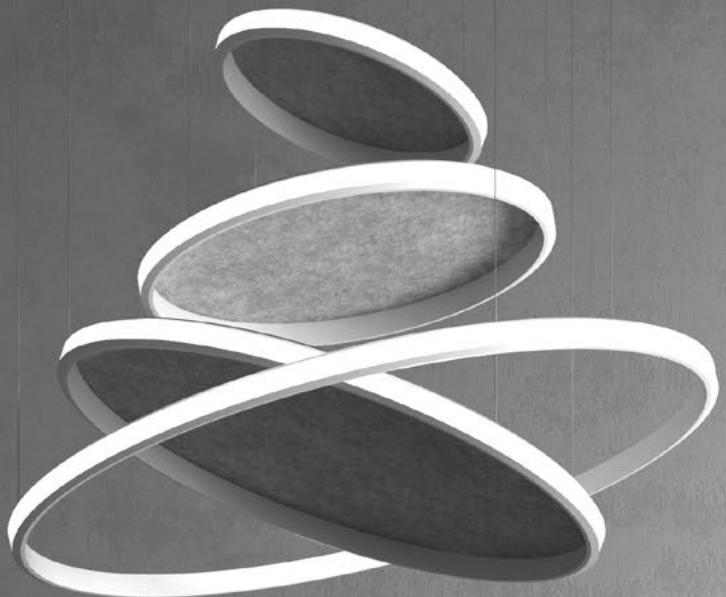


Lumenwerx 

Acoustix

INNOVATION IN ACOUSTIC LIGHTING



Acoustix Collection

Uncompromised
illumination with excellent
sound absorption

Linears



10



12



18



24



26



32

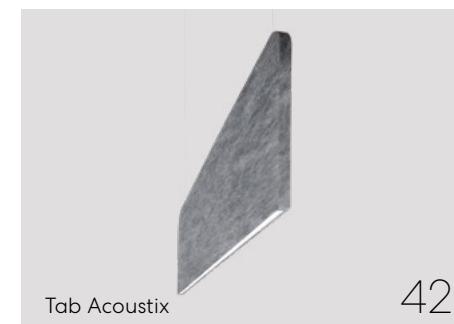
Curvlinears



38



40

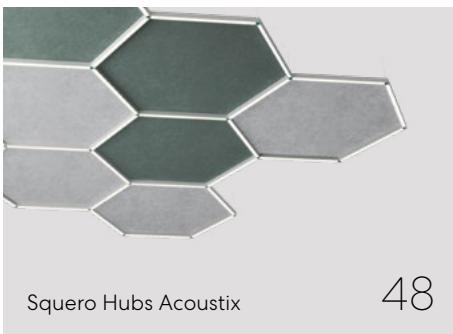


42

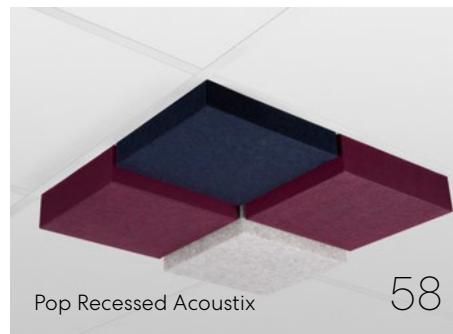
Vertical Acoustix



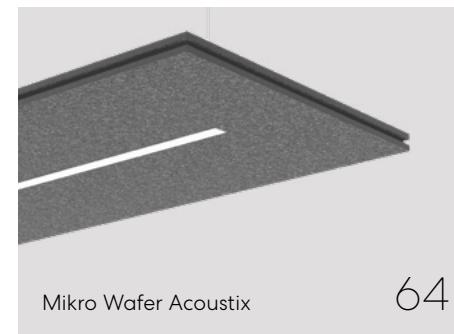
Horizontal Acoustix



48



58

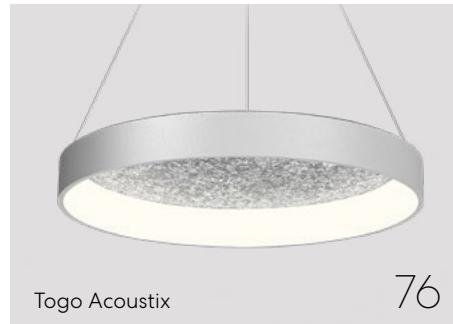


64

Architectural Decorative



70



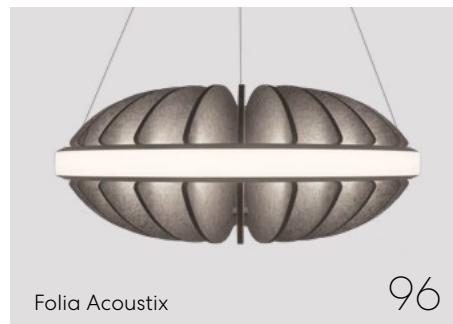
76



82



88



96

EchoCore™



Audia EchoCore™



Aera Round / Square EchoCore™



Pop Round / Square EchoCore™

[View EchoCore™ Brochure Online](#)

Acoustic Challenges

Although wide open spaces and clean lines define many modern environments, certain design elements that enhance this aesthetic—such as glass usage, open offices, unfinished ceilings, and hard, reflective surfaces—unfortunately reveal a critical downside: excess noise.

GLASS

The amount of glass in a space is increasing due to daylight requirements and the modern design of natural light in our built environment. Glass is a very hard smooth surface with a poor absorption rate that creates issues as it bounces sound around.

OPEN OFFICE

Traditionally office space was largely divided between private office space and cubicles. This has been replaced by today's open office concept. In open office space, noise increases and the need for acoustic strategies is a must.

UNFINISHED CEILINGS

Pose a separate set of challenges; often having visible duct work exposed along with ambient noise caused by their systems. Water, conduits and data raceways are exposed as well resulting in increased clamour.

HARD REFLECTING SURFACES

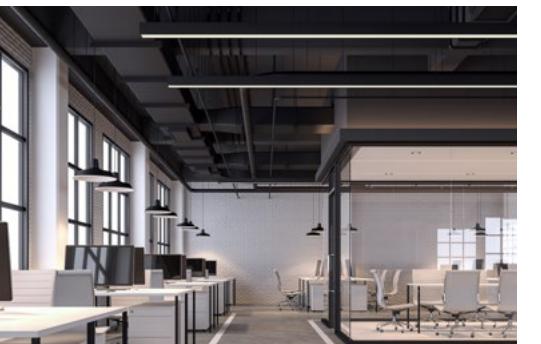
Metals, concretes, glass, brick, stone and tile all contribute to poor acoustic comfort of a space. Hard surfaces are usually clean but they tend to act poorly when it comes to sound absorption.



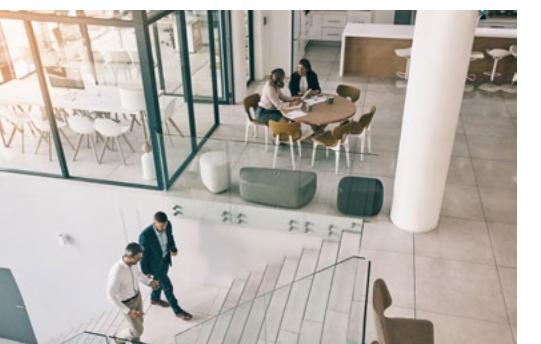
Increase use of Glass



Open Office Concept



Unfinished Ceilings



Hard Reflecting Surfaces

Our Acoustic Solutions

The Acoustix lineup uses one of two sound dampening technologies: Acoustic Felt (polyester), and EchoCore™, a technology based on Helmholtz resonance principles.



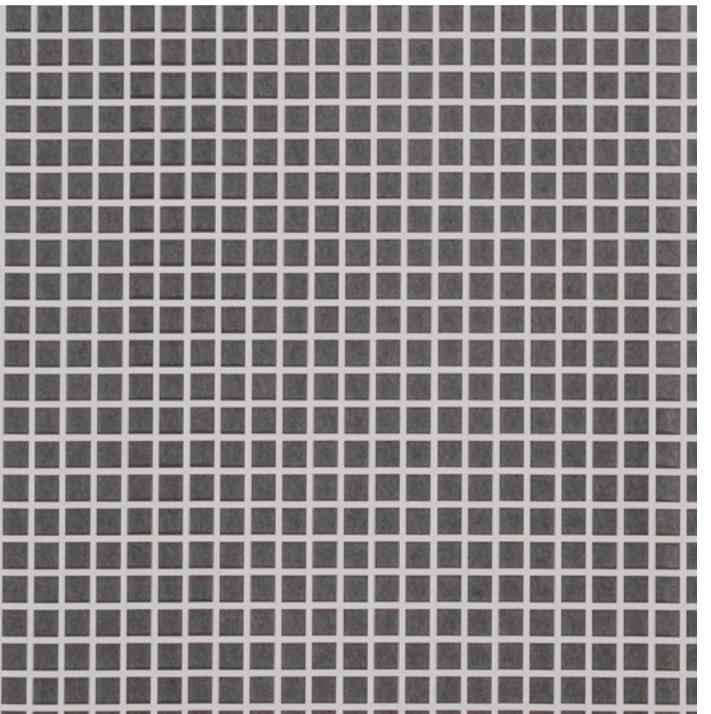
EchoCore™
Brochure PDF

Explore the architectural possibilities of the EchoCore Collection™ in the dedicated brochure.

TWO SOLUTIONS

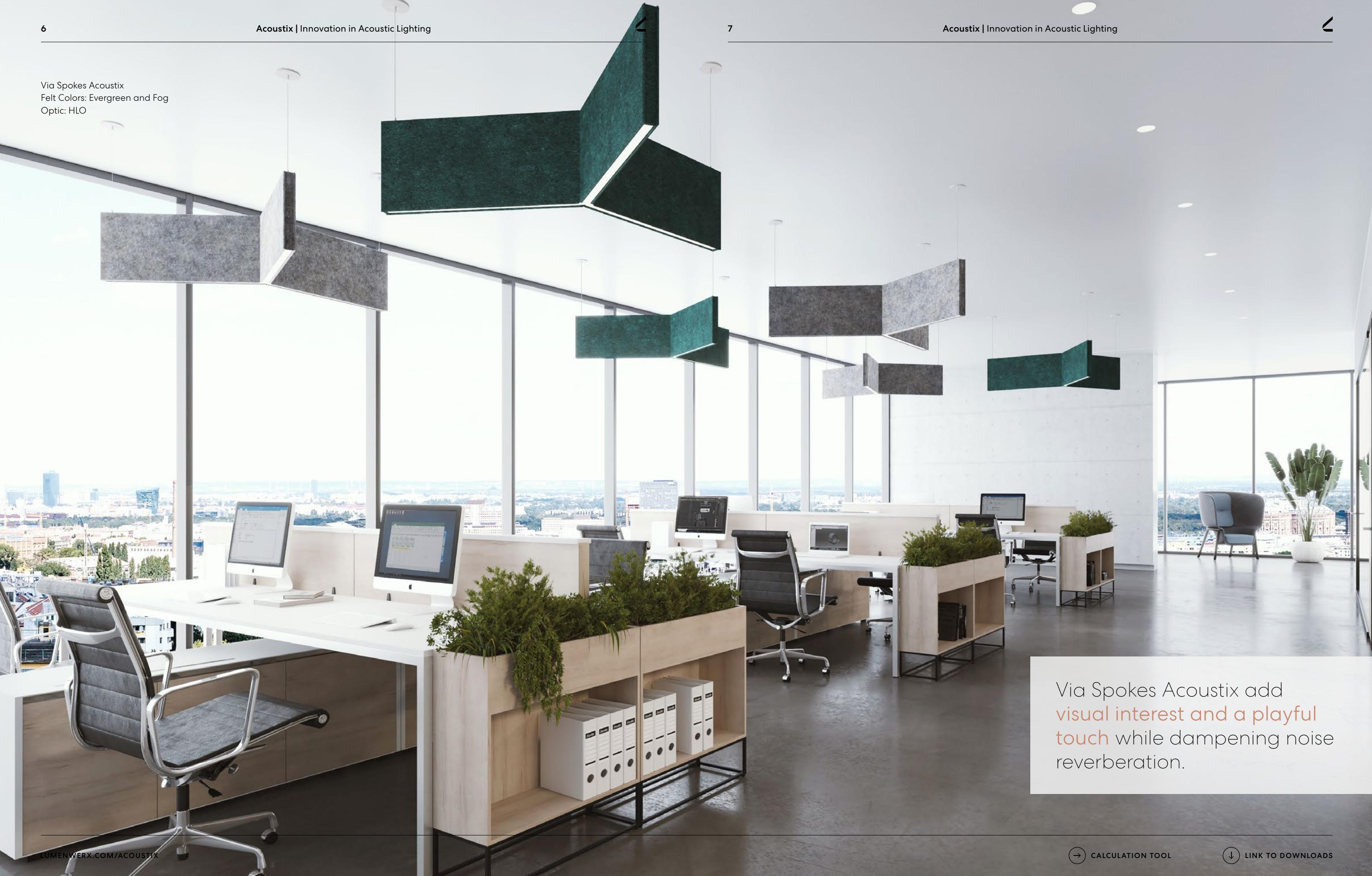


Acoustic Felt



EchoCore™ Technology

Via Spokes Acoustix
Felt Colors: Evergreen and Fog
Optic: HLO



Via Spokes Acoustix add visual interest and a playful touch while dampening noise reverberation.

Acoustic Felt



Created from recycled PET polyester (polyethylene terephthalate), acoustic felt is a sound-absorbing panel. Acoustic felt is available in our Standard, Premium, and Madera color palettes. With over 30 options, you'll find a range of colorways perfectly suited to ensure a seamless blend of aesthetics and functionality.

