

# LAMILUX CONTINUOUS ROOFLIGHT S

## 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:

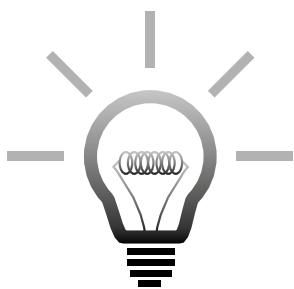
- Leader in quality – for the highest customer benefit
- Leader in innovation – for always being ahead in technology
- Leader in service – for fast, straightforward, reliable and friendly communication
- Leader in expertise – for the best technical and commercial advice on the market
- Leader in problem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



QUALITY

- **Optimum  $U_w$  values (e.g.  $1.3 \text{ W}/(\text{m}^2\text{K})$ )** due to comprehensive thermal protection technology throughout the overall structure
- **Exceptional stability**
- **Thermal protection properties** certified as per ETAG 010
- **Fire behaviour in glazing classified as per** DIN 4102-2 and EN 13501-1 up to B1 and B-s1 d0, also in conjunction with hard roofing
- **Glazing melt-out as per** DIN 18230-1
- **Certified watertightness** in heavy rain and during storms

- **Glazing certified as 'hard roofing' as per** DIN 4102-7/DIN CEN/TS 1187
- **Fall-through protection** as per DIN 18234-3 for certified roofs
- **Hail resistance** up to HW5
- **Quality management system** ISO 9001:2008
- **EC Certificate of Conformity** (test certificate) for Smoke Lift Continuous Rooflight S
- **Climate protection and recycling certificates**  
Responsible approach also to packaging disposal
- **Certified production as per EN 1090**



INNOVATION

- **Energy efficiency**  
Overall structure, including flaps, free of thermal bridges
- **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)
- **Suitable for blower door test (air-tightness)**  
Optional inside seal layer to condition the continuous rooflight for building inspection with 50Pa
- **Wide variety of glazing types**, such as our new chemical-resistant glass made of glass-fibre reinforced composite (10 mm, GFUP, cavity-resistant)

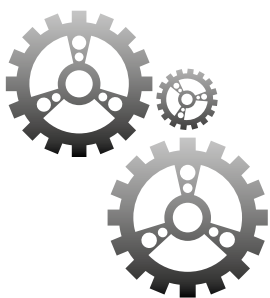
- **The perfect design**  
  
**DTC:** with **Dynamic Torque Control**, glazing is securely mounted in flap frames in such a way that tensioning is optimised  
  
**AEA:** the **Active Expansion Absorber** prevents seals from slipping, thus ensuring a permanently tight, flush joint between the cover strips and the glazing  
  
**ITL:** the **Isothermal Load Converter** ensures optimised isothermal lines consistently lie within the structures and prevents thermal bridges  
  
**LBP:** the **Linear Burn-Through Protection** prevents fire spread on roofs.  
  
**LSS:** the **Lamilux Safety Stripe** guarantees permanent fall-through protection as per GS-Bau-18 for throughout the product's service life  
  
**BDT:** the **Bionically Dynamic Tensioning Technology** ensures flexible force/tension compensation in the overall system



SERVICE

- **Professional on-site measurement for refurbishments**
- **Structural-physical dimensioning and structural calculations**
- **Assistance in drafting bids**
- **SHEV dimensioning**
- **Light system dimensioning**

- **Meeting your wishes wherever you need**  
Friendly, expert consultation
- **Short, on-schedule delivery times**
- **Installation process planning**



EXPERTISE

- **Everything from a single source**  
Tailor-made all-inclusive solutions for daylight, SHEV, photovoltaics, ventilation and control technology
- **Expertise**  
Optimally trained, experienced employees, trained fitters and subcontractors
- **LAMILUX quality certificate**  
We keep our promises

- **Declaration of Performance for building products**
- **Flexibility in modern construction and renovation with three models:**
  - Continuous Rooflight S<sub>30</sub>: harmonious integration into the roofscape
  - Continuous Rooflight S<sub>45</sub>: steeper shape and larger surface for smoke and heat ventilation
  - Continuous Rooflight S<sub>30/60</sub>: optional for integrating photovoltaic systems



SOLUTION

- **SHEV systems** tested and certified as per EN 12101-2
- **Ventilation**
- **Energy efficiency in buildings boosted due to renovation**
- **Layouts tailored to customer's needs**
- **Fall-through protection provided by certified protective structure** for permanent fall-through protection

- **Anchorage point for Personal Protective Equipment (PPE)** certified as per EN 795
- **Comprehensive accessories and optional fittings**
  - Fall-through protection
  - Solar protection
  - Insect shield
  - Fastening system for Personal Protective Equipment (PPE) available