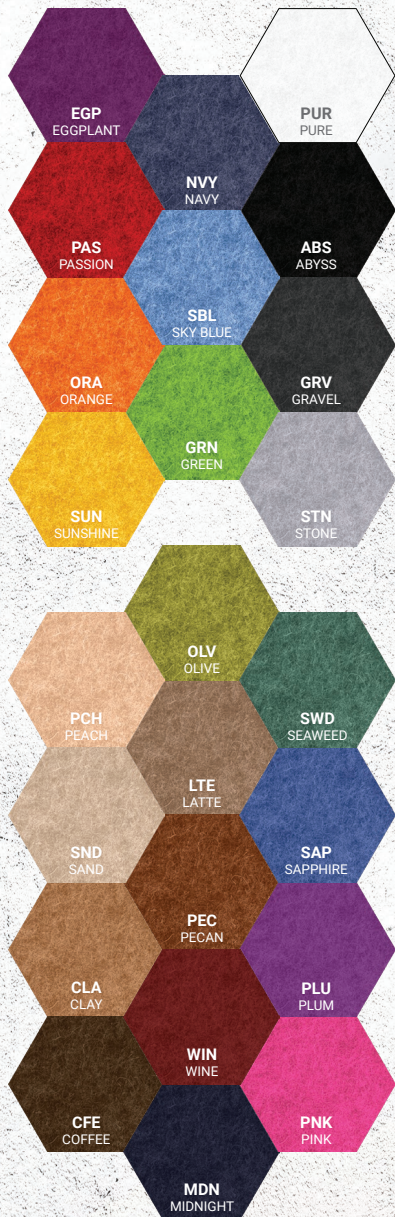
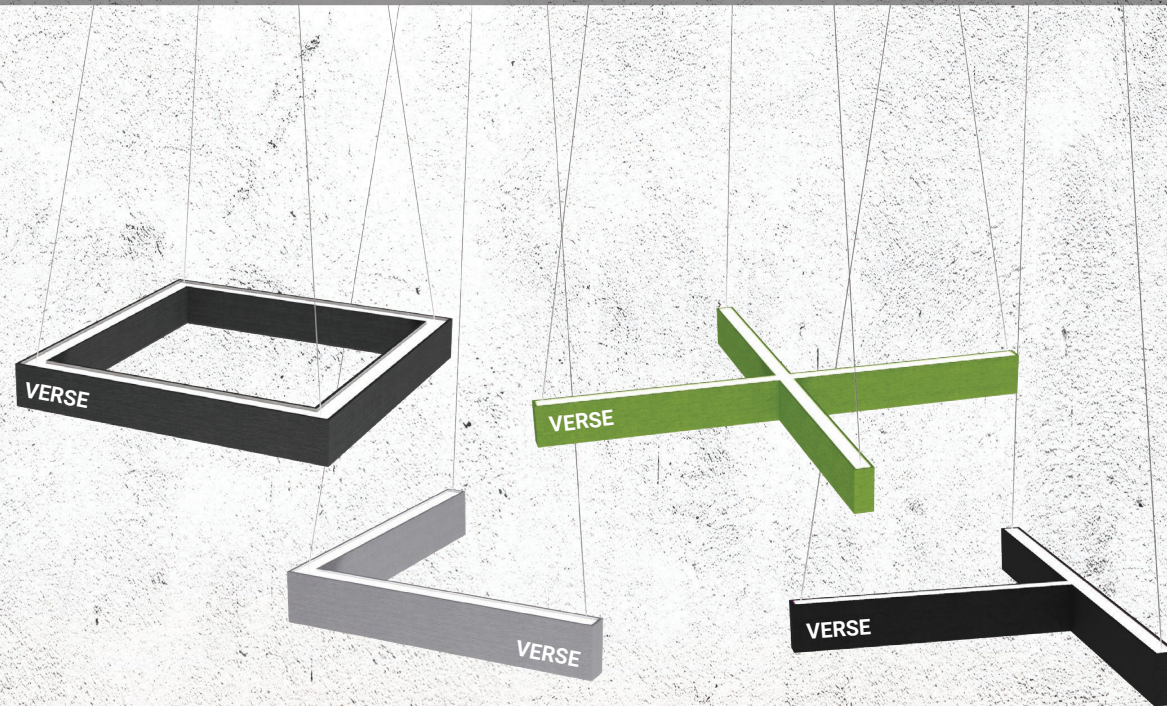
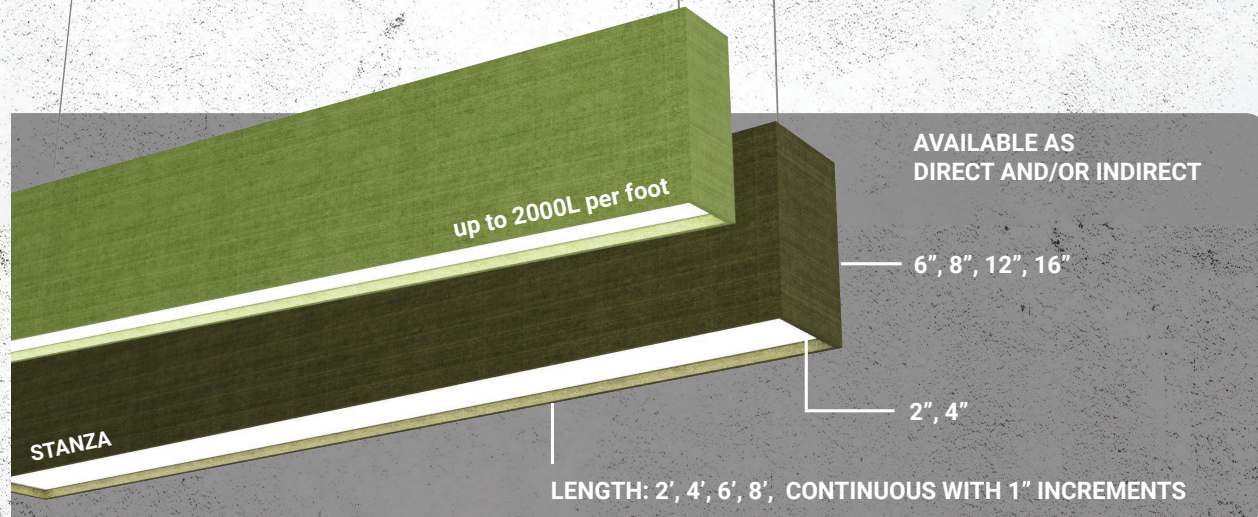