60%
Recycled Material

Zero VOC
Emissions

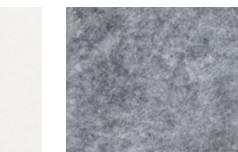
Flame Retardant

Mold Resistant
& Breathable

STANDARD COLORS



Frost White



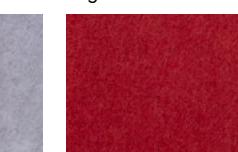
Fog



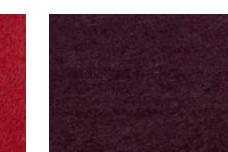
Iron



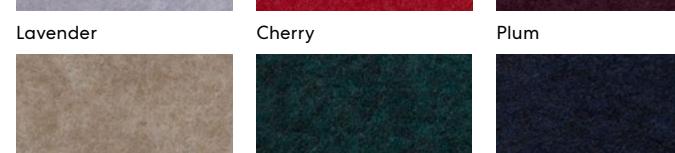
Lavender



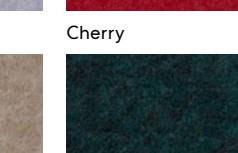
Cherry



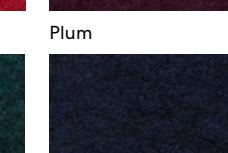
Plum



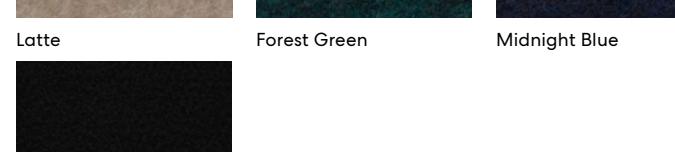
Latte



Forest Green



Midnight Blue



True Black

MADERA COLORS



Natural Oak



Teak



Beech



Grey Ash

PREMIUM COLORS



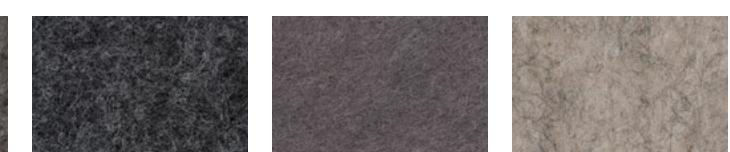
Ivory



Cloudy

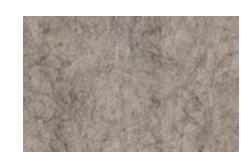


Greige



Graphite

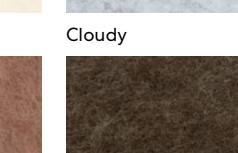
Steel



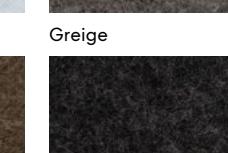
Café



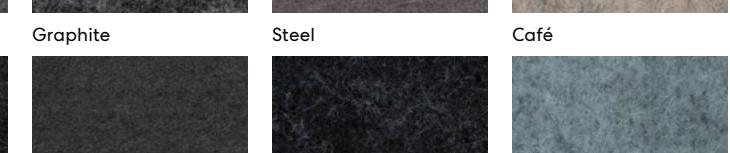
Blush



Mocha

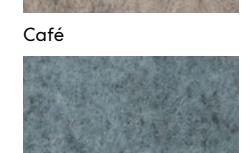


Espresso



Carbon

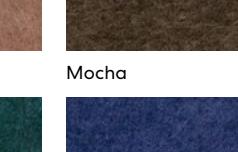
Charcoal



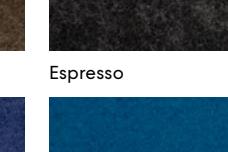
Lichen



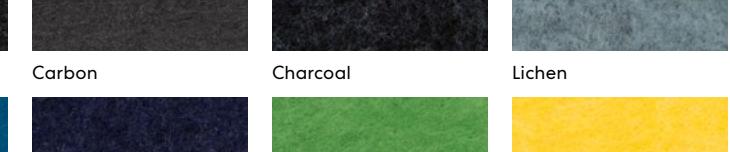
Evergreen



Blueberry



Sky



Navy

Lime



Lemon

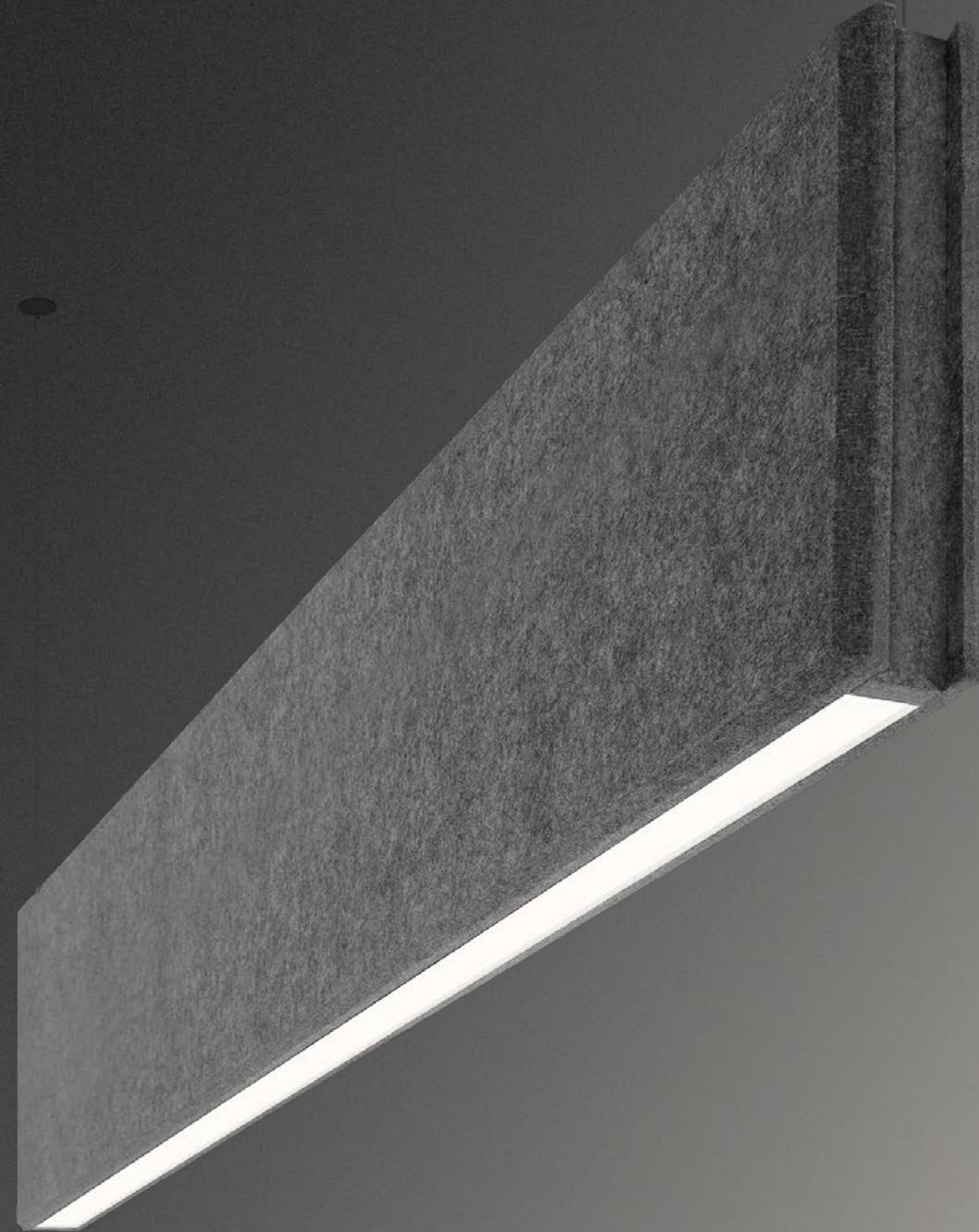


Orange



Paprika

Via 2 Acoustix
Felt Color: Iron



Declare.

Via 1.5 / Via 2 Acoustix

Precision designed for an appealing esthetic, Via Acoustix luminaires feature sound-absorbing felt, mitered seams, and regressed end caps. These single, continuous, and cost-effective units integrate effortlessly into open architectural spaces.

MADERA OPTIONS



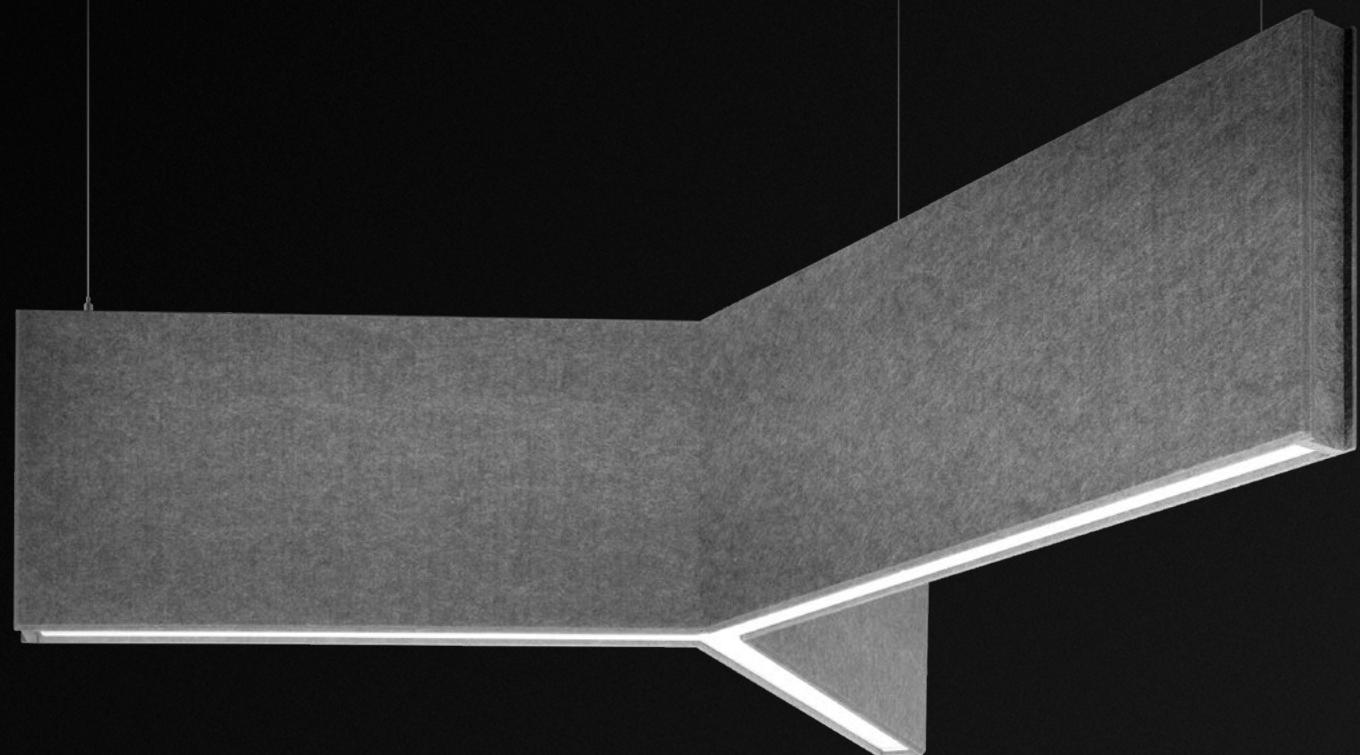
Madera Acoustix Oak Finish

Continuous Run
Available

<19 UGR
(Unified Glare Rating)

UP TO
74 lm/W

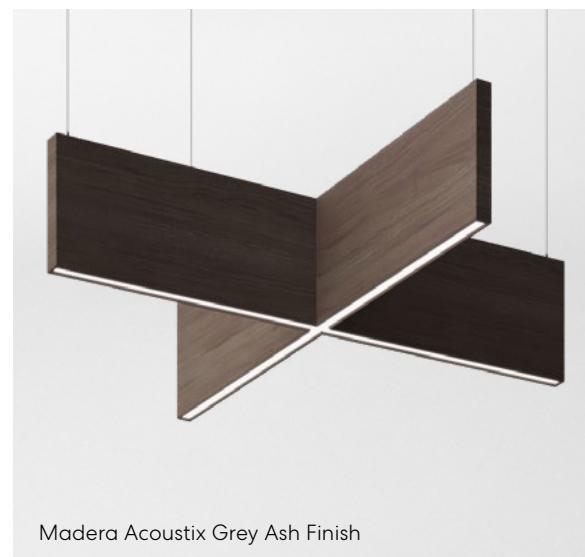
Via 2 Spoke Acoustix
Y-Shaped
Felt Color: Iron



Via 1.5 / Via 2 Spoke Acoustix

Via Spoke Acoustix fixtures are available in pre-assembled V, X, and Y spoke shapes, created by linear units mitered together. Shipped directly from factory, the spokes not only incorporate all of the features that have made the Via family so successful, including our High-Efficiency Lambertian Optic (HLO), but they also possess the ability to dampen noise reverberation.

