

construction description

- Frame made of non-insulated, extruded aluminum profiles
- Wings made of point-fixed all-glass panes
- Horizontal glass edges overlap at an angle of 30°
- 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 felt and brush seal
- Silicone frame seal

fittings

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

Possible operations

Manually

- hand lever
- articulated crank rod

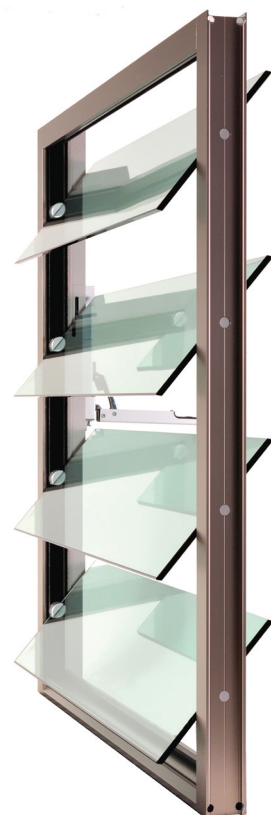
motoric

- 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

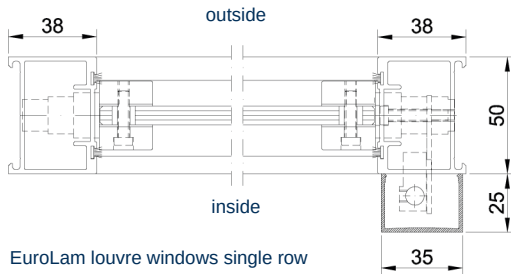
areas of application

- for ventilation
- as NSHEV according to DIN EN 12101-2
- for installation in vertical facade
- especially for use as a second skin and curtain wall (further applications after technical clarification)

Possible sizes

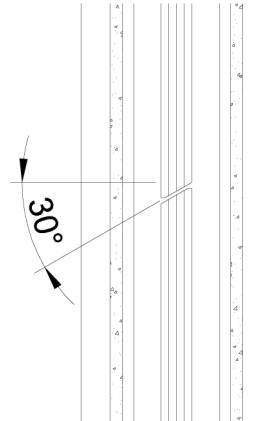
- minimum frame width: 300 mm
- maximum frame width: 1500 mm
- as NSHEV up to 1400 mm (wider elements only with division by middle post)
- Slat height variable: 120 mm to 300 mm

Horizontal section single row
(shown without control element)

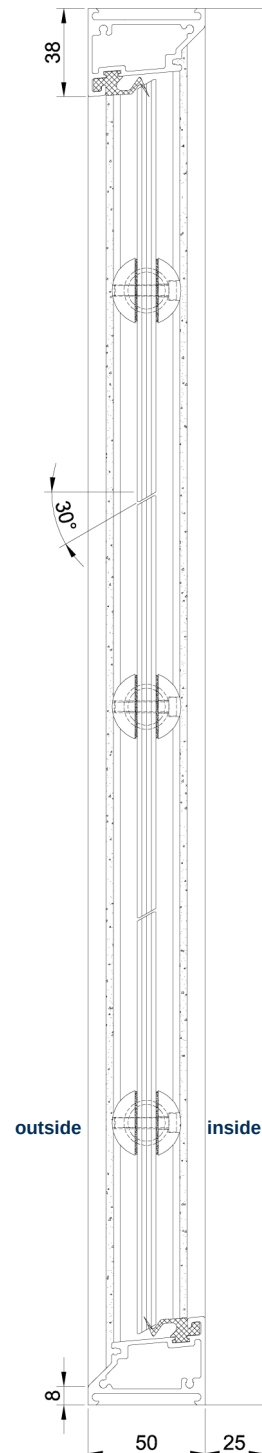


EuroLam louvre windows single row

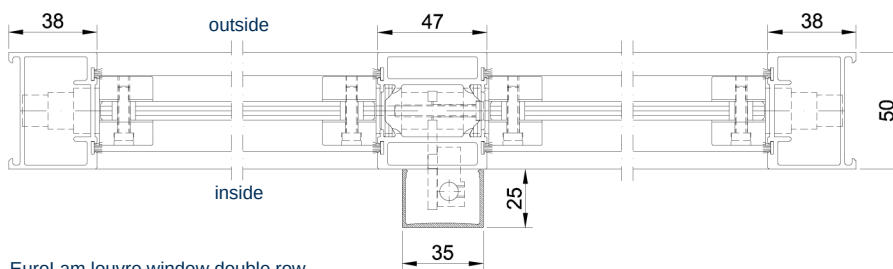
Wing joint detail 1:2



vertical section
(shown without control element)



Horizontal section in two rows
(shown without control element)



EuroLam louvre window double row

certifications

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

- 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(0) (attachment E)
- Stability under wind load WL 1500 (attachment F)
- Heat resistance B 300 E (attachment G)