

Acoustic datasheet

LIGHTFIELDS 3 – Acoustic Element L12

- Light Fields III Original Size: 1164 x 267 x 50/51 mm; size with attached acoustic accessory: 1164 x 802 x 50/51 mm
- Diffuser is a 3D fabric (Acoustic Light Shaper). It consists of coated polyester fiber die that is woven in an open cassette structure with a second layer fiber glass fabric behind it
- Glow wire test: 650°C

Acoustic data

Frequency [Hz]	A _{Obj} 1/3 octave	A _{Obj} octave
100	0,2	0,27
125	0,2	
160	0,4	
200	0,5	0,63
250	0,6	
315	0,8	
400	0,8	0,9
500	0,9	
630	1	
800	1,1	1,2
1000	1,2	
1250	1,3	
1600	1,4	1,4
2000	1,4	
2500	1,4	
3150	1,4	1,4
4000	1,4	
5000	1,4	

A_{Obj}...Equivalent sound absorption area [m²]

All acoustic measurement have been performed in an accredited external laboratory. Ambient conditions during acoustic measurement: Without specimen: Ta= 20,4 °C, r.h.= 47,5%, B= 96,1 kPa; with specimen; Ta= 20,3 °C, r.h.= 47,8%, B= 96,1 kPa