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# Acoustic Lighting Catalog

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Catalog 2019 - 2020

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NO BOUNDARIES



[www.buzzi.space](http://www.buzzi.space)

## NO BOUNDARIES

BuzziSpace  
Acoustic Lighting

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# About BuzziSpace

BuzziSpace creates solutions for happy and healthy workspaces around the world. Enhancing the well-being of employees is key. BuzziSpace provides intriguing products for sound absorption and noise reduction through upholstered luminaires, acoustic chandeliers and subtle indirect wall lighting. Established in 2007, being awarded nume-

rous design prizes and working in partnership with well-known designers, BuzziSpace demonstrates that innovation is the key to worldwide success. With showrooms in Antwerp, Chicago, London and Aachen and its own production sites in Bladel (NL) & High Point (US), the Antwerp-based company has firmly established itself as a global player.





# Acoustic Lighting matters

**The spaces in which we live and work should be places where we thrive.** Often, however, there are several factors that negatively impact our health and happiness. These factors are poor sound and light. **Sound** impacts us to a great extent, mostly subconsciously. Therefore, its influence on us is often neglected, and this despite evidence showing how sound affects our moods, well-being and even productivity, for better or for worse. The same goes for **light**. Good lighting can help us perform better, prevent tiredness and headaches resulting in increased productivity and better overall well-being. Sound and light must therefore never be an afterthought.



**Part of the equation to happy and healthy workspaces involves finding the right lighting and creating good acoustics.**

Because light as well as sound impact us so profoundly; cognitively, behaviorally and psychologically, both should be part of the design process of a space from the very beginning.

BuzziSpace is on a mission to improve well-being among employees through human centric design. We create happy and healthy workspaces around the world. This involves offering solutions that combine good lighting with high acoustic performance.

As a pioneer in acoustic, we serve the best noise reducing and sound absorbing lighting solutions in the market, catering to the needs of the the modern workplace, the hospitality and educational sector, residential areas – and beyond.

Dive in to our range of acoustic lighting solutions, all combining high acoustic performance with integrated lighting along with a special, decorative feature.

**DISCOVER OUR ACOUSTIC LIGHTING PORTFOLIO**  
GO TO PAGE 8-9

**LEARN MORE ABOUT ACOUSTICS & NOISE REDUCTION?**  
GO TO PAGE 82



**Did you know this about Sound & Light?**



A UK study found that **three in 10 employees** frequently lose their concentration due to chatter and buzz in their workspace.<sup>1</sup>

**Sound masking technology** improves employee focus by 47% and short term memory accuracy by almost 10%.<sup>2</sup>



**66%**

Employees can be up to 66% less productive when exposed to just one nearby conversation.<sup>3</sup>

**People who are more satisfied with their lighting,** rate the space as more attractive, are happier, and are more comfortable and satisfied with their environment at work.<sup>4</sup>



<sup>1</sup> Think Money Study (2015)

<sup>2</sup> Building in Sound (2012), Julian Treasure

<sup>3</sup> Sound Business (2011), Julian Treasure

<sup>4</sup> Light Right Consortium Study (2003)

# ACOUSTIC LIGHTING PORTFOLIO

	BuzziBell		BuzziClipse		BuzziChandelier	
	220V 240V	110V 120V	220V 240V	24V	220V 240V	24V
<b>CERTIFICATIONS</b>	CE	UL US LISTED	CE		CE	UL US LISTED
<b>LIGHT SOURCE</b>	LED Board***		LED strip		LED strip	
<b>LIGHT OUTPUT</b>	2545 lm		580 lm		870 lm	
<b>POWER</b>	29,4W		21W		33W	
<b>EFFICACY</b>	87 lm/W		27 lm/W /		26 lm/W /	
<b>COLOR TEMPERATURE (KELVIN)</b>	3000K		2700K		2700K	
<b>COLOR RENDERING INDEX</b>	90		85		85	
<b>UNIFIED GLARE RATING</b>	22**		/		/	
<b>DIMMABILITY</b>	1 - 10V		Not dimmable		Not dimmable	
<b>SOURCE LIFETIME</b>	50000 hr		20000 hr		20000 hr	
<b>IP RATING</b>	IP20		IP20		IP20	
<b>GEAR / TRANSFO</b>	incl.		incl. excl.		incl. excl.	
<b>ACOUSTIC PRINCIPLES</b>						

	BuzziDome		BuzziHat		BuzziJet		BuzziLight Mono		BuzziLight Alhambra & Royal		BuzziMoon	
	220V 240V	110V 120V	220V 240V	110V 120V	220V 240V	110V 120V	220V 240V	110V 120V	220V 240V	110V 120V	220V 240V	110V 120V
<b>CERTIFICATIONS</b>	CE	UL US LISTED	CE	UL US LISTED	CE	UL US LISTED	CE	UL US LISTED	CE	UL US LISTED	CE	UL US LISTED
<b>LIGHT SOURCE</b>	LED Board***		LED Board***		LED Board***		Retrofit Bulb excl.		Retrofit Bulb excl.		LED Board***	
<b>LIGHT OUTPUT</b>	2545 lm		2000 lm		2545 lm		/		/		2545 lm	
<b>POWER</b>	29,4W		19W		29,4W		Max. 60W Max. 100W		Max. 60W Max. 100W		29,4W	
<b>EFFICACY</b>	87 lm/W		105 lm/W		87 lm/W		/		/		87 lm/W	
<b>COLOR TEMPERATURE (KELVIN)</b>	3000K		3000K		3000K		/		/		3000K	
<b>COLOR RENDERING INDEX</b>	90		90		90		/		/		90	
<b>UNIFIED GLARE RATING</b>	22**		20**		22**		/		/		22**	
<b>DIMMABILITY</b>	1 - 10V		1 - 10V		1 - 10V		/		/		1 - 10V	
<b>SOURCE LIFETIME</b>	50000 hr		50000 hr		50000 hr		/		/		50000 hr	
<b>IP RATING</b>	IP20		IP20		IP20		IP20		IP20		IP20	
<b>GEAR / TRANSFO</b>	incl.		incl.		incl.		/		/		incl.	
<b>ACOUSTIC PRINCIPLES</b>												

	BuzziPleat LED		BuzziProp LED		BuzziShade			
	220V 240V	110V 120V	220V 240V	110V 120V	Retrofit	LED Globe	LED Disk	
<b>CERTIFICATIONS</b>	CE	UL US LISTED	CE	UL US LISTED	CE	UL US LISTED	CE	UL US LISTED
<b>LIGHT SOURCE</b>	LED C.O.B.		LED C.O.B.		Retrofit Bulb excl.			
<b>LIGHT OUTPUT</b>	1500 lm		1500 lm		/			
<b>POWER</b>	19W		19W		Max. 60W Max. 100W			
<b>EFFICACY</b>	77,5 lm/W		77,5 lm/W		/			
<b>COLOR TEMPERATURE (KELVIN)</b>	3000K		3000K		/			
<b>COLOR RENDERING INDEX</b>	90		90		/			
<b>UNIFIED GLARE RATING</b>	/		/		/			
<b>IP RATING</b>	IP20		IP20		IP20			
<b>SOURCE LIFETIME</b>	20000 hr		20000 hr		/			
<b>DIMMABILITY</b>	1 - 10V		1 - 10V		/			
<b>GEAR / TRANSFO</b>	incl.		incl.		/			
<b>ACOUSTIC PRINCIPLES</b>								

