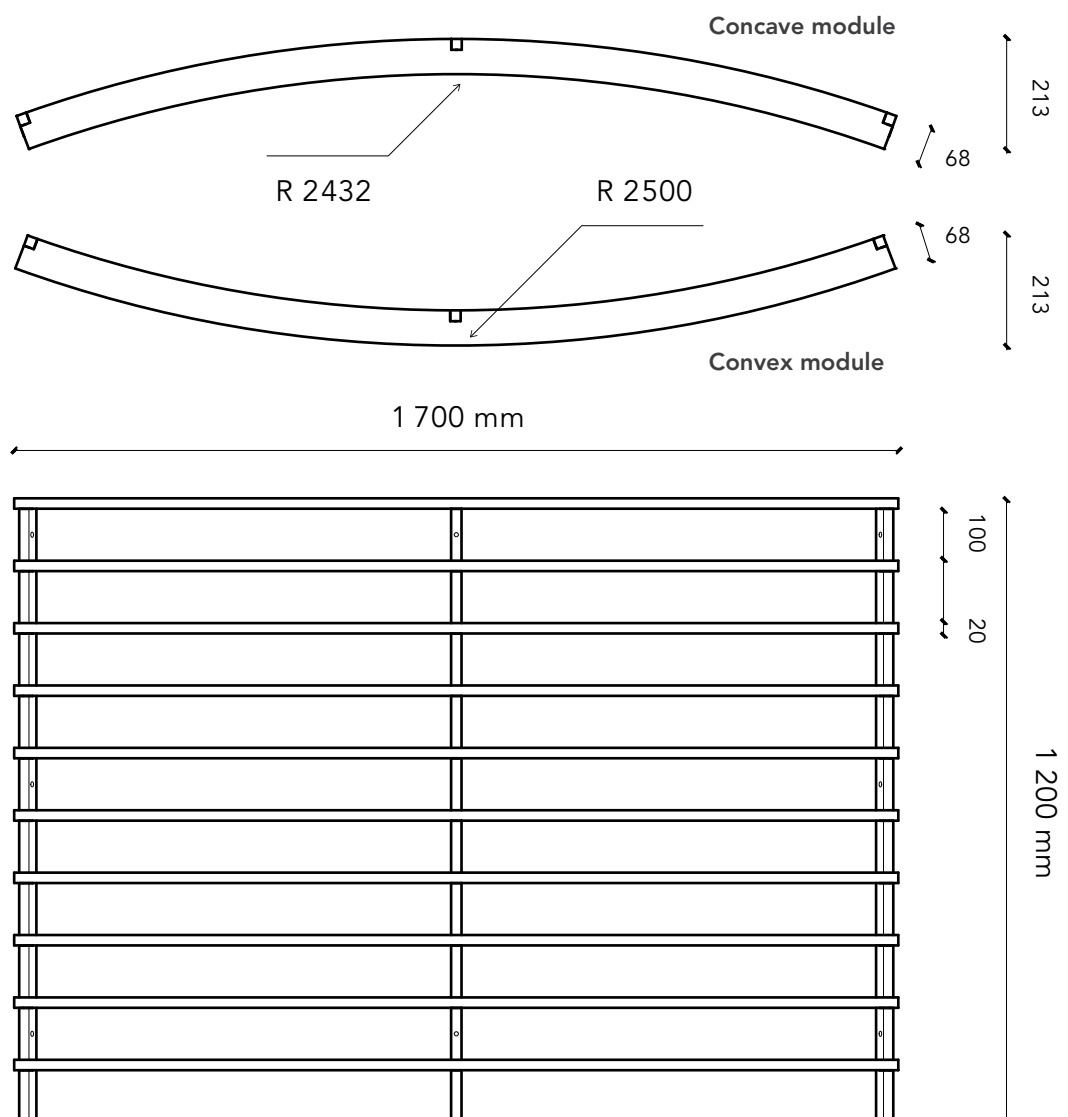
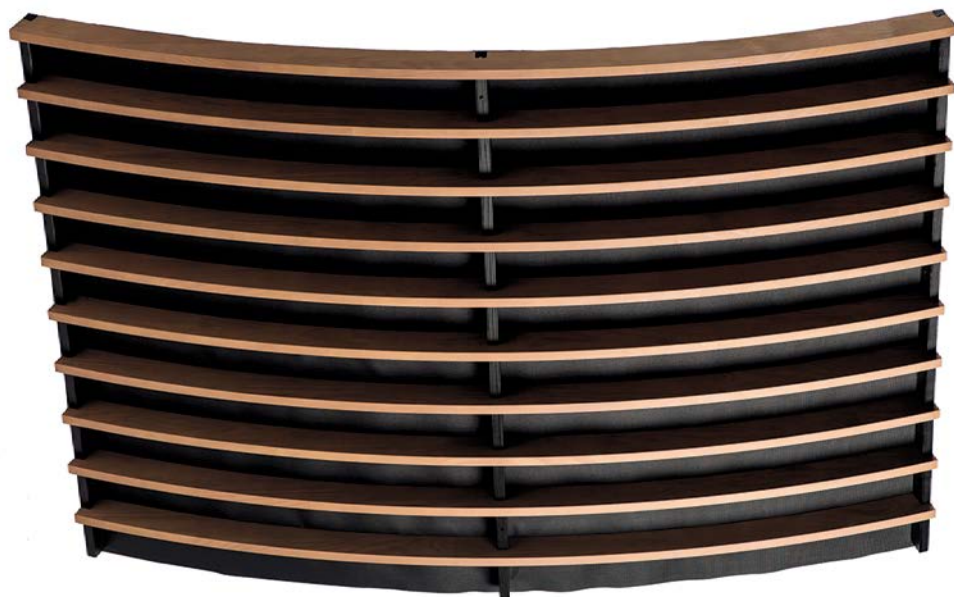
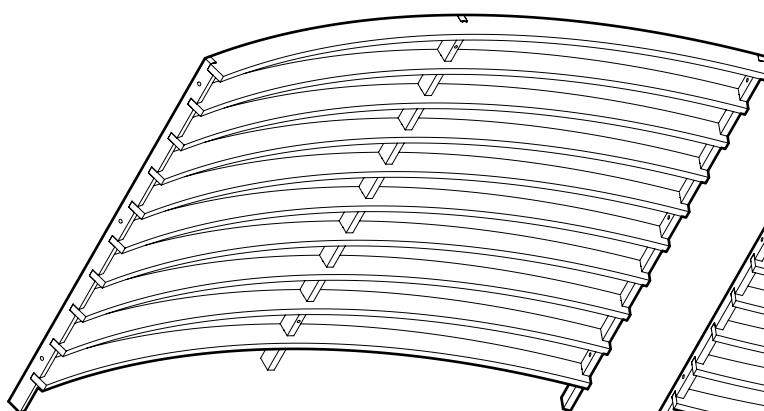