MADERA OPTIONS

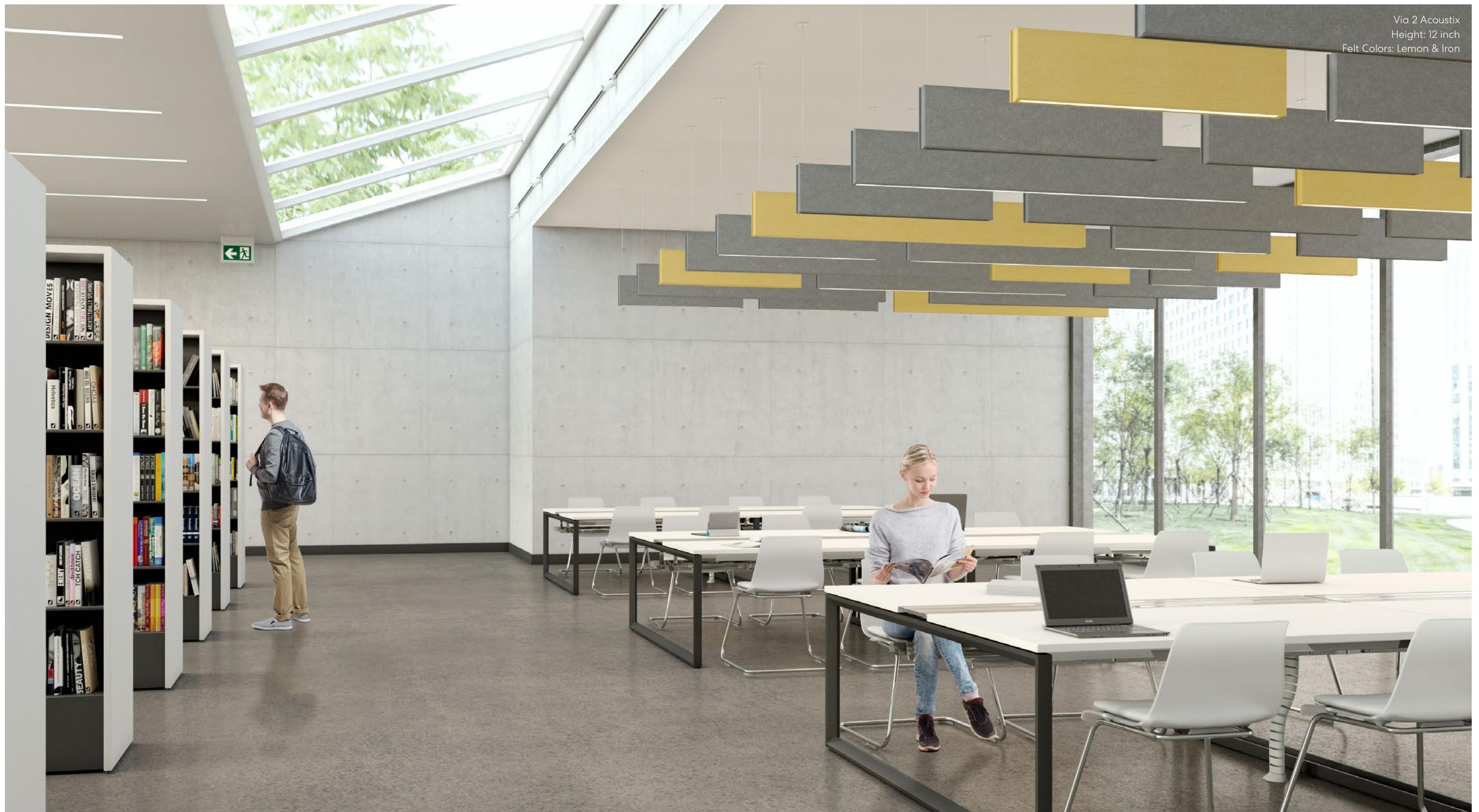


Madera Acoustix Grey Ash Finish

<19 UGR
(Unified Glare Rating)

UP TO
74 lm/W

3000 lm
maximum lumen
output (4ft)



Via 2 Acoustix
Height: 12 inch
Felt Colors: Lemon & Iron

Overview

Via 1.5 / Via 2 Acoustix

DISTRIBUTIONS	LUMINAIRE HEIGHT	COLOR RENDERING OPTIONS
Direct/Indirect	8 in, 12 in, 16 in	80+CRI, 90+ CRI (R9>50)
Direct		
Indirect		
COLOR TEMPERATURES	DIRECT OPTICS	INDIRECT OPTIC
2700K	Sola	High-Efficiency Lambertian Optic
3000K	Duo	Widespread Indirect Optics
3500K	Quadro	
4000K	Full Spectrum	
bios		
SPOKE SHAPES		
		
		
Y-Spoke	X-Spoke	





Via Stil
Felt Color: Graphite
Fixture Color: Black

Declare.

Via Stil

Make a bold, functional statement with Via Stil. Our thinnest acoustic fixture, Via Stil offers a dichotomy in textures: warm felt, capped with bold extruded aluminum. Designed for premium acoustic absorption and optimal visual appeal, Via Stil offers ambient down-lighting.

Optimal Design Ratio

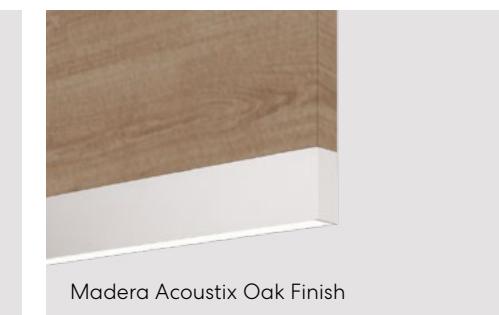
Static White
Tunable White
RGBW

UP TO
74 lm/W

MADERA & BLANK OPTIONS (All Madera Acoustix Felt colors are available)



Madera Acoustix Grey Ash Finish



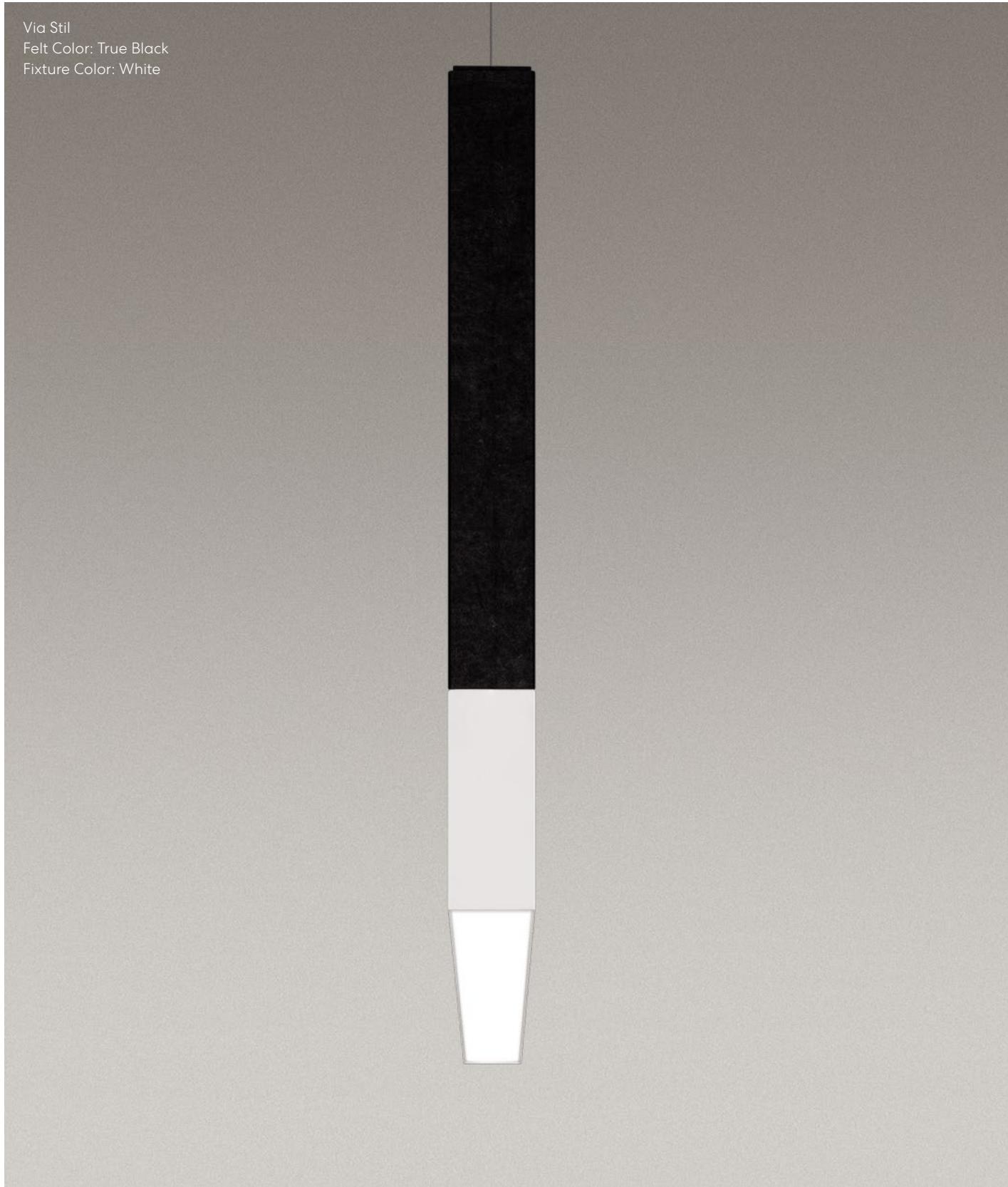
Madera Acoustix Oak Finish



Blank (Acoustic only)

Via Stil
Felt Color: Forest Green
Fixture Color: White
Height: 20 inch





Via Stil
Felt Color: True Black
Fixture Color: White

Overview

Via Stil

DISTRIBUTION	COLOR RENDERING OPTIONS	LUMINAIRE HEIGHT
Asymmetric Direct Wall Wash	80+ CRI, 90+ CRI (R9>50)	12 in 16 in 20 in
COLOR TEMPERATURES	OPTICS	
<input type="radio"/> 2700K	 Sola	Asymmetric Reflector Optic
<input type="radio"/> 3000K	 Duo	High efficiency Lambertian Optic
<input type="radio"/> 3500K	 Quadro	Wall Wash Reflector Optic
<input type="radio"/> 4000K	 Bios	

Squero Acoustix

Superior craftsmanship meets optical performance and premium sound absorption in our Squero Acoustix line. Made using fine-cut acoustic felt, Squero Acoustix offers four standard optics for advanced illumination—matte parabolic louver, specular parabolic louver, Miniature Reflector Optic (MRO), and High-Efficiency Lambertian Optic (HLO)—as well as adjustable accent modules.

OPTIC OPTIONS



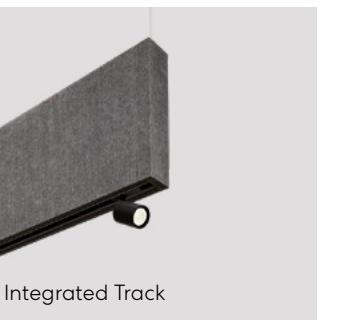
(Blank with acoustic only)



Miniature Reflector Optics



Specular Parabolic Louver



Integrated Track



Matte Parabolic Louver



High-efficiency Lambertian Optic



Adjustable Accent Module

Squero Acoustix
Felt Color: Steel
Optic: MRO



Declare.

UP TO
145 lm/W
—
Contemporary
Square-Cut
End Cap

OPTICS
Mini Reflector
Parabolic Louver
HLO
—
Flush Lens Design

<10 UGR
(Unified Glare Rating)

DISTRIBUTIONS
Direct,
Direct/Indirect

Squero Spoke Acoustix

Squero Spoke Acoustix fixtures are available in pre-assembled X and Y spoke shapes, created by linear units joined together with custom hubs. Shipped directly from factory, the spokes are architectural and decorative, and add visual interest and dynamism to any given space.

SHAPES

V, X, and Y

DISTRIBUTIONS

Direct,
Direct/Indirect

UP TO

145 lm/W

Squero Spoke Acoustix
Y-Shaped
Madera Color: Natural Oak





Squero Acoustix
Felt Color: Iron
Optic: Matte Parabolic
Louver in Silver

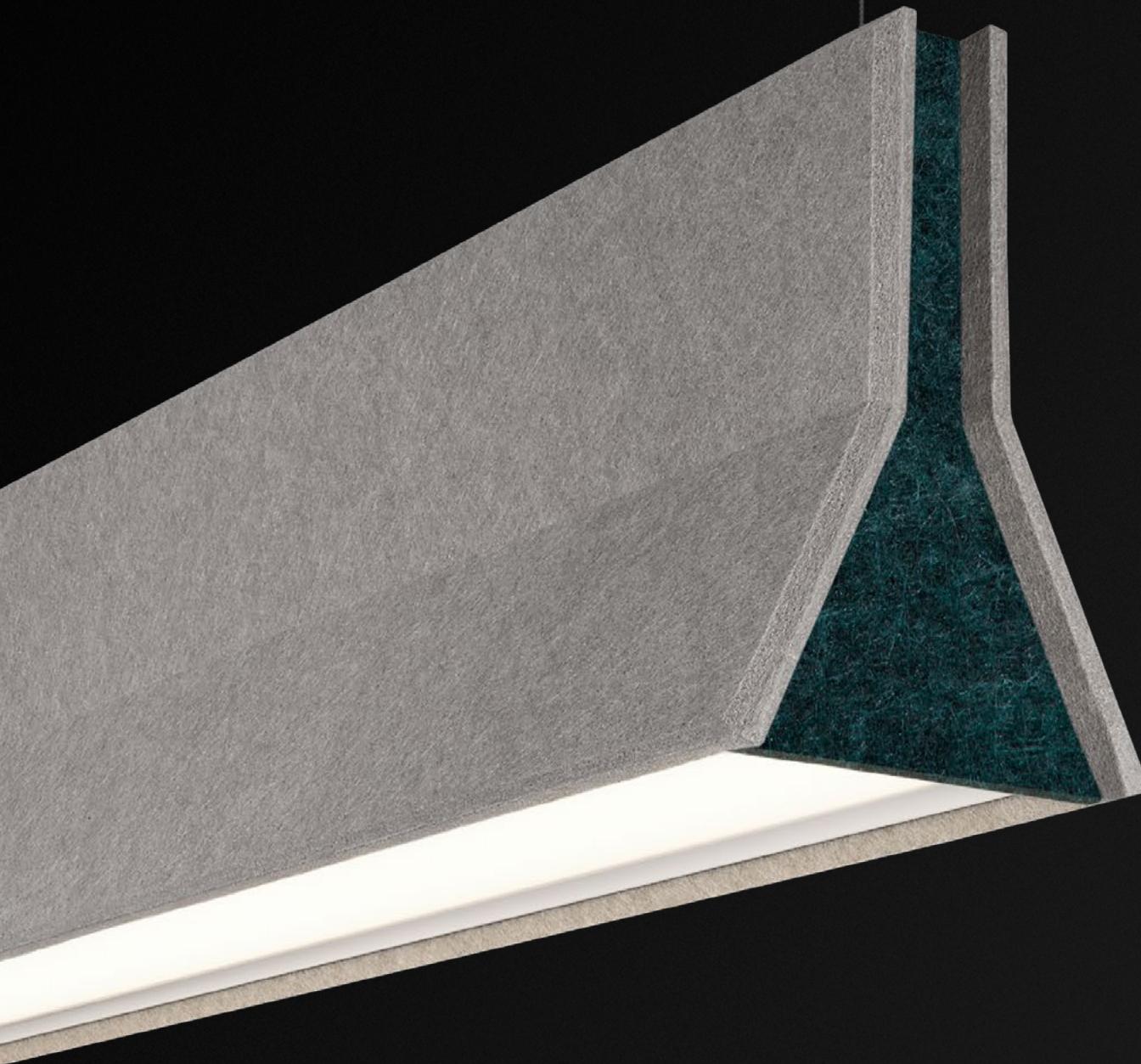


Overview

Squero Acoustix

DISTRIBUTIONS	LUMINAIRE HEIGHT	COLOR RENDERING OPTIONS
Direct/Indirect Direct Indirect	8 in, 12in, 16 in	80+CRI, 90 + CRI (R9>50)
DIRECT OPTICS		INDIRECT OPTIC
18 degrees Miniature Reflector Optics 35 degree Miniature Reflector Optics 55 degree Miniature Reflector Optics Specular Parabolic Louver Matte Parabolic Louver High-Efficiency Lambertian Optic Adjustable Accent Module		Widespread Indirect Optics Clear Lambertian Optic
COLOR TEMPERATURES		SPOKE SHAPES
<input checked="" type="radio"/> 2700K <input type="radio"/> 3000K <input type="radio"/> 3500K <input type="radio"/> 4000K <input type="radio"/> bios Bios	 X-Spoke	
	 Y-Spoke	

Arro Acoustix
Felt Colors: Fog and Evergreen



Declare.™

Arro Acoustix

Arro 4 Acoustix delivers the same great performance as Arro 4 (up to 119 lm/w) but is fitted with superb acoustic dampening technology. Offered in 4', 6', 8', 10', and 12' lengths with 10 standard color options and 19 premium colors, Arro 4 Acoustix features an elegant end cap detail, with sides extending beyond the inset end piece. You can coordinate and match the sides to the ends or chose a different color.

