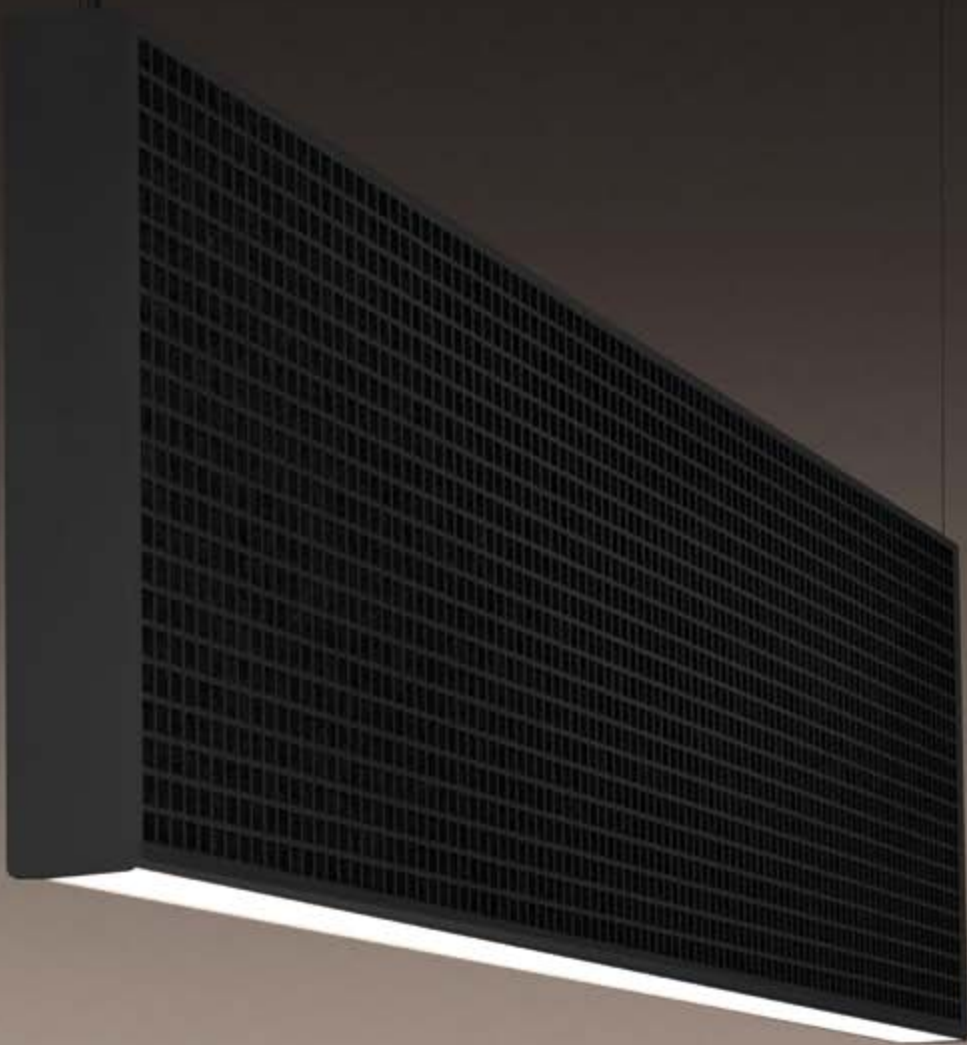


acoustix

Innovation in
acoustic lighting



reddot winner 2020

Patent pending EchoCore™ technology

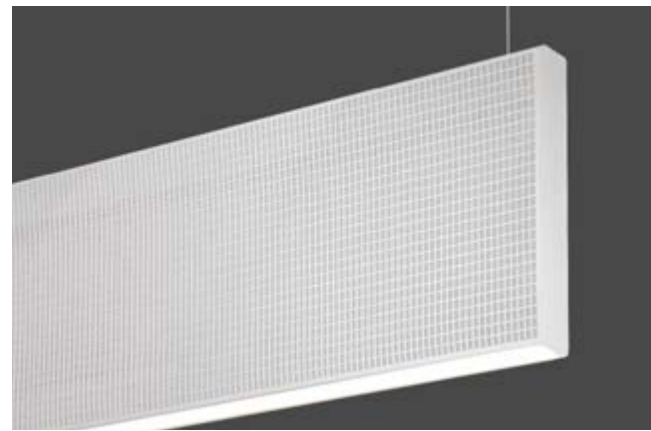
LUMENWERX

Introducing Acoustix

Thanks to open concept architecture and multi-use design, today's indoor spaces are much noisier than those of previous generations. To cut down on rising levels of clamour, Lumenwerx proudly introduces the ACOUSTIX family, luminaires with integrated sound absorbing technology.

Uncompromised illumination with excellent sound absorption

- Two sound absorption technologies
- Easy to use acoustic performance calculator
- White, Tunable White, RGB+W and Biologically optimized spectrum with Bios LED
- Multiple Control Solutions



