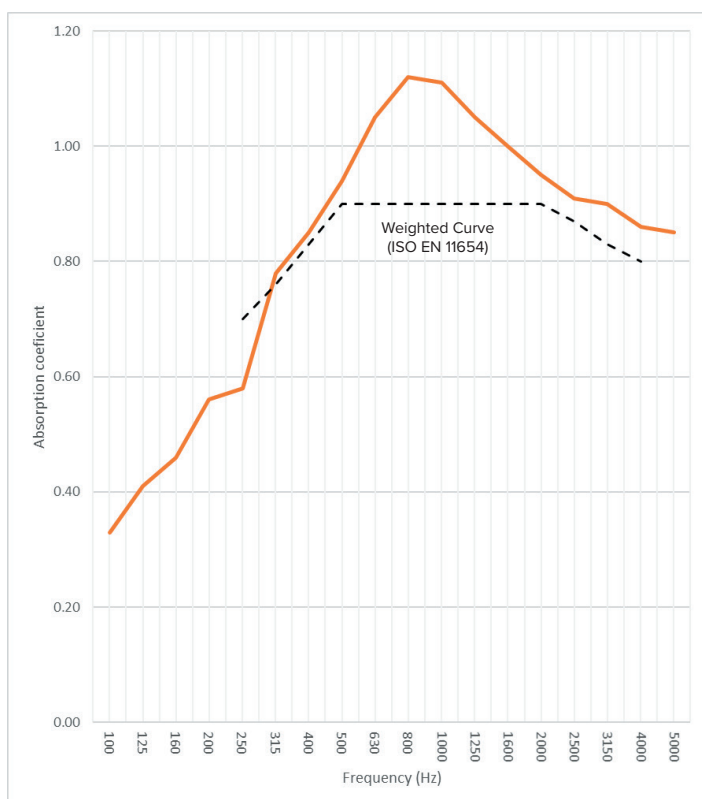


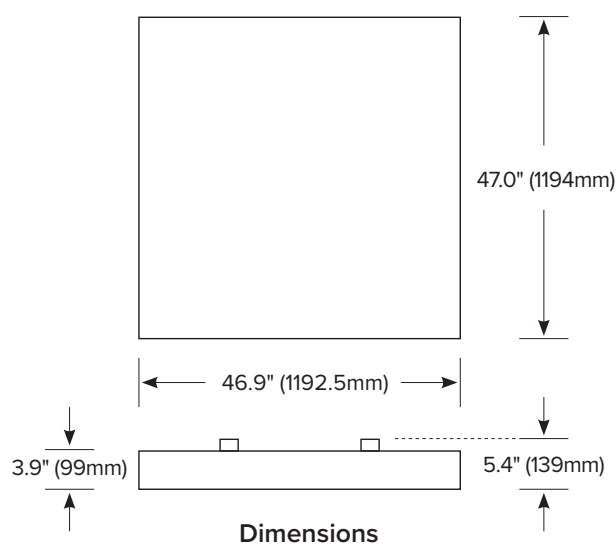
FABRILUM ACOUSTIC TEST DATA

SUSPENDED

FABRILum - Suspended	Frequency (Hz)						Noise Reduction Coefficient	Sound Absorption Average	Weighted Sound Absorption Coefficient (ISO EN 11654)	Sound Absorption Class (ISO EN 11654)
	125	250	500	1000	2000	4000	NRC	SAA	α_w	Class
α_s	0.41	0.58	0.94	1.11	0.95	0.86	0.90	0.91	0.90	A



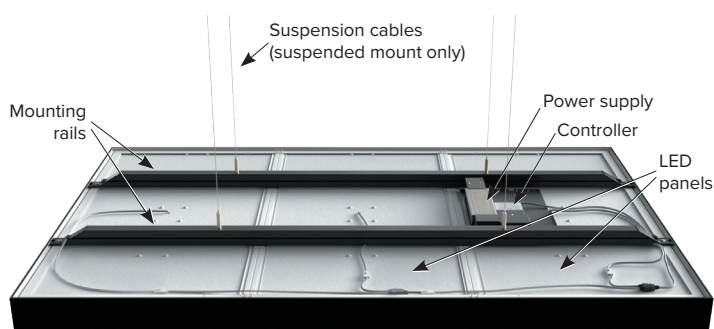
• Test Luminaires: FABRILum RXS



• Testing Lab: Riverbank Acoustical Laboratories

• Date: May 26, 2021

• Standard: ASTM C423-17: "Standard Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method."