	BuzziShade Square		BuzziShade Standing		BuzziSol Globe		BuzziZepp LED	
	220V 240V	110V 120V	220V 240V	110V 120V	220V 240V	110V 120V	220V 240V	110V 120V
<b>CERTIFICATIONS</b>	CE	UL US LISTED	CE	UL US LISTED	CE	UL US LISTED	CE	UL US LISTED
<b>LIGHT SOURCE</b>	Retrofit Bulb excl.		LED C.O.B.		Retrofit Bulb excl.		LED Line***	
<b>LIGHT OUTPUT</b>	/		1500 lm		/		4600 lm	
<b>POWER</b>	Max. 60W Max. 100W		19W		Max. 60W Max. 100W		65W	
<b>EFFICACY</b>	/		77,5 lm/W		/		71 lm/W	
<b>COLOR TEMPERATURE (KELVIN)</b>	/		3000K		/		3000K	
<b>COLOR RENDERING INDEX</b>	/		90		/		90	
<b>UNIFIED GLARE RATING</b>	/		/		/		23	
<b>IP RATING</b>	IP20		IP20		IP20		IP20	
<b>SOURCE LIFETIME</b>	/		20000 hr		/		50000hr	
<b>DIMMABILITY</b>	/		1 - 10V		/		1 - 10V	
<b>GEAR / TRANSFO</b>	/		incl.		incl.		incl.	
<b>ACOUSTIC PRINCIPLES</b>								

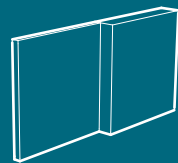
\*\* UGR 19 on request  
\*\*\* in collaboration with



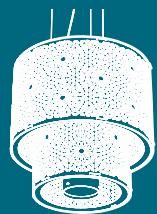
# LIGHTING



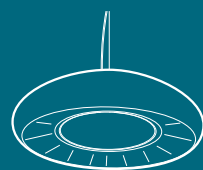
BuzziBell — 012



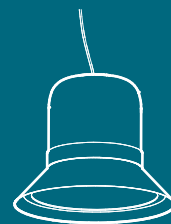
BuzziClipse — 016



BuzziChandelier — 020



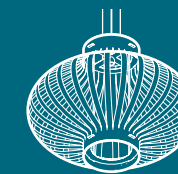
BuzziDome — 022



BuzziHat — 024



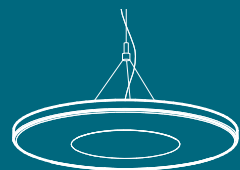
BuzziJet — 028



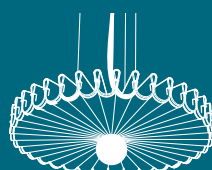
BuzziLight Mono — 030



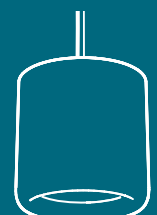
BuzziLight — 034  
Alhambra & Royal



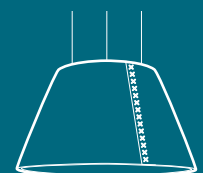
BuzziMoon — 036



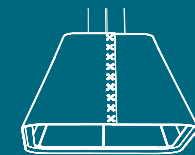
BuzziPleat LED — 040



BuzziProp LED — 044



BuzziShade — 046



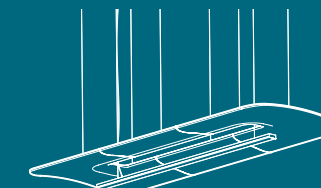
BuzziShade Square — 052



BuzziShade Standing — 052



BuzziSol — 054



BuzziZepp LED — 056

# LIGHTING



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# BuzziBell

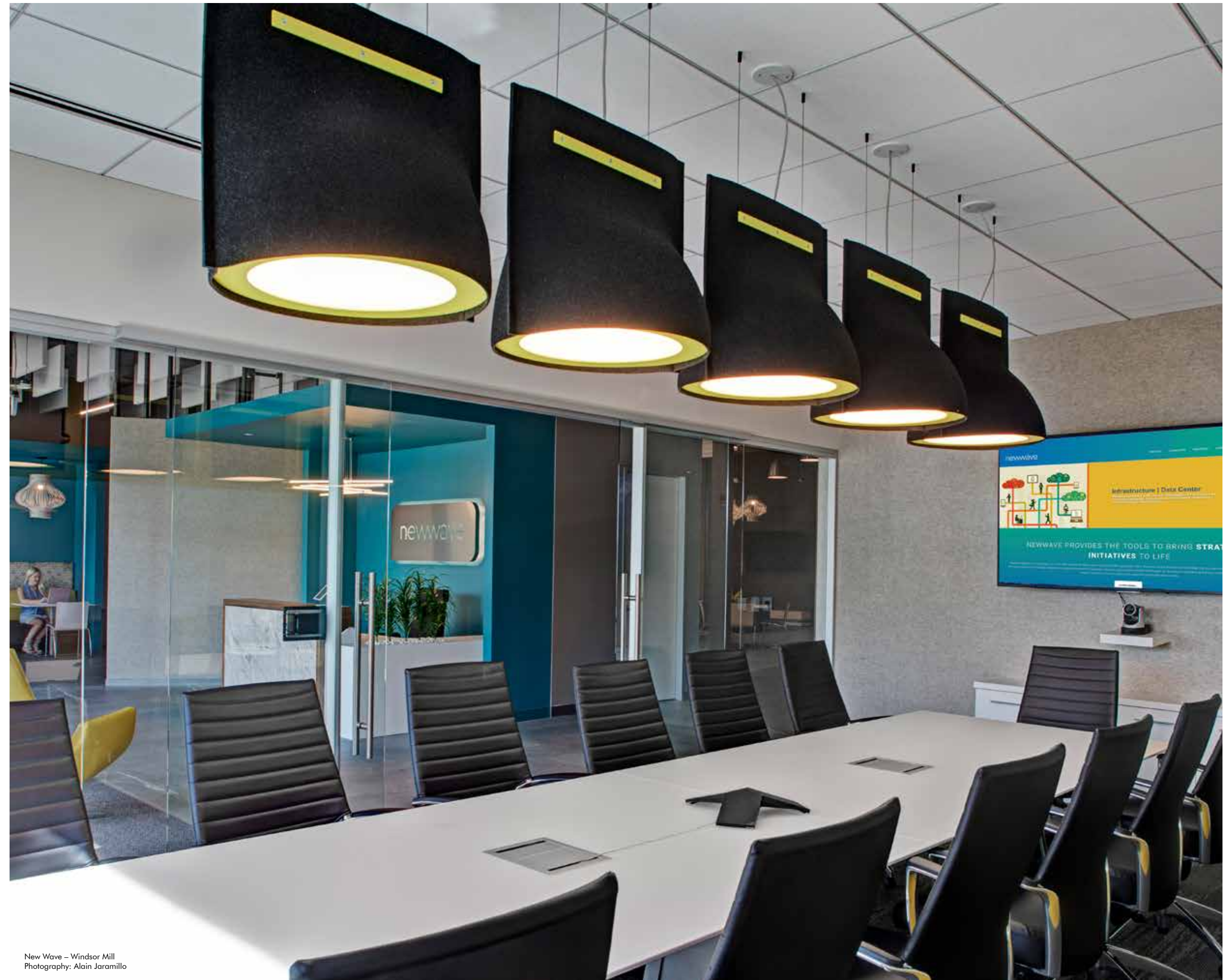
— by Chris Hardy

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## Acoustical lighting solution

Stretching the BuzziFelt to its limits, BuzziBell is recognized by the harmonious curve of its bell-shape. Its design adds softness to a room with the textural look of felt and a delicate, diffused light source or high performance LED engine. BuzziBell is offered in the 12 BuzziFelt colors, has a metal feature and is CE and UL listed. BuzziBell makes a statement in offices, restaurants, hotels, institutions and residences.

