Reference

CI system continuous rooflight b

Schneider Electric, Regensburg, Germany

Essential Info

Place / country:	Regensburg, Germany
Year:	2011
Building type:	Production shed
Solutions:	Continuous Rooflight B Adapter frames Hollow polycarbonate sections Smoke Lift Continuous Rooflight B Electric motorised opener Wind and rain sensors
Efficiency:	44% energy saving **Uw=1,7 W/(m²K)** **vs. Uw=3,1 W/(m²K) as per German Energy Performance of Buildings Directive 2009**

Complete production plant rehabilitation due to very poor Uw values. All work was carried out while production continued as normal.

- Continuous rooflights designed and installed with a Uw value of 1.7 W/(m²K) as per EN ISO 10077-1
- Adapter frames to hold the new continuous continuous rooflight systems on the existing supporting structure
- Multi-layer glazing in an opal, glare-reducing design; U-value = 1.6 W/(m²K), 37% light transmission and 39% total energy transmission
- Double flap systems with CO2 remote and thermal release for SHEV function
- Wind and rain sensors with optical display
- CO2 alarm stations
- SPC control for ventilation function

LAMILUX HEINRICH STRUNZ GMBH
POB 1540 - 95105 Rehau/Germany - Phone: +49 (0)9283/595-0 - Fax: +49 (0)9283/595-290
E-Mail: information@lamilux.com - www.lamilux.com

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