

LAMILUX GLASS SKYLIGHT FE

LAMILUX ADDED VALUE AT A GLANCE



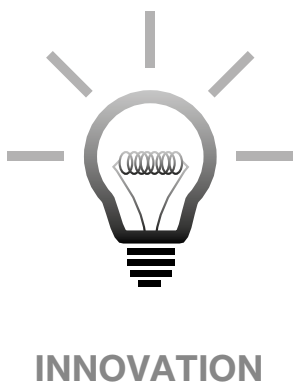
Customized intelligence – Serving customers is our first priority.
This requires outstanding performance and leadership in all areas relevant to customers, particularly in the role of:

- Leader in quality – for the highest customer benefit
- Leader in innovation – for always being ahead in technology
- Leader in service – for fast, straightforward, reliable and friendly communication
- Leader in expertise – for the best technical and commercial advice on the market
- Leader in problem solving – for custom made solutions



- **Greater safety in the event of fire**
 - Prevention of fire spread on flat roofs as per DIN 18234
 - Smoke removal system for stairwells (also natural ventilation) functions independently of the building's power network as per regulations
- **Triple glazing up to $U_g = 0.6 \text{ W}/(\text{m}^2\text{K})$**
- **Light transmittance of 77%**
- **Effective soundproofing in glazing (e.g. 45 dB)**

- **Wide selection of frame colours, glazing types, models**
(round element, flat element, pyramid, hipped roof)
- **Climate protection and recycling certificates**
Responsible approach also to packaging disposal
- **Outstanding air-tightness** due to the new double balloon-type seal:
Performance Class 4 – as per EN 12207
- **Outstanding watertightness to driving rain** due to the new double balloon-type seal:
Performance Class E 1500 – as per EN 12208



- **Optimal thermal insulation** due to thermal-bridge-free overall structure
- **Fully thermal insulated GRP upstand** with a U value of $< 0.9 \text{ W}/(\text{m}^2\text{K})$
- **First company in the daylight elements sector with universal life cycle assessment:**
EPD: Environmental Product Declaration as per DIN ISO 14025 and EN 15804 (A1-D)

- **Optionally with LAMILUX reflective:**
Upstand clad with **highly reflective aluminium material:** Increase in light permeability by up to 50% and savings on energy for artificial lighting by up to 33%
- **Optional Passive House certification:**
First skylight certified to Passive House Standard with top Passive House efficiency class (pH advanced component) by the Passive House Institute in Darmstadt



- **Professional on-site measurement for renovation**
- **Structural-physical dimensioning, such as isothermal dimensioning**
- **Assistance in drafting bids**
- **Light system dimensioning**

- **Meeting your wishes wherever you need**
Friendly, expert consultation
- **Short, on-schedule delivery times**
- **Daylight element and upstand** are fully pre-assembled



- **Everything from a single source**
Tailor-made all-inclusive solutions for daylight systems, SHEVS, photovoltaics, ventilation and control technology
- **Expertise**
Optimally trained, experienced employees, trained fitters and subcontractors



- **Permanent fall-through protection** (GS-Bau 18) in many sizes
- **Colour finish as per customer requirements**
- **Optional protection against forced entry:**
Resistance Class 2, tested in accordance with DIN V ENV 1627
- **Upstand with anchor point for Personal Protective Equipment (PPE)**
- **Minimised risk of condensation** due to flawless isothermal line

- **Extensive variety of glazing types** in all models
- **Energy efficiency in buildings** boosted due to renovation
- **Comprehensive accessories:**
 - Solar protection
 - Small space ventilation unit
 - Wind and rain sensors
 - Reed contact in frame section
 - Radio remote control
 - Intelligent controls for natural ventilation and solar protection roller blinds