OPTIONS

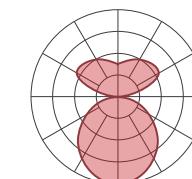


UP TO
1850 lm/ft

UP TO
119 lm/W

UP TO
95+ CRI

DISTRIBUTIONS
Direct or
Direct/Indirect





Arro 4 Acoustix
Felt colors: Cloudy and Lichen
Optic: HLO

The Arro 4 Acoustix in Cloudy and Lichen **completes** the space **balancing** color, light, scale, and proportion.



Overview

Arro Acoustix

DISTRIBUTION	COLOR RENDERING OPTIONS	LENGTHS
Direct Direct/Indirect	80+, 90+, 95+	4 ft, 6 ft, 8 ft, 10 ft, 12 ft
COLOR TEMPERATURES	OPTIC DIRECT	OPTIC INDIRECT
<input type="radio"/> 2700K	 Sola	High Efficiency Lambertian Optic
<input type="radio"/> 3000K	 Duo	Widespread Indirect Optic
<input type="radio"/> 3500K		
<input type="radio"/> 4000K		

Curvia Acoustix

WIDTH

2"

DISTRIBUTIONS

Direct
Direct/Indirect

MOUNTING

Pendant

HEIGHTS

8"

12"

16"

CONFIGURATIONS

Standalones
Continous runs
Shapes
Rings

ACOUSTIC FELT

30+
Colors

Equipped with acoustic felt, Curvia Acoustix luminaires, available in 2" widths with a minimum radius of 12", masterfully negotiate curves with finesse and maintain elegant proportions while their sound-absorbing properties ensure open spaces remain comfortably free of excessive ambient noise.

Curvia 2" Acoustix Pattern Pendant
Felt Color: Paprika
Distribution: Direct
Height: 8"



Declare. 



Curvia Acoustix

Curvia Acoustix blends curvilinear light with acoustic control, adding a sculptural touch with integrated sound-absorbing properties. It is optically equipped with our High-Efficiency Lambertian Optic (HLO) or Asymmetric Opal Optic (AOO).

Pendant-mounted, Curvia Acoustix enhances both visual and acoustic comfort to create quiet, inviting spaces.

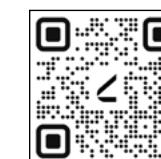
CONFIGURATIONS

Curvilinear
Shapes
Continuous Runs

ACOUSTIC FELT MATERIAL

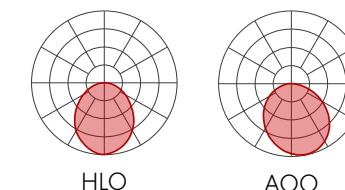
60% Recycled
Plastic Bottles
(PET)

Easy Acoustic
Calculations



Curvia Additions
Brochure PDF

DISTRIBUTIONS



Tab Acoustix



0.7"

DISTRIBUTIONS

Direct
Direct/Indirect

LENGTHS

2 ft - 8 ft

HEIGHTS

8", 12", and 16"

UP TO

500 lm/ft

Tab Acoustix
Felt Color: Blueberry
Height: 16"



Miniwerx
SERIES

Declare.

Various Tab
Felt Colors: Lemon and Plum
Optic: HLO



Tabs of different sizes and colors form an appealing visual collage.



Overview

Tab Acoustix

DISTRIBUTION	COLOR RENDERING OPTIONS	LENGTHS
Direct Direct/Indirect	90+ (R9>50)	2', 3', 4', 5', 6', 7' and 8'
SIZES (HEIGHTS)	OPTIC DIRECT	OPTIC INDIRECT
8 in 12 in 16 in	High Efficiency Lambertian Optic	High Efficiency Lambertian Optic
COLOR TEMPERATURES		
<input type="radio"/> 2700K		
<input type="radio"/> 3000K		
<input type="radio"/> 3500K		
<input type="radio"/> 4000K		



Declare.

Squero Hubs Acoustix

Squero Hubs Acoustix pendant fixtures embody superior craftsmanship and versatile high performance. With exceptional sound absorption from fine-cut acoustic felt and low-glare illumination down to UGR<10, not to mention multiple optics for direct and indirect distribution, these fixtures create beautifully lit and comfortable spaces.

UP TO
1000 lm/ft

HUBS CONNECTORS
2-, 3-,
& 4-way

VISUAL COMFORT
Low
Glare

OPTICS
4+ Direct Optics
2+ Indirect Optics

ACOUSTIC FELT OPTIONS
30+
Colors

SHAPE OPTIONS
Square
Rectangle
Hexagon
Triangle



Squero Hubs Acoustix

Optic: HLO, Accent Hubs : Hub V 120°, Hub Y 120°

(Accent Plate Color: Custom)

Shapes: Hexagon, Felt Colors: Lichen, Cloudy

Squero Hubs Acoustix
 configuration brings sculptural
 interest and general illumination
 while reducing ambient noise.

Configuration

Squero Hubs Acoustix

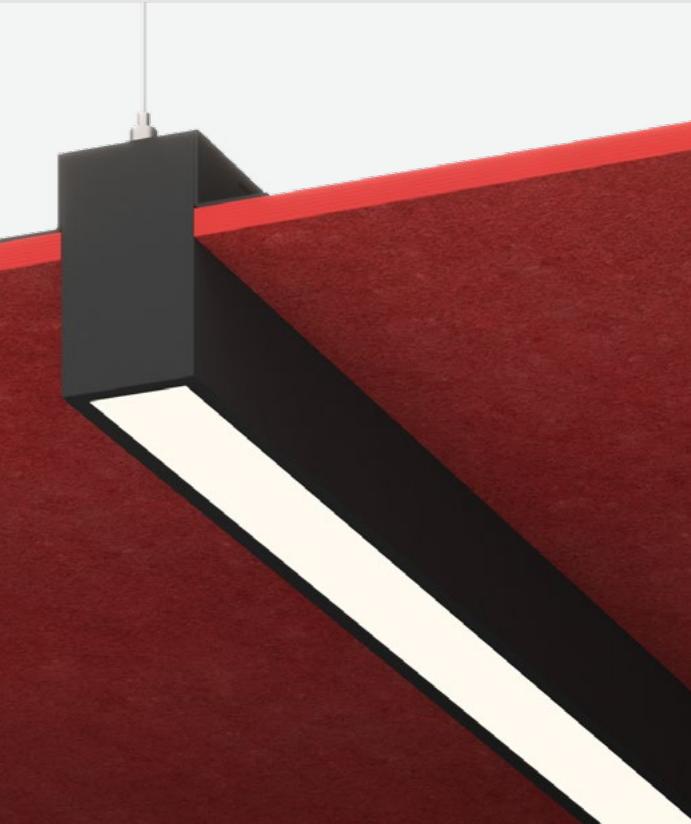
ACOUSTIC
Impressive
Sound Absorption

MODULAR DESIGN
Flexible
and Scalable

SUSTAINABILITY
50%
Recycled Materials*

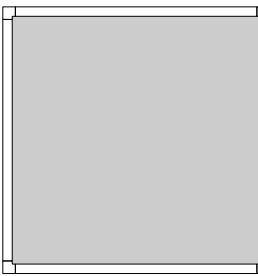
COST EFFECTIVE
Easy
Integration

Flexible, scalable, and providing impressive sound absorption, the Squero Hubs Acoustix System features four geometric shapes that function as standalone luminaires or combine into custom configurations using 2-, 3-, or 4-way Hubs Connectors. Acoustic panels can cover the entire setup or specific modules. Blank Covers are available for areas needing sound absorption without illumination. Squero Hubs Acoustix easily integrates with other building systems, including sprinklers, air conduits, and sound equipment.



*Acoustic Felt is composed of at least 50% recycled plastic bottles (PET), and the metal extrusion is made from locally sourced recycled aluminum.

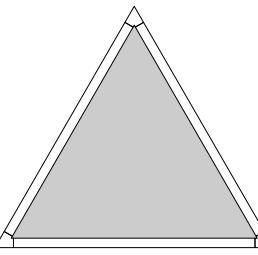
4+ SHAPES



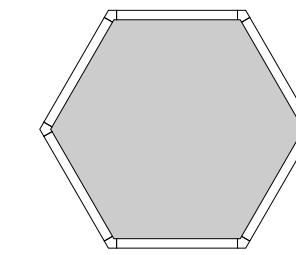
SQUARE



RECTANGLE



TRIANGLE



HEXAGON



2-WAY HUBS

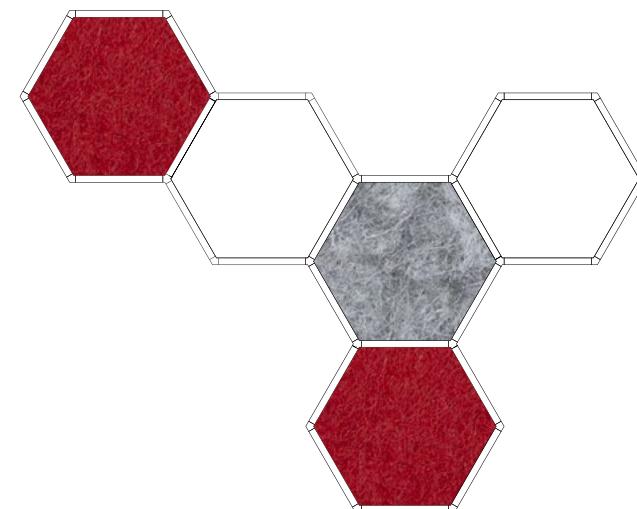
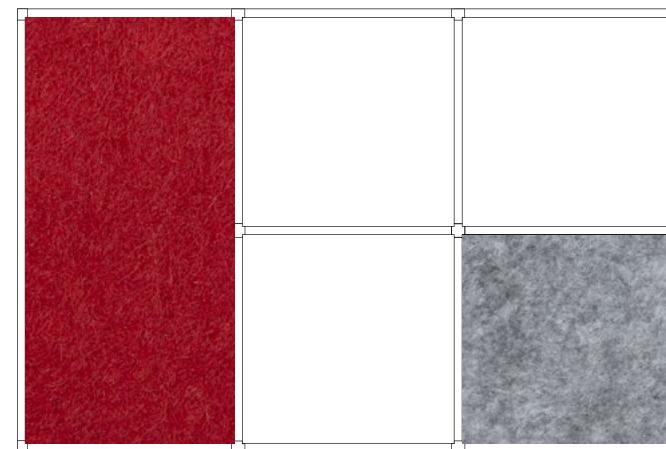


3-WAY HUBS



4-WAY HUBS

INFINITE CONFIGURATIONS



Optics

Squero Hubs Acoustix

LOW GLARE

<10 UGR

UP TO

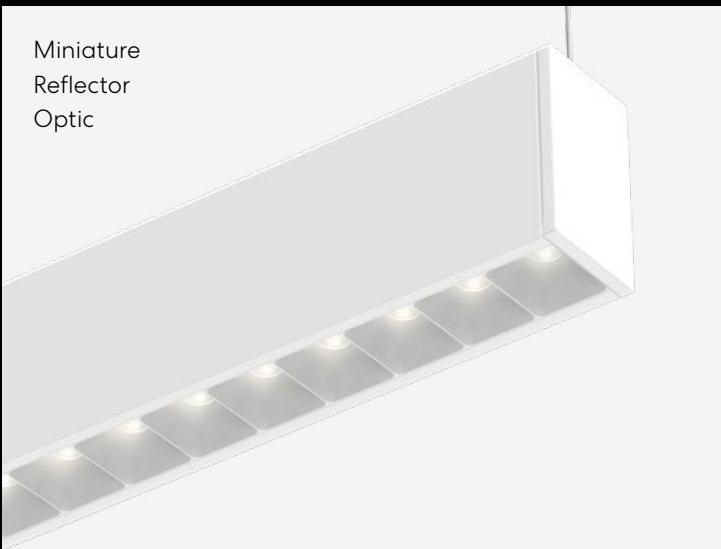
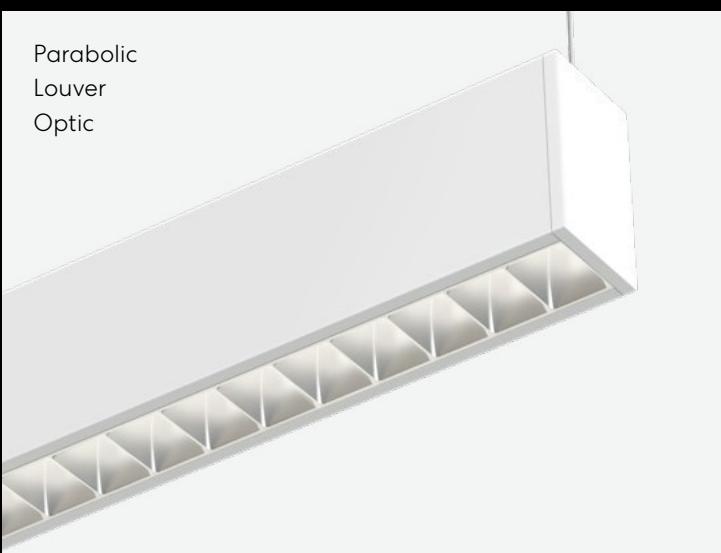
1000 lm/ft

