TGLslp BT50

DATA SHEET

construction description

- Louvre windows for installation in vertical facades
- Frame and sash profiles thermally separated,
- Manufactured from a composite of aluminum and PA6.6 / PT profiles
- the slats consist of thermally separated extruded aluminum profiles with a flush look
- the Up value of the slats is 1.6 W/m²K
- Louvre windows consist of one or more louvres lying one on top of the other, which open as pivoting sashes via a horizontal axis of rotation. The part of the wing below the axis of rotation opens outwards and the part above it opens inwards. As a rule, the axis of rotation is in the middle of the slat height; can also be postponed up to 1/3 - 2/3 after technical clarification
- Standard with 78° opening angle, if required also from 0° - 90°

profile dimensions

- Frame depth: 50 mm
- Frame view width: 38 mm

seals

- laterally with brush seal
- horizontal profile joints with brush and EPDM seal

fittings

- Fittings are concealed
- made of corrosion-free materials or galvanized

Possible operations

Manually
- hand lever
- articulated crank rod

motoric
- 230V - AC
- 24 V - DC (approved for NSHEV)

Pneumatic
- Pneumatic cylinder (approved for NSHEV)

NSHEV CERTIFIED EN 12 101-2

surfaces

- Profiles anodised, powder or wet paint coated in RAL, NCS, DB or special colour

areas of application

- for ventilation
- as NSHEV according to DIN EN 12101-2
- for installation in vertical facades (further applications after technical clarification)

Possible sizes

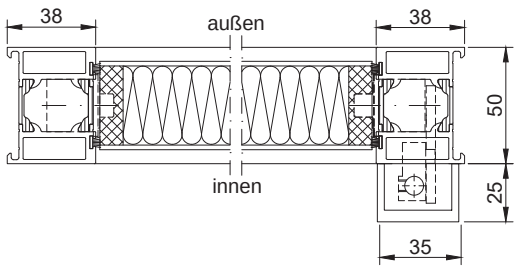
- minimum frame width: 300 mm
- maximum frame width: 1800 mm (wider elements only with division by middle post)
- Slat height fixed: 174, 192, 200, 211, 275, 344 mm

EuroLam

EuroLam GmbH
Kupferstrasse 1
99510 Wiegendorf
GERMANY

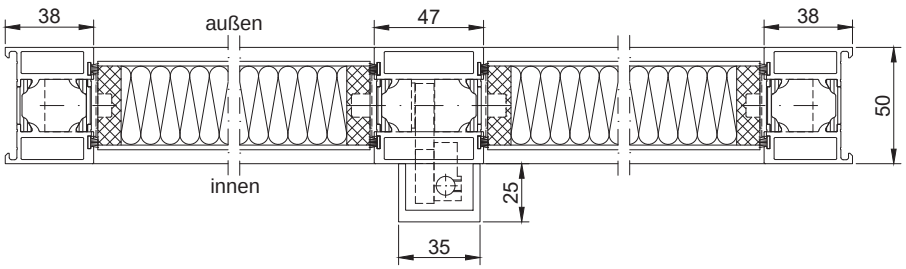
Fon +49 (0) 36462 33 88 0
Fax +49 (0) 36462 33 88 13
Mail info@eurolam.de
Web www.eurolam.de

Horizontal section single row
(shown without control element)



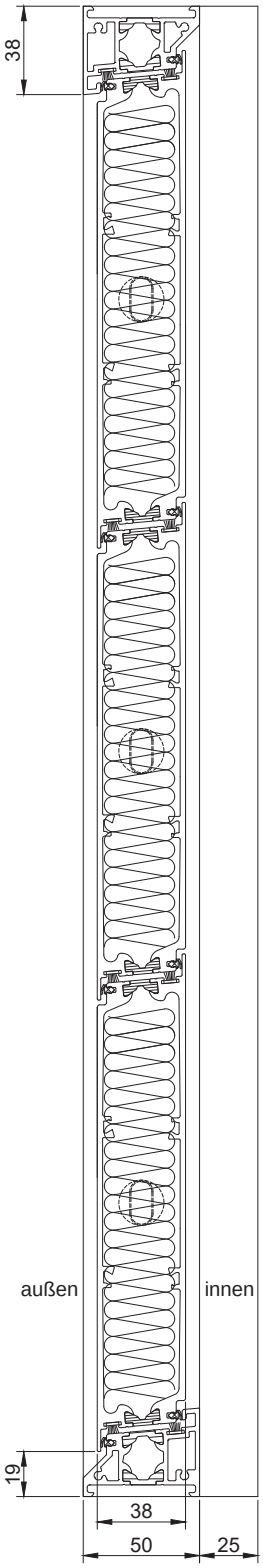
EuroLam louvre windows single row

Horizontal section in two rows
(shown without control element)



EuroLam louvre window double row

vertical section
(shown without control element)



certifications

Tested according to DIN EN 14351-1:2006 + A1:2010

- Driving rain tightness class 7A (DIN EN 12207)
- Joint passage class 4 (DIN EN 12208)
- Wind resistance class C5 (DIN EN 12210)
- Durability Class 3 (DIN EN 1191)

Tested according to DIN EN 12101-2:2003

- Aerodynamics (Attachment B)
- Functional safety RE 1000 (Attachment C)
- Function under loads SL 0 (Attachment D)
- Function at low temperatures T(-20) (Attachment E)
- Stability under wind load WL 3000 (Attachment F)
- Heat resistance B 300 E (Attachment G)

More exams

- Fall protection (DIN EN 18008-4:2013)

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Web www.eurolam.de