

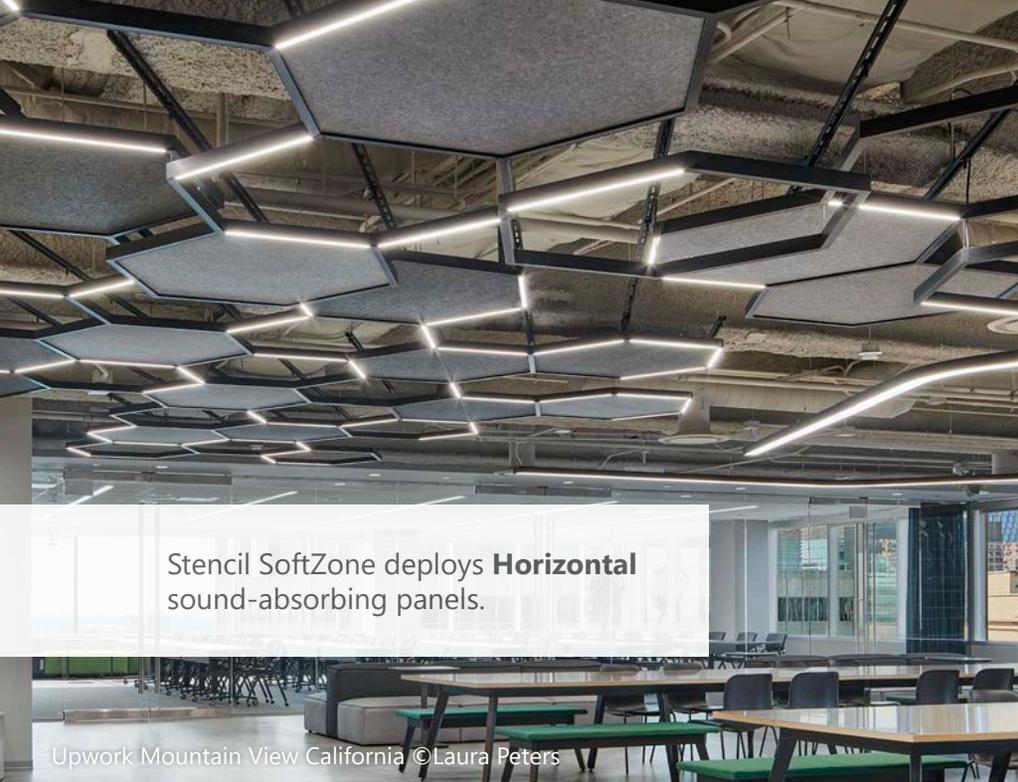


SoftZone[®]

Architectural Acoustic Lighting

Introducing Spatial SoftZone & Sculpt™ SoftZone additions

axis



Stencil SoftZone deploys **Horizontal** sound-absorbing panels.

Upwork Mountain View California ©Laura Peters



ADDITIONS!

Sculpt SoftZone includes **Vertical** sound-absorbing panels.

Now available in 8" and 12" panel heights, and in continuous runs.



NEW!

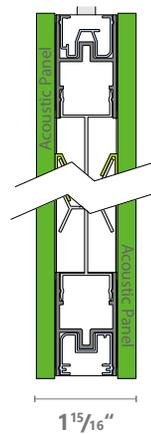
All-new Spatial SoftZone features **Vertical** sound-absorbing panels.

SoftZone®

Improve workplace acoustics with style

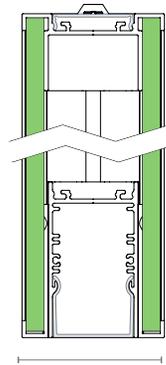
Acoustics play an important role in occupant performance and well-being in office interiors. Noisy open office areas, sound-reflecting surfaces and other low-absorption design elements can increase the background din, distract occupants and contribute to lower productivity in the workplace.

SoftZone provides unparalleled design flexibility for creating architectural pendant lighting with effective sound attenuation properties.



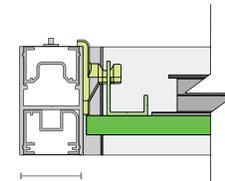
1¹⁵/₁₆"

Spatial SoftZone



2³/₄"

Sculpt™ SoftZone



1³/₁₆"

Stencil® SoftZone

About acoustics

Here are a few notions about sound absorption in enclosed spaces that will help you develop more acoustically effective workplaces, with the assistance of your Axis Lighting representative.

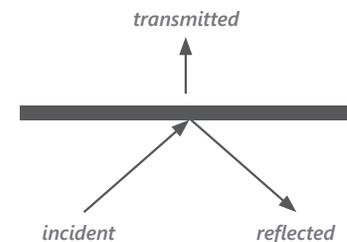
Sound absorption

When sound strikes a surface or a wall, some of it is reflected (reverberation), some of it is absorbed and some of it is transmitted to the other side. The nature of the obstacle determines how much sound is reflected, absorbed and transmitted.

A measure of a material's performance is the absorption coefficient α :

$\alpha = 0$ if totally reflective

$\alpha = 1$ if totally absorptive and/or transmissive





3' Stencil® SoftZone® segmented hexagon panels

The more sound absorption you need, the more SoftZone panels you use in the space.

Different surfaces have different sound-absorbing properties. Porous matter, such as carpeting, wood and the material used for SoftZone, are very effective at absorbing sound. In comparison, hard and smooth surfaces, such as concrete, plate glass and metal, reflect acoustic energy and create reverberation that SoftZone panels help to absorb.

Why SoftZone®

SoftZone improves acoustics by enhancing speech clarity where needed and by preventing people's conversations from disturbing other people. Here are the main benefits to combining sound attenuation and architectural lighting using SoftZone integrated solutions.



Affordability

Less costly than building separate acoustic tile ceilings.



Design Flexibility

Horizontal and vertical options, building system integration possibilities, large choice of colors and design-friendly shapes.



Layering

Leverage the design capabilities of SoftZone horizontal and vertical solutions to modulate layers of sound attenuation in addition to layers of light (ambient, accent, MikroLite®).



Scalability

Add SoftZone panels in step with the development needs of any space.



Adaptability

Create neighborhoods of noise control by using SoftZone where you need sound attenuation.



Cost-effective Retrofits

Stencil SoftZone panels can be easily reconfigured or added to existing Stencil Pendant layouts.



2' Stencil® SoftZone® hexagonal panels

SoftZone lets you set the mood with layers of light and set the tone with layers of sound attenuation.



2' x 5' Spatial SoftZone® continuous zigzag form (ZZ135) with, in the background, Stencil® SoftZone square and rectangular panels set in a Mondrian pattern.

All-new Spatial SoftZone forms add a playful element to linear acoustical baffling.

SoftZone[®] at a glance

Use SoftZone to create neighborhoods of intimacy, whether you need more privacy in collaborative spaces, improved speech clarity in conference rooms or less reverberation in an area.

SoftZone is a flexible sound-absorbing pendant lighting design system available in Horizontal (Stencil[®]) and Vertical (Spatial) forms, as well as Vertical linear solutions (Spatial and Sculpt[™]). It features a modular approach that lets you vary the quantity of panels to achieve the desired level of sound attenuation.