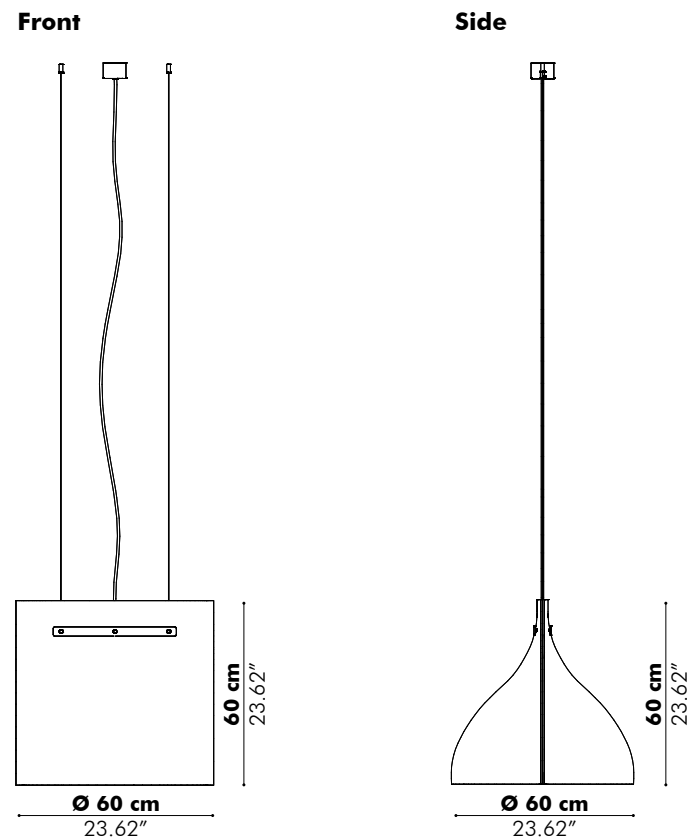
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New Wave – Windsor Mill  
Photography: Alain Jaramillo



## Dimensions

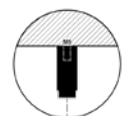


## Finishes

Metal frame in black (RAL 9005), white (RAL 9010) or fluo yellow (RAL 1016)  
 Cover in BuzziFelt

## Mounting

White metal ceiling canopy and transparant power cable incl.



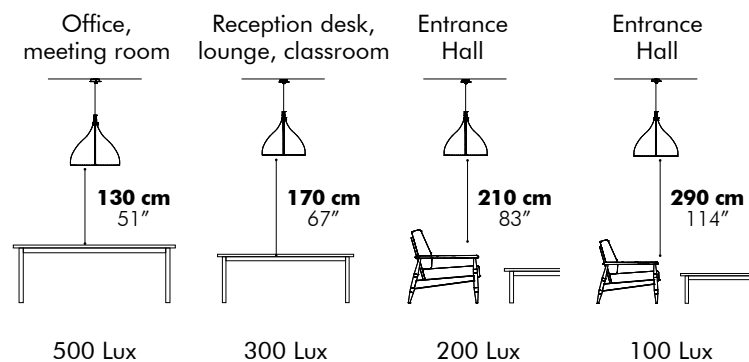
Ceiling Suspended.  
 Fixing System Screw with 2 cables of 2 m - 78.74" or 4 m - 157.85" (black or alu)

## Light

Input Voltage: 110 - 240V  
 Input Frequency: 50/60Hz  
 Lumen output: 2545 lumen  
 Color temperature: 3000K  
 Color Rendering Index: 90  
 1-10V dimmable  
 CE/CB certified / cULus listed

## Lux levels

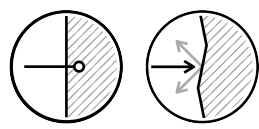
To enlighten your space with optimal lux level take following measures into account.



\* According to EN12464

## Acoustics

### Acoustic Principles



Absorption Diffusion

### Acoustic Performance



Mid Tones High Tones

## How to order

BuzziFelt color  
 Color frame  
 Mounting option



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# BuzziClipse

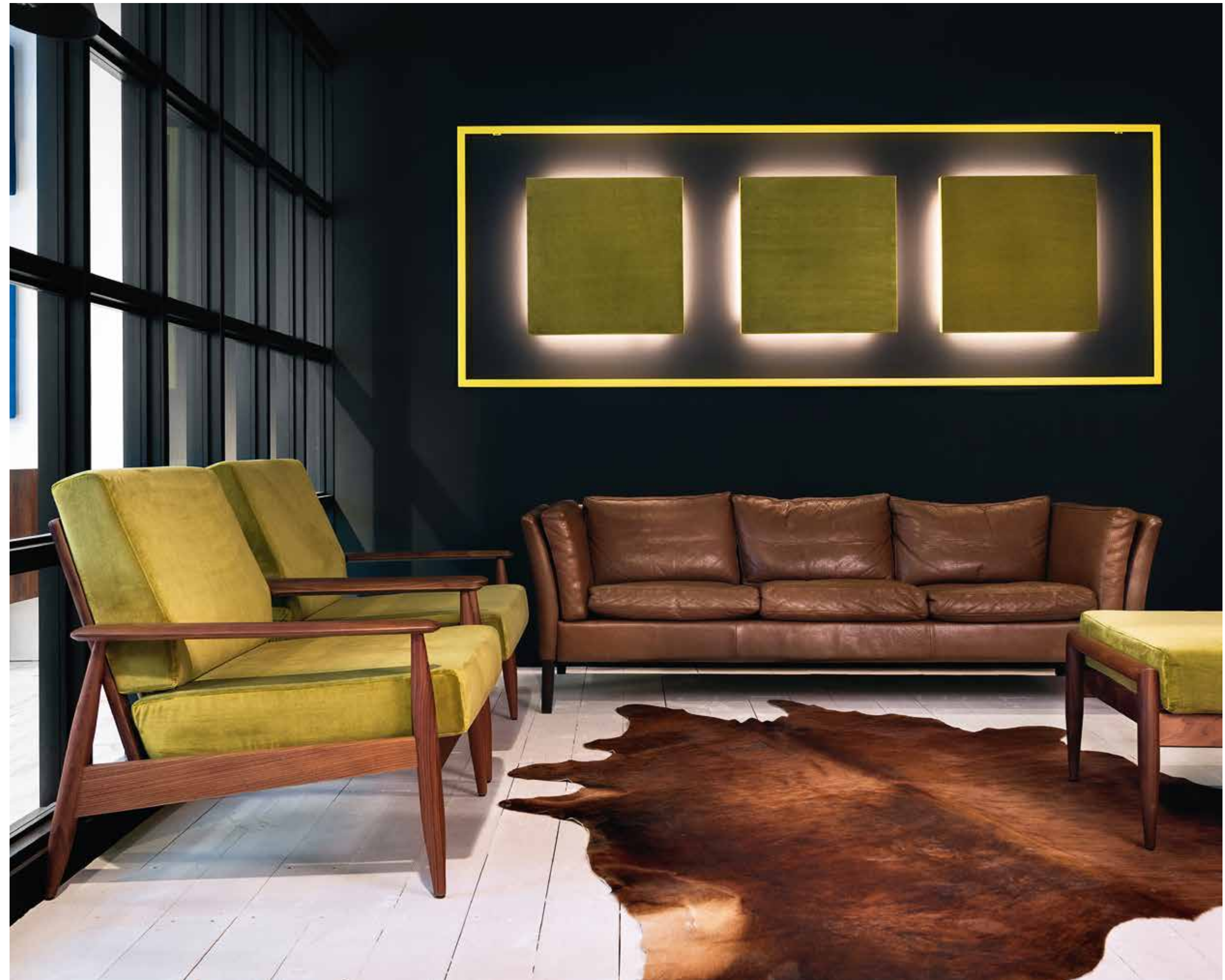
— by BuzziSpace Studio

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## Acoustic play of light

BuzziClipse offers the best of both worlds: subtle backlighting experience and highly acoustical performance. The frontpanel of BuzziClipse, designed to tackle acoustical issues in a room, is based on a highly finished aluminum frame housing the LED strip with an output of 870 lumen. The LED frame is offered in 2 variants: square and rectangular. Playing with different LED frames combined with front panels, upholstered in different fabrics, results in a nice wall feature and a high-performance sound dampener. This product is a true acoustical “eclipse”.

