

# LAMILUX ROOFLIGHT F100

## LAMILUX ADDED VALUE AT A GLANCE



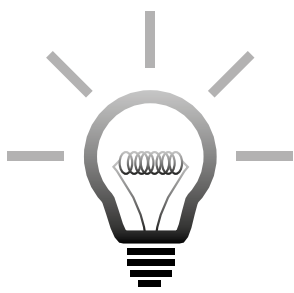
**Customized intelligence – Serving customers is our first priority.**  
This requires outstanding performance and leadership in all areas relevant to customers, particularly in the role of:

- 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



### QUALITY

- **Tested and certified as per EN 1873** (first European product standard for rooflight domes)
- **Structure completely free of thermal bridges**
- **Fully thermally insulated GRP upstand manufactured in own production facility**  
with U value  $\leq 0.9 \text{ W/(m}^2\text{K)}$
- **Preventive fire protection as per DIN 18234**  
Prevention of fire spread on the roof with no additional measures
- **Certified watertightness** in heavy rain and during storms
- **Glazing certified as 'hard roofing'**
- **Optionally available in top hail resistance class HW5**
- **Quality management system** ISO 9001:2008
- **Climate protection and recycling certificates**  
Responsible approach also to packaging disposal



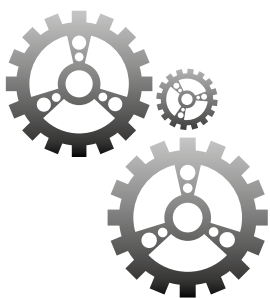
### INNOVATION

- **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%
- **Multi-layered double-sealing system:**  
Minimised risk of condensation and savings on heating costs



### SERVICE

- **Professional on-site measurement for renovations**
- **Structural-physical dimensioning**
- **Optimal assistance in drafting bids**
- **SHEV dimensioning**
- **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
- **Safe and easy installation onto different roof types and sealant systems**
- **PVC connecting rail** for easier attachment to the roofage
- **Professional maintenance, service and repair**



### EXPERTISE

- **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
- **Integrated concept free of thermal bridges due to optimised isothermal characteristics**



### SOLUTION

- **Also available as heat exhaust unit,** certified and classified as per EN 12101-2
- **Solar protection**  
With deciduous tree effect or controllable interior solar protection
- **Insect protection grating**
- **Antifall guard / break-in protection grille** (certified as per GS-Bau 18)
- **Upstand can optionally feature anchor point**
- **Fan or small space ventilator** integrated into upstand
- **Self-cleaning**
- **Renovation of old rooflight domes possible, including those by other manufacturers**
- **Wide range of opening devices**
- **Roof exit**
- **Wind and rain sensors**
- **Wide variety of glazing types** for every requirement