- ✓ Panels made of 100% polyester containing at least 40% of recycled PET plastic
- ✓ Functional flexibility: Unlit SoftZone panels can be used for sound attenuation only
- ✓ Facilitates building system integration (sprinklers, speakers, etc.)
- ✓ Class A fire rated and moisture resistant
- ✓ Per-unit Noise Reduction Coefficient (NRC): up to 1.05
- ✓ 15 standard colors to choose from (see page 8) – custom colors available

Color palette

Standard Palette



Extended Custom Palette



Extended custom color palette panels available upon request. Consult your Axis representative for details.



2'x2', 4'x4', 2'x4' and 2'x6' Stencil® SoftZone® square and rectangular panels

Rectangular Stencil forms accept SoftZone panels in a Mondrian pattern featuring a mix of colors that matches interior design elements.

Vertical solutions: Spatial SoftZone®

Creative acoustic lighting

All-new Spatial SoftZone features the thin 1" aperture, proven lighting performance and superior design flexibility of Stencil®. Choose from an assortment of unique 3D elements, including linear solutions, squares, zigzags, open shapes and continuous forms.

Lighting flexibility

Spatial SoftZone offers a full range of lighting distributions, including direct, indirect and edge lighting configurations, a first in vertical acoustic lighting. In addition to sending light in different directions, you can have fully unlit segments.

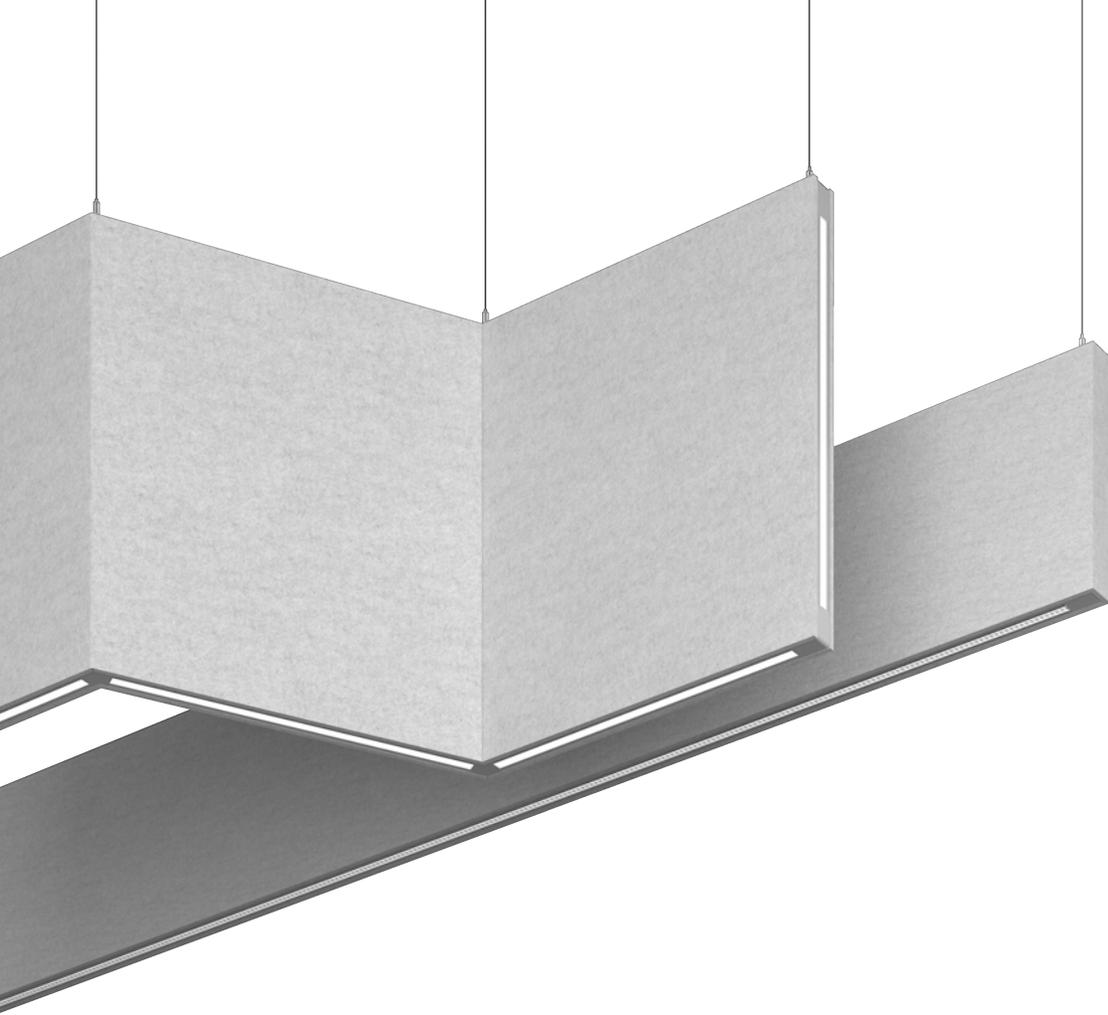
Architectural adaptability

Segments and panels come in varying lengths (up to 7' standalone) and heights (up to 3'), extending the possibilities for coordinated layouts. Hairline panel joints make for practically seamless continuous runs, enhancing architectural integration.



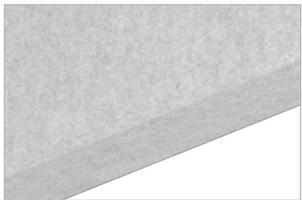
2' and 3' Spatial SoftZone® square forms (SQ90)

Compelling 3D concepts in their own right, Spatial SoftZone elements can be used individually or alongside other forms to create harmonized configurations.

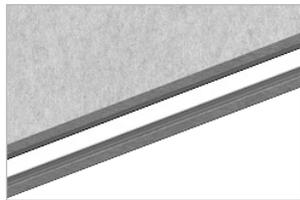


Spatial SoftZone[®] Choice of optics

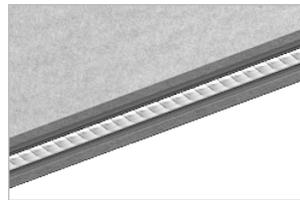
- ✓ Choice of direct, indirect (SurroundLite™ ) and Edge lighting
- ✓ Use blanks to create fully unlit acoustic panels
- ✓ Integral mini-driver 
- ✓ Controls available



