L.050W / L.050WS < Blade types

Extruded aluminium blade

L.050W
The new patented system RENSON® Linius® L.050W is an aesthetically elegant high performance louvre. The system consists of water-resistant blades which have been tested up to 3.0 m/s according to HEVAC class A2 (see p. 54). They are easy to install and barely visible, thanks to being clip mounted to blade supports which accompany the system. Other unique features of this system include excellent air flow, a good physical free area and the blade's large unsupported span between two mullions.
This system L.050W can be provided with an optional frame profile L.050W.21 - see Aluminium frames.

L.050WS
To provide a matching aesthetic blade, the L.050WS blade is available as part of the system. The blade can be used for non active areas or where high performance without weather restistance is required. Visually the two systems appear the same.

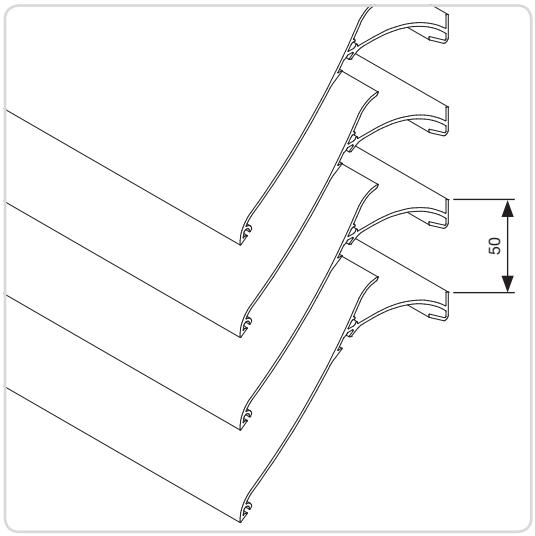
Materials
Aluminium extrusion, alloy EN AW 6063 T66

Finish
- Anodised (20 micron)
- Polyester powder coating RAL or Syntha Pulvin® colours (60 - 80 µ/40 µ (UK))

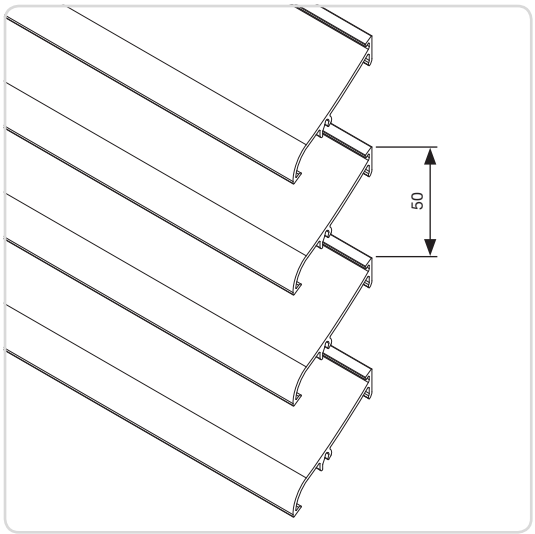
Mesh
Fixed to rear of the support structure.

Blade support L.050W
- Blade support: type L.050W.11 (width: 34 mm)

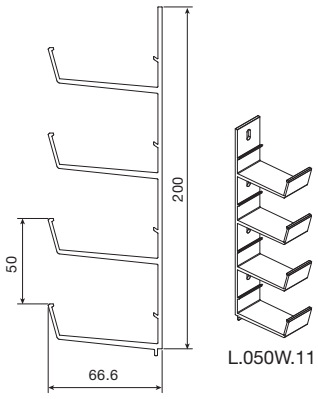
Blade support L.050WS
- Single blade support: type L.050.110
- Double blade support for thermal expansion: type L.050.120



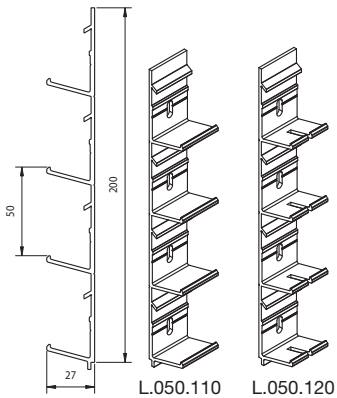
L.050W



L.050WS



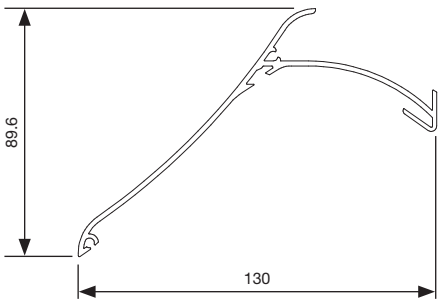
L.050W.11



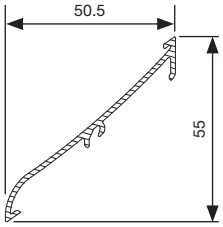
L.050.110 L.050.120

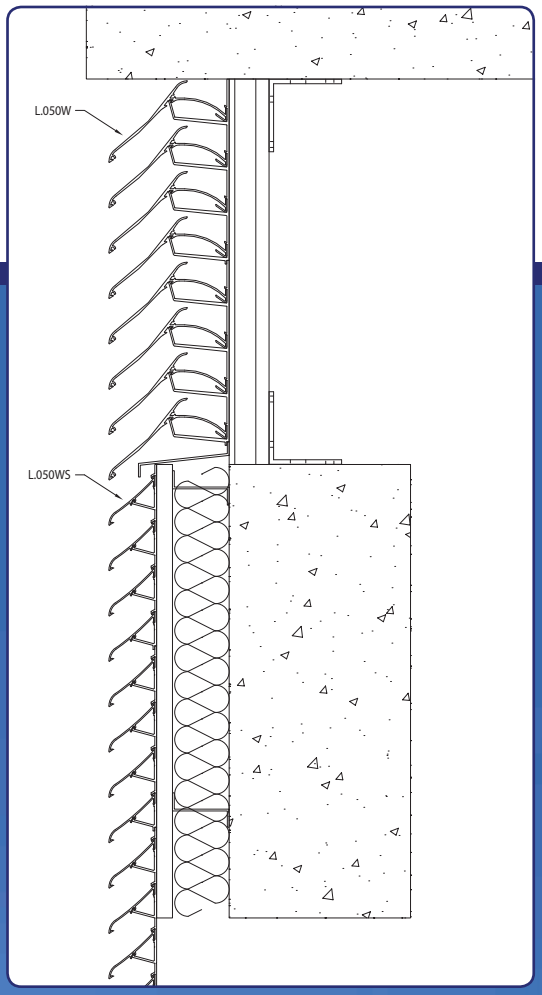
Technical drawings

L.050W



L.050WS





Technical data

	L.050W
Pitch	50 mm
Depth	130 mm
Height	90 mm
Watertightness	A2 tem 3,0m/s
Physical free area	57%
K-Factor*, supply	10,47
C_e-coëfficient	0,309
C_d-coëfficient	0,246
Max. unsupported span between two mullions**	1900 mm

	L.050WS
Pitch	50 mm
Depth	50 mm
Height	55 mm
Watertightness	-
Physical free area	59%
K-Factor*, supply	6,09
C_e-coëfficient	0,406
C_d-coëfficient	0,382
Max. unsupported span between two mullions**	950 mm

** Definition see p. 52*
*** At qb 800 Pa wind pressure*