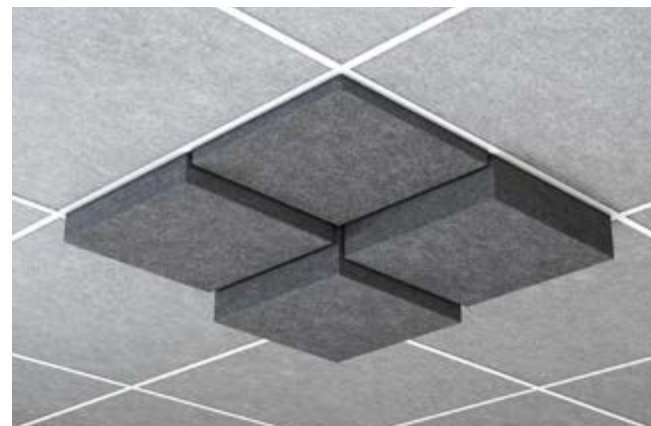
AUDIA

P.12



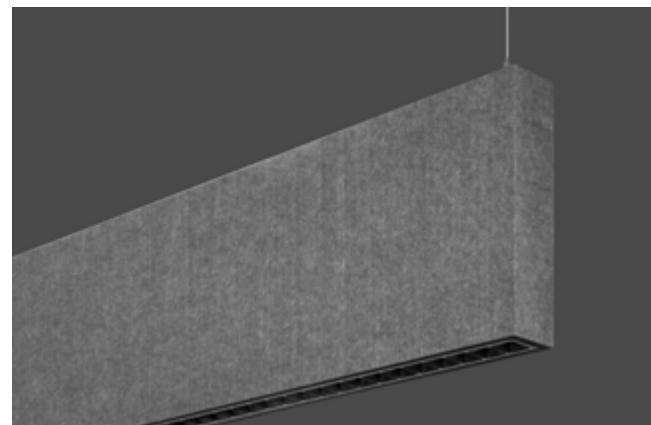
ARRO 4 ACOUSTIX

P.22



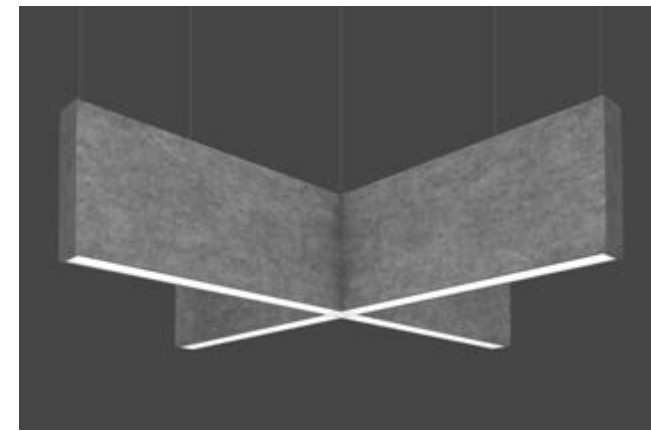
POP RECESSED ACOUSTIX

P.28



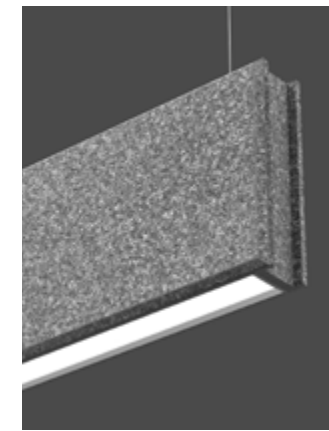
SQUERO ACOUSTIX

P.34

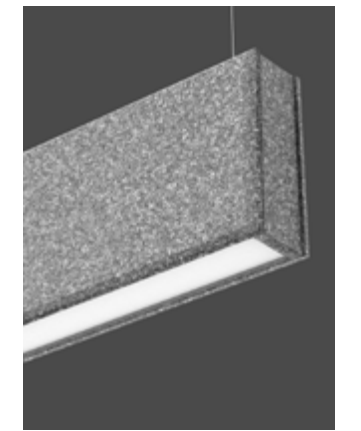


SQUERO SPOKE ACOUSTIX

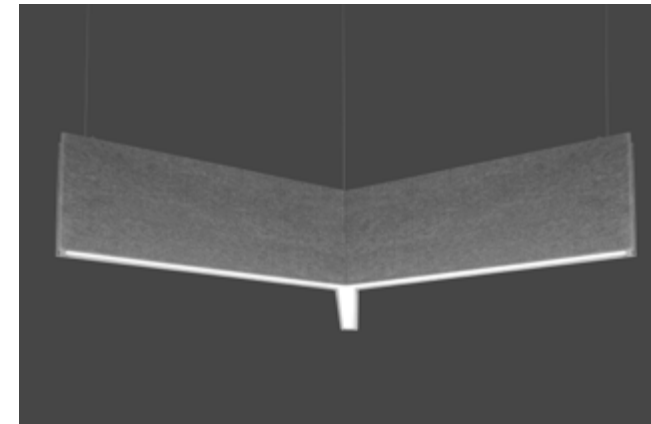
P.34



VIA 1.5 ACOUSTIX

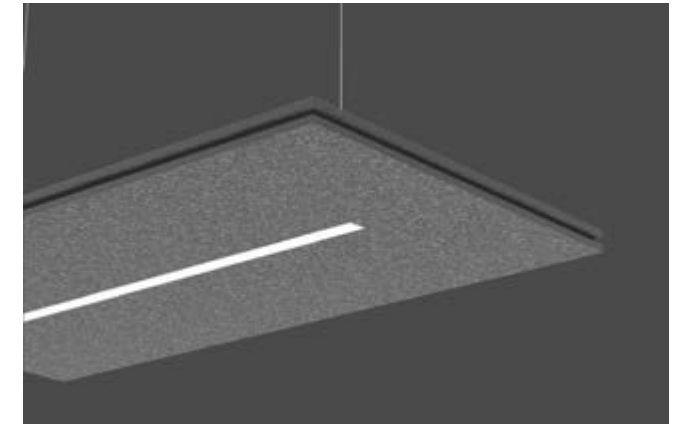


VIA 2 ACOUSTIX P.40



VIA 1.5-2 SPOKE ACOUSTIX

P.40



MIKRO WAFER

P.46



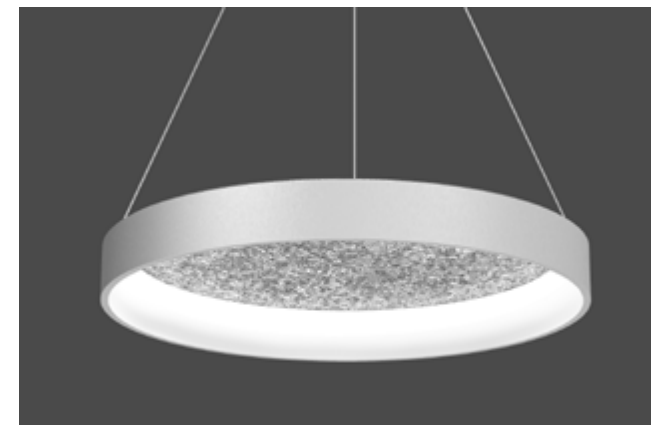
CLUSTER ACOUSTIX

P.52



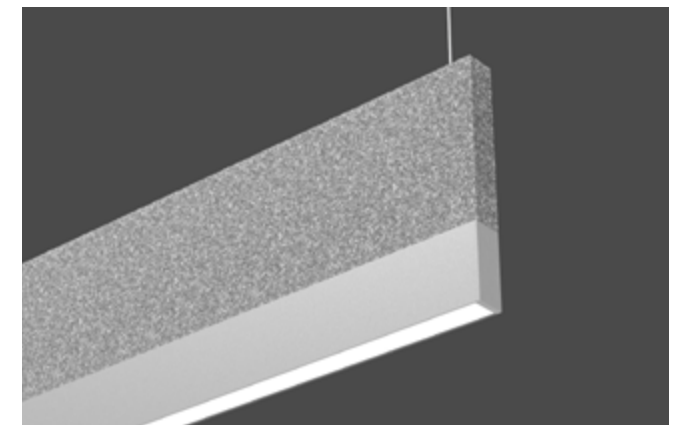
RIM VERSO ACOUSTIX

P.58



TOGO ACOUSTIX

P.64



VIA STIL

P.70



Via Acoustic Y spokes add visual interest and a playful touch while dampening noise reverberation.

Acoustic challenges

Wide open spaces and spare lines are the defining elements of many architecturally advanced environments. Features like polished concrete floors, vaulted ceilings and open ductwork all contribute to spaces that are aesthetically inviting, but come with a critical unintended consequence – 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 acoustical comfort of a space. Hard surfaces are usually clean but they tend to act poorly when it comes to sound absorption.

Visual language of the open office.



Increase use of Glass



Open Office Concept



Unfinished Ceilings

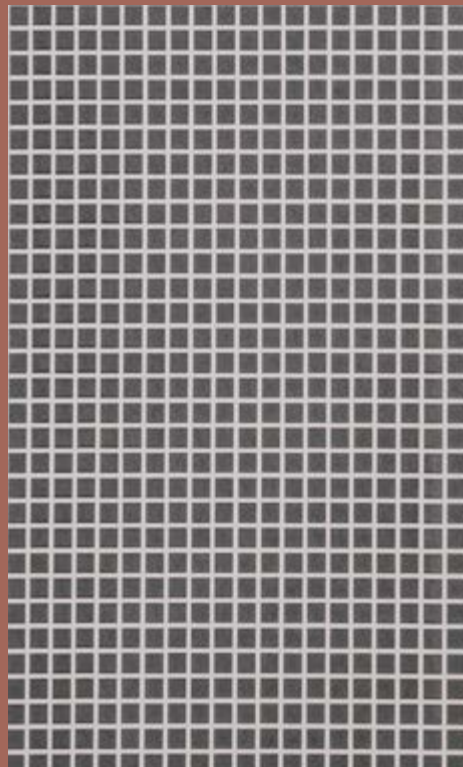


Hard Reflecting Surfaces

Our acoustic solutions

The ACOUSTIX lineup uses one of two sound dampening technologies, Acoustic Felt (polyester), and EchoCore™, a technology based on Helmholtz Resonance principals.

Two Solutions



1—EchoCore™ Technology



2—Acoustical Felt

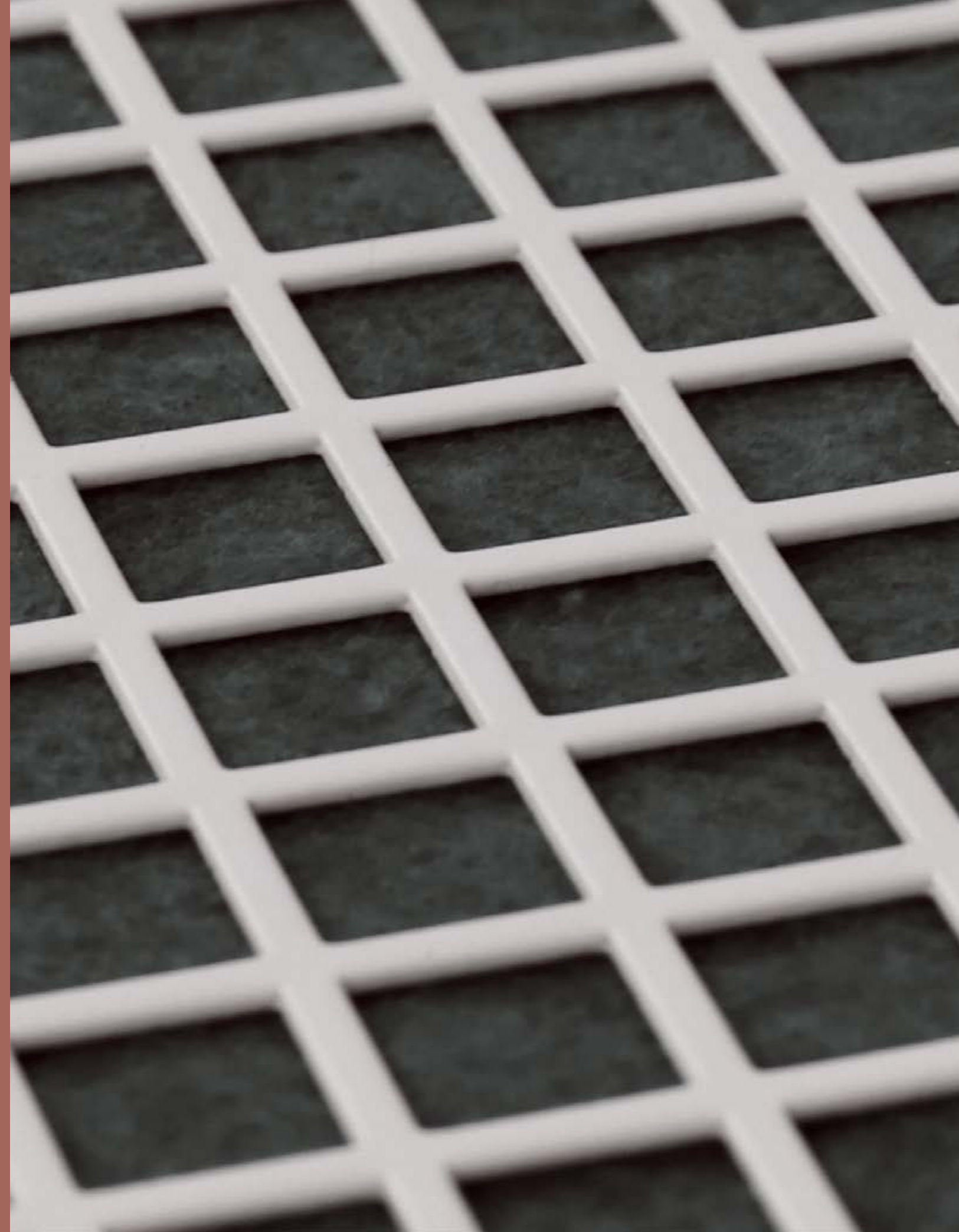


EchoCore™ technology

Lumenwerx EchoCore™ technology

This patent pending technology uses a die-cut aluminum wrap and multiple layers of sound-absorbing material to trap acoustic waves. Sound travels through the aluminum exterior into a sound absorbing core, resulting in a 30% increase in sound reduction compared to competing luminaires.

Related product:
Audia





Audia

30%
acoustic
improvement
with
EchoCore™
technology

A breakthrough in acoustic lighting

Our flagship offering, Audia uses the science of Helmholtz resonance principles to pass acoustic waves through aluminum lattice, it is then trapped by our proprietary sound-absorbing material called EchoCore™ technology. With its slim core, narrow body and multiple color options, Audia was designed from the ground up with sound and light excellence in mind.

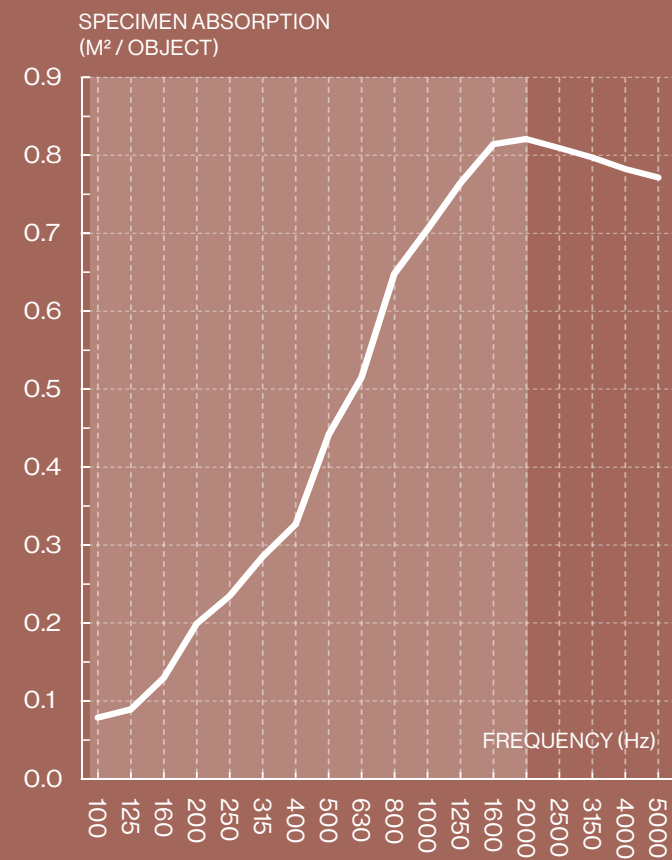


reddot winner 2020

1. 30% improvement in sound reduction over traditional acoustic luminaires
2. One of the slimmest acoustic profiles on the market (1.77 in)
3. Stylish, easy-to-clean die-cut aluminum
4. No compromise on illumination and performance

Audia technology & design

Audia comes with a thin and sleek profile at 1.77" in width, it's one of the slimmest acoustic luminaire profiles on the market with maximum sound absorption. The sound absorption technology used in EchoCore™ (patent pending) is based on the Helmholtz principal of sound. We have specifically sized lattice openings which allow sound to pass through but not escape. Once the sound has passed through the lattice, it is then trapped by a proprietary amount of eco-conscious sound confining material that is strategically layered.