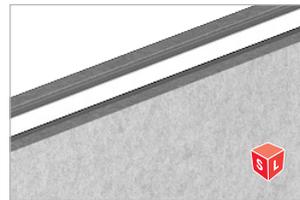
Blank



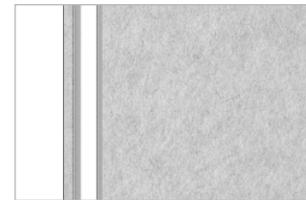
Spotless lens



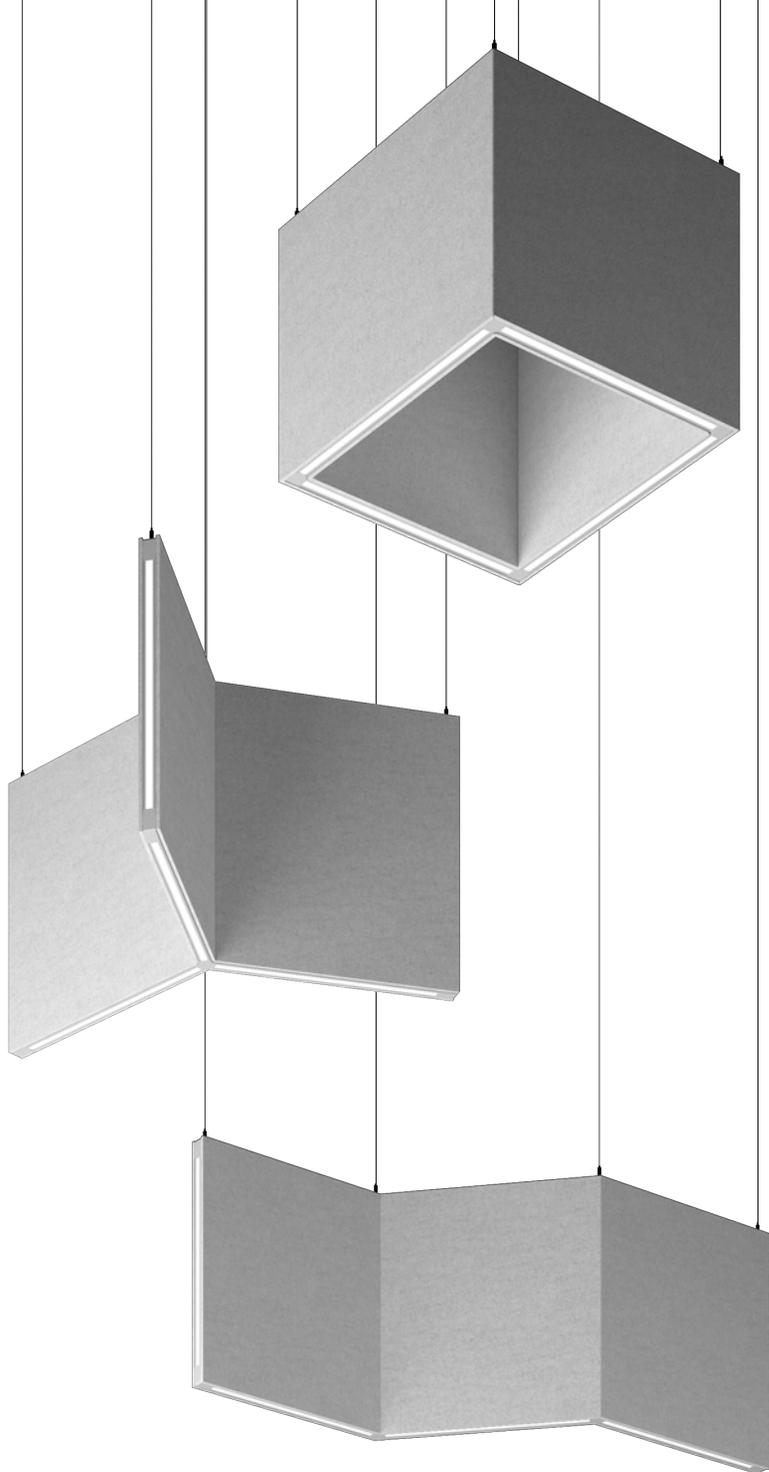
Louver



Indirect



Edge lighting option



Spatial SoftZone® **Choice of 3D designs**

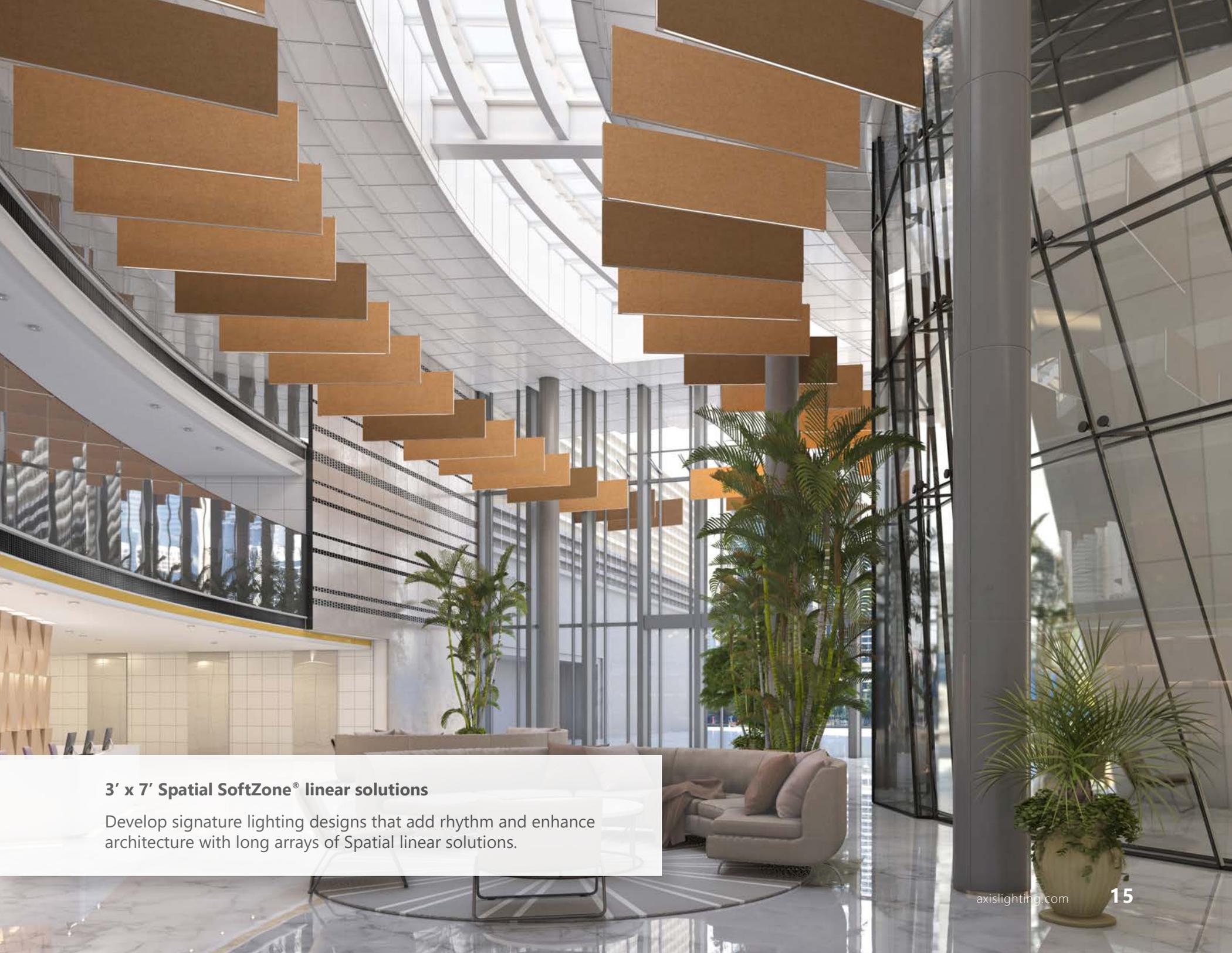
Easy-to-assemble kits for the 3D element specified include all the required Hubs, segments, acoustic panels and lighting hardware. Segments: Black, white, aluminum paint – custom finishes available.

