

Acoustic datasheet

LIGHTFIELDS 3 – Acoustic Element L15

- Light Fields III Original Size: 1446 x 267 x 50/51 mm; size with attached acoustic accessory: 1446 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	0,3
125	0,2	
160	0,5	
200	0,6	0,8
250	0,8	
315	1	
400	1,1	1,17
500	1,1	
630	1,3	
800	1,4	1,5
1000	1,5	
1250	1,6	
1600	1,7	1,73
2000	1,7	
2500	1,8	
3150	1,8	1,73
4000	1,7	
5000	1,7	

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