

Library at Humboldt University, Berlin

## Essential Information

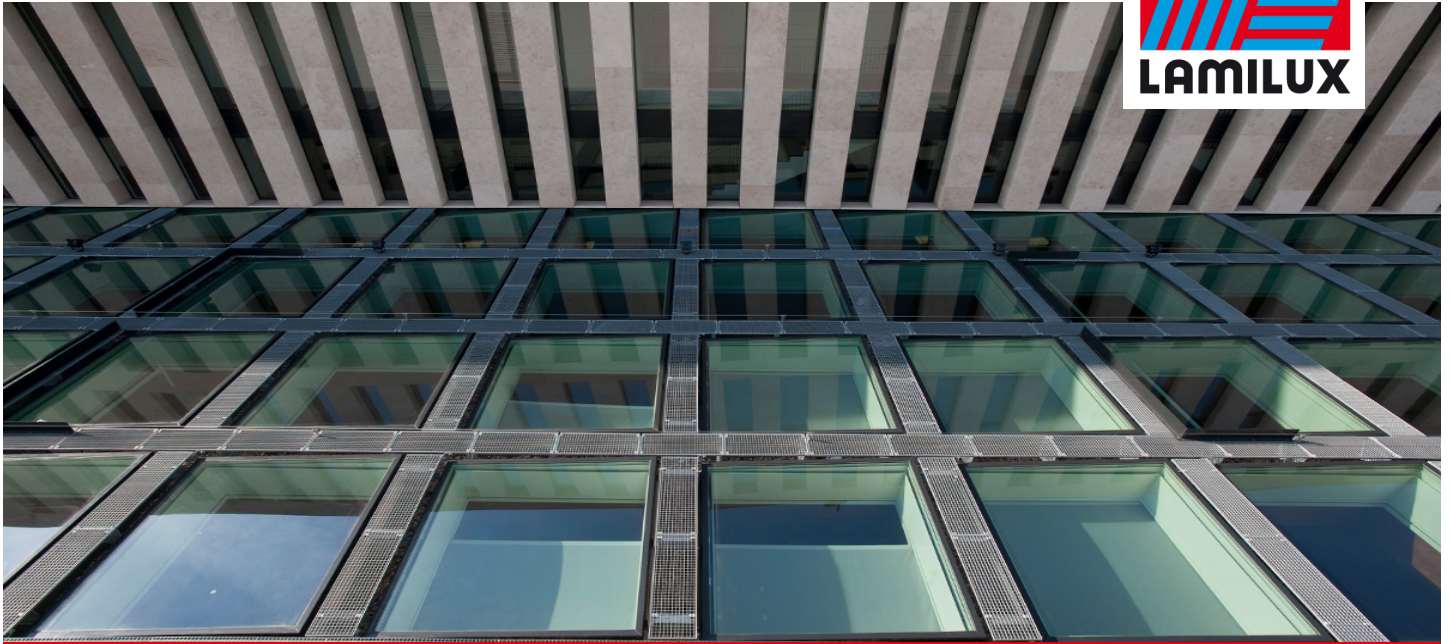
Place / country:	Berlin, Germany
Year:	2009
Building type:	Administrative building
Solutions:	Glass Skylight FE SHEV flap Solar protection glazing
Efficiency:	42% energy saving <b>Uw=1.1 W/(m<sup>2</sup>K)</b> <b>vs. Uw=1.9 W/(m<sup>2</sup>K) as per German Energy Performance of Buildings Directive 2009</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.**

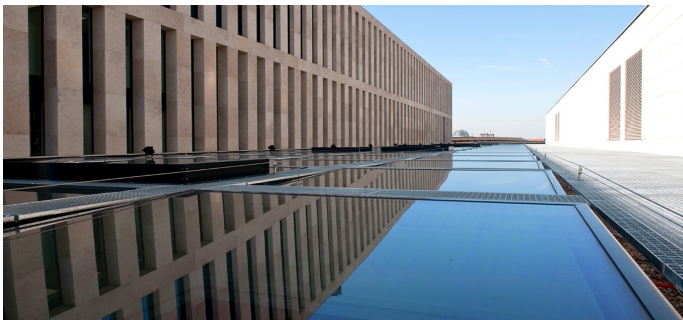
- Flat, fixed glazing glass roof elements, installed at a slight incline of 3°
- Flat glass elements with SHEV flaps for natural ventilation and SHEV system
- Upstand structures made of fibre-reinforced composite with inside trimming made of sheet steel
- Thermally separated, extruded aluminium sections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

# Referans

LAMILUX CI-System Glaselement FE



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