- ✓ Linear Solutions
- ✓ Standard Forms
- ✓ Continuous Forms

Linear Solutions

- ✓ Panel lengths: 2' to 7' (longer system runs available)
- ✓ Panel heights: 8", 12", 18", 24", 36"
- ✓ Lit edge available only for 24", 36" panel heights
- ✓ Unlit edge available for all heights



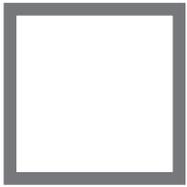


3' x 7' Spatial SoftZone® linear solutions

Develop signature lighting designs that add rhythm and enhance architecture with long arrays of Spatial linear solutions.

Standard Forms

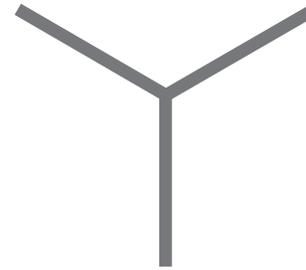
SQ90 – Square



L90



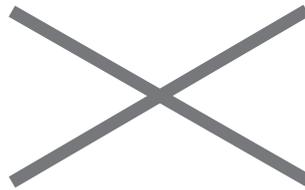
Y120



T90



X120



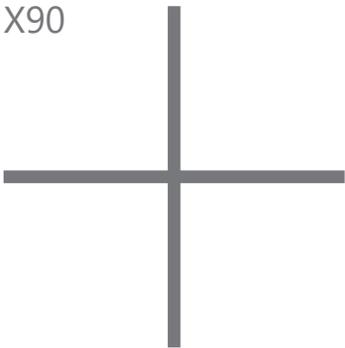
Z120



Z135



X90



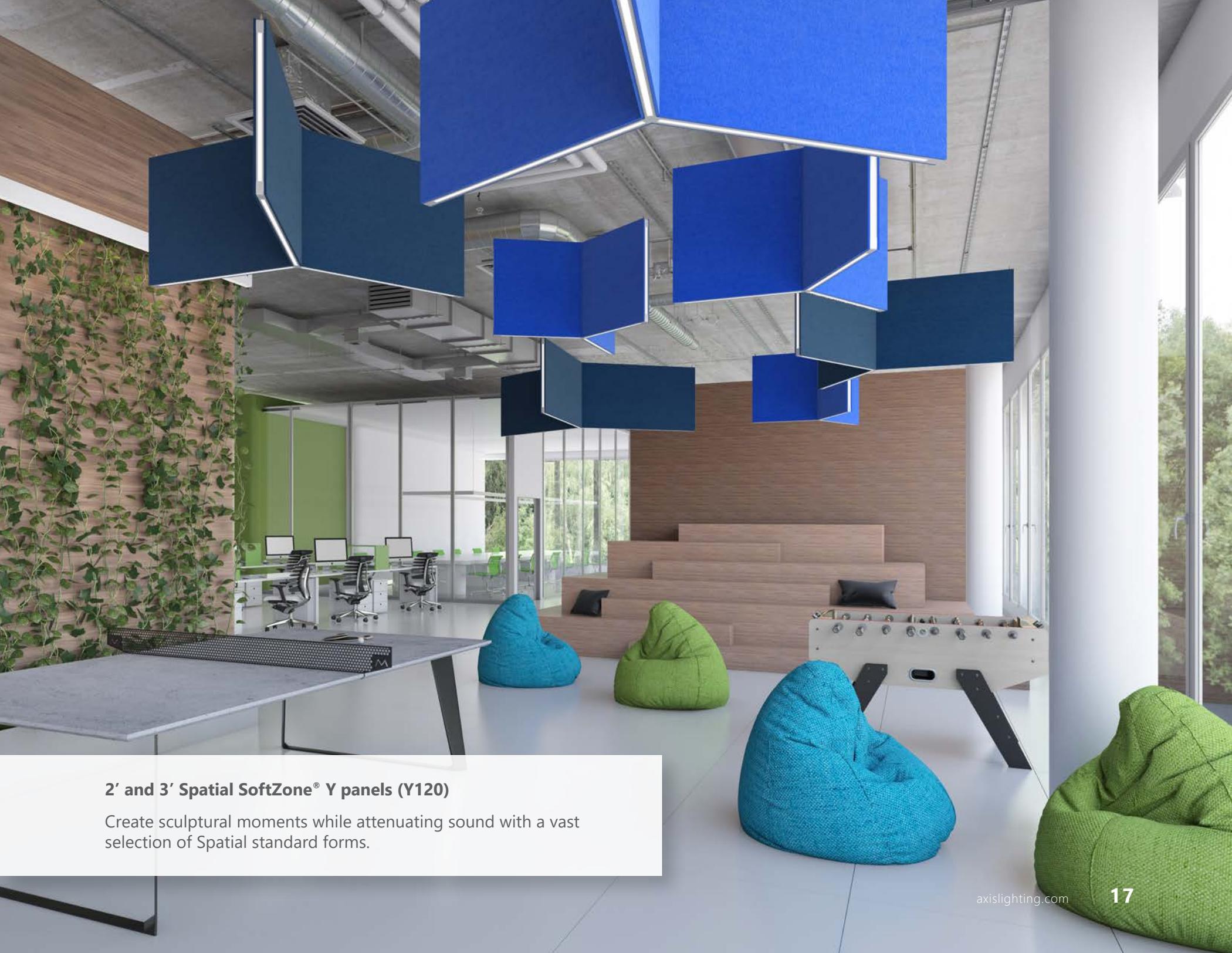
V120



V135