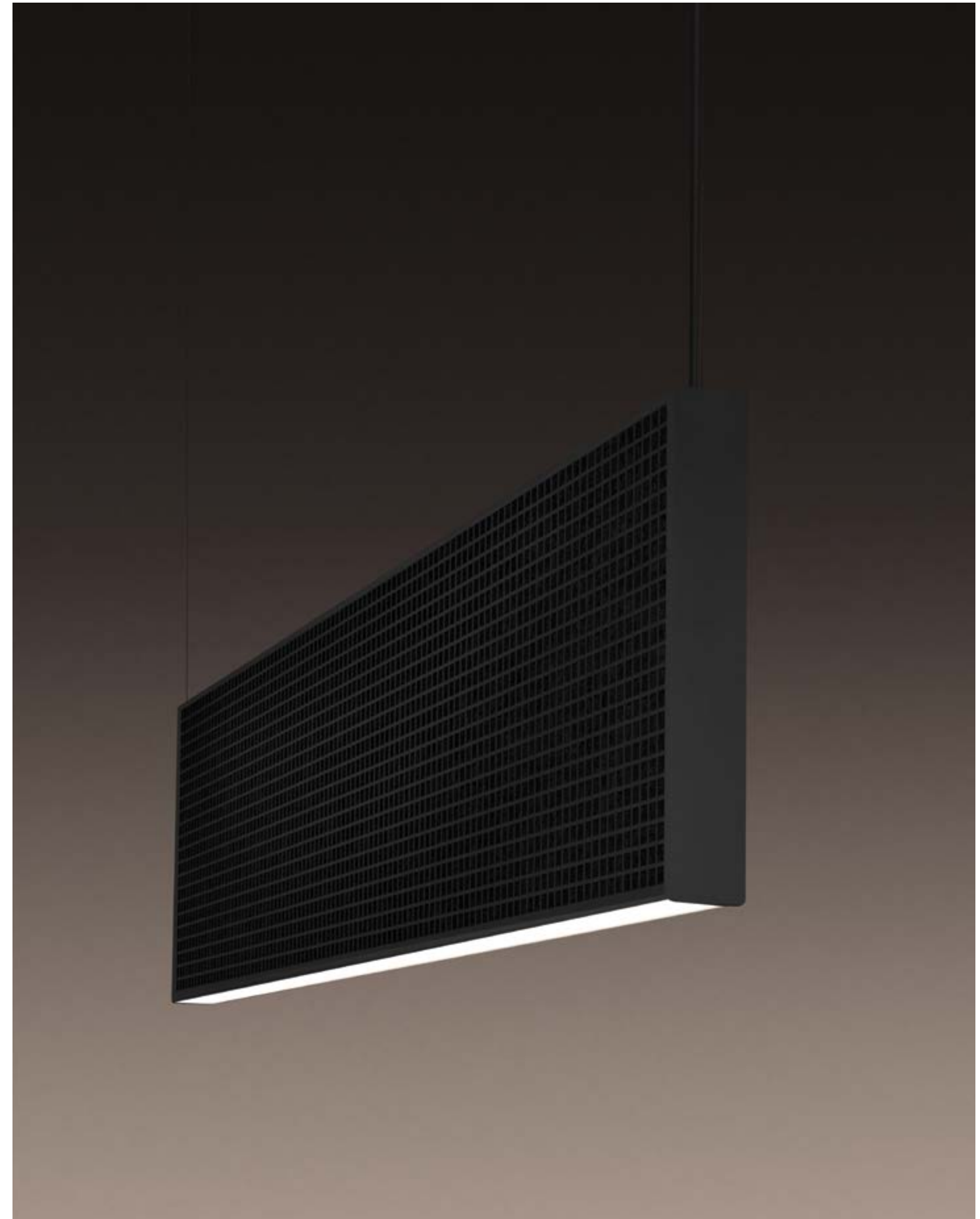


Sound Absorption Results – Lumenwerx Audia rows of 7 units spaced 28" o.c, bottom edge of unit 39.125" from the floor.

As demonstrated by the graph above Audia performs well at many frequencies. On average it out performs traditional acoustic felt luminaires by thirty percent.

■ Human hearing frequencies range: 20Hz-2000Hz

Option (Blank with acoustic only)



Audia half perforation
Fixture finish: Black | Interior color: True Black | Pattern: Square

Versatility

Distribution

Direct
Indirect
Direct/Indirect

Color rendering option

80+
90+ (R9>50)

Size (height)

12 in
16 in

Color temperature



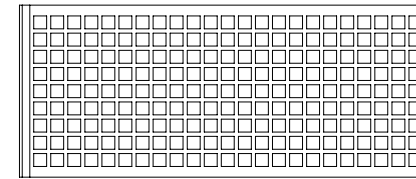
Optic direct

High-Efficiency Lambertian Optic

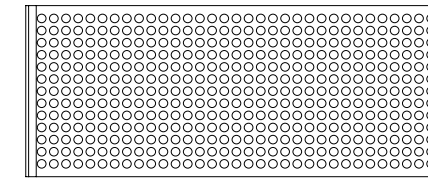
Optic indirect

Widespread Indirect Optic
Clear Lambertian Optic

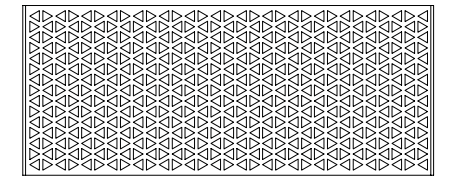
Fixture pattern



Square



Round

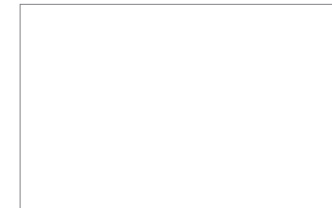


Custom

Finish



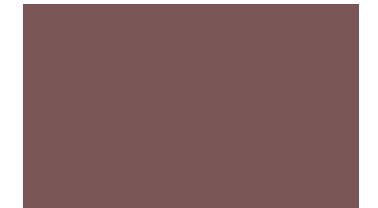
Matte black



Matte white



Silver



Custom

Interior colors



Frost white



True black



Cloudy



Fog



Iceberg



Blueberry



Sky



Midnight blue



Ivory



Sand



Latte



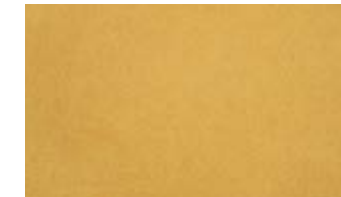
Taupe



Café



Mocha



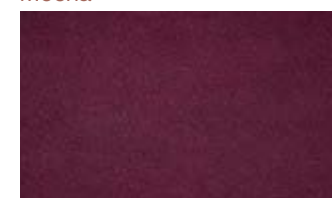
Lemon



Orange



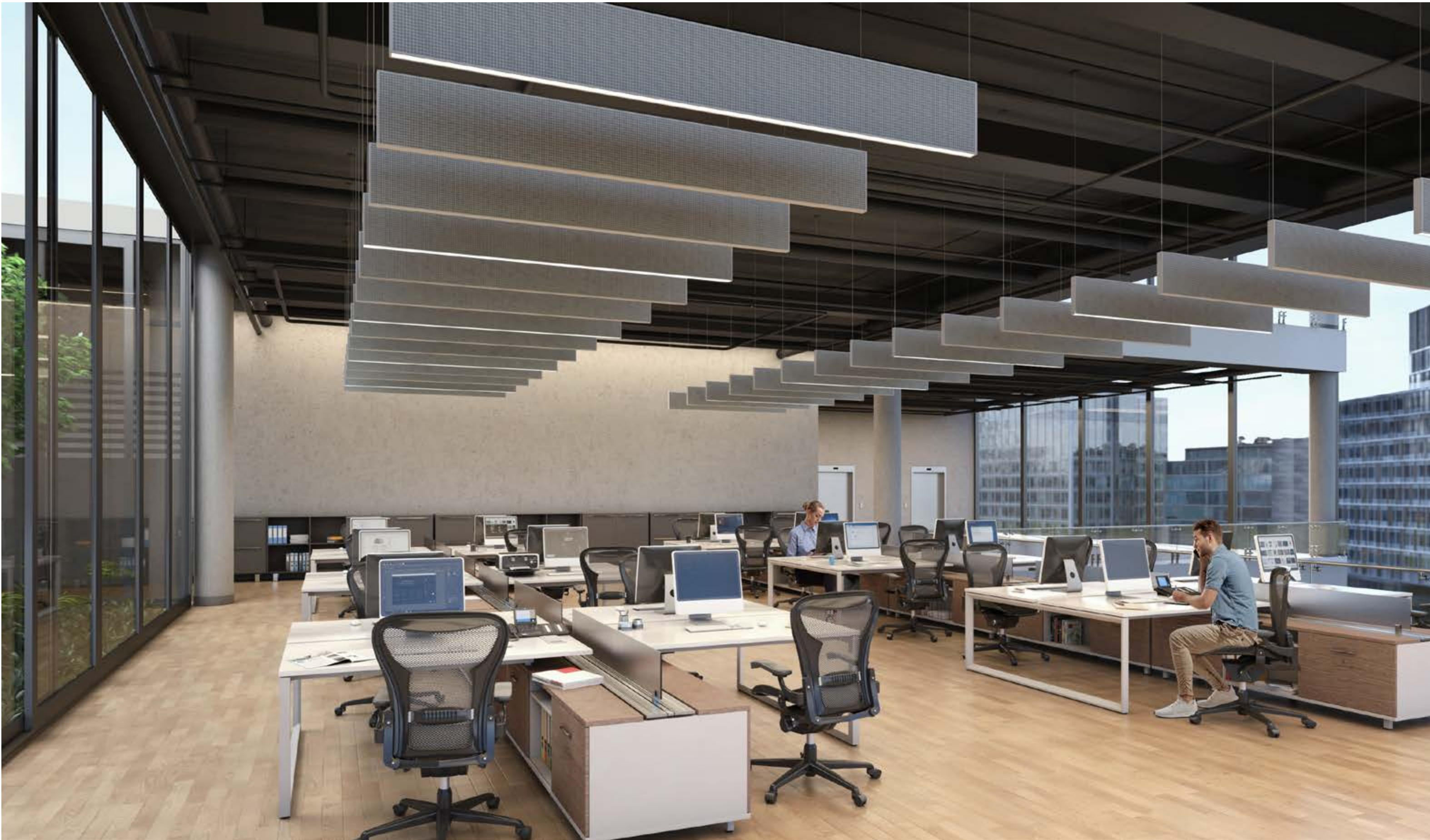
Cherry



Plum



Lime



Audia
Fixture finish: Silver
Interior color: Iceberg

Acoustical Felt

Acoustical Felt

Created from recycled PET polyester (polyethylene terephthalate), acoustic felt is a sound-absorbing panel made from PET resin. Panels feature an unwoven facing comprised of air pockets to trap sound.