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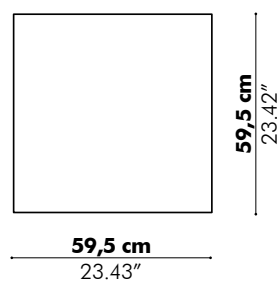




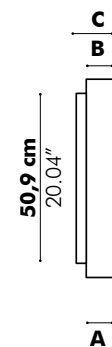
## Models

### Square

SQ-4-8-12-Wedge



SQ-4-8-12



SQ-Wedge

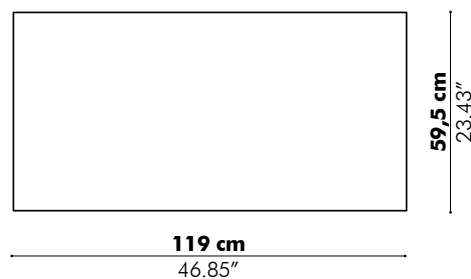


WOLS: Wedge on long side  
WOSS: Wedge on short side

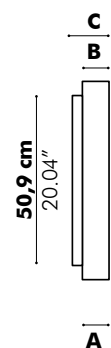
	SQ-4	SQ-8	SQ-12	SQ-Wedge
<b>A</b>	4 cm 1.57"	8 cm 3.15"	12 cm 4.72"	4 cm 1.57"
<b>B</b>	4 cm 1.57"	8 cm 3.15"	12 cm 4.72"	12 cm 4.72"
<b>C</b>	7 cm 2.76"	11 cm 4.33"	15 cm 5.90"	15 cm 5.90"
<b>D</b>	-	-	-	7 cm 2.76"

### Rectangular

R-4-8-12-Woss-Wols



R-4-8-12



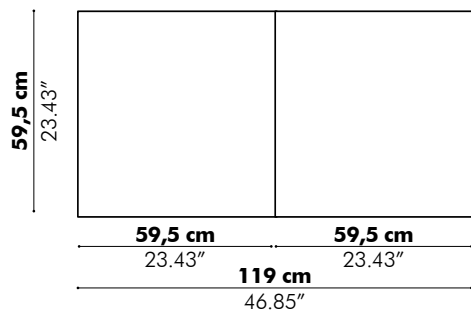
R-Wedge



	R-4	R-8	R-12	R-Woss	R-Wols
<b>A</b>	4 cm 1.57"	8 cm 3.15"	12 cm 4.72"	4 cm 1.57"	4 cm 1.57"
<b>B</b>	4 cm 1.57"	8 cm 3.15"	12 cm 4.72"	12 cm 4.72"	12 cm 4.72"
<b>C</b>	7 cm 2.76"	11 cm 4.33"	15 cm 5.90"	15 cm 5.90"	7 cm 2.76"
<b>D</b>	-	-	-	7 cm 2.76"	15 cm 5.90"

### Square Double

SQ-4-8-12-Wedge



SQ-4-8-12



SQ-Wols

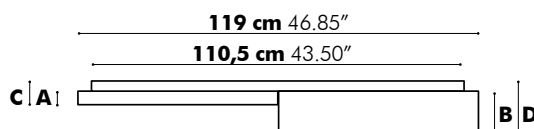


	SQ-4 + SQ-4	SQ-4 + SQ-8	SQ-4 + SQ-12	SQ-4 + SQ-W
<b>A</b>	4 cm 1.57"	4 cm 1.57"	4 cm 1.57"	4 cm 1.57"
<b>B</b>	4 cm 1.57"	8 cm 3.15"	12 cm 4.72"	12 cm 4.72"
<b>C</b>	7 cm 2.76"	7 cm 2.76"	7 cm 2.76"	7 cm 2.76"
<b>D</b>	7 cm 2.76"	11 cm 4.33"	15 cm 5.90"	15 cm 5.90"

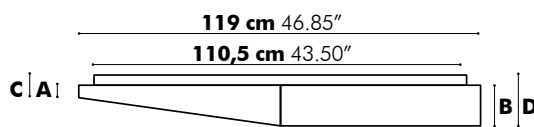
	SQ-8 + SQ-8	SQ-8 + SQ-12	SQ-8 + SQ-W
<b>A</b>	8 cm 3.15"	8 cm 3.15"	8 cm 3.15"
<b>B</b>	8 cm 3.15"	12 cm 4.72"	12 cm 4.72"
<b>C</b>	11 cm 4.33"	11 cm 4.33"	11 cm 4.33"
<b>D</b>	11 cm 4.33"	15 cm 5.90"	15 cm 5.90"

	SQ-12 + SQ-12	SQ-12 + SQ-W	SQ-W + SQ-W
<b>A</b>	12 cm 4.72"	4 cm 1.57"	4 cm 1.57"
<b>B</b>	12 cm 4.72"	12 cm 4.72"	12 cm 4.72"
<b>C</b>	15 cm 5.90"	7 cm 2.76"	7 cm 2.76"
<b>D</b>	15 cm 5.90"	15 cm 5.90"	15 cm 5.90"

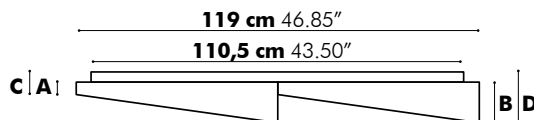
SQ-4-8-12



SQ-4-8-12 + Wedge



SQ-Wedge + Wedge



## Finishes

Upholstery in fabric collections CAT A, B, C, D, E, F  
(check our application overview p. 62)  
Anodized aluminum frame

## Mounting

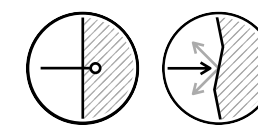
Wall-mounted  
Horizontal or vertical

## Light

LED light wall mounted  
Lumen output: 580 Lumen - 870 Lumen  
Available for EU and US  
Different models can be electrically connected by use of distance holders.

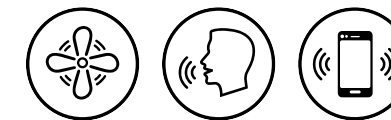
## Acoustics

### Acoustic Principles



Absorption Diffusion

### Acoustic Performance



Low Tones Mid Tones High Tones

## How to order

Model  
Fabric (CAT > collection > color)



# BuzziChandelier

— by Sas Adriaenssens

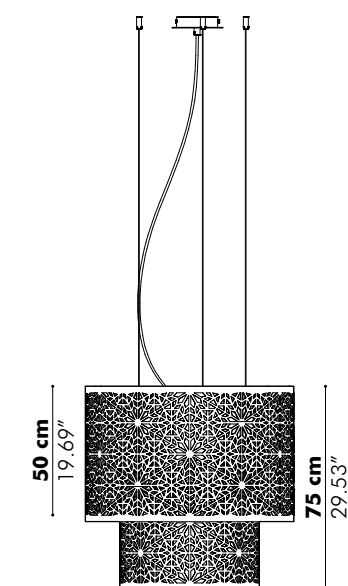
## An eye-catching lighting solution

Make a statement with your lighting by opting for the BuzziChandelier. A contemporary take on the classic chandelier. The perfect way to add atmosphere to your room with artful shadows and softened sounds. BuzziChandelier is an ideal design statement and acoustical solution for offices, restaurants, hotels, institutions, residences and more.