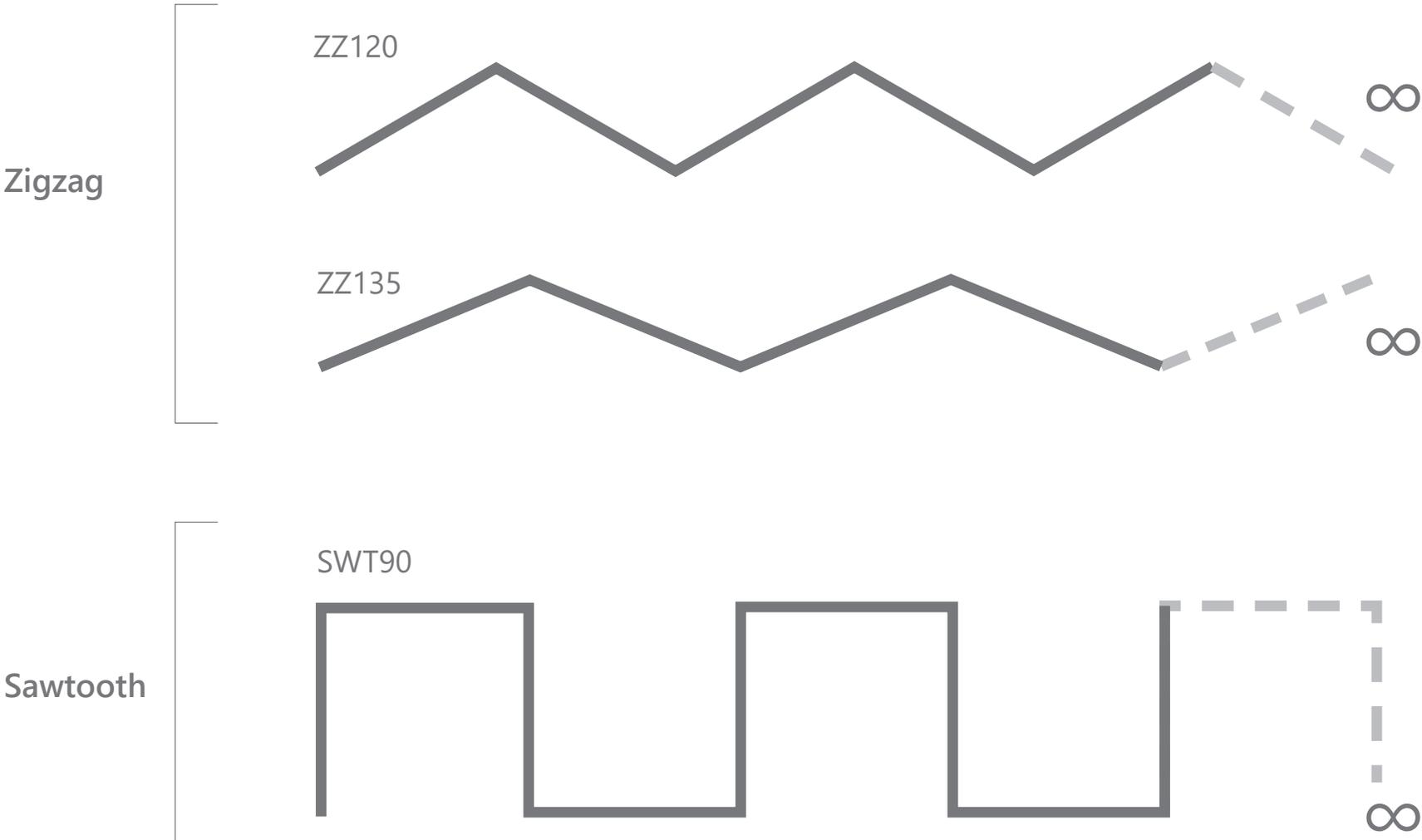
Choice of 2' or 3' segments. Unlit edge available for all heights.

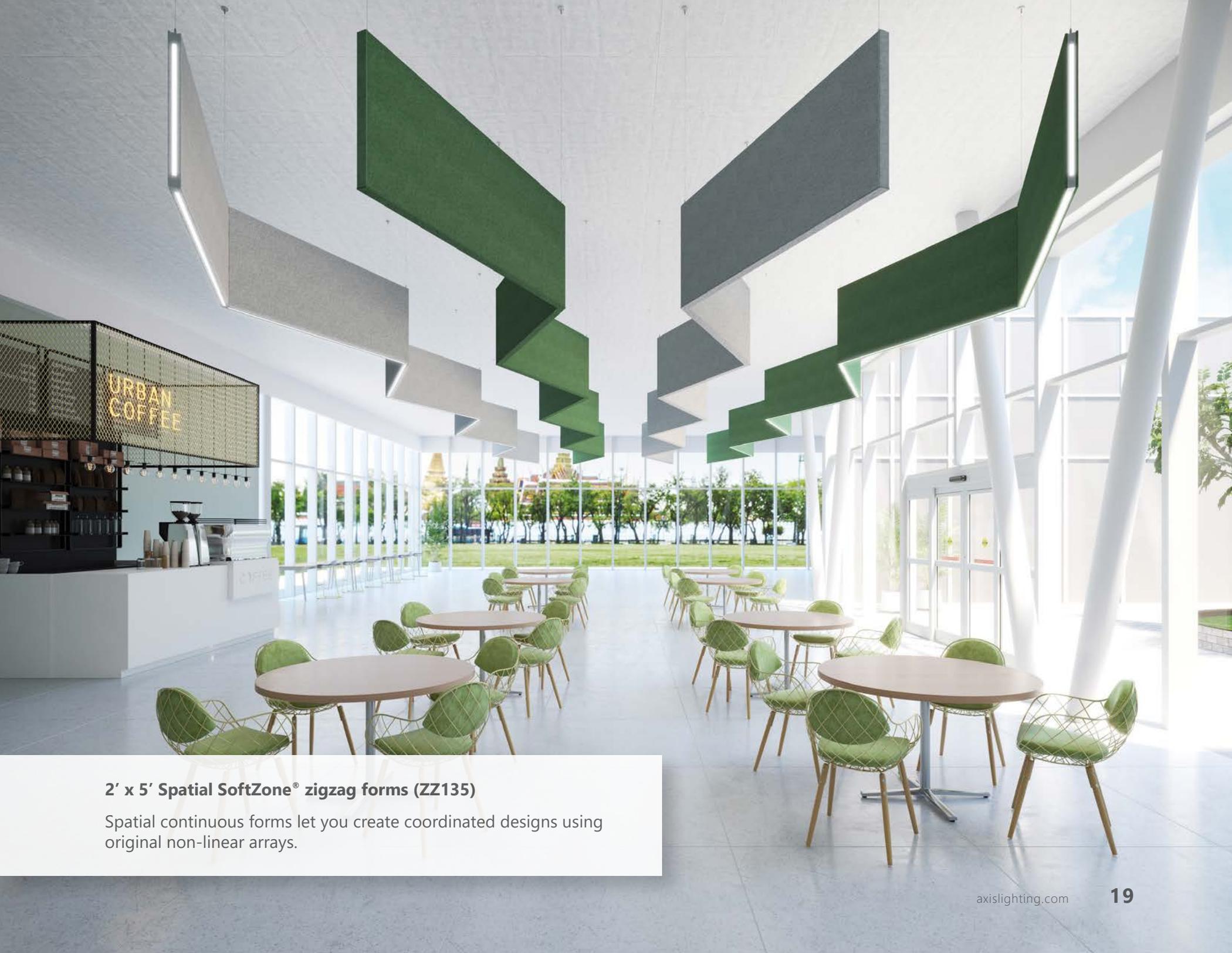


2' and 3' Spatial SoftZone® Y panels (Y120)

Create sculptural moments while attenuating sound with a vast selection of Spatial standard forms.

Continuous Forms





2' x 5' Spatial SoftZone® zigzag forms (ZZ135)

Spatial continuous forms let you create coordinated designs using original non-linear arrays.

Vertical solutions: Sculpt™ SoftZone®

Linear creativity

Combine SoftZone vertical panels with Sculpt Pendant luminaires to design appealing acoustic lighting environments that add linear rhythm while softening ambient noise levels. Now available in long continuous runs (longer than 8') with minimal hairline joints.

