P R E S S R E L E A S E

Rehau, July 2020

LAMILUX: Options for circular skylights

Circular Glass Skylight with special effects

The LAMILUX Glass Skylight F100 Circular has always been ventilated, but now concealed drives can also be integrated. In addition, a new type of upstand makes it possible to incline the element by three degrees. This has visual and functional advantages.

About the Glass Skylight F100 Circular

The circular Glass Skylight combines aesthetics, architectural appeal and excellent energy values. It is also very flexible in terms of size: With an upstand height of 30, 50 or 70 centimeters and a diameter of 60 to 180 centimeters, it fits into all building situations and ensures a concentrated and atmospheric incidence of light. The Glass Skylight is available with double or triple glazing and is mounted on a circular, completely heat-insulated upstand made of glass fiber reinforced plastic. Thanks to structural glazing technology, it offers a continuous transition from the frame to the glazing and thus unimpeded drainage of rainwater.

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Concealed drives

The LAMILUX developers worked for a long time until they found a solution to integrate a previously angular drive into the round profile structure of the Glass Skylight. With success: The new concealed drives are currently available for circular elements with an OKD dimension of 120 and 150 centimeters. These large Glass Skylights now look even more stylish and high-quality without visible ventilation drives. That's why they are particularly suitable for architecturally appealing views.

With this innovation, it is now possible for the first time to ventilate rooms with circular Glass Skylights without having to accept visual impairments. This creates a healthy, natural building climate as well as an attractive design advantage.

Circular inclined upstand

An inclined upstand for circular Glass Skylights – this has not yet been available as a standardized solution. Since an inclined cylinder has the top surface of an ellipse instead of a circle, the laws of geometry had to be circumvented.

During development only one thing was certain: The base area and top surfaces would become perfect circles. Everything between them though, are freeform surfaces. Although this shape represents a challenge in conception and production, the Circular Glass Skylights FE and F100 from LAMILUX are now available with an inclined upstand. This creates a level water and dirt drainage.

What are the LAMILUX developers' thoughts on the Glass Skylight F100 Circular? Learn more about it in this video:

https://www.youtube.com/watch?v=TzsT3J9V_vw

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Proposals for hashtags:

#movingforward #LAMILUXquality #daylightsystems

About the LAMILUX Heinrich Strunz Group

For more than 70 years LAMILUX has produced high-quality daylight systems made of plastic, glass and aluminum. Architects, construction engineers, construction planners and roofers use the LAMILUX Cl systems for construction of industrial, administrative and hall complexes as well as for private residential construction. Their structural function mainly consists in the optimal direction of natural light into the inside of buildings. Equipped with controllable flap systems they also function as smoke and heat ventilation systems (SHEV) and energy efficient feature for the natural ventilation of buildings. The scope of the LAMILUX Cl systems ranges from rooflights to continuous rooflights to aesthetically shaping glass roof constructions. The enterprise has big competence regarding the development and production of building control systems, such as smoke and heat exhaust systems as well as ventilation and sun protection installations. With around 1200 employees LAMILUX generated a turnover of 305 million euros in 2019 with both its business divisions – LAMILUX Daylight Systems and LAMILUX Composites.

https://www.lamilux.com/daylight-systems/products/flat-roof-window.html

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