- Flame retardant
- Breathable
- Mold resistant
- Zero VOC emissions
- 60% recycled material

Related products:

Squero Acoustix, Mikro Wafer, Cluster Acoustix, Via 1.5 Acoustix, Via 2 Acoustix, Via Stil, Togo Acoustix, Rim Verso Acoustix.



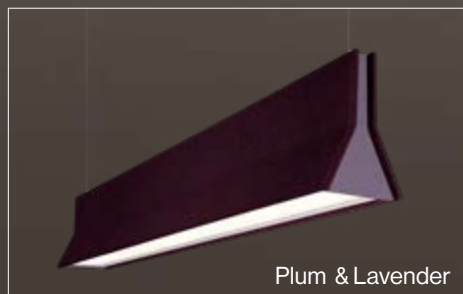
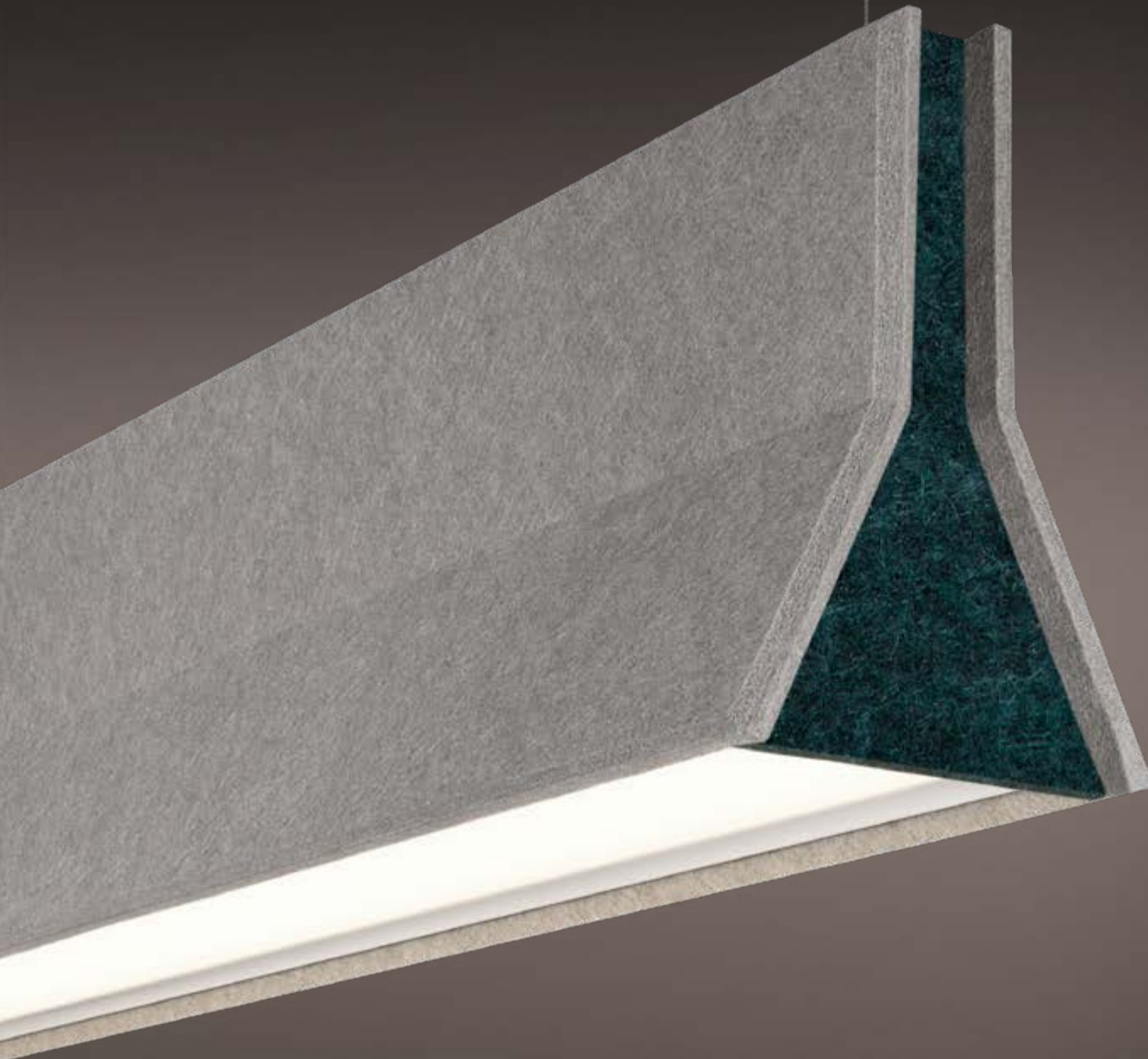
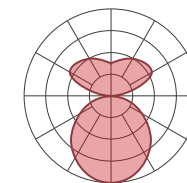
Arro 4 Acoustix

Optics & Performance

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.

1. Up to 1850 lm/ft
2. Up to 119 lm/w
3. Up to 95+ CRI
4. Direct or Direct/Indirect
5. Declare Label on Arro 4 Acoustix

Distribution



Plum & Lavender



Cherry & Cloudy



Arro 4 Acoustix

Distribution

Direct
Direct/Indirect

Color rendering option

80+
90+
95+

Length

4 ft
6 ft
8 ft
10 ft
12 ft

Color temperature



2700K

3000K

3500K

4000K

Optic direct

High Efficiency Lambertian Optic

Optic indirect

Widespread Indirect Optic



SOLA



DUO



Full
Spectrum
LED



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

Pop Recessed Acoustix

Pop Recessed Acoustix is an unlit acoustical 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.



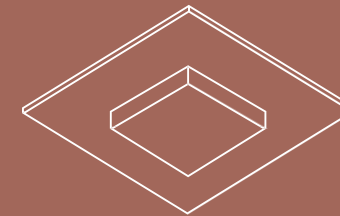
- Visually Interesting
- Endless design possibilities
- 4 heights
- 3 patterns

Pop Recessed Acoustix

Pattern

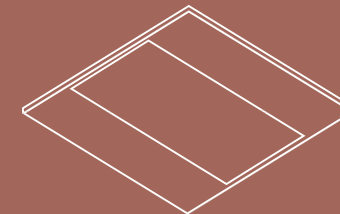
1x1

Only available in 1' and 2' drop



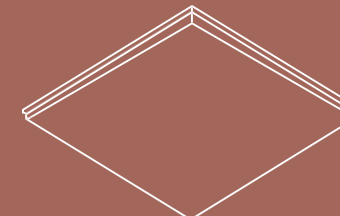
1x2

Only available in Flush



2x2

Available in all height



Mounting

Tegular $\frac{9}{16}$ "

Tegular $\frac{15}{16}$ "

T-bar $\frac{9}{16}$ "

T-bar $\frac{15}{16}$ "

Screw Slot T-bar

Height

FH

1 inch

2 inch

3 inch

4 inch

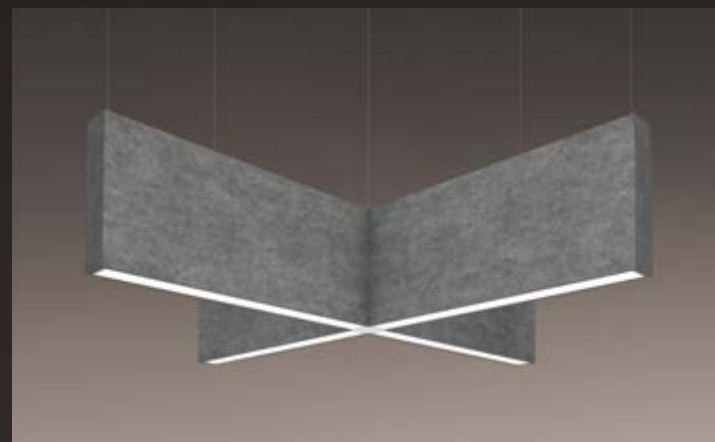


Mix it up with **Pop Box recessed Acoustix**, **Pop Regressed** and **Arro 4 Acoustix** to add new dimension to a space!

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.

Squero Acoustix fixtures are also available in pre-assembled V, 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.