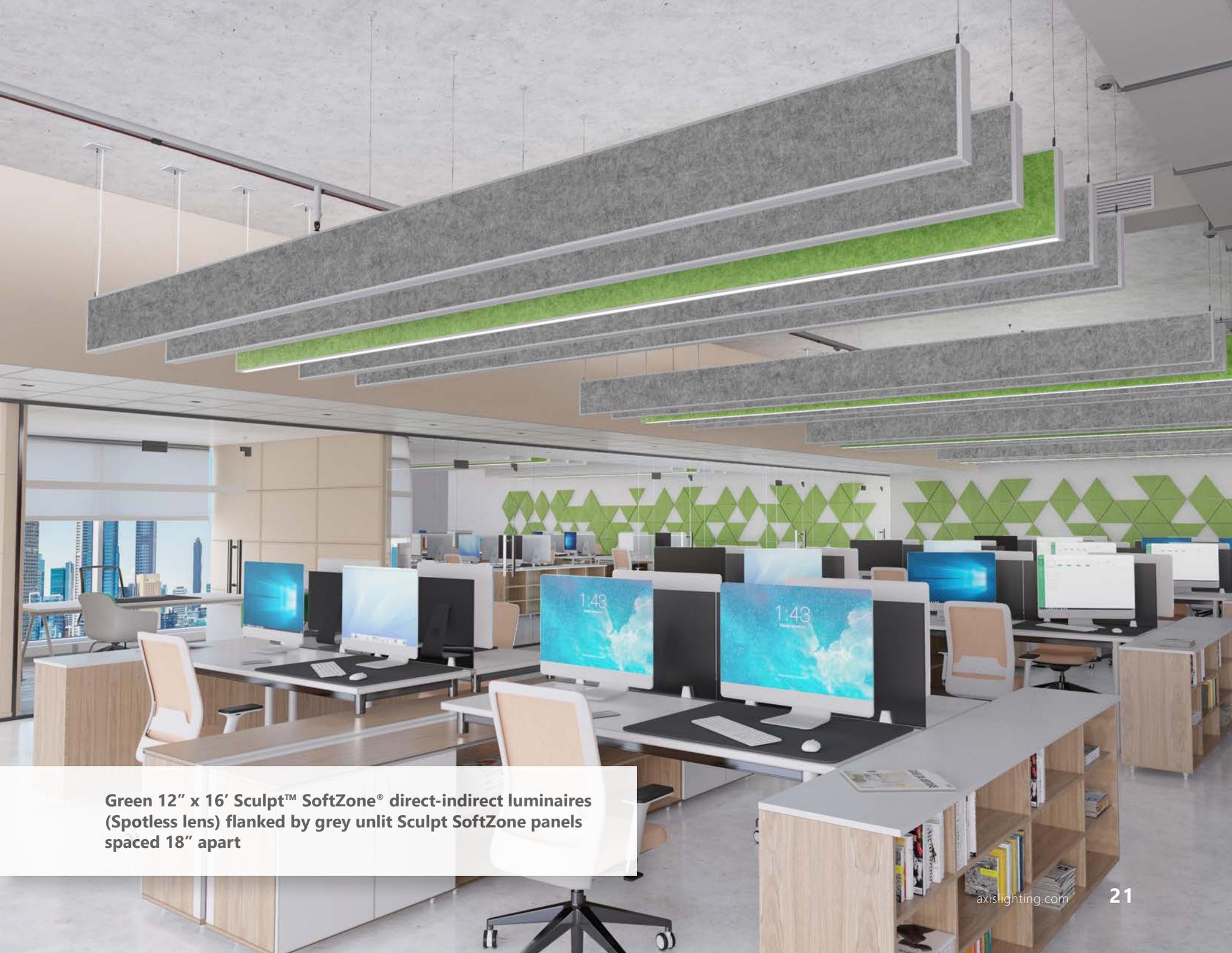
Lit and unlit panels

Integrate lighting and sound attenuation as required in your lighting concepts by alternating between lit and unlit Sculpt SoftZone panels (see opposite).

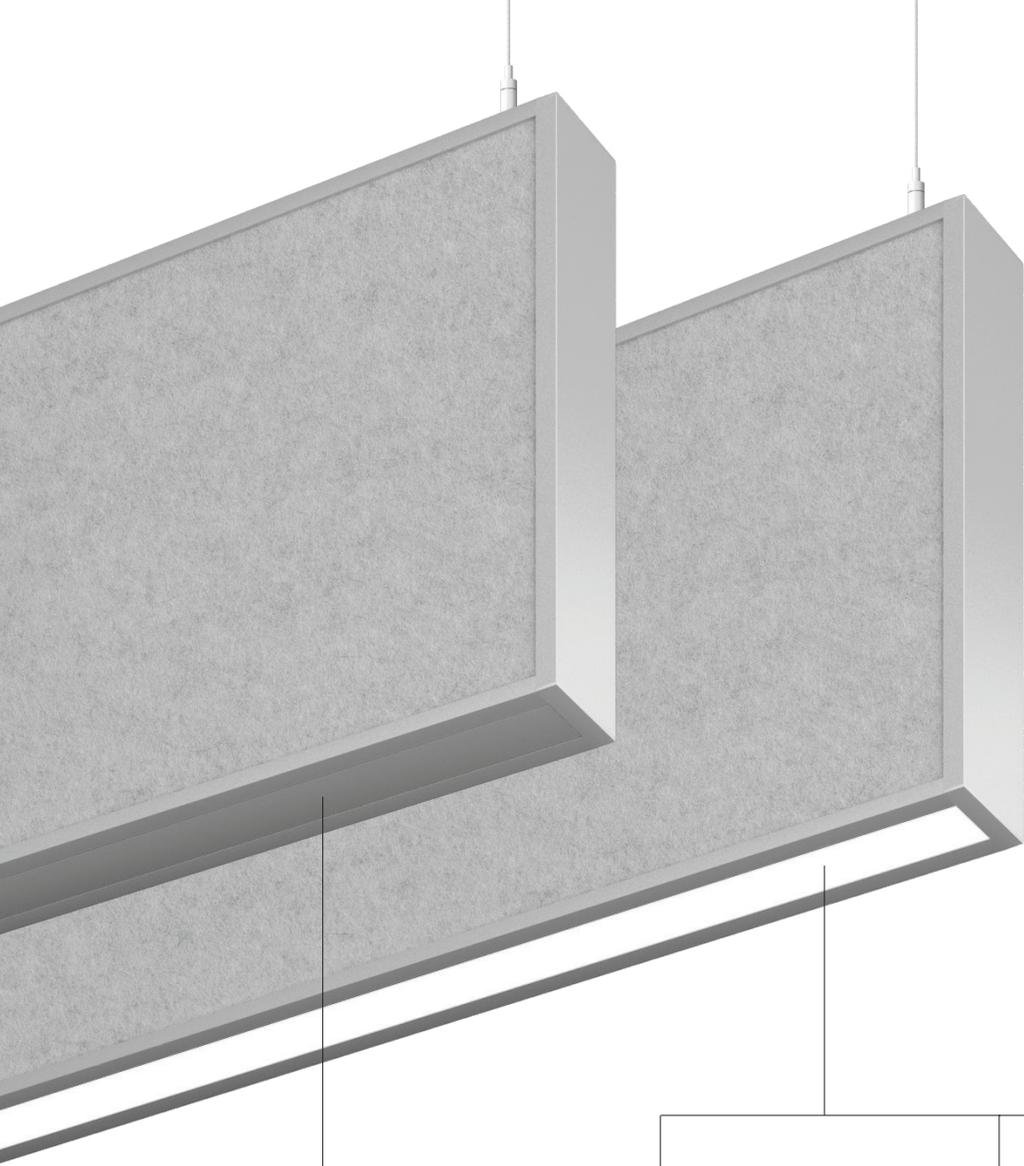
An elegant frame and a flush appearance

The top of SoftZone vertical panels is level with the upright optics of Sculpt Pendant luminaires, providing true indirect lighting and a sophisticated architectural esthetic.



