

# 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 <b>Uw=1.1 W/(m<sup>2</sup>K)</b> <b>vs. Uw=1.9 W/(m<sup>2</sup>K) as per German Energy Performance of Buildings Directive 2009</b>

**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

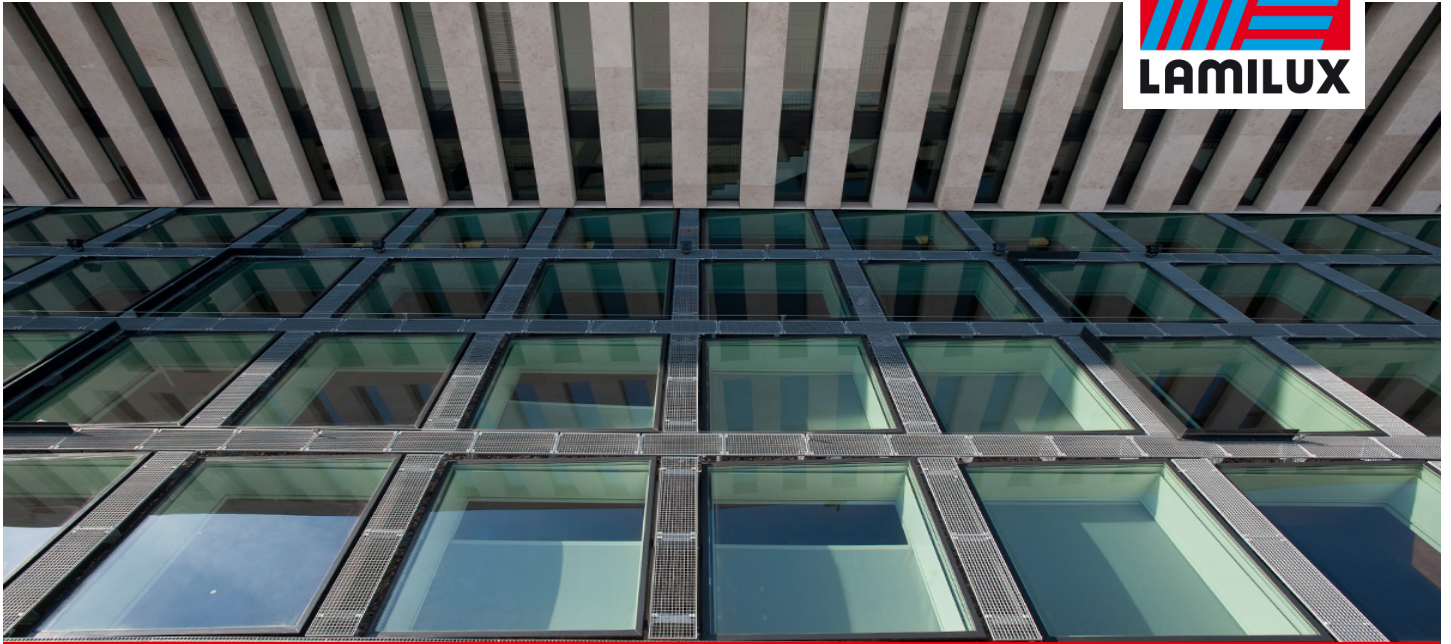
LAMILUX HEINRICH STRUNZ GMBH

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

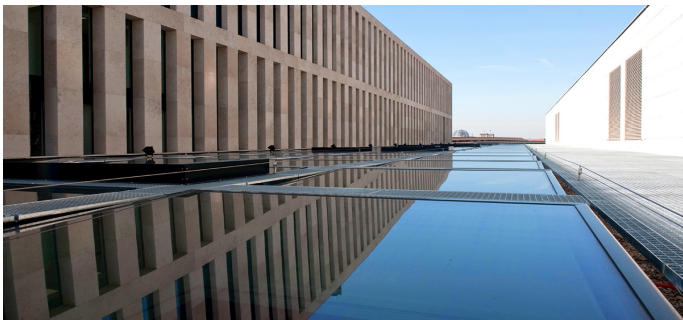
E-Mail: [information@lamilux.com](mailto:information@lamilux.com) - [www.lamilux.com](http://www.lamilux.com)

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