun protection, light transmittance, and color rendering.



Thermal transmittance in accordance with NFRC procedures:

Modules with double-glazing:

Vt: 46 - 64%

SHGC: 0.24 - 0.46

U-factor = 0.27 - 0.34

Glazing variant: 10, 11, 12



Thermal transmittance in accordance with NFRC procedures:

Modules with triple glazing (down to):

Vt: 56%

SHGC: 0.36

U-factor = 0.16 - 0.21

Glazing variant: 16, 17, 18