

Reference

LAMILUX CI SYSTEM GLASS ELEMENT F



Library at Humboldt University, Berlin

Essential Information

Place / country:	Berlin, Germany
Year:	2009
Building type:	Administrative building
Solutions:	Glass Skylight FE SHEV flap Solar protection glazing
Efficiency:	42% energy saving $U_w=1.1 \text{ W/(m}^2\text{K)}$ vs. $U_w=1.9 \text{ W/(m}^2\text{K)}$ as per German Energy Performance of Buildings Directive 2009

Creation of a quiet, focussed, working environment in the main library and reading room area in the new building thanks to optimum daylight intake. Also stringent requirements for daylight elements regarding heat insulation.

- Flat, fixed glazing glass roof elements, installed at a slight incline of 3°
- Flat glass elements with SHEV flaps for natural ventilation and SHEV system
- Upstand structures made of fibre-reinforced composite with inside trimming made of sheet steel
- Thermally separated, extruded aluminium sections
- Solar protection glass which can be walked on for cleaning and maintenance purposes, 50% light transmission and 17% energy transmission

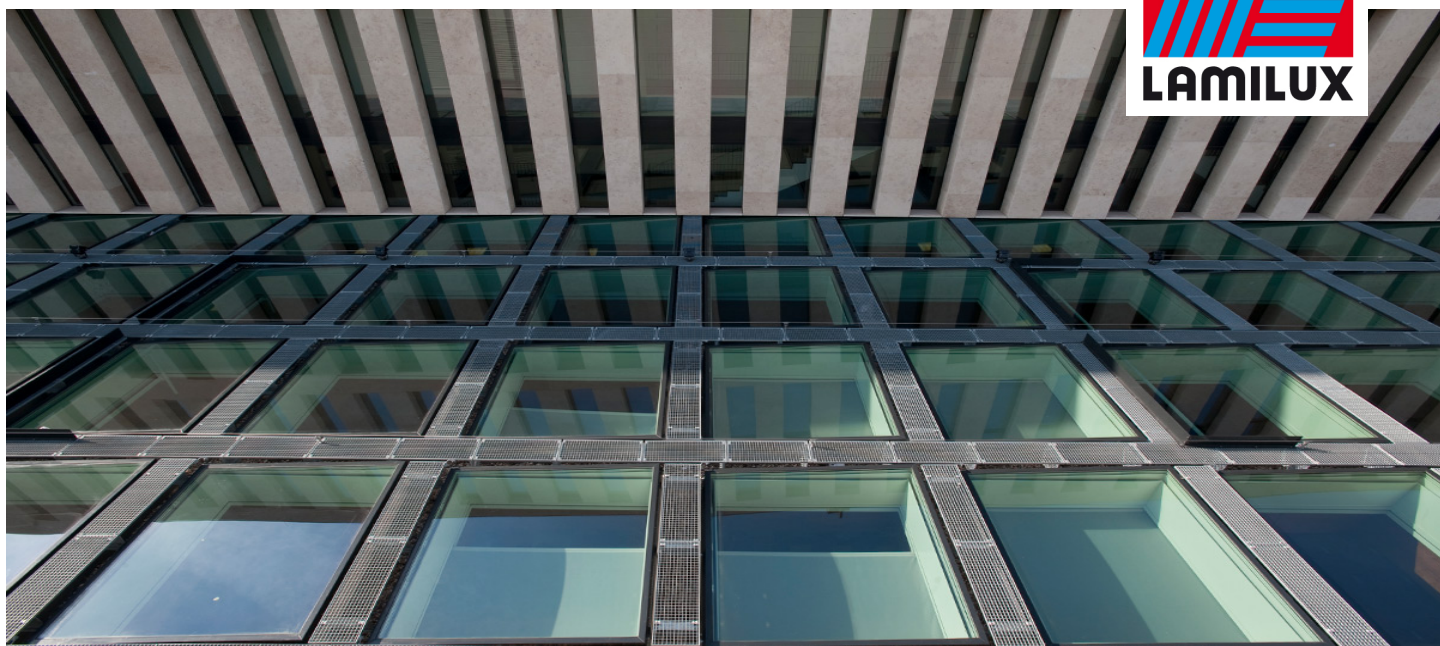
LAMILUX HEINRICH STRUNZ GMBH

POB 1540 - 95105 Rehau/Germany - Phone: +49 (0)9283/595-0 - Fax: +49 (0)9283/595-290

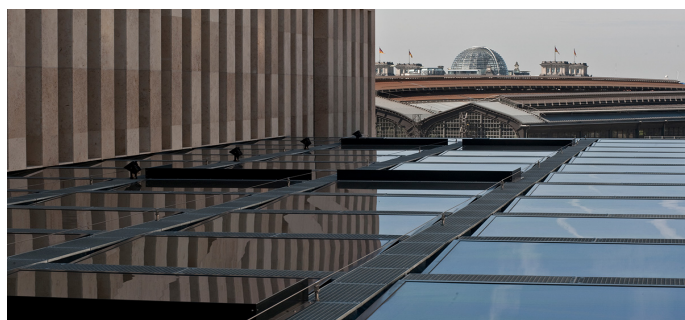
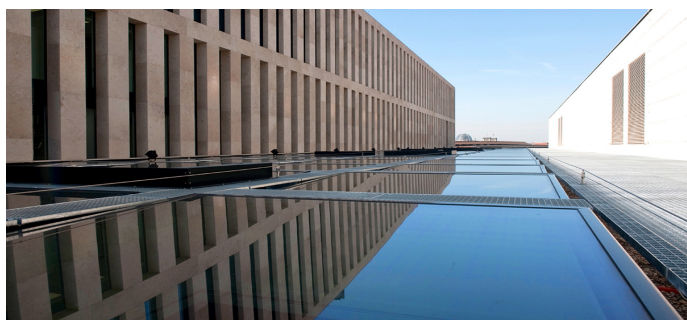
E-Mail: information@lamilux.com - www.lamilux.com

Reference

LAMILUX CI SYSTEM GLASS ELEMENT F



Library at Humboldt University, Berlin



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