DISTRIBUTIONS

Direct/Indirect
Direct

LENGTHS

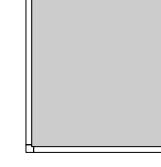
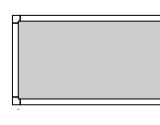
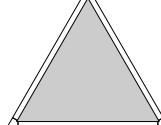
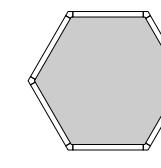
2' to 12'





Overview

Squero Hubs Acoustix

DISTRIBUTIONS	MOUNTING OPTION	COLOR RENDERING
 Direct  Direct/Indirect	 Pendant	80 CRI 90 CRI
COLOR TEMPERATURES	DIRECT OPTICS	INDIRECT OPTICS
 2700K  3000K  3500K  4000K  Bios	Miniature Reflector Optic Parabolic Louver Optic High-Efficiency Lambertian Optic	Widespread Indirect Optic Translucent Indirect Optic
HUBS CONNECTORS	SHAPES	
2-Way	3-Way	4-Way
		
		
		
		
		
		 SQUARE
		 RECTANGLE
		 TRIANGLE
		 HEXAGON

Pop Recessed Acoustix

Pop Recessed Acoustix is an unlit acoustic form that fits into suspended ceiling tile. Available in three shapes, four heights, and 29 PET felt colors (10 standard and 19 premium), Pop Recessed Acoustix can be used with Acoustix and /or traditional luminaires. Mix the patterns, heights and colors to create truly unique acoustic lighting solutions.

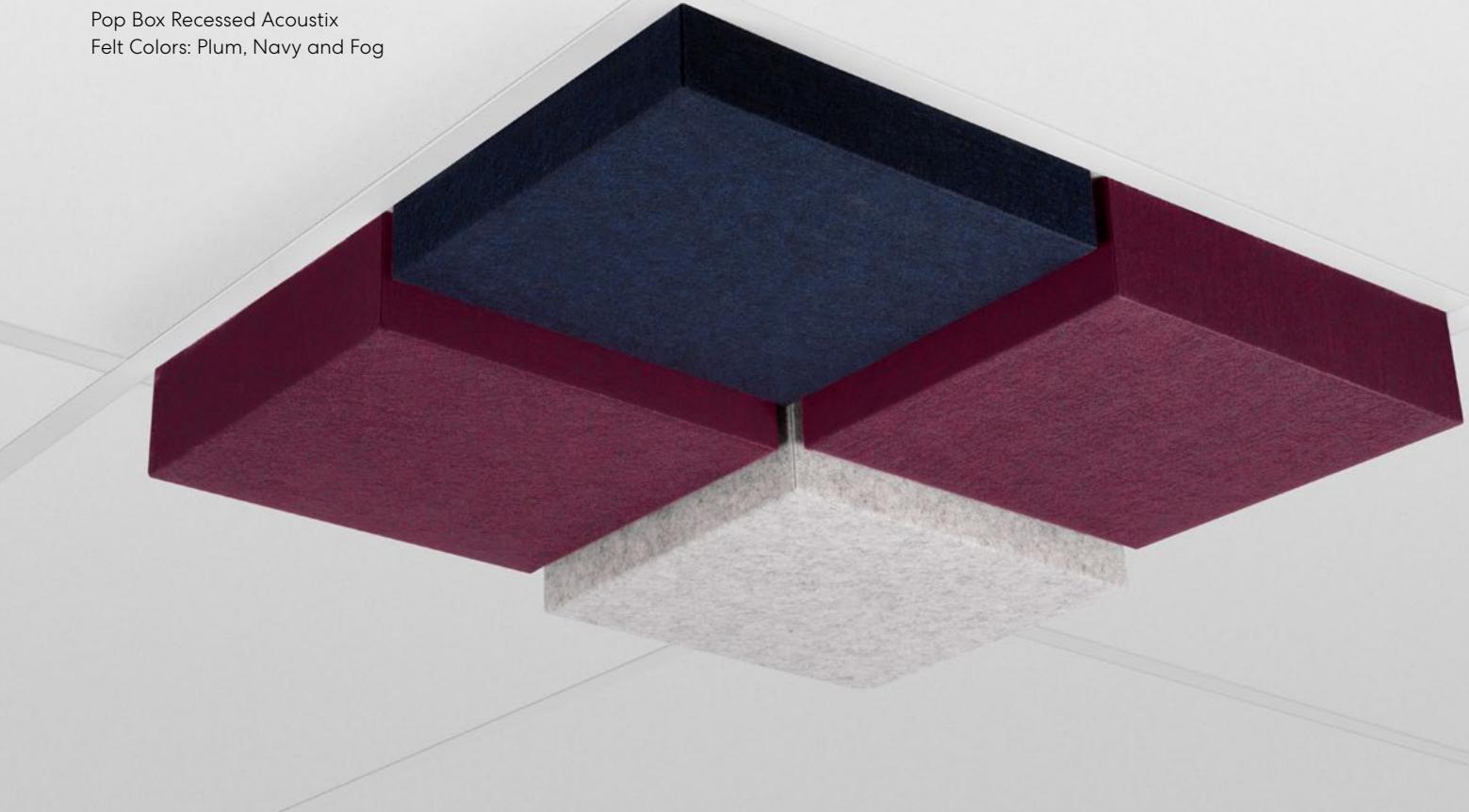
Visually
Interesting

Endless Design
Possibilities

4
Heights

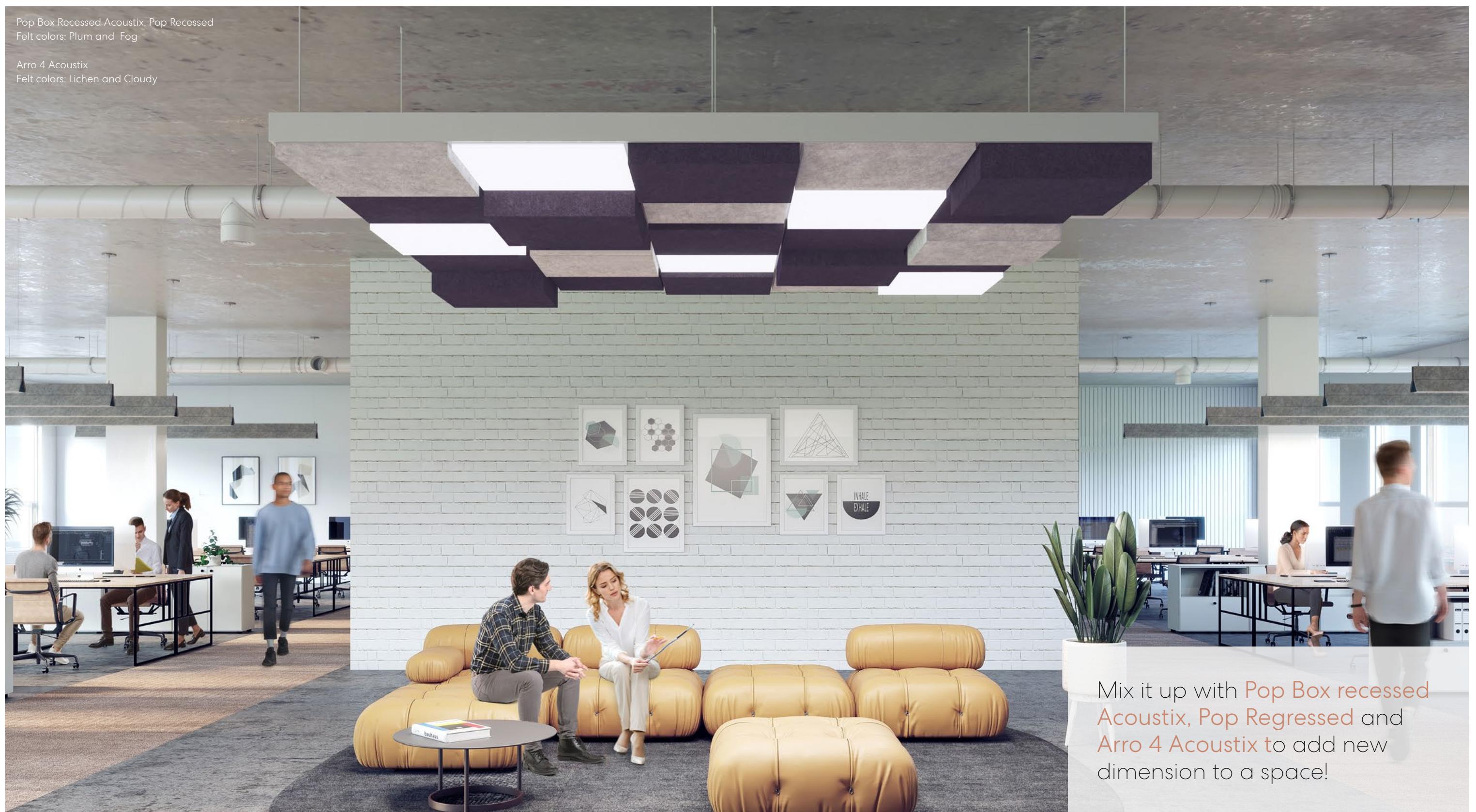
3
Patterns

Pop Box Recessed Acoustix
Felt Colors: Plum, Navy and Fog



Pop Box Recessed Acoustix, Pop Recessed
Felt colors: Plum and Fog

Arro 4 Acoustix
Felt colors: Lichen and Cloudy



Mix it up with **Pop Box recessed Acoustix, Pop Regressed and Arro 4 Acoustix** to add new dimension to a space!

Overview

Pop Recessed

MOUNTING

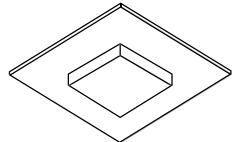
Regular 9/16"
 Regular 15/16"
 T-bar 9/16"
 T-bar 15/16"
 Screw Slot T-bar

HEIGHT

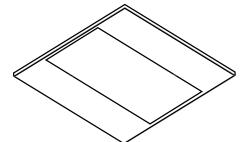
FH, 1 in, 2 in, 3 in, 4 in

PATTERN

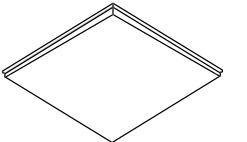
1x1
 Only available in 1' and 2' drop



1x2
 Only available in Flush



2x2
 Available in all height



Mikro Wafer

Introducing Mikro Wafer, a soundabsorbing wafer with our thinnest aperture yet. Featuring three layers of acoustic panels and our proprietary integral driver, Mikro Wafer tucks into open ceilings and ductwork for a clean look, and exceptional lines of light.

Increase of 20%
sound absorption
vs other horizontal
acoustic luminaires

UP TO

95 lm/W
illumination

Available
in 3 sizes

Biologically
optimized lighting
with BIOS LED

OPTION



Blank

Mikro Wafer
Felt Color: Iron



Declare.



Mikro Wafer
Felt color: Plum

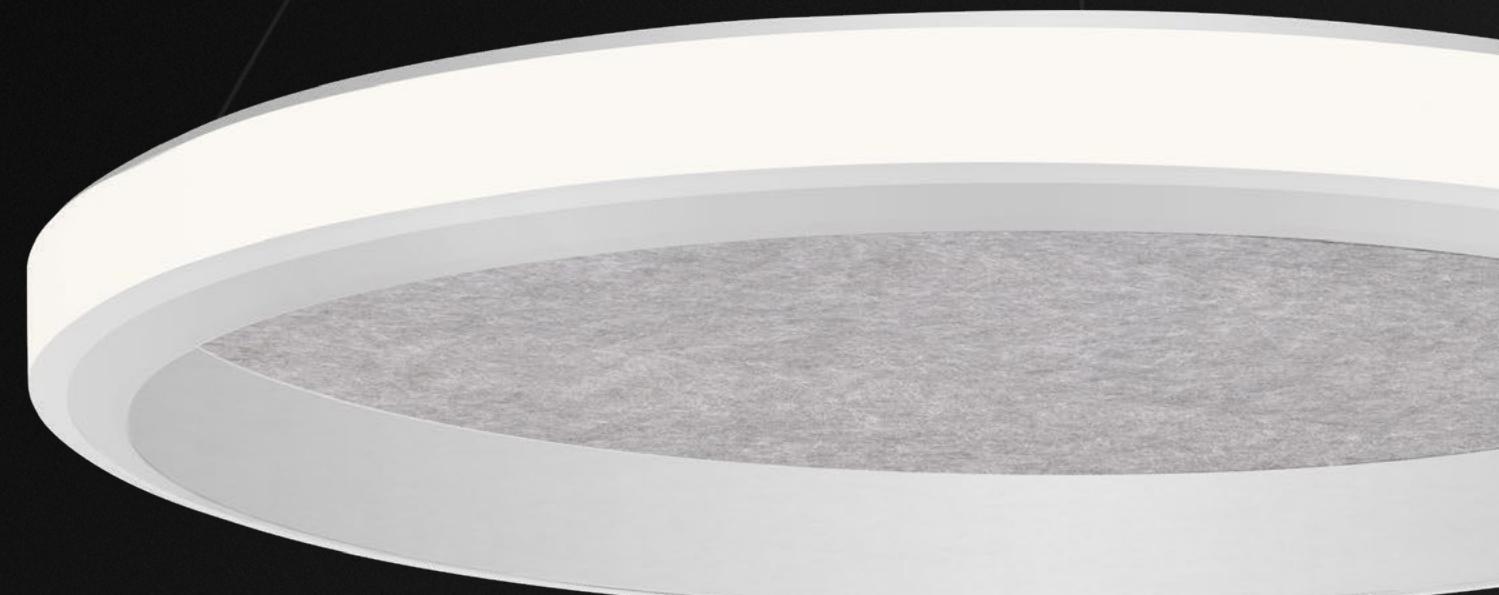


Overview

Mikro Wafer

DISTRIBUTION	OPTIC INDIRECT	COLOR RENDERING OPTIONS
Direct Direct/Indirect	High Efficiency Lambertian Clear Lambertian	80+ CRI, 90+ CRI (R9>50)
COLOR TEMPERATURES	OPTIC INDIRECT	
<input type="radio"/> 2700K	 Bios	High Efficiency Lambertian
<input type="radio"/> 3000K		
<input type="radio"/> 3500K		
<input type="radio"/> 4000K		

Rim Verso Acoustix
Felt Color: Fog



Declare.