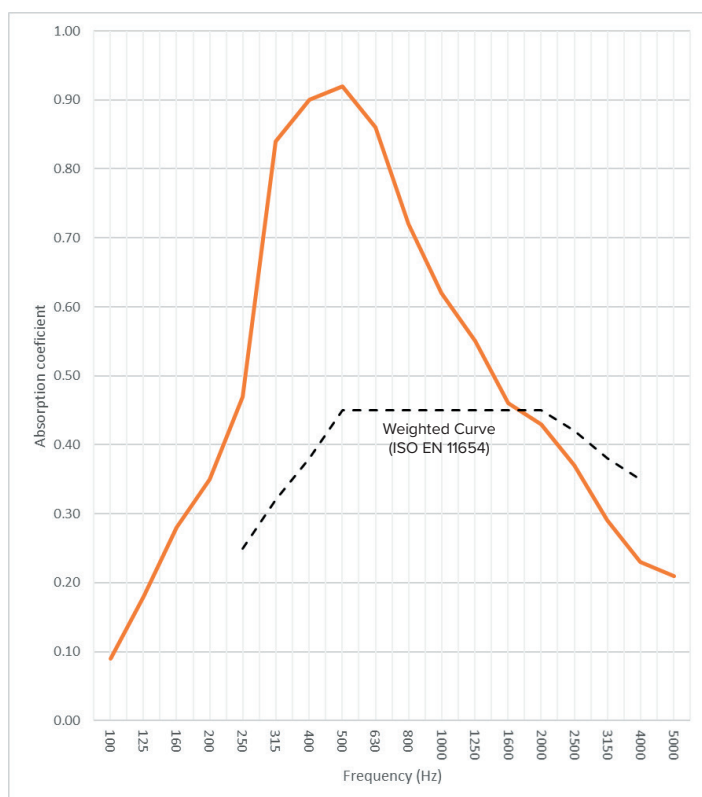


FABRILUM ACOUSTIC TEST DATA

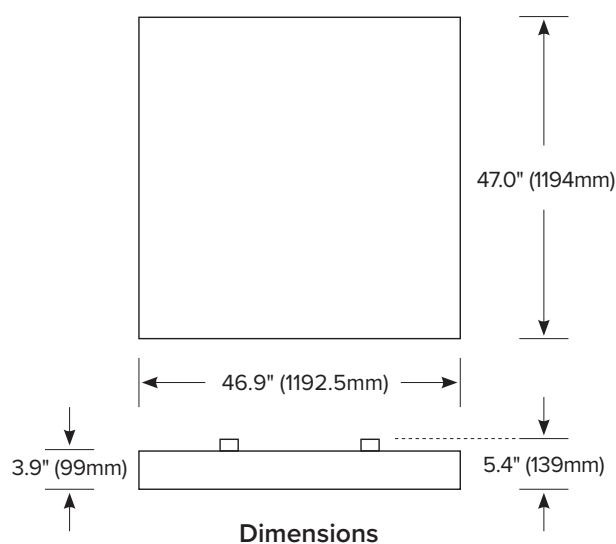
SUSPENDED

FABRILum - Suspended	Sabin Absorption Area	Frequency (Hz)						Average for 500Hz - 1000Hz Range
Size/Shape Code	Units	125	250	500	1000	2000	4000	Avg. 500-1000
RS	m ²	0.58	0.82	1.34	1.58	1.35	1.22	1.46
	sqft	6.28	8.88	14.39	16.99	14.54	13.16	15.69
RM	m ²	0.86	1.22	1.98	2.34	2.00	1.81	2.16
	sqft	9.30	13.16	21.33	25.18	21.55	19.51	23.25
RL	m ²	1.15	1.62	2.63	3.10	2.65	2.40	2.86
	sqft	12.33	17.44	28.26	33.38	28.56	25.86	30.82
RXL	m ²	1.28	1.81	2.94	3.47	2.97	2.69	3.20
	sqft	13.79	19.50	31.61	37.33	31.95	28.92	34.47
RXXL	m ²	1.70	2.40	3.89	4.60	3.93	3.56	4.24
	sqft	18.27	25.85	41.89	49.47	42.34	38.33	45.68
CS	m ²	0.46	0.65	1.05	1.24	1.06	0.96	1.15
