

6 PRODUCTS

1PLA-AC	Acoustic Pendant Linia
1PLA-I	Acoustic Pendant Linia Indirect
1PLA-D	Acoustic Pendant Linia Direct
1PLA-DI	Acoustic Pendant Linia Direct/Indirect
1PZA-D	Acoustic Pendant Zoie Direct
1PZA-DI	Acoustic Pendant Zoie Direct/Indirect

Acoustic body and edge fabricated with 1/2" thick acoustic felt. Available in 20 colors
 1.5" aperture with one piece extruded aluminum housing
 Available in 4', 5', 6', and 8' lengths with 12" or 16" height option

TECHNICAL

ACOUSTIC PERFORMANCE

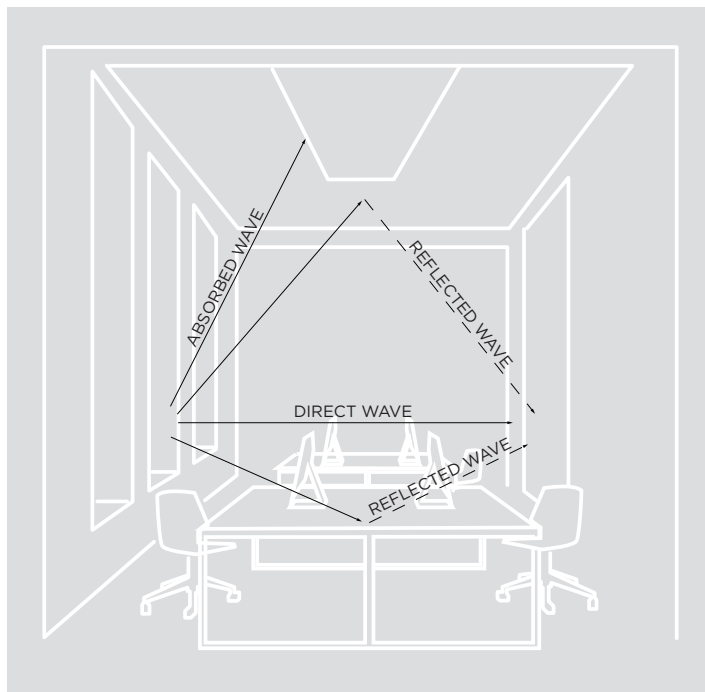
FIXTURE LENGTH	FIXTURE HEIGHT	SABINS PER OBJECT @ A GIVEN FREQUENCY				
		250hz	500hz	1000hz	2000hz	AVERAGE
4FT	12IN	2.30	4.47	7.29	8.50	5.64
4FT	16IN	3.38	5.74	9.05	10.52	7.17
5FT	12IN	2.88	5.58	9.11	10.62	7.05
5FT	16IN	4.22	7.17	11.31	13.14	8.96
6FT	12IN	3.45	6.70	10.94	12.74	8.46
6FT	16IN	5.06	8.60	13.58	15.77	10.75
8FT	12IN	4.60	8.93	14.58	16.99	11.28
8FT	16IN	6.75	11.47	18.10	21.03	14.34

ACOUSTIC HOUSING

Acoustic NRC value up to 0.9 (see tests results for more details)
 Produced with recycled polyester fiber and +/- 60% from recycled water bottles
 Material is 100% recyclable
 0% VOC's
 Fire rating ASTM E-84 Class A / CAN ULC S102

SOUND WAVE IN A GIVEN SPACE

When a sound wave is emitted from its source, it propels in all directions. The sound carries in a space unless it comes across an obstruction or an absorbing element such as carpeting, or upholstery. Harder materials will enable sound waves to reverberate in the space for a longer period of time. A sound can be direct like a face to face conversation and it can be reflected back from a hard surface.



REVERBERATION

The persistence of sound after it has been stopped due to multiple reflections from surfaces within a closed space



T60 : REVERBERATION TIME

The time it takes for a sound to decay by 60 dB once the source of sound has stopped. Reverberation time is the basic acoustical property of a room which depends only on its dimensions and the absorptive properties of its surfaces and contents. An acceptable value for class rooms and libraries ranges between 0.5-0.9 seconds. A suitable value for open offices and conference rooms ranges between 0.7 and 1.25 seconds



NRC - NOISE ABSORPTION COEFFICIENT

The Noise Reduction Coefficient is a scalar representation of the amount of sound energy absorbed upon striking a particular surface. an NRC of 0 indicates perfect reflection. an NRC of 1 indicates perfect absorption. Higher number equals better performance.



SABIN

A unit of sound absorption based on one square foot of material. Products with higher Sabin values provide more sound absorption.



SABIN COUNT

The sum total of the absorption coefficients in a room. Stronger NRC values will deliver higher Sabin counts.