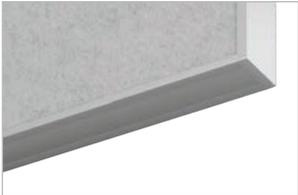


Green 12" x 16' Sculpt™ SoftZone® direct-indirect luminaires (Spotless lens) flanked by grey unlit Sculpt SoftZone panels spaced 18" apart

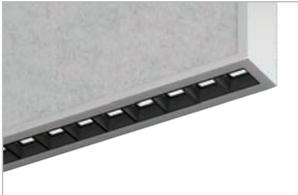


Sculpt™ SoftZone® Choice of optics

- ✓ Range of light distributions:
Direct, Indirect, Direct/Indirect
- ✓ Use blanks to create unlit SoftZone panels
- ✓ Integral driver
- ✓ Controls available, including Axitune™  Axitune



Blank or Indirect



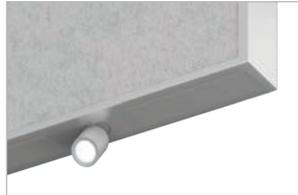
MikroLite® 1.5



Spotless lens



StepLens (0.5" and 2")

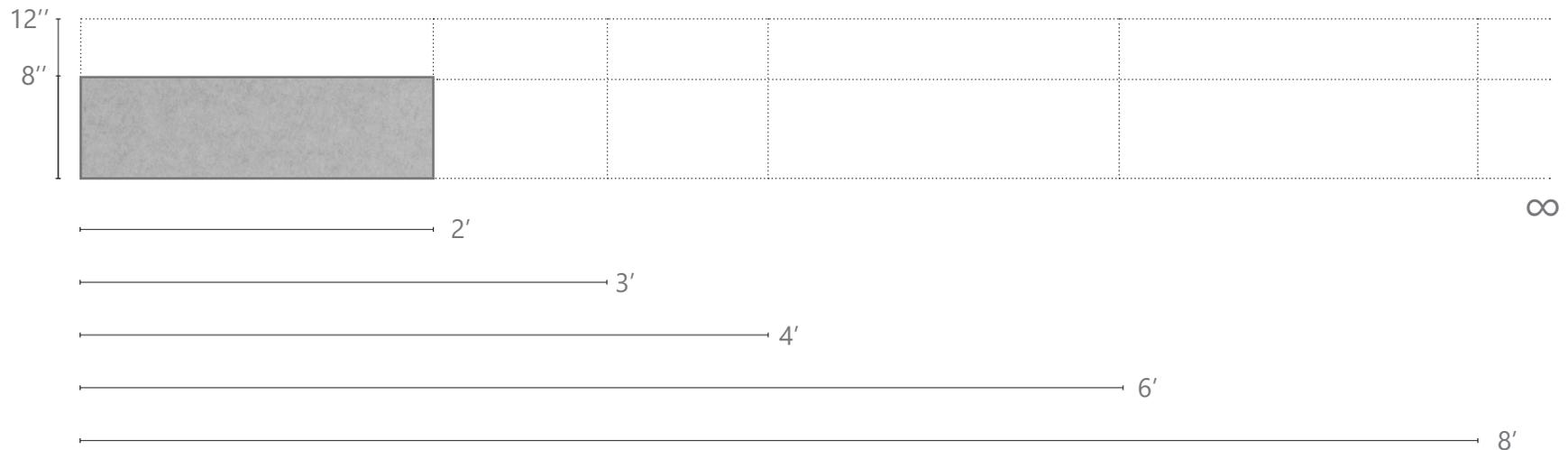


Accents

Sculpt™ SoftZone®

Choice of panel lengths and heights

- ✓ Panel lengths: 2' to 8'
- ✓ Long continuous runs available
- ✓ Panel heights: 8", 12"
- ✓ Linear lengths only (Geometric lighting forms not available with Sculpt SoftZone)
- ✓ Segments: Black, white, aluminum paint - custom finishes available



Horizontal solutions: Stencil® SoftZone®

Superior cost-effectiveness

The same amount of SoftZone material in horizontal panels provides almost twice the sound absorption of vertical panels. Horizontally positioned SoftZone panels are not only more effective at trapping sound, they are better at reducing visual clutter in comparison to their vertical counterparts.

Design flexibility

Horizontal SoftZone panels capitalize on the exceptional design freedom of Stencil Pendant. Together, they provide an effective, one-of-a-kind design tool for creating a wide variety of forms and patterns.

- ✓ Layer lighting using a wide range of optics, segments, Hubs and lighting controls.
- ✓ Layer sound attenuation using open and closed forms featuring full or partial paneling, as well as unlit SoftZone panels.
- ✓ Integrate building systems (e.g. sprinklers, ventilation) by creating openings through and between SoftZone panels.



4' Stencil® SoftZone® triangular panels

By integrating SoftZone panels in Stencil Pendant, lighting professionals capitalize on Stencil's remarkable design flexibility.

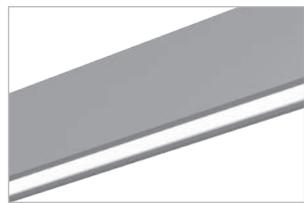


Stencil® SoftZone® Choice of optics

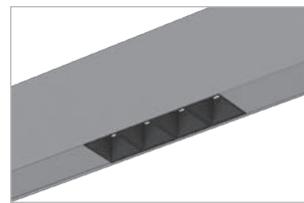
- ✓ Choice of Direct, Indirect or Direct-Indirect
- ✓ Indirect: SurroundLite™ sym. or asym. 
- ✓ Use blanks to create unlit SoftZone panels
- ✓ SoftZone retrofits available
- ✓ Integral mini-driver  (remote for DI)
- ✓ Controls available



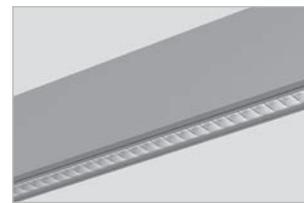
Blank or Indirect



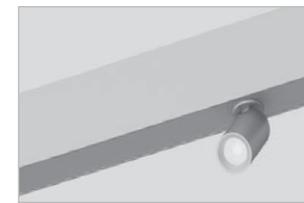
Spotless lens



MikroLite® 1.0



Louver

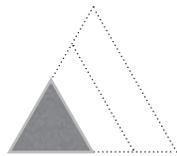


Accents

Stencil® SoftZone®

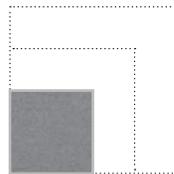
Choice of panel forms

Horizontal SoftZone panels are compatible with a wide variety of Stencil Pendant forms and patterns. Segments: Black, white, aluminum paint – custom finishes available.