	sqft	4.94	6.99	11.33	13.38	11.45	10.37	12.36
BNM	m ²	1.04	1.47	2.39	2.82	2.41	2.19	2.61
	sqft	11.22	15.87	25.72	30.37	25.99	23.53	28.05
BNL	m ²	1.32	1.87	3.03	3.58	3.07	2.78	3.31
	sqft	14.24	20.15	32.66	38.56	33.01	29.88	35.61

FABRILum - Surface Mount	Frequency (Hz)						Noise Reduction Coefficient	Sound Absorption Average	Weighted Sound Absorption Coefficient (ISO EN 11654)	Sound Absorption Class (ISO EN 11654)
	125	250	500	1000	2000	4000	NRC	SAA	α_w	Class
α_s	0.18	0.47	0.92	0.62	0.43	0.23	0.60	0.62	0.45 (M)	C



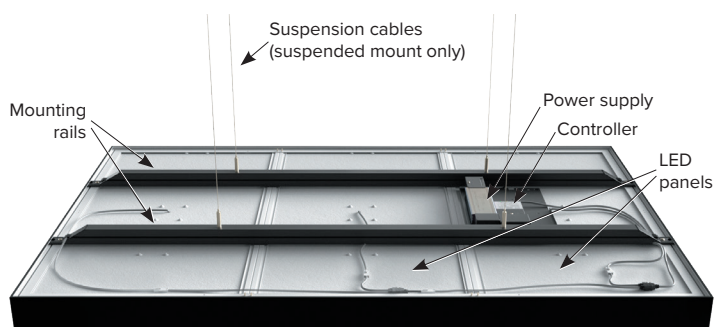
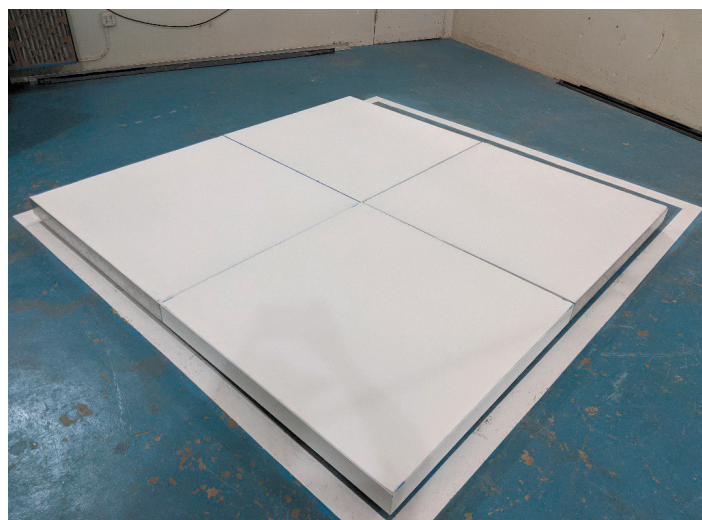
• Test Luminaires: FABRILum RXS



• Testing Lab: Riverbank Acoustical Laboratories

• Date: May 26, 2021

• Standard: ASTM C423-17: "Standard Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method."



