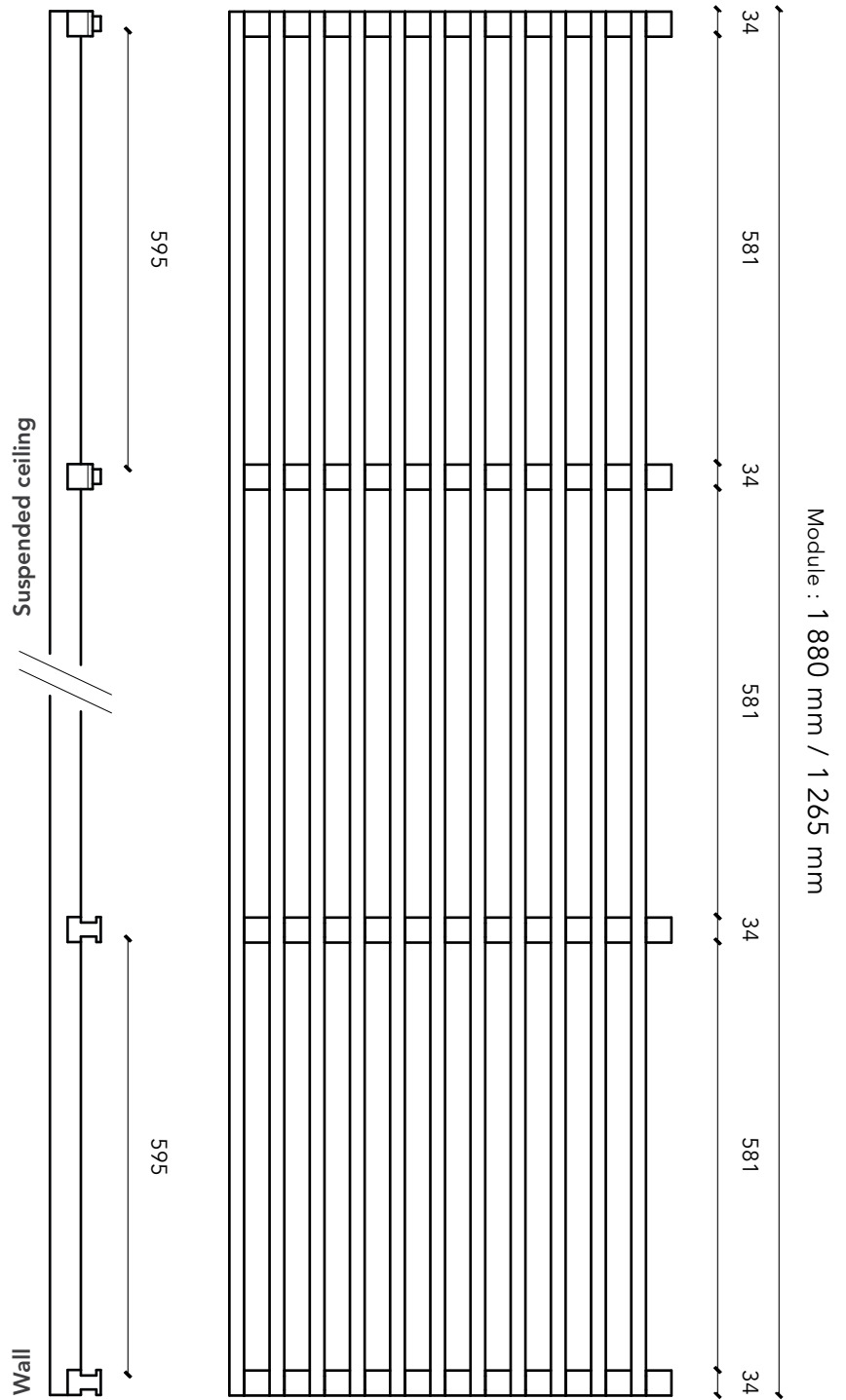
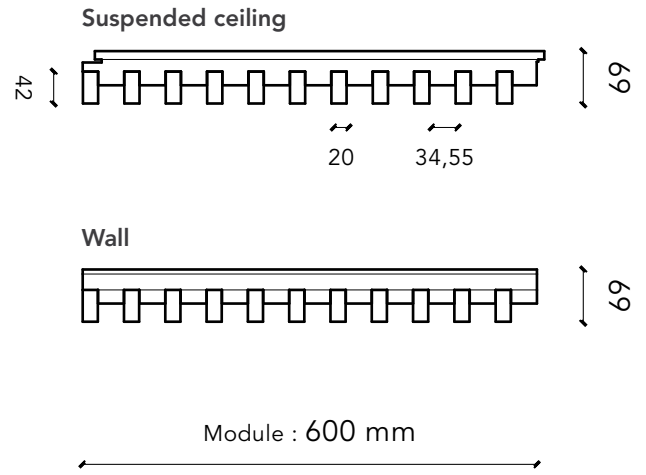
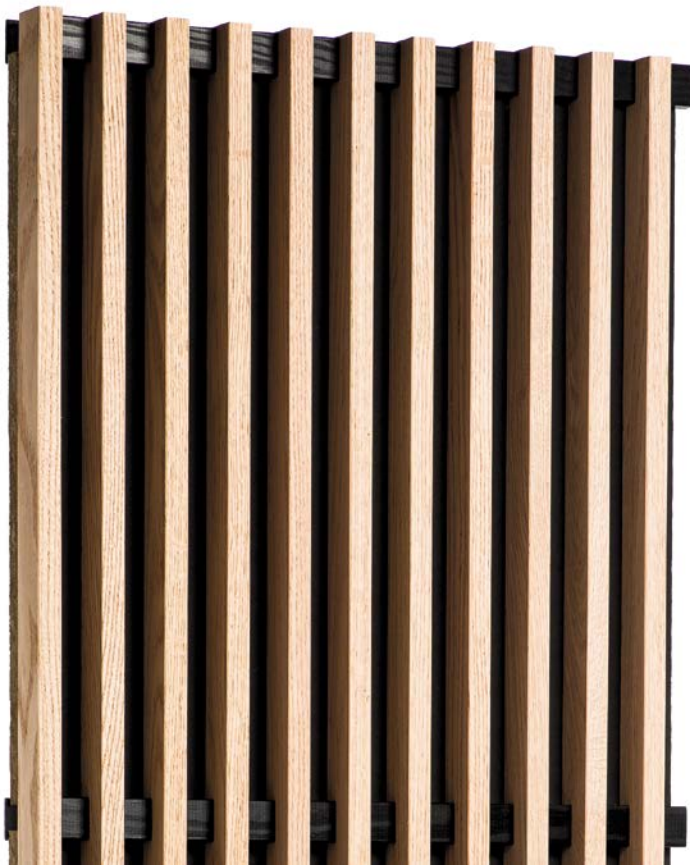