QUICK SHIP COLORS

STANDARD COLORS



ALL VERSE: SPAN OF UP TO 6'

CONSULT FACTORY FOR CUSTOM COLORS

WWW.IUSEELITE.COM

SOFTSENSE
ACOUSTIC SOLUTIONS

elite
YOUR CHOICE FOR LIGHTING
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Creating Optimal Lighting and Noise Solutions

what are acoustics?

Acoustic products are made from **100% polyethylene terephthalate (PET)**, with 50% post-consumer recycled material.

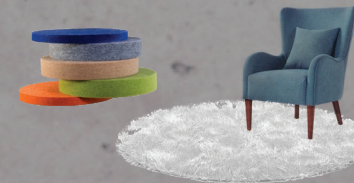
PET is a **green product** manufactured free of added chemicals, binders, adhesives and dyes. The product is very adaptable. It can be cut, notched, or trimmed for installation purposes.

PET can achieve a triple purpose. It is functionally **acoustic in nature**, **enhances the design of any space**, and is an **environmentally conscious choice**.



ABSORB

absorbs sound waves and reduces reverberation



With **open floor plans**, there is the advantage of **feeling connected** with our surroundings, but this comes with the **disadvantage of higher reverberation** in a room.

By combining acoustics with lighting, we can create **sound-absorbing luminaires**.

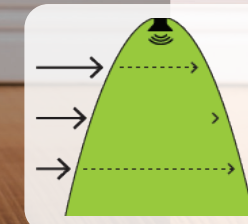
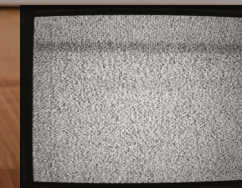
BLOCK

blocks sound waves through materials to help reduce overall noise



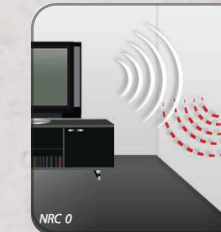
COVER

introducing sound into an environment to mask excessive noise

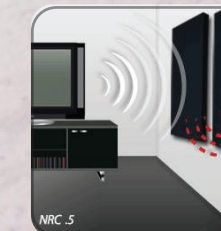


Noise Management

NRC - Noise Reduction Coefficient



NRC - 0
0% sound absorption
all sound waves are reflected back into the environment



NRC - 0.5
50% sound absorption
only half of all sound waves are reflected back into the environment



NRC - 1.0
100% sound absorption
no sound waves are reflected back into the environment

the NRC for our 9mm PET material is about 0.85

HOW TO CALCULATE

Area x % = Sabin (a)

Sabine Formula | $RT60 = 0.49 \times V/a$

RT60 = Reverberation Time

V = volume of the space (feet cubed)

a = sabins (total room absorption at given frequency)