Rim Verso Acoustix

Noise cancelling and easy on the eyes, our Rim Verso Acoustix makes the perfect open office chandelier. Comprised of a circular sheet of sound-absorbing material surrounded by a continuous external luminaire, Rim Verso Acoustix is available in multiple colors to fit any interior design scheme.

3 Size Options

OPTION



Direct View
Illumination

UP TO
77 lm/W

8000
Maximum Lumen
Output

Rim Verso Acoustix
Diameter: 36 in
Felt Color: Café



Overview

Rim Verso Acoustix

DISTRIBUTION

Direct View

COLOR RENDERING OPTIONS

90+ CRI (R9>50)

COLOR TEMPERATURES

- 2700K
- 3000K
- 3500K
- 4000K

OPTICS

Uniform Lambertian Optic

SIZES

24 inch diameter
36 inch diameter
48 inch diameter



Togo Acoustix

OPTION



Blank with acoustic only

Flexible Design
in 3 Size Options

UP TO

85 lm/W
Illumination

9000
Maximum Lumen
Output

9 Standard Color
Options for the
Housing

Togo Acoustix
Felt Color: Latte
Housing Color: Black



Declare.



Togo Acoustix
Diameter: 36 in
Felt Colors: Lichen and Café
Housing Color: White

Overview

Togo Acoustix

DISTRIBUTION

COLOR RENDERING OPTIONS

Direct Only 90+ CRI (R9>50)

COLOR TEMPERATURES

OPTICS

DIAMETERS

- 2700K ● Sola Uniform Lambertian Optic 24"
- 3000K ● Duo Uniform Lambertian Optic 36"
- 3500K ● Quadro Uniform Lambertian Optic 48"
- 4000K



Cluster Acoustix

OPTION



Sharp Edge, Soft Edge and Parabolic Optics available

UGR of < 10

Conical, Square or Hyper Parabolic Louvers available

Matte Black, Matte White, Black Chrome, Gold and Copper Louver Color choices

A new spin on a classic cylinder. Cluster Acoustix offers up some stylish lighting. Cluster Acoustix is the small, precise, and soft warm lighting for any space. Based on a fundamental 1.2" square cell, Clusters provides a fresh, crisp look at architectural lighting. Cluster Acoustix comes in both planar or 4 cell configuration with many color choices on the optic louvers.

Cluster Acoustix
Felt Colors: True Black and Fog, Forest Green and Iron, Plum and True Black
Louvers: Matte Black



Declare.



Overview

Cluster Acoustix

DISTRIBUTION	COLOR RENDERING OPTIONS	OPTIC DIRECT
Direct	90+ CRI (R9>50)	Parabolic Soft edge downlight Sharp edge downlight
COLOR TEMPERATURES	LOUVER TYPE	LOUVER FINISH
 2700K	 Sola	Conical
 3000K	 Duo	Hyperbolic
 3500K		Square
 4000K	Bios	
		 Textured Matte White
		 Textured Matte Black
		 Black Chrome
		 Gold
		 Copper

* Please see the latest specification sheet on our website for all possible combinations for the Cluster Acoustix.



Cluster Acoustix
Felt Colors: Navy and Iron

Arq Acoustix

Light and sound solutions work in concert in the Arq Globe Acoustix, Arq Flair Acoustix, and Arq Aera Acoustix luminaires, the three pendants that compose our Arq Acoustix product line. Sleek and minimalist in form, they deliver quality illumination with shades made of felt created from recycled bottles, a material that not only absorbs sound and reduces reverberation, but also exudes warmth and adds a tactile dimension to the lighting experience.

The Arq Globe is lit fully with our Isotropic Radiant Optic™ (IRO™) distributing light smoothly and evenly in all directions, thereby avoiding undesirable hotspots. The Arq Flair uses an artistic diffuser for soft-glowing direct or direct/indirect distribution, while the Arq Aera benefits from Lumenwerx's XPoint™ Refraction Technology, offering direct or direct/indirect distribution with precise optical control.

3 MODELS

Arq Globe, Arq Flair
and Arq Aera

1 SIZE

24" Diameter

DISTRIBUTIONS

Direct (Arq Globe)
Direct, Direct/Indirect
(Arq Flair, Arq Aera)

FELT SHADES

4 Color Combinations

Arq Globe Acoustix
Felt Combination: Midnight Blue and Cloudy
Globe Diameter: 8"



One archetype, three variations



ARQ FLAIR

Incorporates a cylindrical diffuser
for a contemporary look and feel.



ARQ GLOBE

Exudes vintage vibes
with its exposed bulbous Globe light.



ARQ AERA

Brings uplight, downlight and
sustainable acoustic solutions

UP TO

113 lm/W
Performance

Increased
Noise Control

Sustainable
Acoustic Control

Arq Aera Acoustix
Felt Combination: Latte and Sand



Overview

Arq

DISTRIBUTIONS	COLOR RENDERING OPTIONS	MOUNTING CABLE LENGTHS
ARQ FLAIR Direct and Direct/ Indirect	80, 90, 95 CRI	24 in, 36 in, 48 in
ARQ GLOBE Direct		
ARQ AERA Direct and Direct/Indirect		
COLOR TEMPERATURES	OPTICS	SIZES
<input checked="" type="radio"/> 2700K	<input checked="" type="radio"/> ARQ FLAIR Artistic Diffuser	24 in diameter
<input checked="" type="radio"/> 3000K	<input checked="" type="radio"/> ARQ GLOBE Isotropic Radiant Optic™ (IRO™)	
<input checked="" type="radio"/> 3500K	<input checked="" type="radio"/> ARQ AERA XPoint™ Refraction Technology	
COLOR COMBINATIONS		
		Outside Fog Inside Cloudy
		Outside Midnight blue Inside Cloudy
		Outside Latte Inside Sand
		Outside Cherry Inside Sand



Folia Bellis
Various Shapes
Felt Color: Lichen



Folia Acoustix

Inspired by Nature

The four luminaires that make up our Folia Acoustix product line—Folia Bellis, Folia Calla, Folia Calla Shallow, and Folia Dahlia—were designed to not only deliver quality illumination, but also to reduce sound reverberation and act as decorative elements in interior settings.

Composed of numerous layers of sound absorbing materials created from recycled bottles, the voluminous fixtures are graced with an esthetic inspired by the shapes and forms of the botanical world. Unlit during the day, they appear as visually rich sculptural mobiles, but come nighttime, the dynamic luminaires transform into glowing celestial bodies.

4 MODELS

Folia Bellis, Folia Calla,
Folia Calla Shallow,
Folia Dahlia

3 SIZES

24", 36", 48" Diameter

DISTRIBUTIONS

Outward
& Outward/Inward

Folia Acoustix



FOLIA BELLIS

FOLIA CALLA

FOLIA CALLA SHALLOW

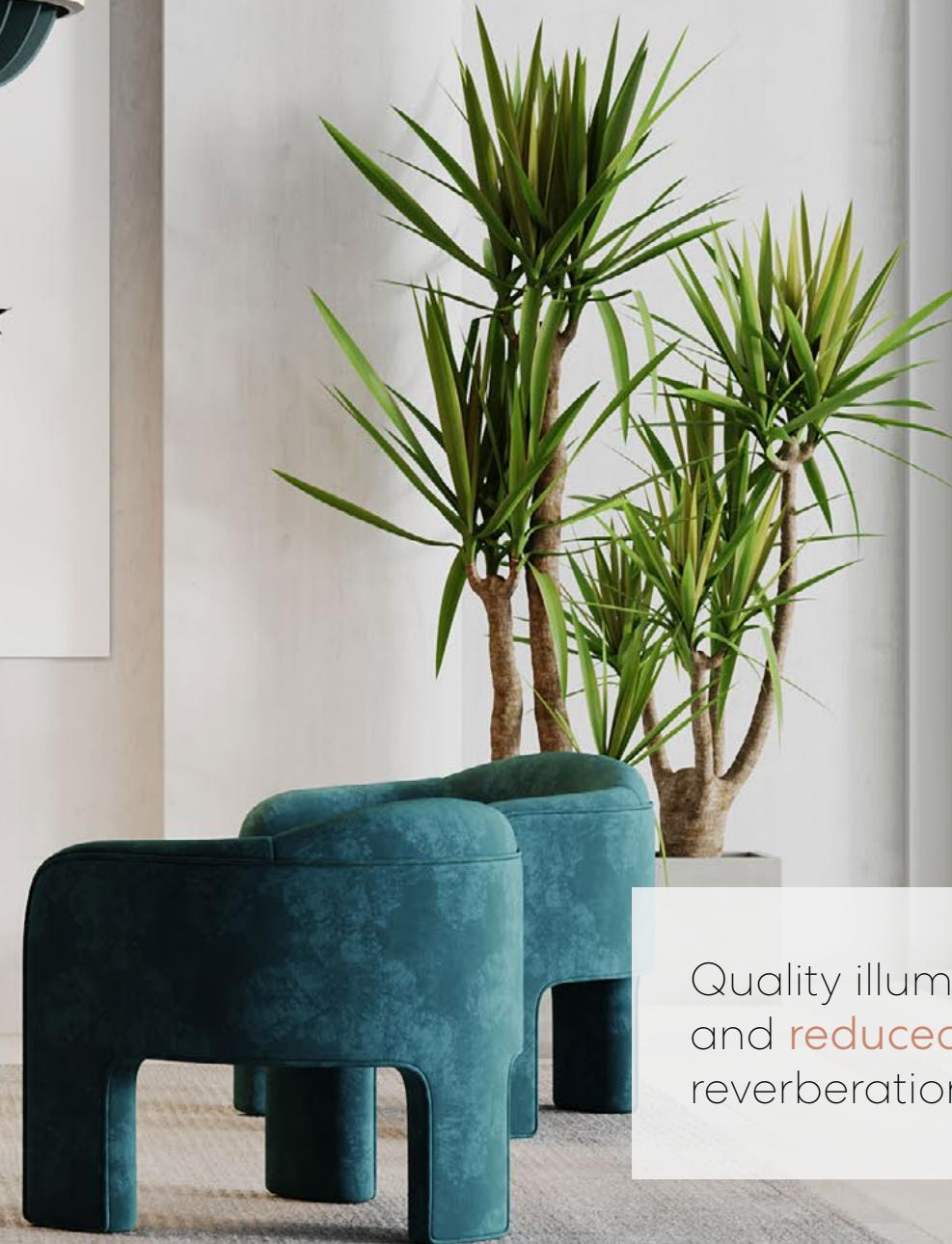
FOLIA DAHLIA

UP TO
90 lm/W
Performance

Increased
Noise Control

Sustainable
Acoustic Control

Folia Dhalia
Diameters: 24" and 36"
Felt Color: Forest Green

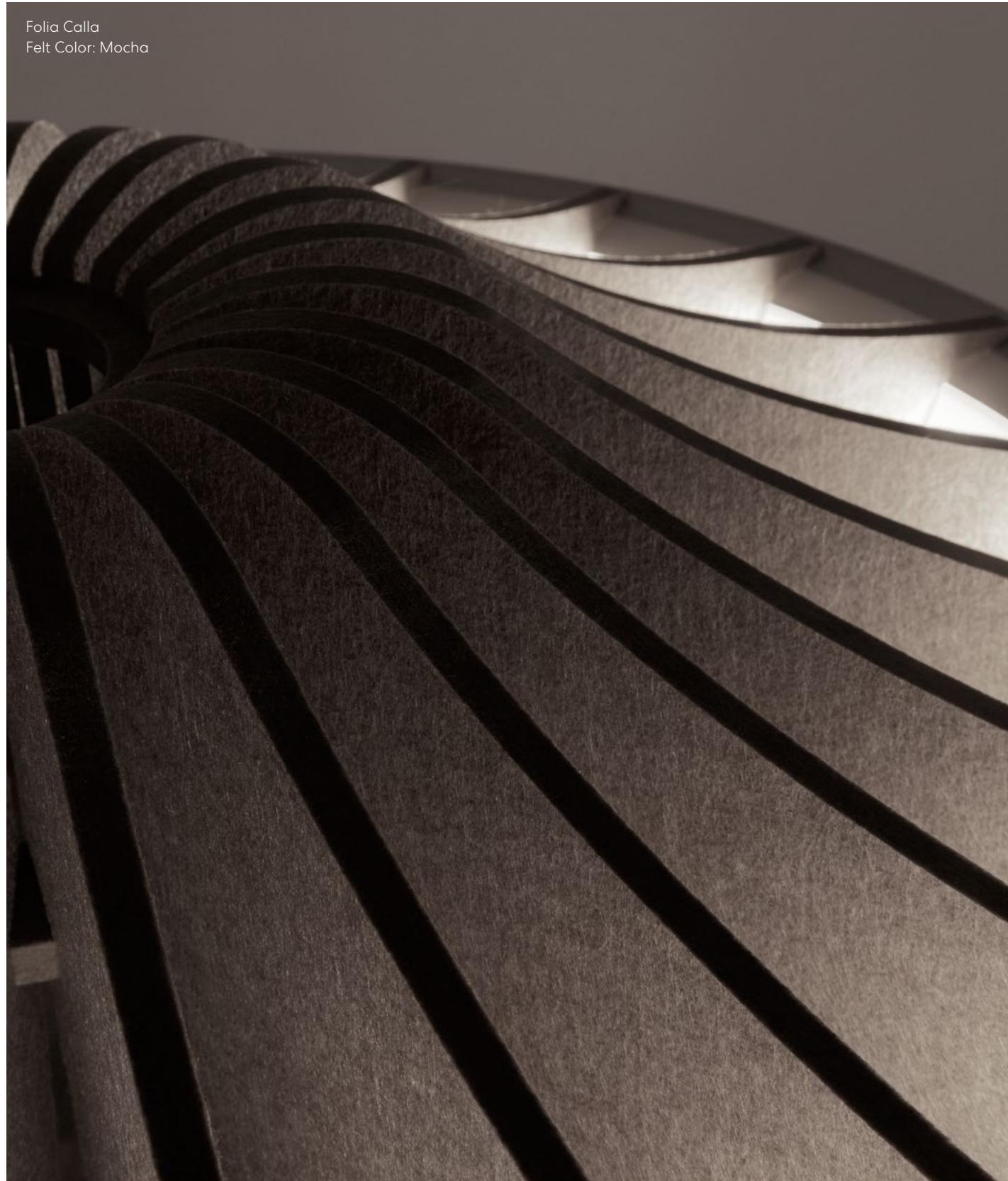


Quality illumination
and **reduced sound**
reverberation



Folia Calla and Folia Bellis
Diameter: 36"
Felt Color: Blush

Functional
and decorative



Folia Calla
Felt Color: Mocha

Overview

Folia

DISTRIBUTION	COLOR RENDERING OPTIONS	SIZES (DIAMETER)
Outward Outward/ Inward	90 CRI	24 in, 36 in, 48 in
COLOR TEMPERATURES	OPTICS	MOUNTING CABLE LENGTHS
<input checked="" type="radio"/> 2700K	 Sola	Uniform Lambertian Optic (ULO)
<input type="radio"/> 3000K	 Duo	24 in 36 in 48 in
<input type="radio"/> 3500K	 Quadro	
<input type="radio"/> 4000K		

Calculation Tool Guide

How do acoustics works?