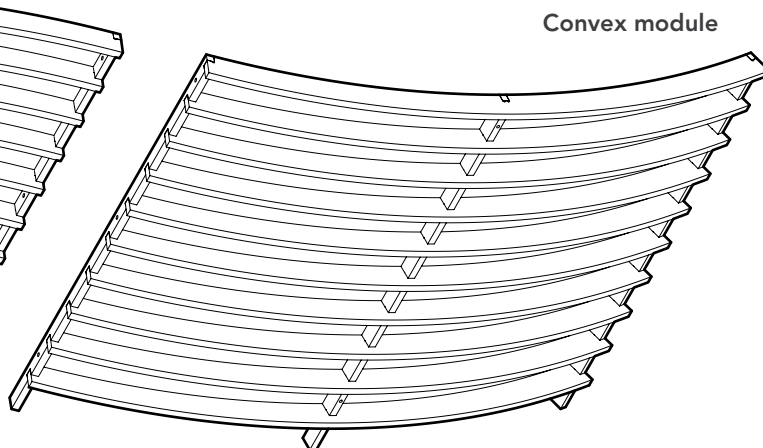
LINEA SWELL

LINEA RANGE
INTERIOR





Concave module



Convex module

TECHNICAL CHARACTERISTICS

Panel dimensions	1,720 x 1,200 mm
Cross-section of slats	20 mm (face) x 68 mm (height)
Spacing between slats	100 mm
Centre distance of slats	120 mm
Black rear counter-slats	20 x 42 mm
Overall thickness	213 mm
Wood species	Latted pine, latted oak
Surface mass (pine)	9.8 kg/m ²
Surface mass (oak)	12.4 kg/m ²
Openness percentage	83%

Rear surface: fabric LAU 301; acoustic version with fabric LAU 301 and rock wool 26,5 to 36 kg/m³ (45 mm thick)
Rock wool not supplied by Laudescher

FITTING SYSTEM

Suspended ceiling

Fitting on threaded rods:
– As per DTU 58-1
– As per EN 13964

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

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

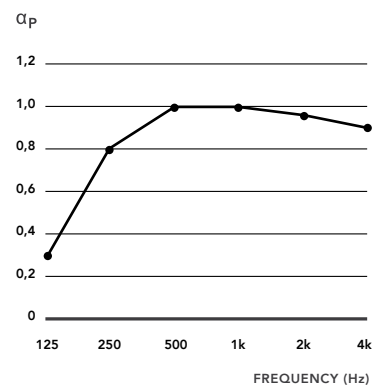
ACOUSTIC RESULTS

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 according to ISO 11654 standard (LINEA + acoustic supplement).

LINEA SWELL CEILING

+ LAU 301 + LR 45 mm on E400 mm plenum

ACOUSTIC ABSORPTION COEFFICIENT



WEIGHTED INDEX:

$\alpha_w = 1$

ABSORPTION CLASS:

Class A

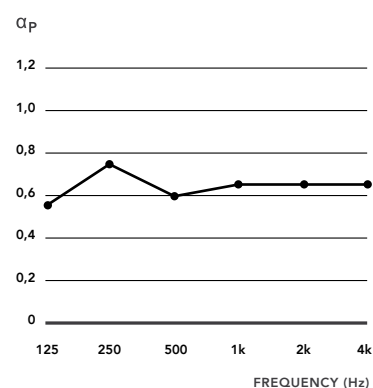
AS PER ASTM C423:

NRC = 0.95

LINEA SWELL CEILING

+ LAU 301 on E400 mm plenum

ACOUSTIC ABSORPTION COEFFICIENT



WEIGHTED INDEX:

$\alpha_w = 0.65$

ABSORPTION CLASS:

Class C

AS PER ASTM C423:

NRC = 0.65