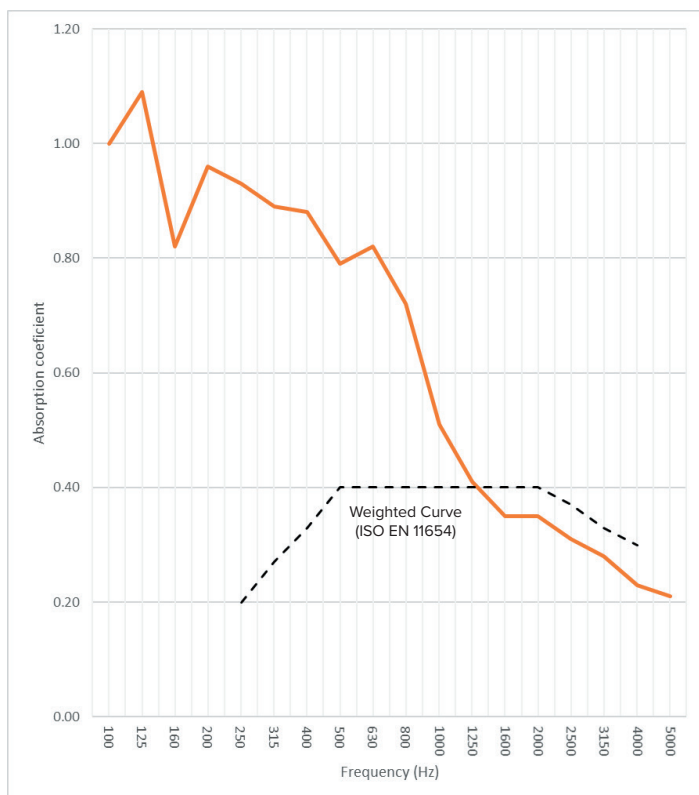


FABRILUM ACOUSTIC TEST DATA

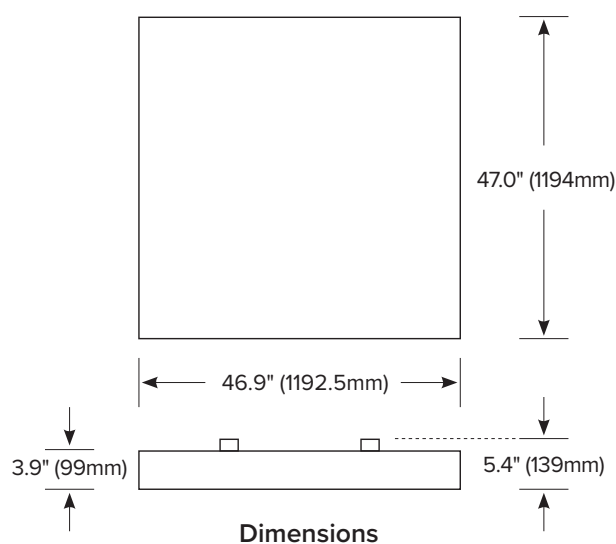
SURFACE MOUNT

FABRILum - Surface Mount	Sabin Absorption Area	Frequency (Hz)						Average for 500Hz - 1000Hz Range
Size/Shape Code	Units	125	250	500	1000	2000	4000	Avg. 500-1000
RS	m ²	0.26	0.67	1.31	0.88	0.61	0.33	1.09
	sqft	2.76	7.19	14.08	9.49	6.58	3.52	11.79
RM	m ²	0.38	0.99	1.94	1.31	0.91	0.48	1.62
	sqft	4.08	10.66	20.87	14.07	9.76	5.22	17.47
RL	m ²	0.50	1.31	2.57	1.73	1.20	0.64	2.15
	sqft	5.41	14.13	27.66	18.64	12.93	6.92	23.15
RXL	m ²	0.56	1.47	2.87	1.94	1.34	0.72	2.41
	sqft	6.05	15.80	30.94	20.85	14.46	7.73	25.89
RXXL	m ²	0.75	1.95	3.81	2.57	1.78	0.95	3.19
	sqft	8.02	20.95	41.00	27.63	19.16	10.25	34.32
CS	m ²	0.20	0.53	1.03	0.69	0.48	0.26	0.86
	sqft	2.17	5.67	11.09	7.47	5.18	2.77	9.28
BNM	m ²	0.46	1.19	2.34	1.58	1.09	0.58	1.96
	sqft	4.93	12.86	25.17	16.96	11.77	6.29	21.07
BNL	m ²	0.58	1.52	2.97	2.00	1.39	0.74	2.49
	sqft	6.25	16.33	31.96	21.54	14.94	7.99	26.75