Arq Flair Acoustix
Felt Combination:
Midnight Blue and Cloudy



Crafting the ideal solution

USEFUL GLOSSARY OF TERMS

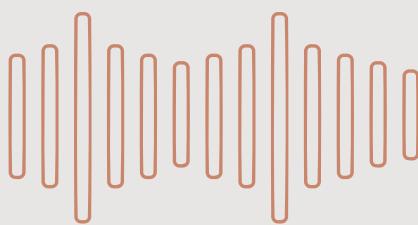
Sabin - a unit of sound absorption, equal to one square foot of a perfectly absorptive surface

Hertz - (abbreviated: Hz) is the standard unit of measurement used for measuring frequency. Since frequency is measured in cycles per second, one hertz equals one cycle per second. Hertz is commonly used to measure wave frequencies, such as sound waves, light waves, and radio waves.

NRC - The Noise Reduction Coefficient (NRC) is a scalar representation of the amount of sound energy absorbed after that energy strikes a particular surface. An NRC of zero indicates a perfect reflection of the sound energy, and an NRC of one indicates a perfect absorption of it.

While in the past, sound was absorbed with carpet, wall hangings and ceiling grids, today's minimalist spaces need an architecturally integrated solution.

CHALLENGE: SOUND



In unobstructed open space, sound travels at 1000 ft/second. In a 50" x 20" room, that sound might bounce off hard surfaces up to 60 times before dying out.

SOLUTION: REDIRECTING SOUND



By redirecting sound we can reduce the speed that sound travels. When sound hits a barrier and bounces, reverberation time, or echo, is reduced.

CHALLENGE: ECHO (REVERBERATION TIME)



"Reverberation" is delayed sound caused by prolonged refraction. Excess reverberation creates noise issues in the built environment, and can reduce the comprehension of speech.

SOLUTION: SOUND ABSORPTION

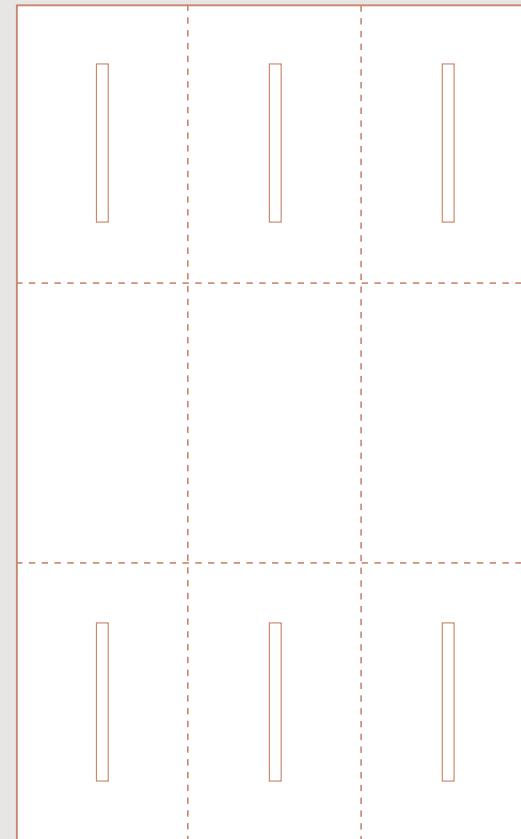


By using acoustic absorbing materials and sound trapping strategies such as the Helmholtz resonance principle, we can create areas to trap the sound. This can be done using wall coverings and carpets but given the desire for clean sleek minimal spaces it makes sense to deploy an acoustic system incorporating the lit environment of the space.

How to improve acoustics in a room?

😊 General lighting
😢 No acoustic

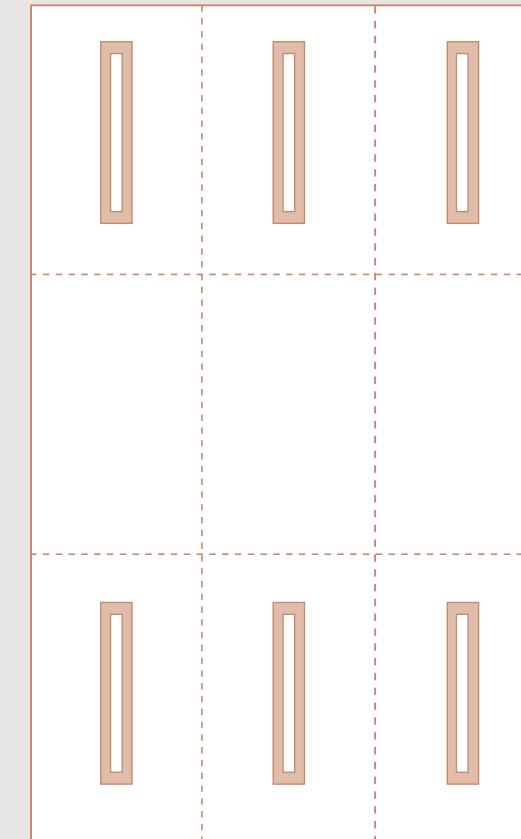
0% 1.3 s Reverberation time



Similar to lighting design, we approach acoustic design using the same principles. We want to create layers of sound absorption - one system offers an improvement but two or even three acoustic systems will show a decrease in reverberation time and reduction in unwanted noise. Humans can notice acoustic improvement of 0.2 seconds of reverberation time. We have incorporated this in our Good, Better and Best acoustic values calculations.

😊 General lighting
😢 GOOD Acoustic

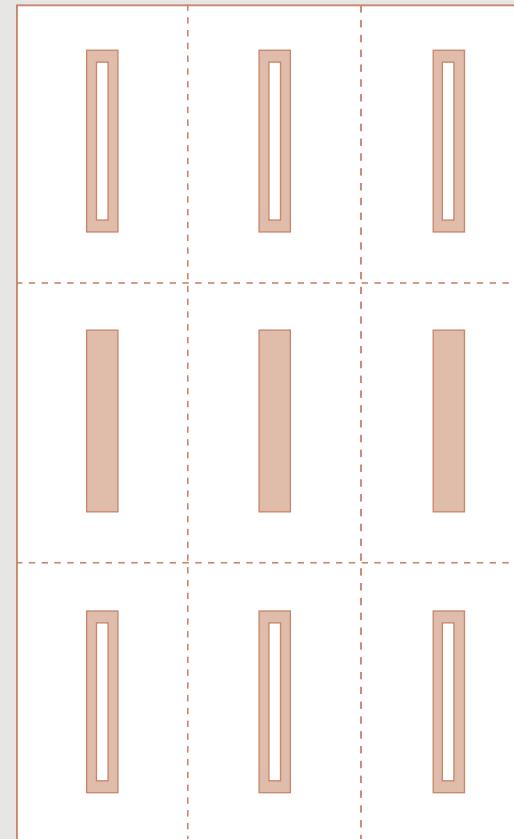
-25% 0.98 s Reverberation time



- 😊 Good: Reverberation time is reduced by 25%
- 😊 😊 Better: Reverberation time is reduced by 40%
- 😊 😊 😊 Best: Reverberation time is reduced by 50%

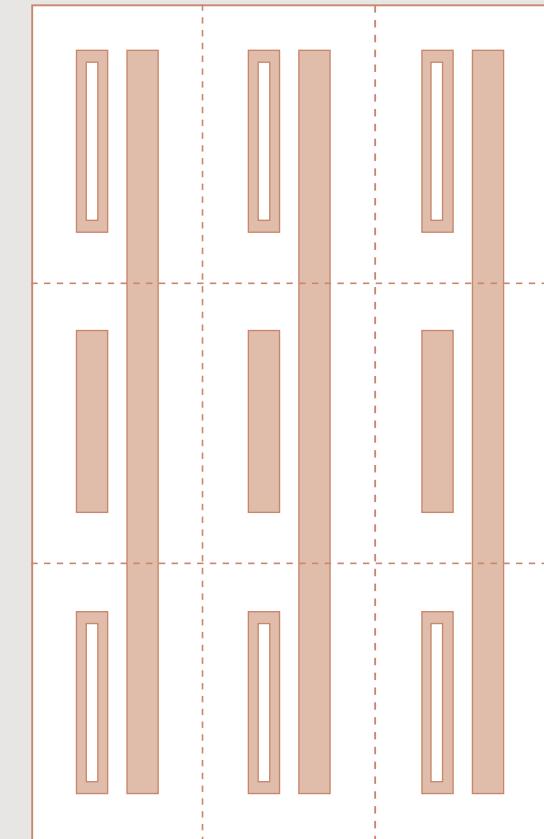
😊 General lighting
😢 😢 BETTER Acoustic

-40% 0.78 s Reverberation time



😊 General lighting
😢 😢 😢 BEST Acoustic

-50% 0.65 s Reverberation time



Easy acoustic calculations?

Developed in conjunction with acousticians, the Lumenwerx Acoustix Value Formula (LAVF) is a simple math equation that uses a ratio to determine acoustic needs. In the LAVF we took assumptions that one wall would be glass, three walls and the ceiling are gypsum board and the flooring is concrete. The basis of the equation mimics a poorly performing acoustic space. By applying the ratios, we can determine how many luminaires are required for "Good", "Better" or "Best" acoustic performance, using the standard ceiling height of 9 feet and 4 foot luminaires.

For advanced calculations please contact your regional sales manager. We have a team of trained experts that will be happy to assist you.

Good: Reverberation time is reduced by 25%

Better: Reverberation time is reduced by 40%

Best: Reverberation time is reduced by 50%

See next page for illustrated example

Lumenwerx Acoustix Value Formula.

1. Calculate the square feet of your room (length x width)
2. Select your luminaire
3. Choose the level of acoustic improvement you are looking for and select the associated Acoustix Value:
 Good Better Best
4. Use the Lumenwerx Acoustix Value Formula

$$\text{Square Feet} \div \text{Value} = \text{Number of luminaires needed in the room}$$

* Lumenwerx acoustic calculators were developed to act as a guide. For precise acoustic performance in a space, please consult an acoustician.

Using the formula

AUDIA (16IN X48IN)	GOOD ☺	BETTER ☺ ☺	BEST ☺ ☺ ☺
Acoustix value	51	25	17

In the above photo we are showing 3 lit and 3 blank Audia Luminaires

*The complete Acoustix offering value table can be found at the end of the brochure, see page 86.



Lumenwerx Acoustix Value Formula.

1. Calculate the square feet of your room:
(L:10ft x W:15ft) 150 sq ft
2. Select your luminaire: Audia (16in x 48in)
3. Choose the level of acoustic improvement you are looking for and select the associated Acoustix Value:
☺ ☺ Better : 25
4. Use the Lumenwerx Acoustix Value Formula

$$150 \div 25 = 6 \text{ fixtures}$$

(sq ft) (Acoustix value) (3 luminaires + 3 blanks)

The Acoustix Value Formula is a simple calculator used to establish the recommended number of acoustic luminaires required in a space. For more complex spaces, or specific materials please contact your regional sales manager. We have a team of trained experts that will be happy to assist you with your calculations.

* Lumenwerx acoustic calculators were developed to act as a guide. For precise acoustic performance in a space, please consult an acoustician.

Lumenwerx Acoustix Value Tables

Room dimensions under 300 sq/ft

PRODUCT		GOOD ☺	BETTER ☺ ☺	BEST ☺ ☺ ☺
Arro 4 Acoustix	Direct	48"	22	10
	Direct/Indirect	48"	20	10
	Direct	6'	32	15
	Direct/Indirect	6'	30	14
	Direct	8'	43	20
	Direct/Indirect	8'	40	19
	Direct	10'	53	25
	Direct/Indirect	10'	50	24
	Direct	12'	64	30
	Direct/Indirect	12'	60	28
Audia	Height: 12"	48"	38	19
	Height: 16"	48"	51	25
	Direct	22"	30	15
Cluster Acoustix	Circle	22"	38	19
	Square	22"	15	10
	Direct	22"	13	10
Curvia Acoustix	Height: 8"	48"	19	9
	Height: 12"	48"	29	14
	Height: 16"	48"	38	19
Mikro Wafer	20"x24"	38	19	13
	20"x36"	55	29	19
	20"x48"	78	40	25
Pop Recessed Acoustix	Flush	1x1	3	2
	Drop 1"	1x1	4	2
	Drop 2"	1x1	6	3
	Flush	1x2	7	3
	Flush	2x2	14	7
	Drop 1"	2x2	16	7
	Drop 2"	2x2	18	9
	Drop 3"	2x2	20	10
	Drop 4"	2x2	23	11
	Flush	4x4	28	13
	Drop 1"	4x4	32	15
	Drop 1"	4x4	10	9

Using the Lumenwerx Acoustix Value Calculator table; you can determine the number of acoustic lit and blank luminaires, required in a space by fixture type. We have three levels of recommended sound reduction good, better and best. Choosing one of these option will reduce the sound accordingly: the best option indicates the best acoustic improvement. The ratios are based on a standard ceiling height of 9 feet.

