

Lighting Acoustic Data



FELT NRC

0.85

SABINS

14.05

Form 5 8
Custom Pendant Cluster
Configured 02.12.24
Photo © Arash Moallemi

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ACOUSTIC LIGHTING WITH REAL SOUND REDUCTION

Stackabl fixtures deliver meaningful sound absorption, from 0.19 to 3.35 sabins per piece. Even at the low end, sabin values make an audible difference, softening echo and improving clarity in residential and commercial rooms. At the high end, our fixtures perform on par with dedicated acoustic panels. Used in multiples, or paired with rugs and upholstered elements, they become a highly effective tool for reducing reverberation and improving overall comfort. Because our system also provides functional lighting and customizable color, designers can address acoustics, illumination, and visual identity with one solution. Budgets can be shared across lighting, acoustics, and even art in some cases, giving specifiers maximum flexibility.

CONFIGURABLE

Height (in)	Diameter (in)	Surface Area (sq ft)	NRC Rating (Felt)	Sound Absorption (Sabins) (Felt)	NRC Rating (PET)	Sound Absorption (Sabins) (PET)
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PENDANTS / PENDANTS WITH DOWNLIGHTS 5

12	5.5	1.44	0.85	1.22	0.90	1.30
24	5.5	2.88	0.85	2.45	0.90	2.59
36	5.5	4.32	0.85	3.67	0.90	3.89
48	5.5	5.76	0.85	4.90	0.90	5.18
60	5.5	7.20	0.85	6.12	0.90	6.48

PENDANTS / PENDANTS WITH DOWNLIGHTS 8

12	8.5	2.22	0.85	1.89	0.90	2.00
24	8.5	4.45	0.85	3.78	0.90	4.01
36	8.5	6.68	0.85	5.68	0.90	6.01
48	8.5	8.90	0.85	7.57	0.90	8.01
60	8.5	11.12	0.85	9.45	0.90	10.01

PENDANTS / PENDANTS WITH DOWNLIGHTS 58

12	Mixed	1.81	0.85	1.54	0.90	1.63
18	Mixed	2.71	0.85	2.30	0.90	2.44
24	Mixed	3.62	0.85	3.08	0.90	3.26

PENDANTS 585

12	Mixed	1.84	0.85	1.56	0.90	1.66
18	Mixed	2.86	0.85	2.43	0.90	2.57
24	Mixed	3.76	0.85	3.20	0.90	3.38

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Height (in)	Diameter (in)	Surface Area (sq ft)	NRC Rating (Felt)	Sound Absorption (Sabins) (Felt)	NRC Rating (PET)	Sound Absorption (Sabins) (PET)
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PENDANTS 858

12	Mixed	1.73	0.85	1.47	0.90	1.56
18	Mixed	2.61	0.85	2.22	0.90	2.35
24	Mixed	3.45	0.85	2.93	0.90	3.11

SCONCES

N/A	5.5	0.52	0.85	0.44	0.90	0.47
N/A	8.5	0.94	0.85	0.80	0.90	0.85

LAMPS - COLUMN

48	Mixed	8.08	0.85	6.87	0.90	7.27
60	8.5	11.12	0.85	9.45	0.90	10.01
85	5.5	10.19	0.85	8.66	0.90	9.17

LAMPS - TILT

06	5.5	0.49	0.85	0.42	0.90	0.40
11	8.5	1.20	0.85	1.02	0.90	1.08

LAMPS - SHIFT

20	5.5	1.47	0.85	1.25	0.90	1.32
36	8.5	4.33	0.85	3.68	0.90	3.90
46	8.5	3.83	0.85	3.26	0.90	3.45

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DESIGN COLLABORATIONS

Collection	Diameter (in)	Surface Area (sq ft)	NRC Rating (Felt)	NRC Rating (PET)	Sound Absorption (Sabins)
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STACKABL X MAISON GERARD | LIGHTING

Sarah Coleman - 2020-Cigarette	8.5	8.90	0.85	N/A	7.57
Sarah Coleman - 2021-Shotgun Shell	5.5	3.84	0.85	N/A	3.26
Sarah Coleman - 2022-Pregnancy Test	5.5	5.76	0.85	N/A	4.90
Anthony Frank Keeler - Hombre-Short	8.5	3.34	0.85	N/A	2.84
Anthony Frank Keeler - Hombre-Long	8.5	8.90	0.85	N/A	7.57
Wisse Trooster - Hugo	Mixed	2.55	0.85	N/A	2.17
Wisse Trooster - Luis	Mixed	3.60	0.85	N/A	3.06
Wisse Trooster - Paco	Mixed	1.99	0.85	N/A	1.69

STACKABL X JEFF FORREST

Arcilla 585 Cluster	Mixed	9.36	0.85	0.90	8.13
Arcilla Cluster	Mixed	16.04	0.85	0.90	14.05

STACKABL X MINDY SOLOMON

Cardozo Cluster	Mixed	7.38	0.85	0.90	6.43
Colony Cluster	Mixed	4.54	0.85	0.90	3.96
Bear Cluster	Mixed	15.60	0.85	0.90	13.70

STACKABL X BENOIST F DRUT

Night City Scape Pendant Cluster	Mixed	11.06	0.85	0.90	9.62
Night City Scape Column Cluster	Mixed	29.39	0.85	0.90	25.35

STACKABL X ROCKWELL GROUP

Tilt 06	5.5	0.49	0.85	N/A	0.42
Tilt 11	8.5	1.20	0.85	N/A	1.02
Shift 20	5.5	1.47	0.85	N/A	1.25
Shift 36	8.5	4.33	0.85	N/A	3.68
Shift 46	8.5	3.83	0.85	N/A	3.26