FABRILum - Recessed	Frequency (Hz)						Noise Reduction Coefficient	Sound Absorption Average	Weighted Sound Absorption Coefficient (ISO EN 11654)	Sound Absorption Class (ISO EN 11654)
	125	250	500	1000	2000	4000	NRC	SAA	α_w	Class
α_s	1.09	0.93	0.79	0.51	0.35	0.23	0.65	0.66	0.40 (LM)	C



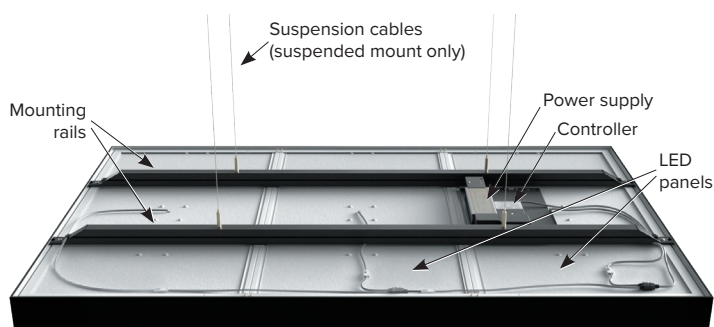
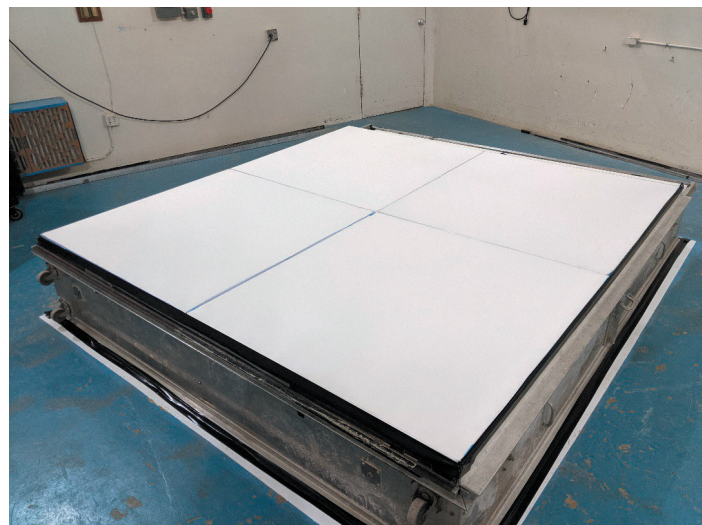
• Test Luminaires: FABRILum RXS



• Testing Lab: Riverbank Acoustical Laboratories

• Date: May 26, 2021

• Standard: ASTM C423-17: "Standard Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method."





FABRILUM ACOUSTIC TEST DATA

RECESSED

FABRILum - Recessed	Sabin Absorption Area	Frequency (Hz)						Average for 500Hz - 1000Hz Range
Size/Shape Code	Units	125	250	500	1000	2000	4000	Avg. 500-1000
RS	m ²	1.55	1.32	1.12	0.73	0.50	0.33	0.92
	sqft	16.68	14.24	12.09	7.81	5.36	3.52	9.95
RM	m ²	2.30	1.96	1.67	1.07	0.74	0.48	1.37
	sqft	24.73	21.10	17.92	11.57	7.94	5.22	14.75