LINEA 2.4.3

LINEA RANGE
INTERIOR





TECHNICAL CHARACTERISTICS

Panel dimensions	1880 x 600 mm and 1265 x 600 mm
Cross-section of slats	20 mm (face) x 42 mm (height)
Spacing between slats	34.54 mm
Centre distance of slats	54.54 mm
Black rear counter-slats	34 x 45 mm
Overall thickness	69 mm
Wood species	Pine, Oak, Douglas fir
Surface mass (pine)	12.4 kg/m ²
Surface mass (oak)	16.1 kg/m ²
Surface mass (douglas fir)	12.2 kg/m ²
Surface mass (spruce)	-
Openness percentage	63%

Rear surface: rigid acoustic rock wool tiles 120 kg/m³ surfaced with a black gauze (format : 600 x 600 mm; 20 mm or 22 mm thick)
Not supplied by Laudescher

FITTING SYSTEM

Suspended ceiling

Fitting on T24 grid system:
 - As per DTU 58-1
 - As per EN 13964

Wall cladding

Mechanical fixing by screwing:
 - As per DTU 36-2
 - As per EN 14915

FINISH / REACTION TO FIRE (AS PER EN 13501-1)

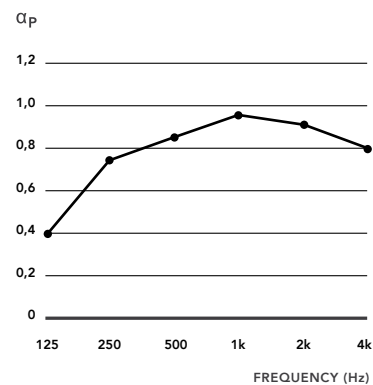
Natural	D-s2,d0 / B-s1,d0 / B-s2,d0
Varnish	D-s2,d0 / B-s1,d0 / B-s2,d0
Wax Color	D-s2,d0 / B-s1,d0 / B-s2,d0
Wax Color + varnish	D-s2,d0 / B-s1,d0 / B-s2,d0

ACOUSTIC RESULTS

Acoustic absorption was measured as per the ISO 354 standard. The various data relating to acoustic absorption (α_p , α_w , absorption class) have been calculated in compliance with the ISO 11654 standard (LINEA + acoustic supplement).

LINEA 2.4.3 CEILING + LR 20mm on E250 mm plenum

ACOUSTIC ABSORPTION COEFFICIENT



WEIGHTED INDEX:

$\alpha_w = 0.9$

ABSORPTION CLASS:

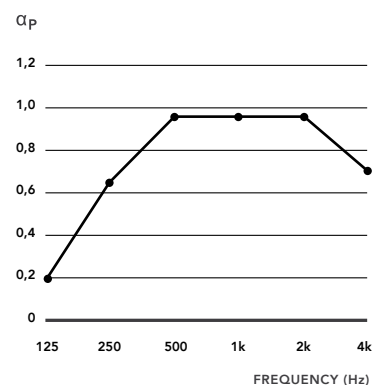
Class A

AS PER ASTM C423:

NRC = 0.9

LINEA 2.4.3 WALL + LR 20mm on E50 mm plenum

ACOUSTIC ABSORPTION COEFFICIENT



WEIGHTED INDEX:

$\alpha_w = 0.85$

ABSORPTION CLASS:

Class B

AS PER ASTM C423:

NRC = 0.9