1. Multiple optic options: mini reflector, parabolic louver, diffusion lens
2. Flush lens to highlight the detail of the optic
3. <10 UGR (Unified Glare Rating)
4. Up to 116 lm/W illumination
5. Contemporary square-cut acoustical felt

Squero Acoustix



Miniature Reflector Optics



Specular Parabolic Louver



Matte Parabolic Louver



High-efficiency Lambertian Optic



Adjustable Accent Module



Integrated Track

Distribution

Direct
Direc/Indirect
Indirect

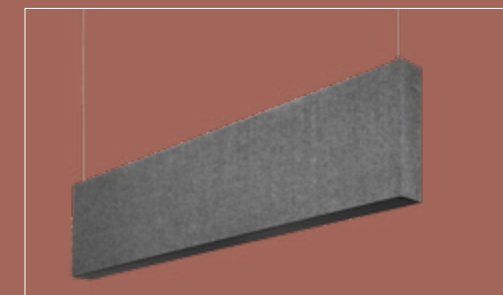
Direct Optic

18 degree 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

Color Temperature

2700K
3000K
3500K
4000K
SOLA
DUO
QUADRO
BIOS

Option (Blank with acoustic only)



CRI

80+ CRI
90+ CRI (R9>50)

Indirect Optic

Widespread Indirect Optics
Clear Lambertian Optic

Luminaire Height

8 Inches
12 Inches
16 Inches

Shapes



V-Spoke



X-Spoke



Y-Spoke



Squero Acoustix
Felt color: Iron
Optic: Matte parabolic louver in silver

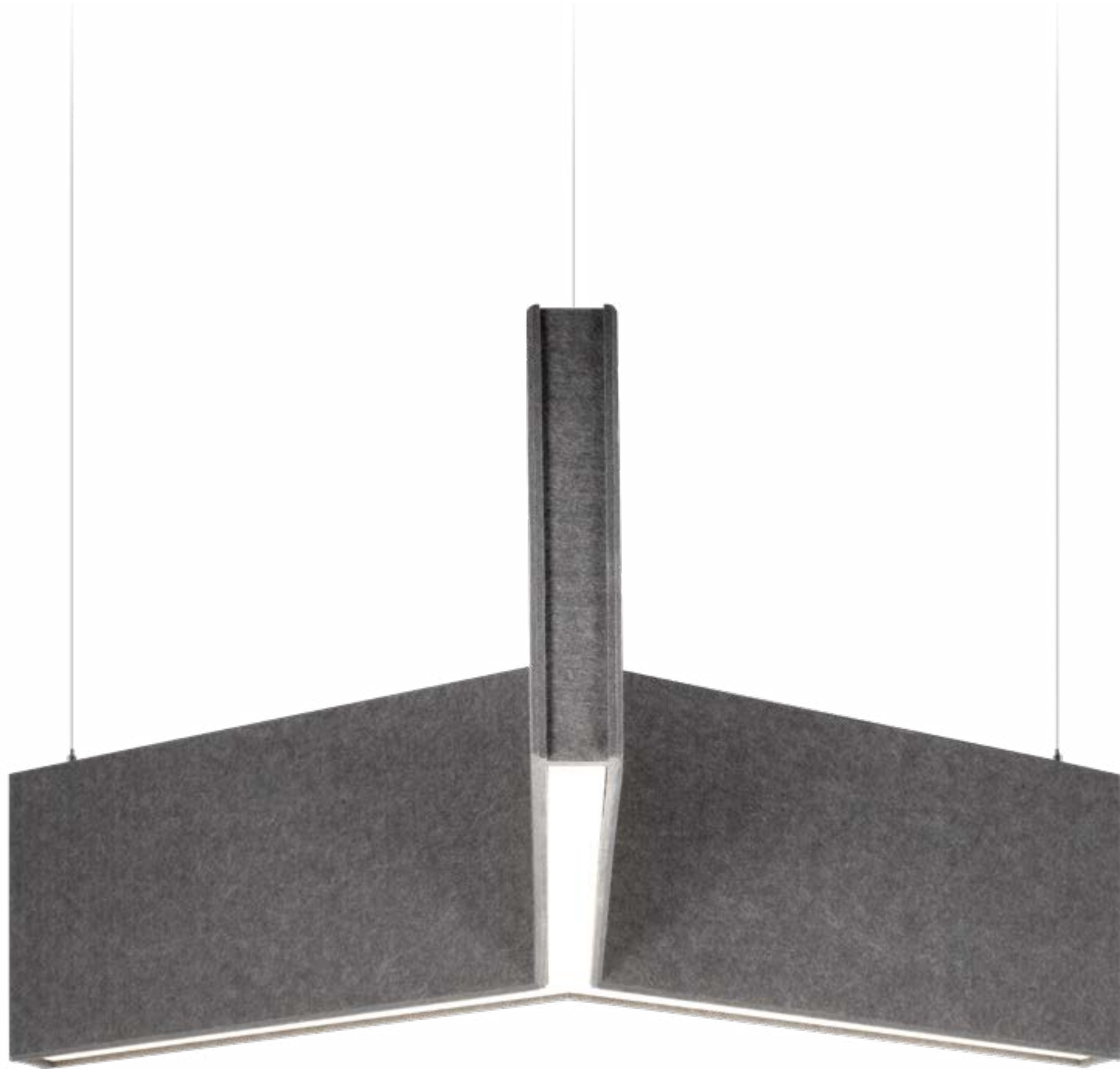
Via 1.5 Via 2 Acoustix

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.

Via 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.

1. Continuous run available
2. <19 UGR (Unified Glare Rating)
3. Up to 74 lm/W illumination
4. 3000 maximum lumen output (4ft)





Via 1.5 Via 2 Acoustix

Distribution

Direct
Indirect
Direct/Indirect

CRI

80+ CRI
90+ CRI (R9>50)

Direct Optics

Asymmetric Reflector Optic
Wall Wash Reflector Optic

Indirect Optics

Widespread Indirect Optic
Clear Lambertian Optic

Color Temperature

2700K
3000K
3500K
4000K
SOLA
DUO
QUADRO
BIOS

Luminaire Height

8 in
12 in
16 in

Option (Blank with acoustic only)



Shapes





Via 2 Acoustix
Height: 12 inch
Color: Lemon & Iron

Mikro Wafer

Introducing Mikro Wafer, a sound absorbing 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.



1. Increase of 20% sound absorption vs other horizontal acoustic luminaires
2. Up to 95 lm/W illumination
3. Available in 3 sizes
4. Biologically optimized lighting with BIOS LED.

Mikro Wafer

Distribution

Direct
Direct/Indirect

Direct Optic

High Lambertian Optic

Indirect Optic

High Lambertian Optic
Clear Lambertian Optic

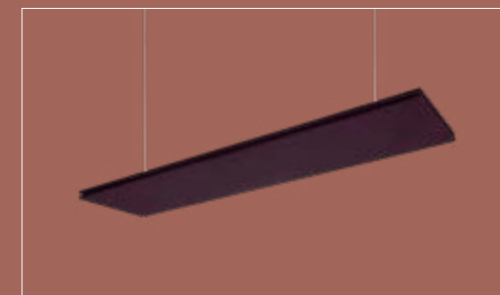
CRI

80+ CRI
90+ CRI (R9>50)

Color temperature

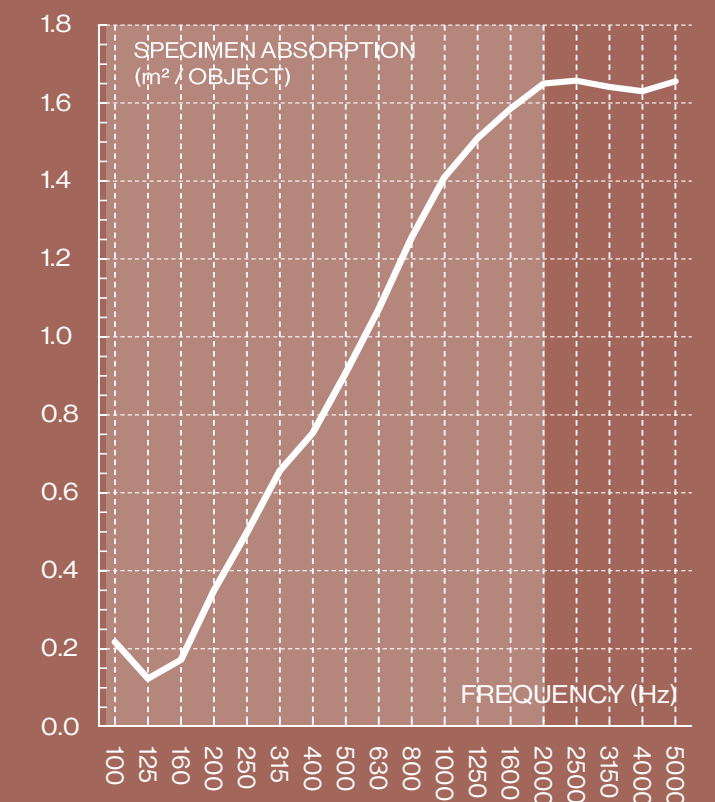
2700K
3000K
3500K
4000K
BIOS

Option (Blankwith acoustic only)

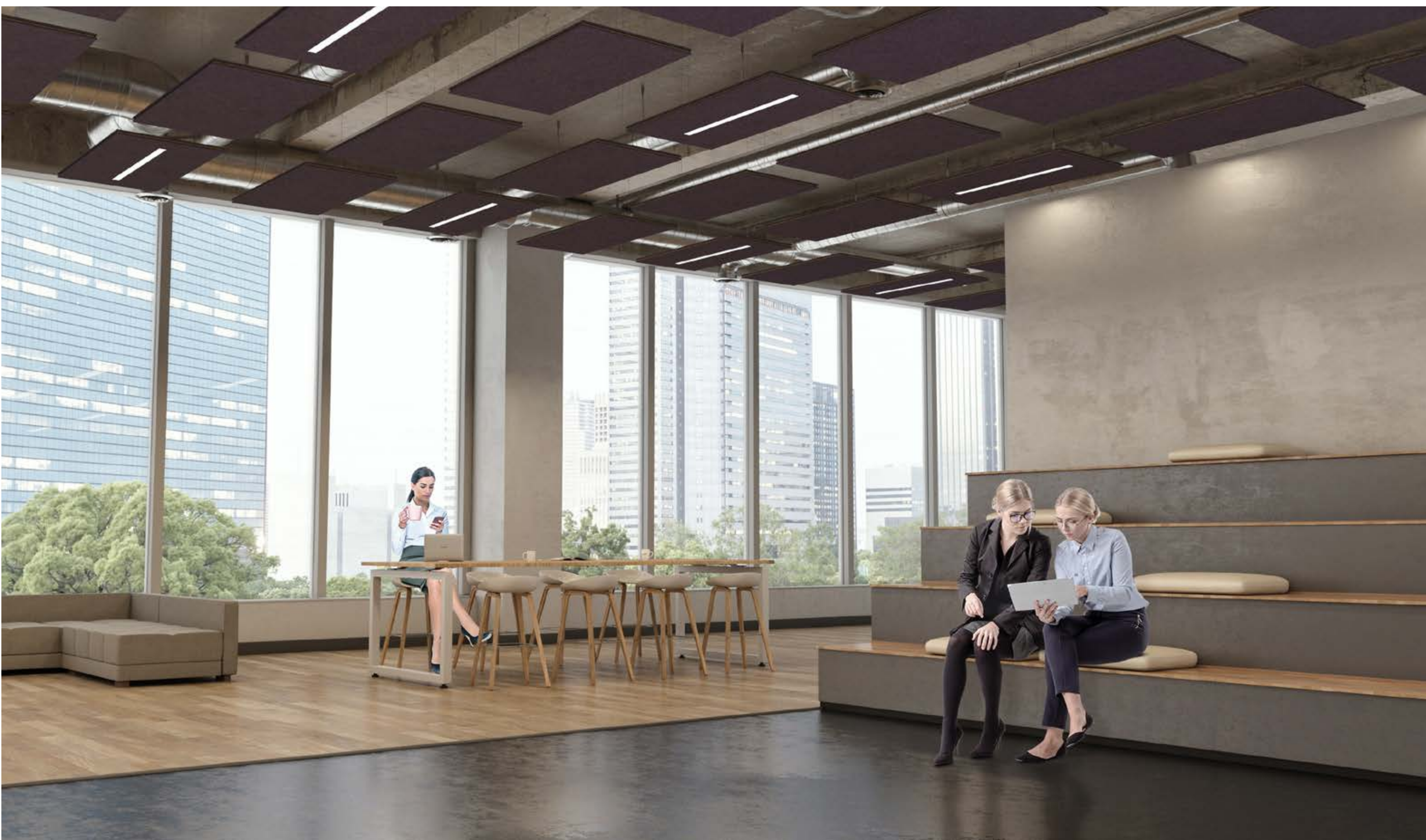


As demonstrated by the graph below, the Mikro Wafer performs well at many frequencies. On average it out performs traditional Acoustic felt luminaries by twenty percent.