PRODUCT	GOOD ☺	BETTER ☺ ☺	BEST ☺ ☺ ☺
Rim Verso Acoustix	24" Ø		18
	36" Ø		42
	48" Ø		75
Squero Acoustix	Height: 8"	48"	19
	Height: 12"	48"	29
	Height: 16"	48"	38
Squero Acoustix Spoke V60, V90, V120	Height: 8"	24"	19
	Height: 12"	24"	29
	Height: 16"	24"	38
Squero, Via 1.5 & 2 Acoustix Spoke Y-Shaped	Height: 8"	36"	29
	Height: 12"	36"	44
	Height: 16"	36"	57
Squero, Via 1.5 & 2 Acoustix Spoke X-Shaped	Height: 8"	24"	21
	Height: 12"	24"	44
	Height: 16"	24"	57
Squero Hubs Acoustix	Height: 8"	36"	29
	Height: 12"	36"	43
	Height: 16"	36"	57
	Height: 8"	24"	29
	Height: 12"	24"	44
	Height: 16"	24"	57
	Height: 8"	36"	20
	Height: 12"	36"	43
	Height: 16"	36"	57
	Height: 8"	24"	38
	Height: 12"	24"	58
	Height: 16"	24"	76
	Height: 8"	36"	38
	Height: 12"	36"	53
	Height: 16"	36"	76
	Height: 8"	24"	43
	Height: 12"	24"	57
	Height: 16"	24"	86
	Height: 8"	36"	27
	Height: 12"	36"	53
	Height: 16"	36"	86
	Height: 8"	24"	18
	Height: 12"	24"	38
	Height: 16"	24"	76
	Height: 8"	36"	12
	Height: 12"	36"	58
	Height: 16"	36"	86
	Height: 8"	24"	28
	Height: 12"	24"	53
	Height: 16"	24"	86
	Height: 8"	36"	14
	Height: 12"	36"	57
	Height: 16"	36"	86
	Height: 8"	24"	20
	Height: 12"	24"	53
	Height: 16"	24"	86
	Height: 8"	36"	14
	Height: 12"	36"	57
	Height: 16"	36"	86
	Height: 8"	24"	20
	Height: 12"	24"	53
	Height: 16"	24"	86
	Height: 8"	36"	14
	Height: 12"	36"	57
	Height: 16"	36"	86
	Height: 8"	24"	20
	Height: 12"	24"	53
	Height: 16"	24"	86
	Height: 8"	36"	14
	Height: 12"	36"	57
	Height: 16"	36"	86
	Height: 8"	24"	20
	Height: 12"	24"	53
	Height: 16"	24"	86
	Height: 8"	36"	14
	Height: 12"	36"	57
	Height: 16"	36"	86
	Height: 8"	24"	20
	Height: 12"	24"	53
	Height: 16"	24"	86
	Height: 8"	36"	14
	Height: 12"	36"	57
	Height: 16"	36"	86
	Height: 8"	24"	20
	Height: 12"	24"	53
	Height: 16"	24"	86
	Height: 8"	36"	14
	Height: 12"	36"	57
	Height: 16"	36"	86
	Height: 8"	24"	20
	Height: 12"	24"	53
	Height: 16"	24"	86
	Height: 8"	36"	14
	Height: 12"	36"	57
	Height: 16"	36"	86
	Height: 8"	24"	20
	Height: 12"	24"	53
	Height: 16"	24"	86
	Height: 8"	36"	14
	Height: 12"	36"	57
	Height: 16"	36"	86
	Height: 8"	24"	20
	Height: 12"	24"	53
	Height: 16"	24"	86
	Height: 8"	36"	14
	Height: 12"	36"	57
	Height: 16"	36"	86
	Height: 8"	24"	20
	Height: 12"	24"	53
	Height: 16"	24"	86
	Height: 8"	36"	14
	Height: 12"	36"	57
	Height: 16"	36"	86
	Height: 8"	24"	20
	Height: 12"	24"	53
	Height: 16"	24"	86
	Height: 8"	36"	14
	Height: 12"	36"	57
	Height: 16"	36"	86
	Height: 8"	24"	20
	Height: 12"	24"	53
	Height: 16"	24"	86
	Height: 8"	36"	14
	Height: 12"	36"	57
	Height: 16"	36"	86
	Height: 8"	24"	20
	Height: 12"	24"	53
	Height: 16"	24"	86
	Height: 8"	36"	14
	Height: 12"	36"	57
	Height: 16"	36"	86
	Height: 8"	24"	20
	Height: 12"	24"	53
	Height: 16"	24"	86
	Height: 8"	36"	14
	Height: 12"	36"	57
	Height: 16"	36"	86
	Height: 8"	24"	20
	Height: 12"	24"	53
	Height: 16"	24"	86
	Height: 8"	36"	14
	Height: 12"	36"	57
	Height: 16"	36"	86

Lumenwerx Acoustix Value Tables

Room dimensions under 300 sq/ft

PRODUCT		GOOD ☺	BETTER ☺ ☺	BEST ☺ ☺ ☺
Squero Hubs Acoustix	Rectangle	4"x8"	4	2
	Triangle	2'	67	32
	Triangle	3'	30	14
	Triangle	4'	17	8
	Hexagon	2'	11	5
Togo Acoustix	24" Ø		18	9
	36" Ø		42	20
	48" Ø		75	38
Via 1.5 & 2 Acoustix	Height: 8"	48"	19	9
	Height: 12"	48"	29	14
	Height: 16"	48"	38	19
Via Stil	Height: 12"	48"	19	9
	Height: 16"	48"	29	14
	Height: 20"	48"	38	19

Using the Lumenwerx Acoustix Value Calculator table; you can determine the number of acoustic lit and blank luminaires, required in a space by fixture type. We have three levels of recommended sound reduction good, better and best. Choosing one of these option will reduce the sound accordingly: the best option indicates the best acoustic improvement. The ratios are based on a standard ceiling height of 9 feet.



Lumenwerx Acoustix Value Tables

Room dimensions over 300 sq/ft

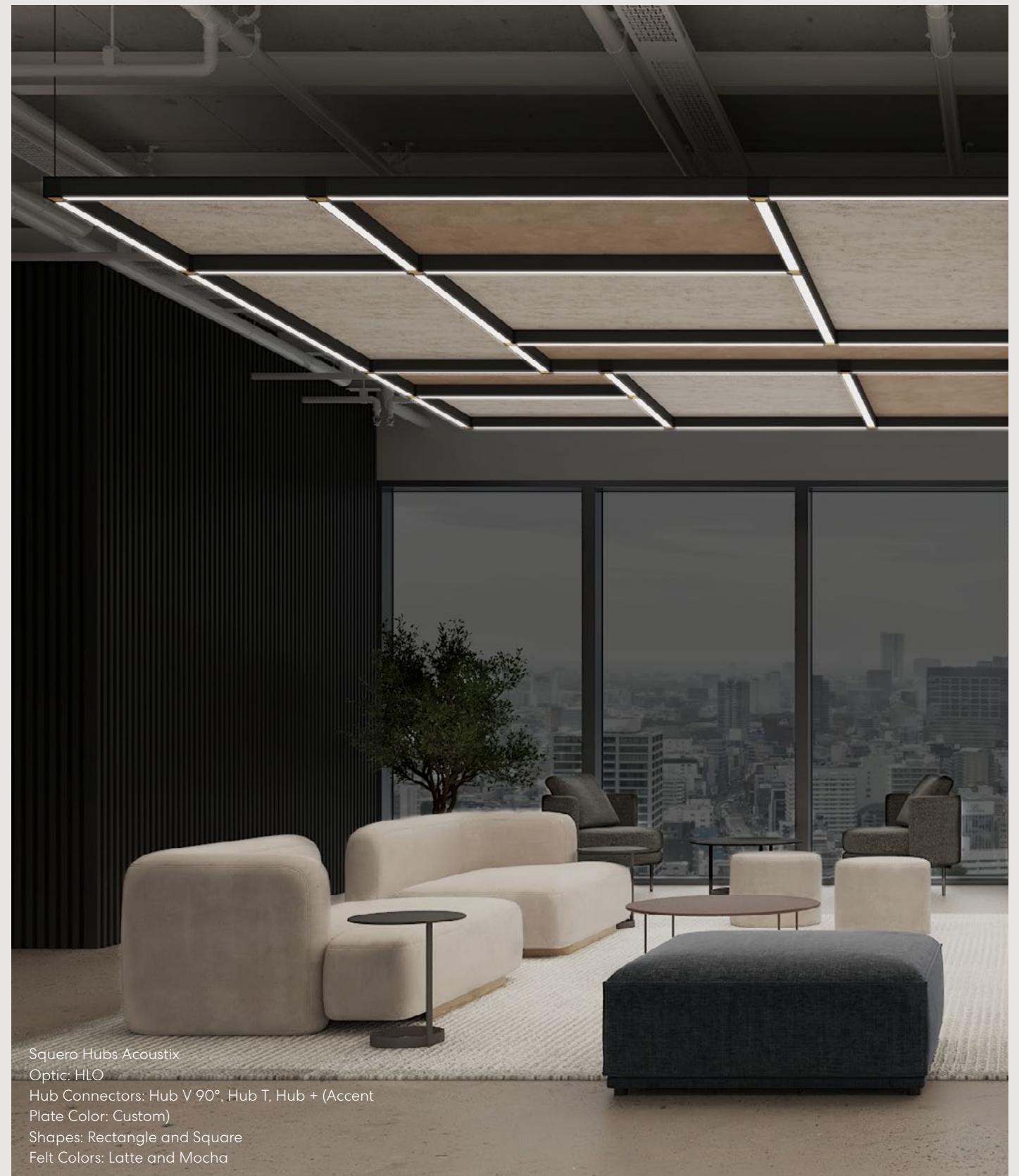
PRODUCT		GOOD ☺	BETTER ☺ ☺	BEST ☺ ☺ ☺
Arro 4 Acoustix	Direct	48"	33	17
	Direct/Indirect	48"	31	16
	Direct	6'	49	26
	Direct/Indirect	6'	46	24
	Direct	8'	66	34
	Direct/Indirect	8'	62	32
	Direct	10'	81	42
	Direct/Indirect	10'	76	39
	Direct	12'	98	51
	Direct/Indirect	12'	91	47
Audia		12"x48"	60	29
		16"x48"	84	39
Cluster Acoustix	Circle	22"	48	24
	Square	22"	61	30
Curvia Acoustix	Height: 8"	48"	29	15
	Height: 12"	48"	45	22
	Height: 16"	48"	58	29
Mikro Wafer		20"x24"	61	30
		20"x36"	92	45
		20"x48"	128	60
Pop Recessed Acoustix	Flush	1x1	5	3
	Drop 1"	1x1	7	3
	Drop 2"	1x1	8	4
	Flush	1x2	11	5
	Flush	2x2	21	11
	Drop 1"	2x2	24	12
	Drop 2"	2x2	28	14
	Drop 3"	2x2	31	16
	Drop 4"	2x2	35	18
	Flush	4x4	43	22
	Drop 1"	4x4	48	25
				17

PRODUCT	GOOD ☺	BETTER ☺ ☺	BEST ☺ ☺ ☺
Rim Verso Acoustix	24" Ø		28
	36" Ø		65
	48" Ø		120
Squero Acoustix	Height: 8"	48"	29
	Height: 12"	48"	45
	Height: 16"	48"	58
Squero Acoustix Spoke V60, V90, V120	Height: 8"	24"	29
	Height: 12"	24"	45
	Height: 16"	24"	58
Squero, Via 1.5 & 2 Acoustix Spoke Y-Shaped	Height: 8"	36"	44
	Height: 12"	36"	68
	Height: 16"	36"	87
Squero, Via 1.5 & 2 Acoustix Spoke X-Shaped	Height: 8"	24"	44
	Height: 12"	24"	68
	Height: 16"	24"	87
Squero Hubs Acoustix	Height: 8"	36"	58
	Height: 12"	36"	116
	Height: 16"	36"	131
Square	2"x2"	45	22
	2"x2"	20	10
	2"x2"	11	6
Rectangle	2"x3"	30	15
	2"x4"	23	11
	2"x5"	18	9
3"x4"	2"x6"	15	7
	2"x7"	13	6
	2"x8"	11	6
3"x5"	3"x4"	15	7
	3"x5"	12	6
	3"x6"	10	5
3"x7"	3"x6"	9	4
	3"x7"	8	4
	3"x8"	9	4
4"x5"	4"x5"	9	4
	4"x6"	8	4
	4"x7"	6	3

Lumenwerx Acoustix Value Tables

Room dimensions over 300 sq/ft

PRODUCT		GOOD ☺	BETTER ☺ ☺	BEST ☺ ☺ ☺
Squero Hubs Acoustix	Rectangle	4"x8"	6	3
	Triangle	2'	104	51
	Triangle	3'	46	23
	Triangle	4'	26	13
	Hexagon	2'	17	8
Togo Acoustix	24" Ø		28	14
	36" Ø		65	32
	48" Ø		120	59
Via 1.5 & 2 Acoustix	Height: 8"	48"	29	15
	Height: 12"	48"	45	22
	Height: 16"	48"	58	29
Via Stil	Height: 12"	48"	29	15
	Height: 16"	48"	45	22
	Height: 20"	48"	58	29





ACOUSTIX COLLECTION
ONLINE



ECHOCORE™ COLLECTION
BROCHURE



ALWAYS LIGHT
RIGHT

lumenwerx.com
R.01.2026