



Rhein-Galerie, Ludwigshafen, Germany

Essential info

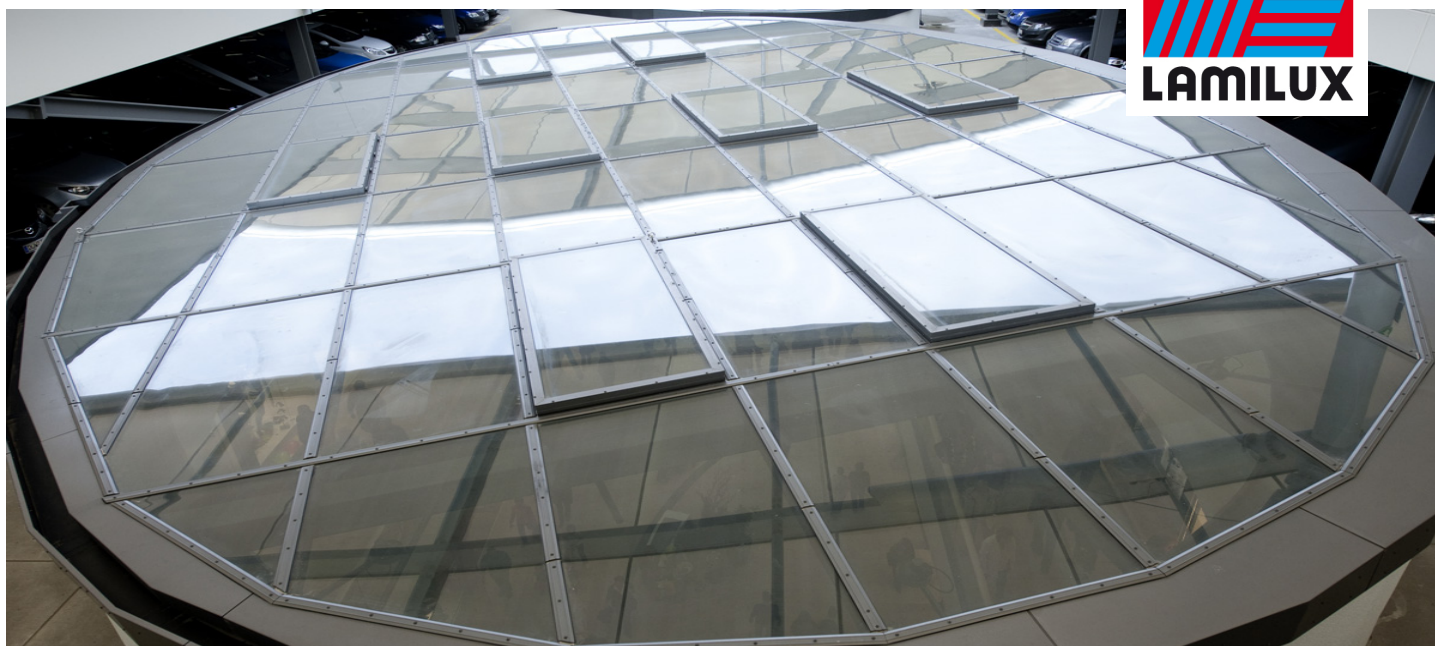
Place / Country:	Ludwigshafen am Rhein, Germany
Year:	2010
Building type:	Shopping mall
Solutions:	CI System Ventilation Flap M CI System Glass Architecture KWS 60 Building automation / CI Control Technology Pneumatic upstroke opener (tandem drives) Heat insulation glazing
Efficiency:	32% energy saving Uw=1,3 W/(m²K) vs. Uw=1,9 W/(m²K) as per German Energy Performance of Buildings Directive 2009

330 metres long, this two-storey shopping mall is provided with plenty of natural daylight thanks to several elliptic glass structures with a total surface of 2,900 m² along the length of its gallery. This results in lower power requirements for electric lighting, which, in turn, considerably reduces CO2 emissions into the environment.

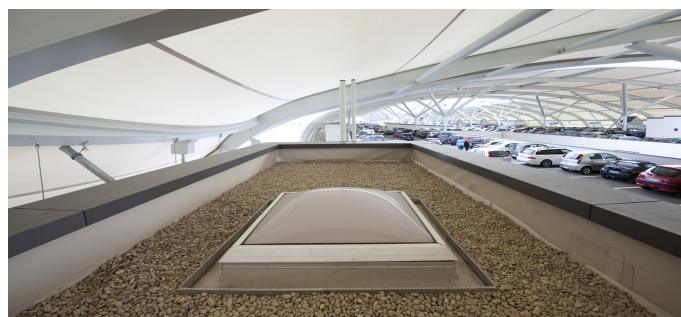
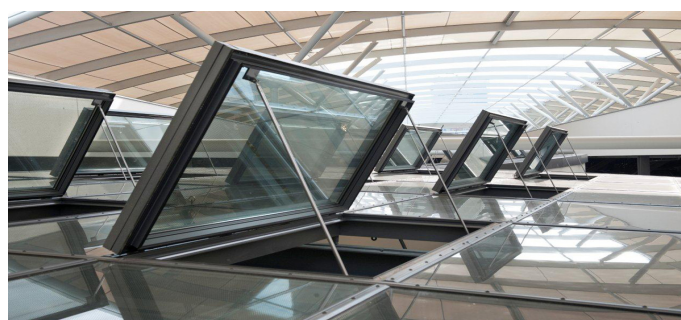
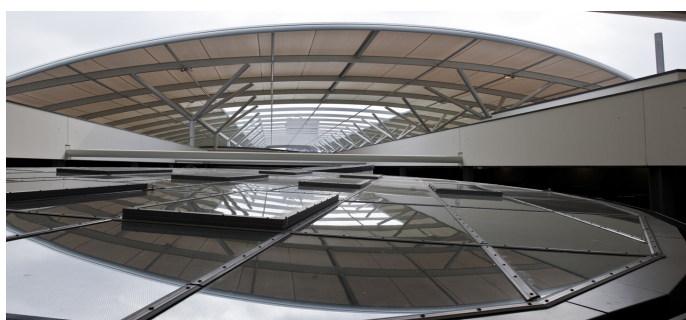
- Integrated flap systems for SHEV function and natural ventilation; light transmission tested to EN 12207 (Class 4), watertightness as per EN 12208 (Class E1200), resistance under wind load as per EN 12210 (Class C4/B5)
- Thermally separated, extruded aluminium sections
- Conceptual design and installation of control devices
- Control process automation for SHEV and ventilation functions
- Connected to building control technology via Modbus connection



LAMILUX Gebäudeautomation



Rhein-Galerie, Ludwigshafen, Germany



LAMILUX HEINRICH STRUNZ GMBH

Zehstraße 2 - Postfach 1540 - 95105 Rehau ☐☐ - ☐☐☐+49/(0)92 83/5 95-0 - ☐☐☐+49/(0)92 83/5 95-29 0

☐☐☐☐ information@lamilux.de - www.lamilux.de