Sound Absorption Results – Lumenwerx Mikro Wafer 2 rows of 4 units spaced 49" o.c, bottom edge of unit 48" from the floor.



■ Human hearing frequencies range: 20Hz-2000Hz



Mikro Wafer
Felt color: Plum

Cluster Acoustix

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.



1. Sharp edge, soft edge and parabolic optics available
2. UGR of < 10
3. Conical, square or hyper parabolic louvers available
4. Matte black, matte white, black chrome, gold and copper louver color choices

Cluster Acoustix

Distribution

Direct

Direct Optic

Parabolic
Soft edge downlight
Sharp edge downlight

Color Temperature

2700K
3000K
3500K
4000K
SOLA
DUO
BIOS

Option (Blank with acoustic only)



CRI

90+ CRI (R9>50)

Louver type

Conical
Hyperbolic
Square

Louver Finish

Matte white
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 color: Forest Green + Café
Optic: Matte parabolic louver in black



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.

1. Flexible design with 3 size options
2. Direct view illumination
3. Up to 77 lm/W illumination
4. 8000 maximum lumen output



Rim Verso Acoustix

Distribution

Direct View

Optics

Uniform Lambertian Optic

CRI

90+ CRI (R9>50)

Sizes

24 inch diameter

36 inch diameter

48 inch diameter

Color temp

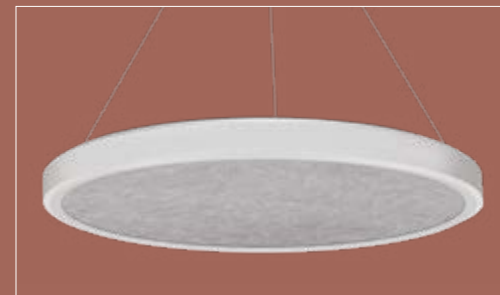
2700K

3000K

3500K

4000K

Option (Blank with acoustic only)





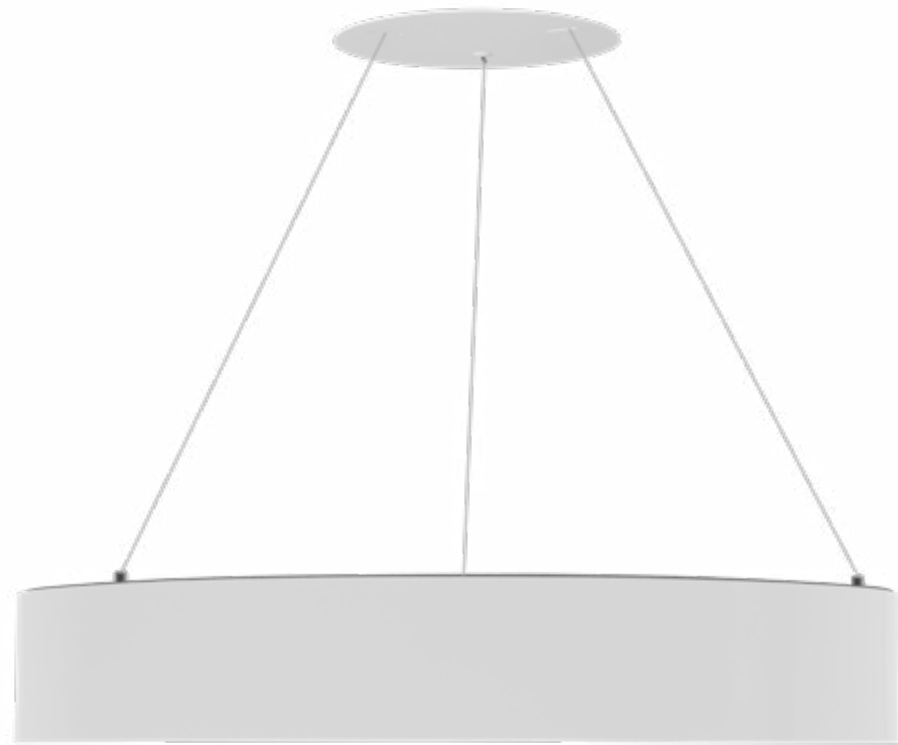
Rim Verso Acoustix
Diameter: 36 in
Color: Café



Togo Acoustix

With its gentle curves, sound dampening technology and single piece, seamless external luminaire, the Togo Pendant offers the best of form and function. Thanks to dual-purpose powered aircraft cable, the pendant appears to float in mid-air, offering low glare illumination and acoustic dampening that will enhance any space.

1. Flexible design in 3 size options
2. Up to 85 lm/W illumination
3. 9000 maximum lumen output
4. 12 standard color options for the housing



Togo Acoustix

Distribution

Direct only

Optic

Uniform Lambertian Optic

CRI

90+ CRI (R9>50)

Sizes

24 inch diameter
36 inch diameter
48 inch diameter

Color temperature

2700K
3000K
3500K
4000K

Option (Blank with acoustic only)





Togo Acoustix
Diameter: 36 in
Color: Lichen
68



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.

1. Optimal design ratio
2. Tunable white, RGBW & Bios Options
3. Up to 74 lm/W illumination
4. Up to 750 lumen/ft output

Via Stil

Distribution

Asymmetric
Direct
Wall Wash

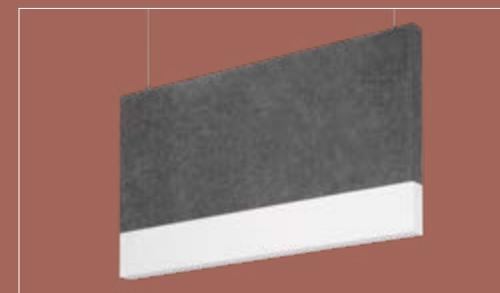
Direct Optics

Asymmetric Reflector Optic
High efficiency Lambertian Optic
Wall Wash Reflector Optic

Color Temperature

2700K
3000K
3500K
4000K
SOLA
DUO
QUADRO
BIOS

Option (Blank with acoustic only)



CRI

80+ CRI
90+ CRI (R9>50)

Luminaire Height

12 in
16 in
20 in



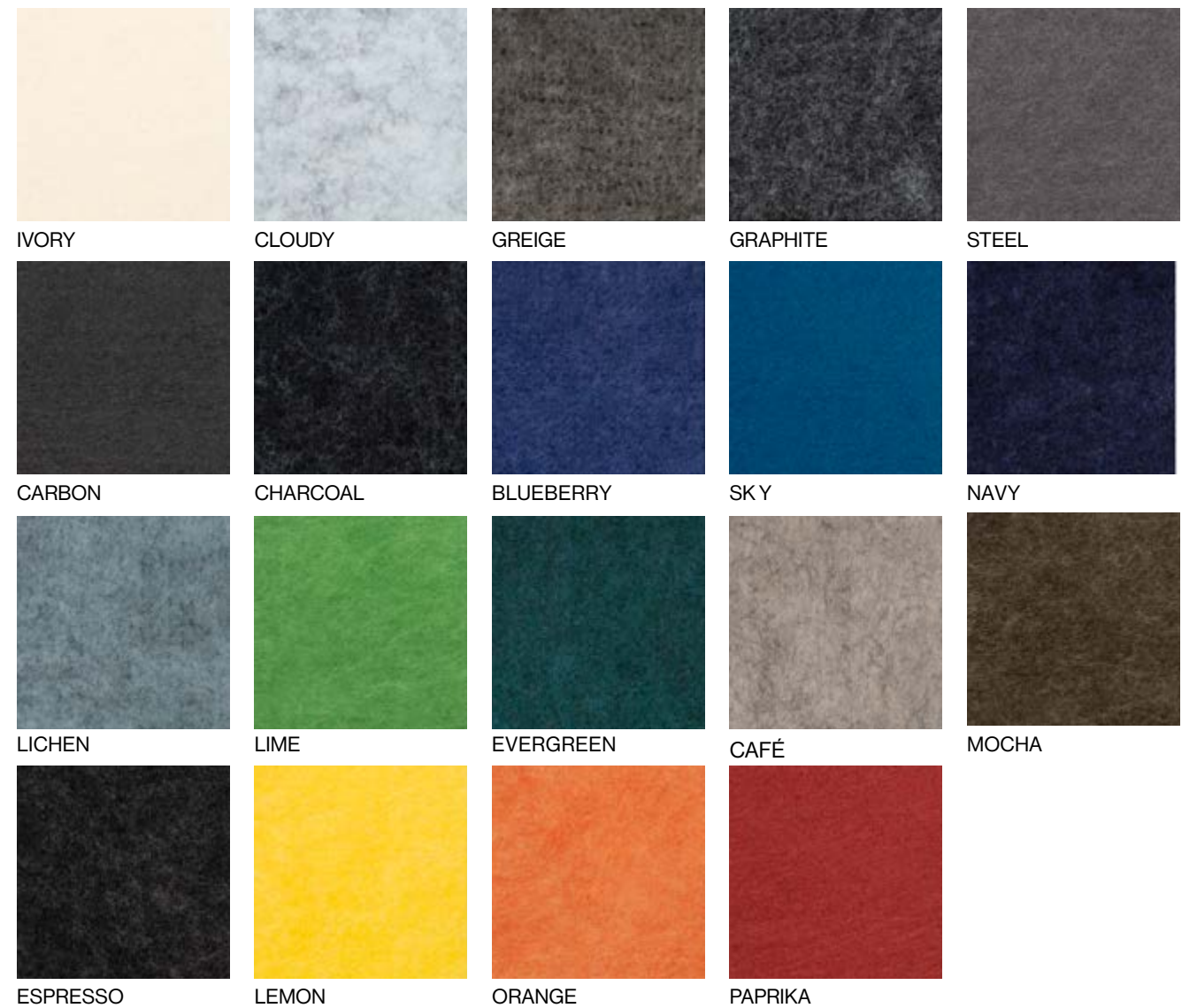
Via Stil
Height: 20 inch
Color: Forest Green

Color options for Acoustix*

Standard Felt Color Options



Premium Felt Color Options



*Please consult factory for more color options, these colors are not applicable for Audia please see p. 15 for Audia color options.
Lead time may vary, minimum quantity may apply

How do acoustics work?