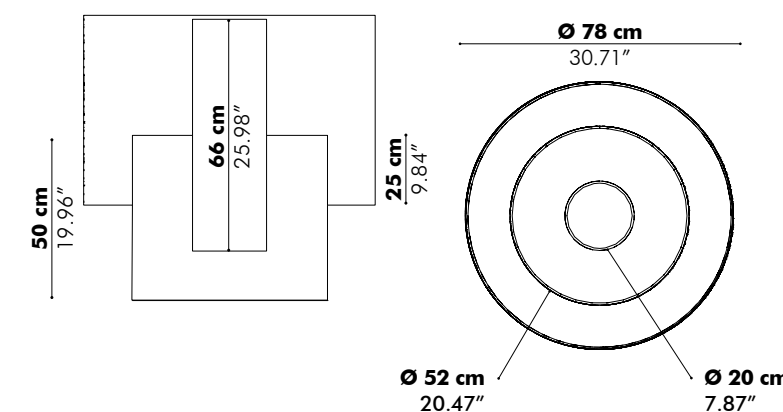
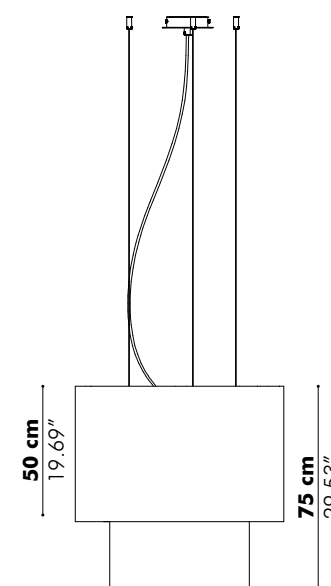


## Dimensions

Chandelier



Chandelier Plain

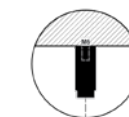


## Finishes

Metal frame in black (RAL 9005)  
Shades in BuzziFelt or BuzziFelt printed (Gold, Carrara, Emperor)

## Mounting

Black metal ceiling canopy and black fabric power cable incl.



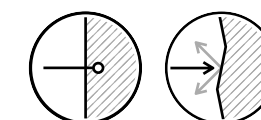
Ceiling Suspended  
Fixing System Screw with 3 cables of 2 m - 78.74" or 5 m - 196.85" (black or alu)

## Light

Input Voltage: 110 - 240V  
4 pin CFL Bulb with 2G11 base included 55W (EU-CE certified)  
Bulb excluded (US-cULus listed)

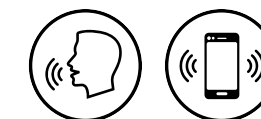
## Acoustics

Acoustic Principles



Absorption Diffusion

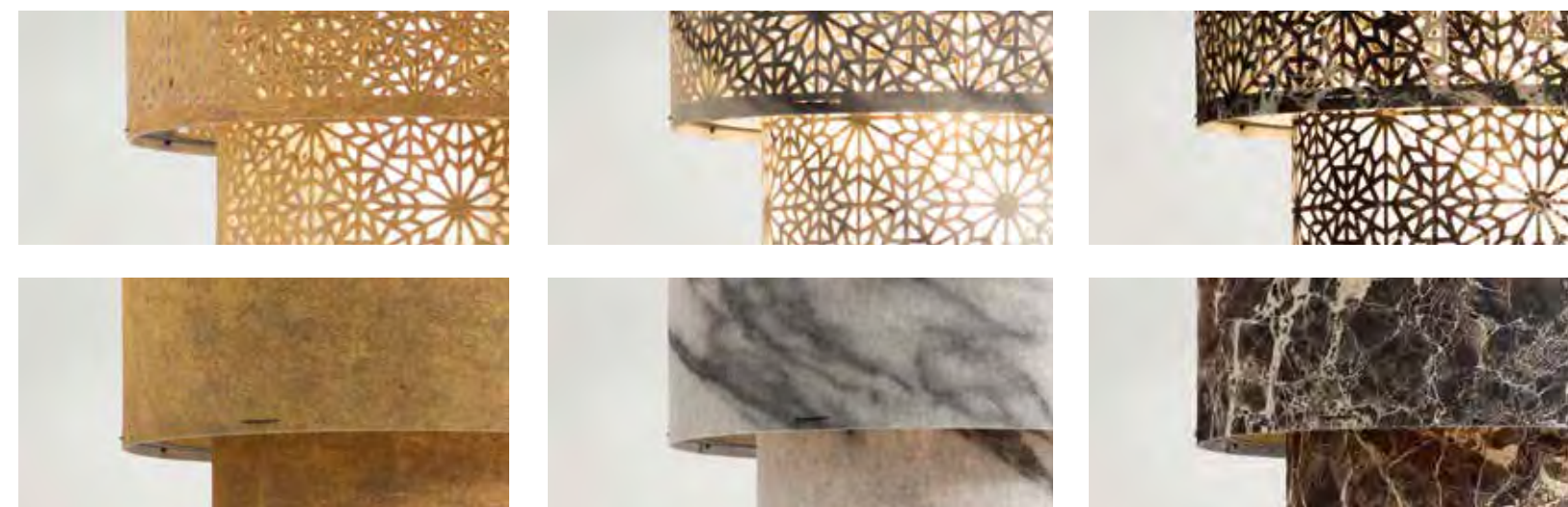
Acoustic Performance



Mid Tones High Tones

## How to order

Model  
BuzziFelt finish  
Mounting option





# BuzziDome

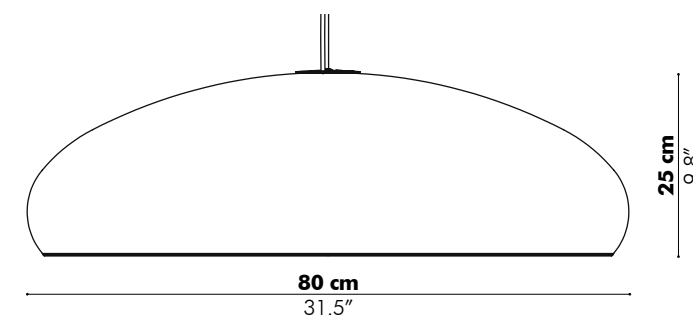
— by BuzziSpace Studio

## Temple of silence

BuzziDome is a modern acoustic light distinct for its refined dome shape. BuzziDome's concave design, coupled with its acoustic foam element, acts as an excellent diffuser and absorber of sound. Therefore, BuzziDome provides exceptional acoustic treatment for open-plan settings. A recessed LED light source, paired with its tailored design, accentuates the pendant's meticulous craftsmanship while also emitting a warm, functional light. BuzziDome accommodates the demand for both sound absorption and light, being the perfect fit for open-plan workplaces, hospitality settings, and break-out areas. Pick yours from a wide range of colorful upholstery options. It will definitely complement the aesthetic scheme of your interior.



## Dimensions

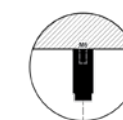


## Finishes

Acoustic foam upholstered element with integrated LED disk.  
Fabric collections CAT A, B, C, D and E  
(check our application overview p. 62)

## Mounting

White metal ceiling canopy and transparent power cable incl.



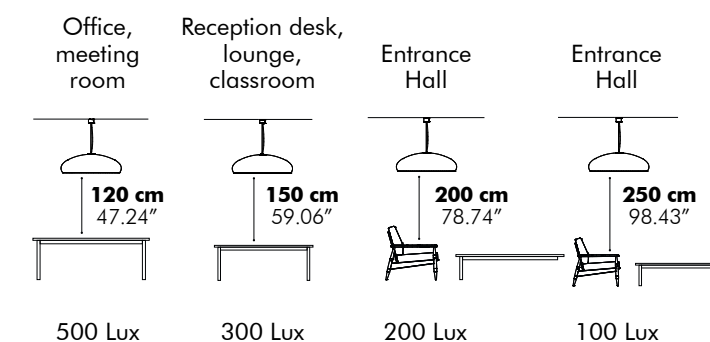
Ceiling Suspended Straight  
Fixing System Screw with 3 cables of 2 m - 78.74" or 4 m - 196.85" (black or alu)

## Light

Input Voltage: 110 - 240V  
Input Frequency: 50/60Hz  
Lumen Output: 2545 lumen  
Color Temperature: 3000K  
Color Rendering Index: 90  
1-10V dimmable  
CE/CB certified / cULus listed

## Lux levels

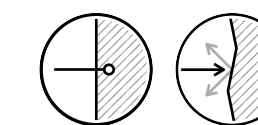
To enlight your workplace or room with optimal lux levels take following measures into account.



