



## CI SYSTEM CONTINUOUS ROOFLIGHT W | R

# INTEGRAL PLANNING – ALL FROM A SINGLE SOURCE

The continuous rooflight range will be complemented: In addition to the CI Systems **Continuous Rooflight B** (cambered) and **Continuous Rooflight S** (gable roof), the new CI Systems **Continuous Rooflight W** (wall) and **Continuous Rooflight R** (renovation) complete our portfolio with immediate effect.

The **Continuous Rooflight W** will be assembled in reveal whereas the **Continuous Rooflight R** will be used especially for renovation of gable and shed roof constructions.

Due to the usage of glazing with improved  $U_g$  values in combination with the standard thermally separated profile system, the product can be used for industrial buildings and warehouses, as well as for installations on sports halls, outlet stores and other scopes of high quality.

This has the advantage that ingress of condensate and the heat transfer of the thermally not separated profiles will be prevented widely.



ANALYSIS

BASIS DETERMINING

FACTORY PLANNING

IMPLEMENTATION OF MEASURES

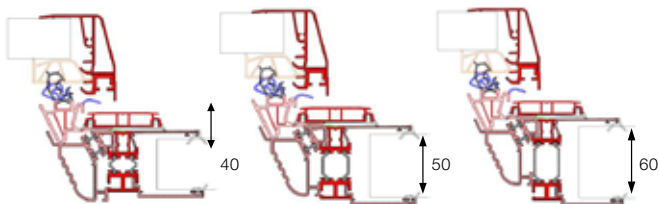
AFTER SALES SERVICE



# CONTINUOUS ROOFLIGHT W/R

## AS NSHEV

**NSHEV (natural smoke and heat exhaust ventilation device) –  
One construction for all glazing variants**



Examined according to DIN EN 12101.

### Size table with effective aerodynamic opening area in m<sup>2</sup>

| Width<br>in mm | Height in mm |      |      |      |
|----------------|--------------|------|------|------|
|                | 830          | 1100 | 1400 | 1690 |
| 1000           | 0.48         | 0.64 | 0.80 | 0.95 |
| 1500           | 0.62         | 0.81 | 1.01 | 1.21 |
| 2000           | 0.97         | 1.30 | 1.61 | 1.81 |
| 2100           | 0.93         | 1.24 | 1.54 | 1.73 |
| 4200           | 1.84         | 2.40 | 2.97 |      |

Example of an installation variant of the LAMILUX Continuous Rooflight W in reveal with NSHEV.





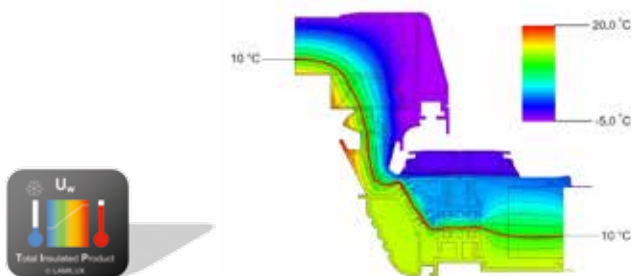
# ENERGY EFFICIENCY

## TIP Technology

Optimised thermal characteristics for consistent heat insulation zones without any weak spots provide superior heat protection in all sections throughout the structure – evidence of optimum energy efficiency.

LAMILUX prices this construction, which is free of thermal bridges and thermally separated, with the TIP label.

The energy efficiency capacities are calculated and tested according to DIN EN 10077 T1 and T2.



## Glazing

PC40-4

$U_g$  (vertical | horizontal installation)

1.5 W/(m<sup>2</sup>K) | 1.6 W/(m<sup>2</sup>K)

PC40-7

$U_g$  (vertical | horizontal installation)

1.1 W/(m<sup>2</sup>K) | 1.2 W/(m<sup>2</sup>K)

PC50-10

$U_g$  (vertical | horizontal installation)

0.87 W/(m<sup>2</sup>K) | 0.89 W/(m<sup>2</sup>K)

PC60-12

$U_g$  (vertical | horizontal installation)

0.75 W/(m<sup>2</sup>K) | 0.77 W/(m<sup>2</sup>K)





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**LAMILUX** daylight systems!



ROOFLIGHT DOME F100



ROOFLIGHT DOME F100 ROUND  
GLASS ELEMENT F100 ROUND



CONTINUOUS  
ROOFLIGHT B



GLASS ARCHITECTURE PR60



SMOKE AND HEAT EXHAUST  
VENTILATION SYSTEMS



BUILDING CONTROL SYSTEMS



GLASS ELEMENT F



CONTINUOUS  
ROOFLIGHT W|R



CONTINUOUS  
ROOFLIGHT S



RENOVATION



SMOKE LIFT TWIN



FIBRE-REINFORCED  
COMPOSITES

The technical data printed in this brochure was accurate when this brochure went to press and is subject to change without notice. Our technical specifications are based on calculations and supplier specifications, or have been determined by independent testing authorities within the scope of applicable standards. Thermal transmission coefficients for our composite glazing were calculated using the finite element method with reference values in accordance with DIN EN 673 for insulated glass. Based on empirical values and specific characteristics of the plastics, a temperature vector of 15 K was defined as the vector between the outer surfaces of the material. Functional values refer to test specimens and the dimensions used in testing only. We cannot provide any further guarantees of technical values. This particularly applies to changes in installation locations, or if dimensions are re-measured on site.



**LAMILUX Heinrich Strunz GmbH**

Zehstraße 2 · PO Box 1540 · 95111 Rehau · Tel.: +49 (0) 92 83 / 5 95-0 · Fax +49 (0) 92 83 / 5 95-29 0

E-Mail: [information@lamilux.de](mailto:information@lamilux.de) · [www.lamilux.com](http://www.lamilux.com)