Crafting the ideal solution

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

Frequency - the number of cycles or completed alternations per unit time of a wave or oscillations.

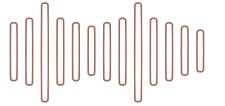
Decibel - a unit used to measure the intensity of a sound or the power level of an electrical signal by comparing it with a given level on a logarithmic scale.

Reverb - is a shaking or echoing effect that is added to a sound

Reverberation Time - is a measure of the time required for the sound to "fade away" in an enclosed area after the source of the sound has stopped.

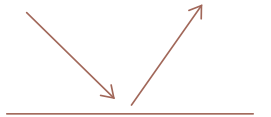
CHALLENGE: SOUND

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.



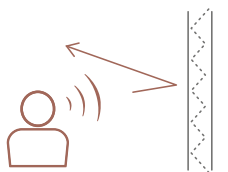
SOLUTION: REDIRECTING SOUND

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



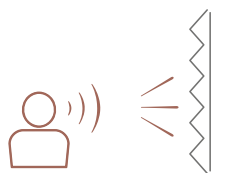
CHALLENGE: ECHO (REVERBERATION TIME)

"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 acoustical absorbing materials and sound trapping strategies such as the Helmholtz resonance principal, 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 acoustical system incorporating the lit environment of the space.



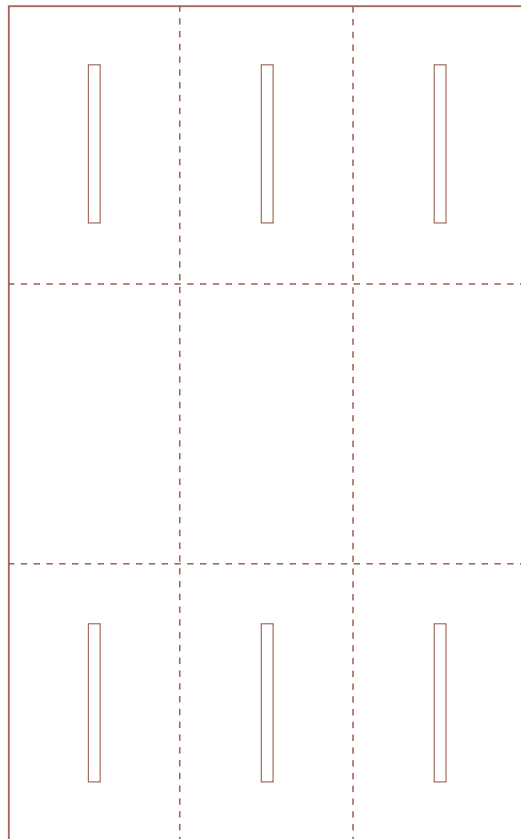
How to improve acoustics in a room?

Similar to lighting design, we approach acoustical 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 acoustical improvement of 0.2 seconds of reverberation time. We have incorporated this in our Good, Better and Best acoustic values calculations.

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

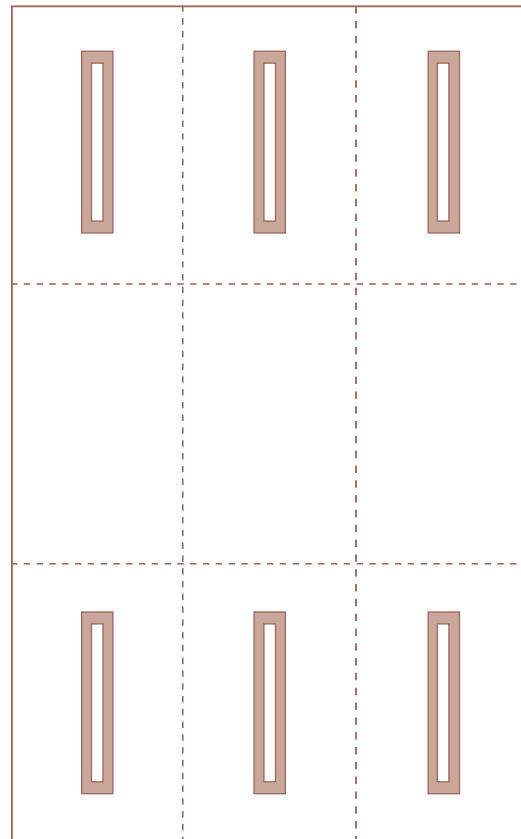
😊 General lighting
 😞 No acoustic

0% 1.3s Reverberation time



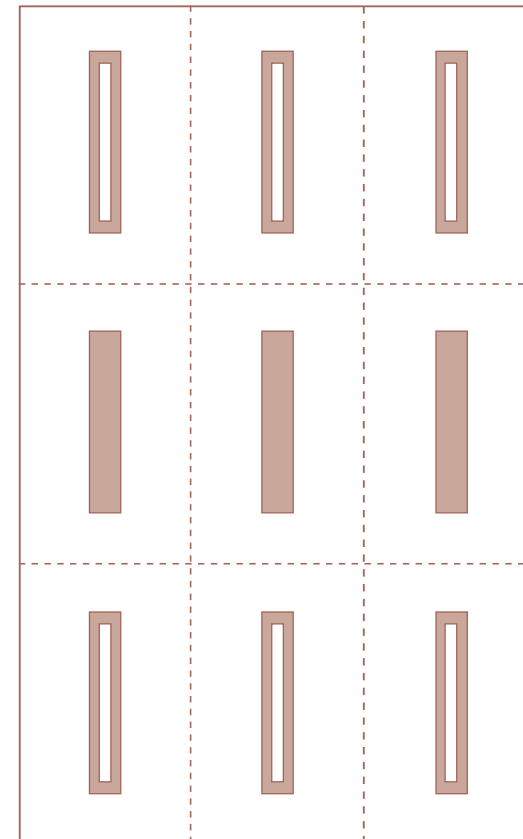
😊 General lighting
 😊 GOOD Acoustic

-25% 0.98s Reverberation time



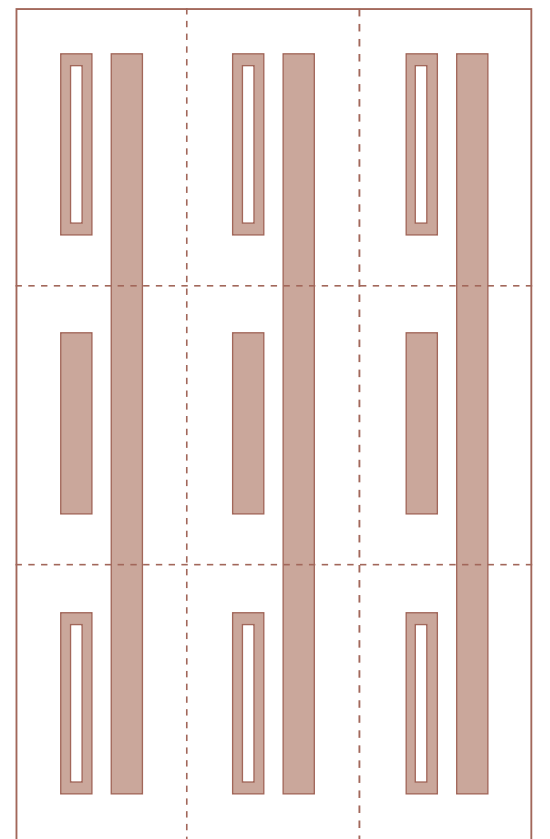
😊 General lighting
 😊😊 BETTER Acoustic

-40% 0.78s Reverberation time



😊 General lighting
 😊😊😊 BEST Acoustic

-50% 0.65s 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%

Lumenwerx Acoustix Value Formula.

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

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

See next page for illustrated example

* 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 77.

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 acoustical improvement you are looking for and select the associated Acoustix Value:
😊😊 **Better : 25**
- 4 Use the Lumenwerx Acoustix Value Formula

$$\begin{array}{rcl}
 \mathbf{150 \div 25} & = & \mathbf{6 \text{ fixtures}} \\
 \text{(sq ft)} & \text{(Acoustix value)} & \text{(3 luminaires + 3 blanks)}
 \end{array}$$

The Acoustix Value Formula is a simple calculator used to establish the recommended number of acoustical 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

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.

ROOM DIMENSIONS UNDER 300 SQ/FT

PRODUCT	GOOD 😊	BETTER 😊😊	BEST 😊😊😊
Arro 4 Acoustix 4 ft Direct	22	10	7
Arro 4 Acoustix 4 ft Direct/Indirect	20	10	6
Arro 4 Acoustix 6 ft Direct	32	15	10
Arro 4 Acoustix 6 ft Direct/Indirect	30	14	10
Arro 4 Acoustix 8 ft Direct	43	20	14
Arro 4 Acoustix 8 ft Direct/Indirect	40	19	13
Arro 4 Acoustix 10 ft Direct	53	25	17
Arro 4 Acoustix 10 ft Direct/Indirect	50	24	16
Arro 4 Acoustix 12 ft Direct	64	30	20
Arro 4 Acoustix 12 ft Direct/Indirect	60	28	19
Audia 12"x48"	38	19	12
Audia 16"x48"	51	25	17
Cluster Circle Acoustix 22"	30	15	10
Cluster Square Acoustix 22"	38	19	13
Mikro Wafer 20"x24"	38	19	13
Mikro Wafer 20"x36"	55	29	19
Mikro Wafer 20"x48"	78	40	25
Pop Recessed Acoustix 1x1 Flush	3	2	1
Pop Recessed Acoustix 1x1 Drop 1"	4	2	1
Pop Recessed Acoustix 1x1 Drop 2"	6	3	2
Pop Recessed Acoustix 1x2 Flush	7	3	2
Pop Recessed Acoustix 2x2 Flush	14	7	4
Pop Recessed Acoustix 2x2 Drop 1"	16	7	5
Pop Recessed Acoustix 2x2 Drop 2"	18	9	6
Pop Recessed Acoustix 2x2 Drop 3"	20	10	6
Pop Recessed Acoustix 2x2 Drop 4"	23	11	7
Pop Recessed Acoustix 4x4 Flush	28	13	9
Pop Recessed Acoustix 4x4 Drop 1"	32	15	10
Rim Verso Acoustix 24"	18	9	6
Rim Verso Acoustix 36"	42	20	14
Rim Verso Acoustix 48"	75	38	25