\* According to EN12464

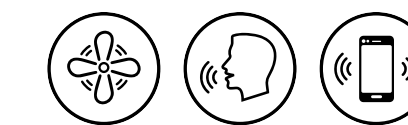
## Acoustics

### Acoustic Principles



Absorption Diffusion

### Acoustic Performance



Low Tones Mid Tones High tones

## How to order

Fabric (CAT > collection > color)  
Mounting option





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# BuzziHat

— by Alain Gilles

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## Say goodbye to noisy environments with BuzziHat

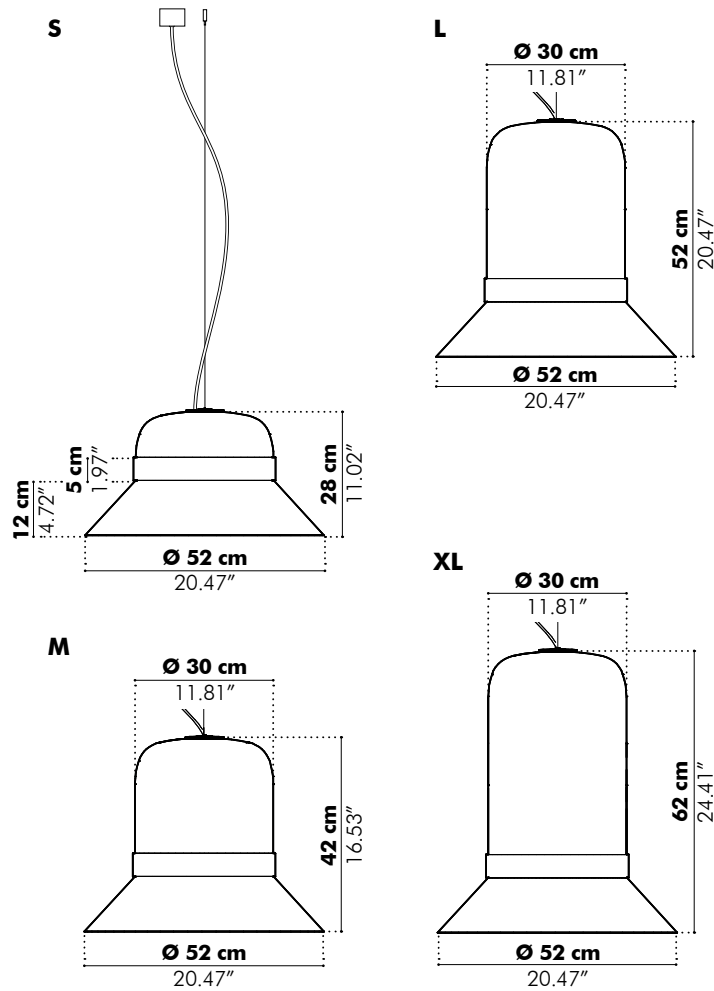
A decorative and highly recognizable hat-shaped pendant light with excellent sound absorption capabilities. Its unique design, combining an upholstered part with a metal shade is bound to steal the attention in any space. The upholstered foam body is available in a wide palette of color and fabric combinations, while the metal shade and ring come in 4 finishes (black, white, beige red and gold). Mix colors of your choosing and match the fabric of BuzziHat with the color of your furniture to create an impeccable setting. BuzziHat is available in different sizes to fit different sonic environments which makes it the ultimate acoustic lighting for any office, lobby or restaurant that needs acoustic absorption treatment combined with high-quality lighting.

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## Models

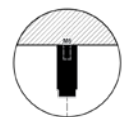


## Finishes

Metal Shade and decorative ring in black (RAL 9005), white (RAL 9010), beige red (RAL 3012) or gold  
 Upholstery in fabric collections CAT A, B, C, D, E, F  
 (check our application overview p. 62)

## Mounting

White metal ceiling canopy and transparent power cable incl.



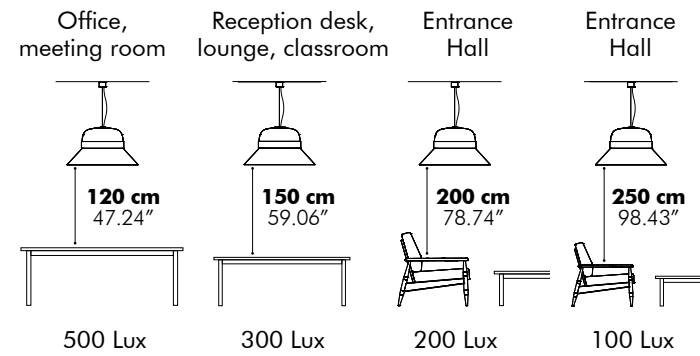
Ceiling Suspended.  
 Fixing System Screw with 1 cable of 2 m - 78.74"  
 or 4 m - 157.48" (black or alu)

## Light

Input Voltage: 110 - 240V  
 Input Frequency: 50/60Hz  
 Lumen Output: 2000 lumen  
 Color Temperature: 3000K  
 Color Rendering Index: 90  
 1-10V dimmable  
 CE/CB certified / cULus listed

## Lux levels

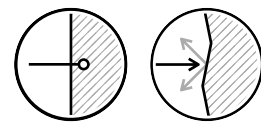
To enlight your workplace or room with optimal lux levels take following measures into account.



\* According to EN12464

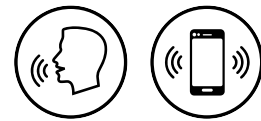
## Acoustics

### Acoustic Principles



Absorption Diffusion

### Acoustic Performance



Mid Tones High Tones

## How to order

Model  
 Fabric (CAT > collection > color)  
 Color metal shade  
 Color decorative ring  
 Mounting option



# BuzziJet

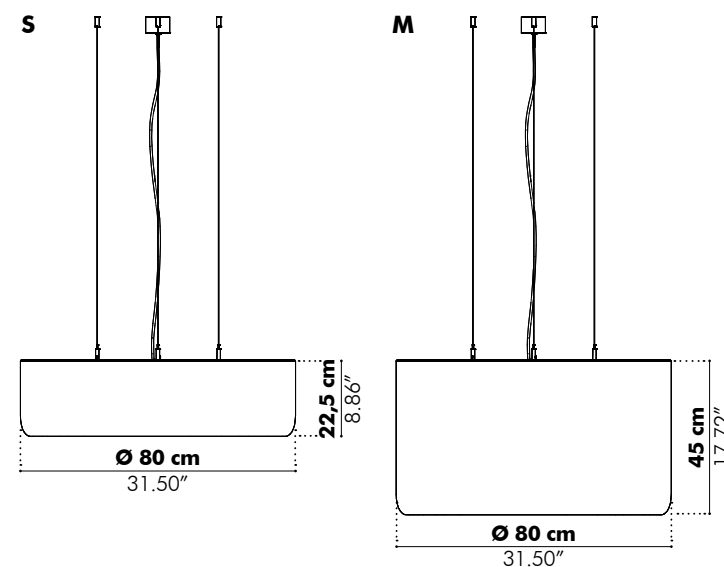
— by BuzziSpace Studio

## Powerful acoustic circle of light

Form follows function with BuzziJet, an intentionally simple design based on the principles of geometric acoustics. Wide in diameter, this cylindrical design allows sound waves to bounce back-and-forth within the radius of its circular body, and in turn mitigates noise. BuzziJet is considerable in size, yet appears lightweight and airy thanks to its upholstered foam core. Its soft presence evokes a majestic sense of serenity. Concealed inside the body, a powerful light source emits warm, pleasant light.