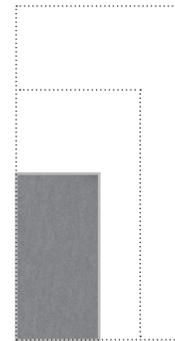
Triangle 60°

2', 3' and 4' section lengths



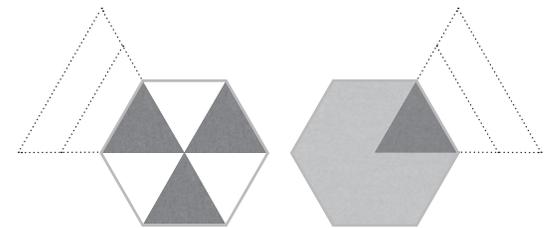
Square

2' x 2', 3' x 3', 4' x 4'



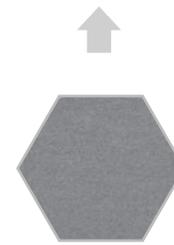
Rectangle

2' x 8' 3' x 8' 4' x 8'
 2' x 7' 3' x 7' 4' x 7'
 2' x 6' 3' x 6' 4' x 6'
 2' x 5' 3' x 5' 4' x 5'
 2' x 4' 3' x 4'
 2' x 3'



Segmented Hexagon

2', 3' and 4' section lengths



Hexagonal

2' full hexagon

Stencil® SoftZone®

Choice of Hubs

Hubs are patented, non-illuminated die-cast joiners featuring soft corners. These connectors are the building blocks for creating Stencil forms and patterns of all sizes.

Series A

| | |
|---------|---|
| 90° |  |
| 120° |  |
| 180° |  |
| End cap |  |

Series B

| | | | |
|----------|---|---------|---|
| 60° |  | 180° |  |
| 120° |  | End cap |  |
| 60°/120° |  | | |
| 120°/60° |  | | |

Note: Forms require configuration drawings. Consult your Axis Lighting representative for assistance.



2' Stencil® SoftZone® hexagonal panels integrated in a configuration of 2' Stencil Pendant hexagonal forms at varying heights



12" x 6' Sculpt™ SoftZone® panels spaced 18" apart with lighting provided by Sculpt Direct-Indirect optics (Spotless lens, MikroLite®)

Sculpt SoftZone lets you create a design motif while increasing sound absorption by alternating lit panels (in blue) with unlit sound-attenuating panels (in grey).



2' Stencil® SoftZone® hexagonal panels

**8' Sculpt™ SoftZone® Direct luminaires (flush lens) and
12" x 8' unlit Sculpt SoftZone panels spaced 24" and 38" apart**

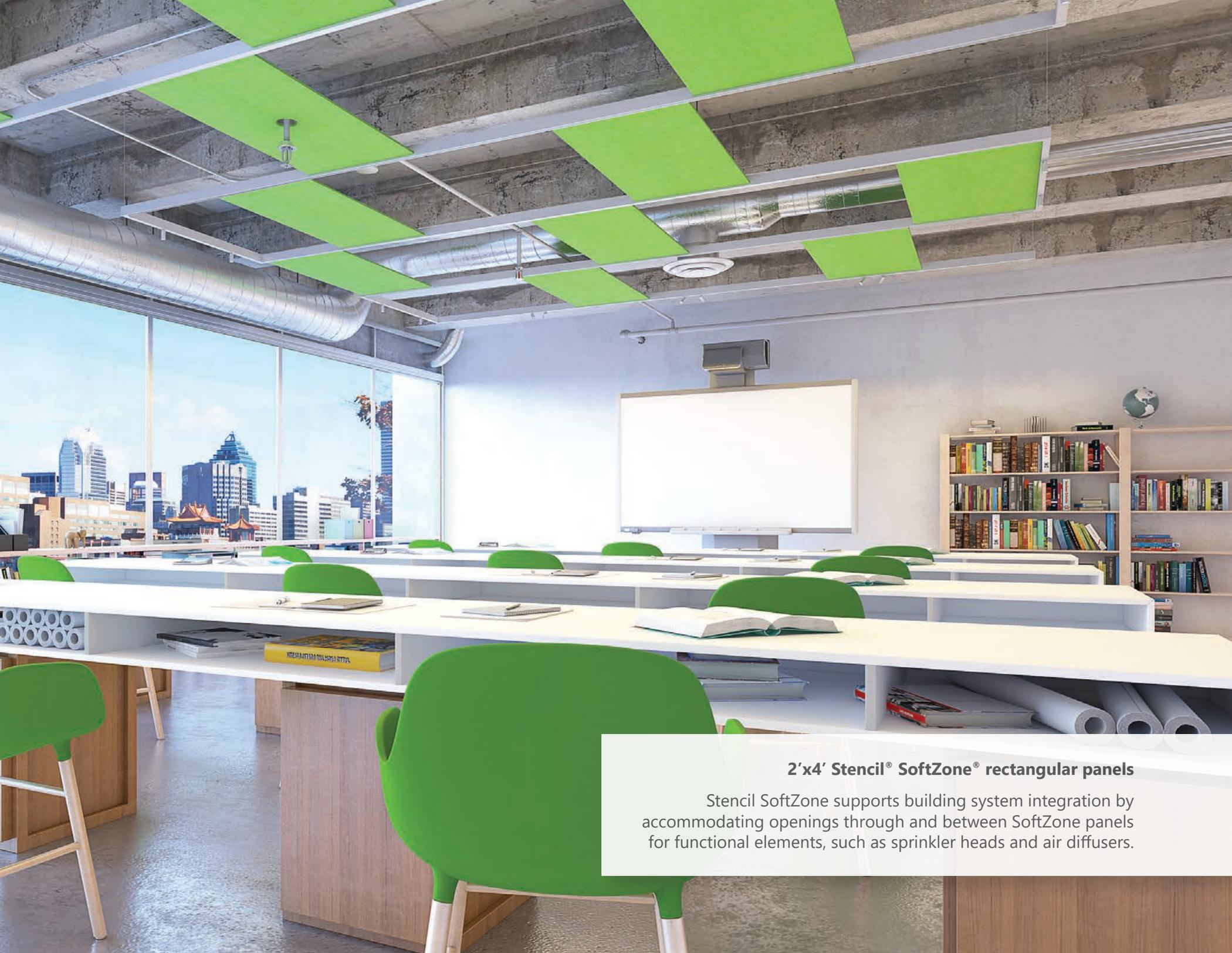
See the difference. Hear the difference.

Create your very own SoftZone® solution.

Design the optimal sound-attenuation layout with
the assistance of your Axis representative.

Consult spec sheets at axislighting.com





2'x4' Stencil® SoftZone® rectangular panels

Stencil SoftZone supports building system integration by accommodating openings through and between SoftZone panels for functional elements, such as sprinkler heads and air diffusers.

About Axis Lighting

Founded in 1991 and still family owned and managed, Axis is an important source for architectural lighting across North America and around the globe.

Over the last decade, the company has exhibited remarkable growth thanks to its commitment to Design Flexibility, Optimal Energy Efficiency and Responsive Customer Care. That leadership effort now extends to developing Innovative Lighting Technologies, such as SurroundLite™, on an ongoing basis.

On the strength of a broad and expanding product line, Axis has successfully completed lighting projects for high-profile clients including Apple, Chrysler, The Empire State Building, Google, Hyundai, Time Warner and McGill University, among many others.

Axis has the drive and the expertise to meet your needs and provide architectural lighting... your way.



We reserve the right to change specifications without notice.
Please consult our website for the most current technical information
and to locate your nearest Axis representative.

1.800.263.AXIS T 514.948.6272 F 514.948.6271

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