PRODUCT	GOOD 😊	BETTER 😊😊	BEST 😊😊😊
Squero Acoustix 8"x48"	19	9	6
Squero Acoustix 12"x48"	29	14	8
Squero Acoustix 16"x48"	38	19	12
Squero Acoustix 8" V60, V90, V120 - 2 ft	19	9	6
Squero Acoustix 12" V60, V90, V120 - 2 ft	29	14	8
Squero Acoustix 16" V60, V90, V120 - 2 ft	38	19	12
Squero Acoustix 8" V60, V90, V120 - 3 ft	29	14	9
Squero Acoustix 12" V60, V90, V120 - 3 ft	44	21	12
Squero Acoustix 16" V60, V90, V120 - 3 ft	57	29	18
Squero Acoustix 8" V60, V90, V120 - 4 ft	38	18	12
Squero Acoustix 12" V60, V90, V120 - 4 ft	58	28	16
Squero Acoustix 16" V60, V90, V120 - 4 ft	76	38	24
Squero, Via 1.5 & 2 Acoustix 8" 2 ft - 3 Spoke	29	14	9
Squero, Via 1.5 & 2 Acoustix 12" 2 ft - 3 Spoke	44	21	12
Squero, Via 1.5 & 2 Acoustix 16" 2 ft - 3 Spoke	57	29	18
Squero, Via 1.5 & 2 Acoustix 8" 3 ft - 3 Spoke	43	20	14
Squero, Via 1.5 & 2 Acoustix 12" 3 ft - 3 Spoke	65	32	18
Squero, Via 1.5 & 2 Acoustix 16" 3 ft - 3 Spoke	86	43	27
Squero, Via 1.5 & 2 Acoustix 8" 2 ft - 4 Spoke	38	18	12
Squero, Via 1.5 & 2 Acoustix 12" 2 ft - 4 Spoke	58	28	16
Squero, Via 1.5 & 2 Acoustix 16" 2 ft - 4 Spoke	76	38	24
Togo Acoustix 24"	18	9	6
Togo Acoustix 36"	42	20	14
Togo Acoustix 48"	75	38	25
Via 1.5 & 2 Acoustix 8"x48"	19	9	6
Via 1.5 & 2 Acoustix 12"x48"	29	14	8
Via 1.5 & 2 Acoustix 16"x48"	38	19	12
Via Stil 12"x48"	19	9	6
Via Stil 16"x48"	29	14	8
Via Stil 20"x48"	38	19	12

ROOM DIMENSIONS OVER 300 SQ/FT

PRODUCT	GOOD 😊	BETTER 😊😊	BEST 😊😊😊
Arro 4 Acoustix 4 ft Direct	33	17	11
Arro 4 Acoustix 4 ft Direct/Indirect	31	16	11
Arro 4 Acoustix 6 ft Direct	49	26	17
Arro 4 Acoustix 6 ft Direct/Indirect	46	24	16
Arro 4 Acoustix 8 ft Direct	66	34	23
Arro 4 Acoustix 8 ft Direct/Indirect	62	32	21
Arro 4 Acoustix 10 ft Direct	81	42	28
Arro 4 Acoustix 10 ft Direct/Indirect	76	39	26
Arro 4 Acoustix 12 ft Direct	98	51	34
Arro 4 Acoustix 12 ft Direct/Indirect	91	47	32
Audia 12"x48"	60	29	19
Audia 16"x48"	84	39	26
Cluster Circle Acoustix 22"	48	24	16
Cluster Square Acoustix 22"	61	30	20
Mikro Wafer 20"x24"	61	30	20
Mikro Wafer 20"x36"	92	45	30
Mikro Wafer 20"x48"	128	60	40
Pop Recessed Acoustix 1x1 Flush	5	3	2
Pop Recessed Acoustix 1x1 Drop 1"	7	3	2
Pop Recessed Acoustix 1x1 Drop 2"	8	4	3
Pop Recessed Acoustix 1x2 Flush	11	5	4
Pop Recessed Acoustix 2x2 Flush	21	11	7
Pop Recessed Acoustix 2x2 Drop 1"	24	12	8
Pop Recessed Acoustix 2x2 Drop 2"	28	14	10
Pop Recessed Acoustix 2x2 Drop 3"	31	16	11
Pop Recessed Acoustix 2x2 Drop 4"	35	18	12
Pop Recessed Acoustix 4x4 Flush	43	22	15
Pop Recessed Acoustix 4x4 Drop 1"	48	25	17
Rim Verso Acoustix 24"	28	14	9
Rim Verso Acoustix 36"	65	32	22
Rim Verso Acoustix 48"	120	59	41

ROOM DIMENSIONS OVER 300 SQ/FT

PRODUCT	GOOD 😊	BETTER 😊😊	BEST 😊😊😊
Squero Acoustix 8"x48"	29	15	10
Squero Acoustix 12"x48"	45	22	14
Squero Acoustix 16"x48"	58	29	19
Squero Acoustix 8" V60, V90, V120 - 2 ft	29	15	10
Squero Acoustix 12" V60, V90, V120 - 2 ft	45	22	14
Squero Acoustix 16" V60, V90, V120 - 2 ft	58	29	19
Squero Acoustix 8" V60, V90, V120 - 3 ft	44	23	15
Squero Acoustix 12" V60, V90, V120 - 3 ft	68	33	21
Squero Acoustix 16" V60, V90, V120 - 3 ft	87	44	29
Squero Acoustix 8" V60, V90, V120 - 4 ft	58	30	20
Squero Acoustix 12" V60, V90, V120 - 4 ft	90	44	28
Squero Acoustix 16" V60, V90, V120 - 4 ft	116	58	38
Squero, Via 1.5 & 2 Acoustix 8" 2 ft - 3 Spoke	44	23	15
Squero, Via 1.5 & 2 Acoustix 12" 2 ft - 3 Spoke	68	33	21
Squero, Via 1.5 & 2 Acoustix 16" 2 ft - 3 Spoke	87	44	29
Squero, Via 1.5 & 2 Acoustix 8" 3 ft - 3 Spoke	65	34	23
Squero, Via 1.5 & 2 Acoustix 12" 3 ft - 3 Spoke	101	50	32
Squero, Via 1.5 & 2 Acoustix 16" 3 ft - 3 Spoke	131	65	43
Squero, Via 1.5 & 2 Acoustix 8" 2 ft - 4 Spoke	58	30	20
Squero, Via 1.5 & 2 Acoustix 12" 2 ft - 4 Spoke	90	44	28
Squero, Via 1.5 & 2 Acoustix 16" 2 ft - 4 Spoke	116	58	38
Togo Acoustix 24"	28	14	9
Togo Acoustix 36"	65	32	22
Togo Acoustix 48"	120	59	41
Via 1.5 & 2 Acoustix 8"x48"	29	15	10
Via 1.5 & 2 Acoustix 12"x48"	45	22	14
Via 1.5 & 2 Acoustix 16"x48"	58	29	19
Via Stil 12"x48"	29	15	10
Via Stil 16"x48"	45	22	14
Via Stil 20"x48"	58	29	19

Lumenwerx

Making light work for you

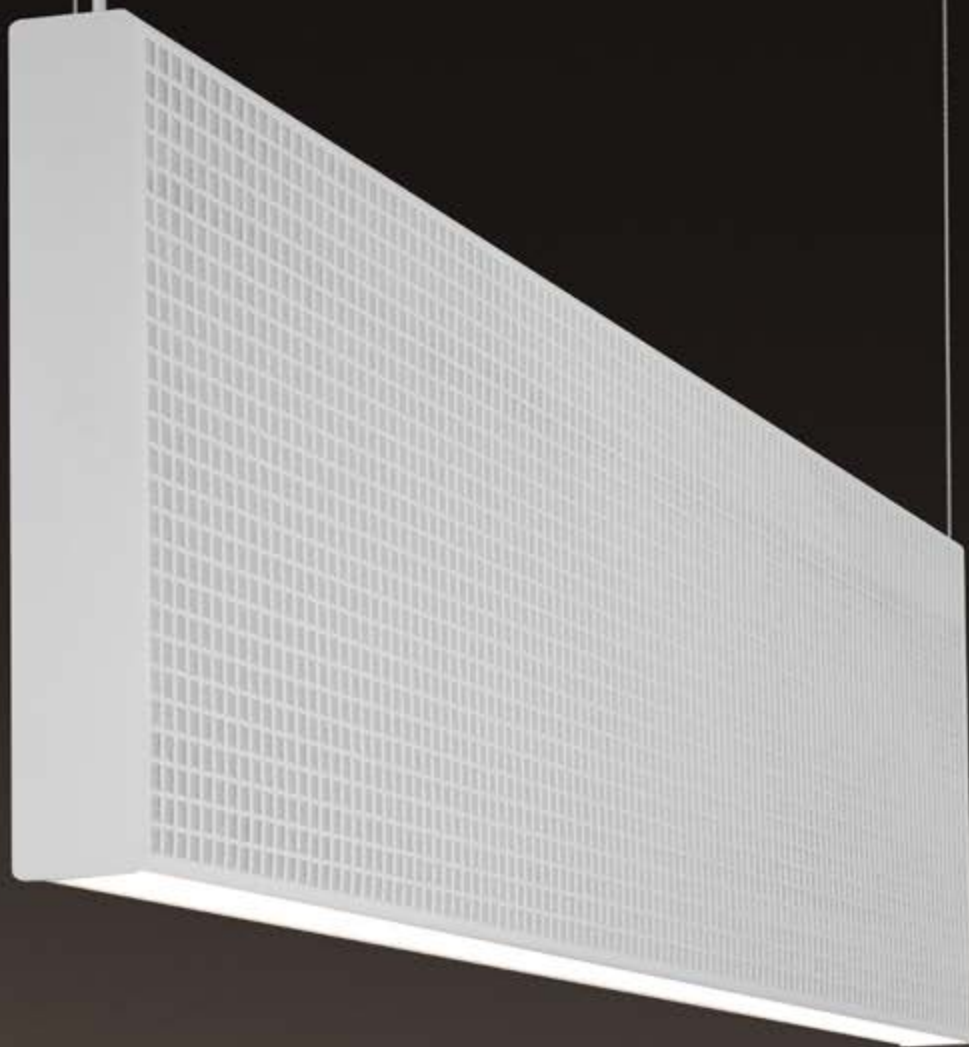
Designed with human performance and technical optimization in mind, Lumenwerx offers an ever expanding portfolio of acoustic lighting solutions for many applications:

- Offices
- Conference rooms
- Libraries
- Education
- Foyer/ Lobby
- High ceiling application
- Fitness Centers
- Cafeterias
- Multi-Use room
- Retail
- Hospitality

For additional information please visit our website at www.lumenwerx.com



acoustix



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