## Dimensions

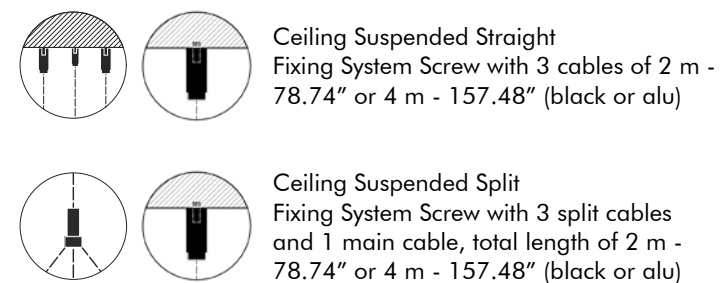


## Finishes

Metal frame in white (RAL 9010)  
Upholstery in fabric collections CAT A, B, C, D and E  
(check our application overview p. 62)

## Mounting

White metal ceiling canopy and transparent power cable incl.

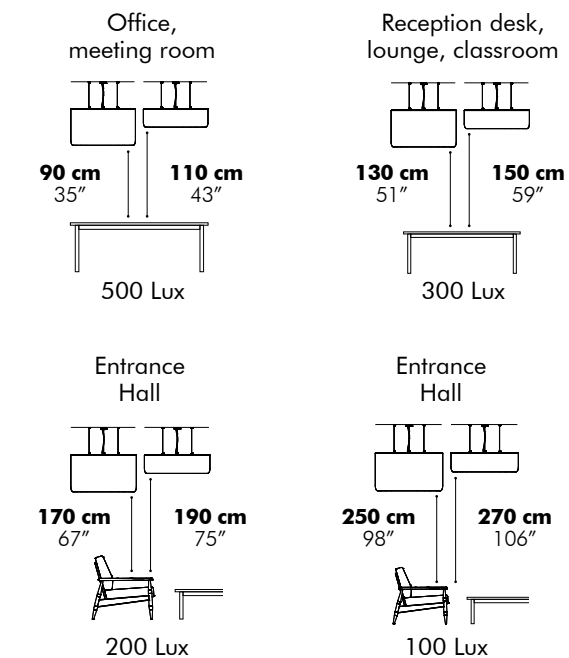


## Light

Input Voltage: 110 - 240V  
Input Frequency: 50/60Hz  
Lumen Output: 2545 lumen  
Color temperature: 3000K  
Color Rendering Index: 90  
1-10V dimmable  
CE/CB certified / cULus listed

## Lux levels

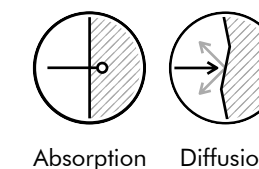
To enlight your workplace or room with optimal lux levels take following measures into account.



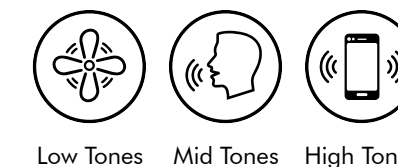
\* According to EN12464

## Acoustics

### Acoustic Principles



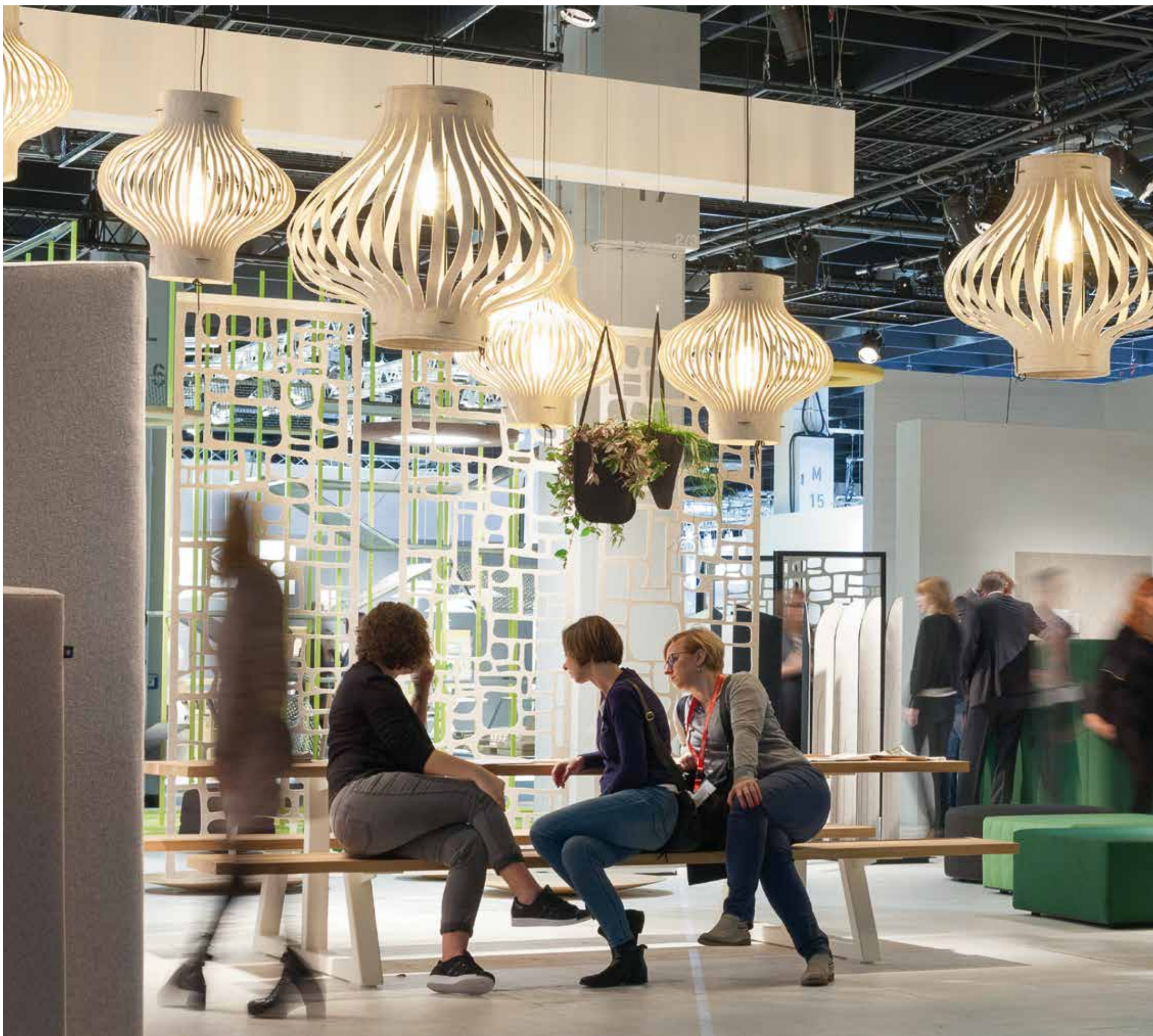
### Acoustic Performance



## How to order

Fabric (CAT > collection > color)  
Mounting option  
Size





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## BuzziLight Mono

— by Sas Adriaenssens

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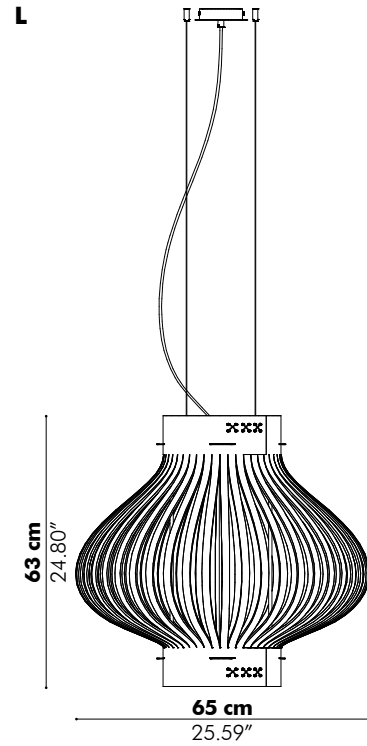
### Lighting fixture in BuzziFelt

BuzziLight Mono is a striking phenomenon. The strips of sound-absorbing felt are fixed around a steel structure, allowing this light object to take on different shapes. BuzziLight Mono makes a design statement with just one color of BuzziFelt.

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## Models

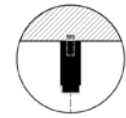


## Finishes

Metal frame always in black (RAL 9005)  
 One layer of BuzziFelt  
 Black or white lace  
 Black or white stitch or no stitch

## Mounting

Black metal ceiling canopy and black fabric power cable incl.



Ceiling Suspended  
 Fixing System Screw with 2 cables of 2 m - 78.74" or  
 5 m - 196.85" (black or alu)

## Light

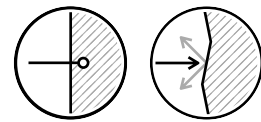
Excl. lightbulb  
 E27, max 60W (EU-CE/CB certified)  
 E26, max 100W (US-cULus listed)

## Options

LED bulb E27, 5W (EU)

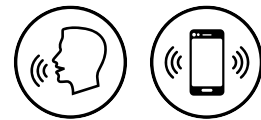
## Acoustics

### Acoustic Principles



Absorption Diffusion

### Acoustic Performance



Mid Tones High Tones

## How to order

BuzziFelt color  
 Color lace  
 Stitch  
 Mounting option  
 Options

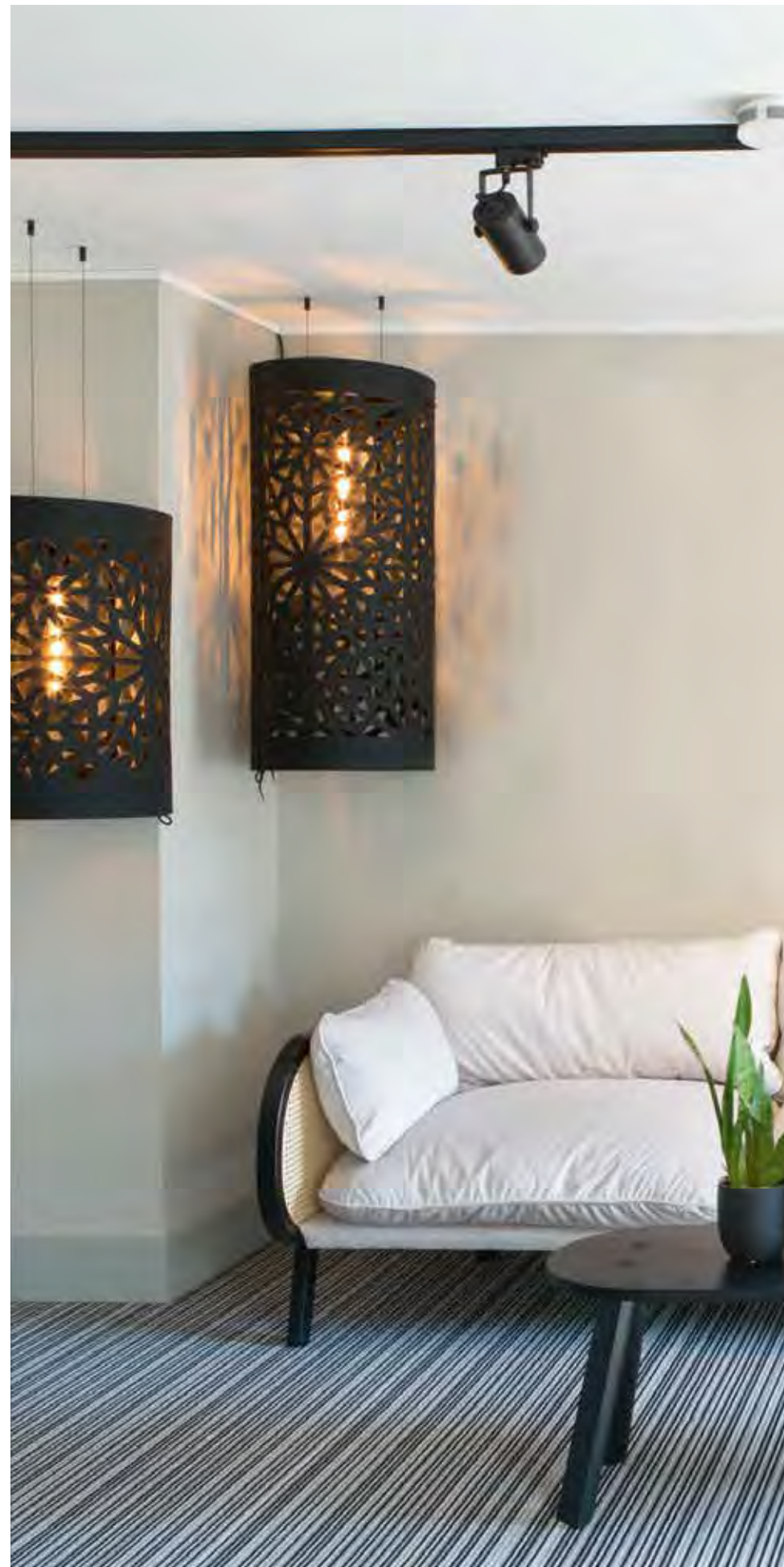


# BuzziLight Alhambra & Royal

— by Sas Adriaenssens

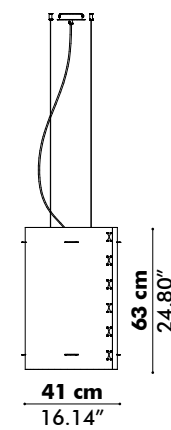
## Atmospheric lighting solution

The classic BuzziLight, which blends illumination and acoustics, is now available in Alhambra and Royal patterns from the award-winning BuzziFalls collection. Laser-cut felts make a dramatic statement with artful shadows and softened sounds. BuzziLight is an ideal design statement and acoustical solution for offices, restaurants, hotels, institutions, residences and more.

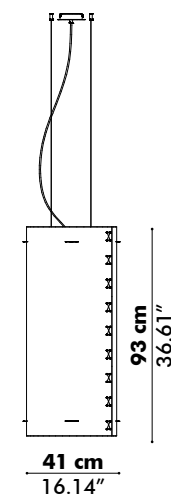


## Models

### XL Low



### XL High

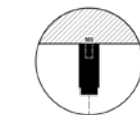


## Finishes

Metal frame always in black (RAL 9005)  
One layer of BuzziFelt  
Black or white lace  
Black or white stitch or no stitch

## Mounting

Black metal ceiling canopy and black fabric power cable incl.



Ceiling Suspended  
Fixing System Screw with 2 cables of 2 m - 78.74" or  
5 m - 196.85" (black or alu)

## Light

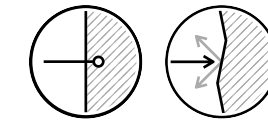
Input Voltage: 110 - 240V  
Excl. lightbulb  
E27, max 60W (EU-CE/CB certified)  
E26, max 100W (US-cULus listed)

## Options

LED bulb E27, 5W (EU)

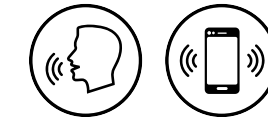
## Acoustics

### Acoustic Principles



Absorption Diffusion

### Acoustic Performance



Mid Tones High Tones

## How to order

Size  
BuzziFelt color  
Color lace  
Stitch  
Mounting option  
Options





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## BuzziMoon

— by BuzziSpace Studio

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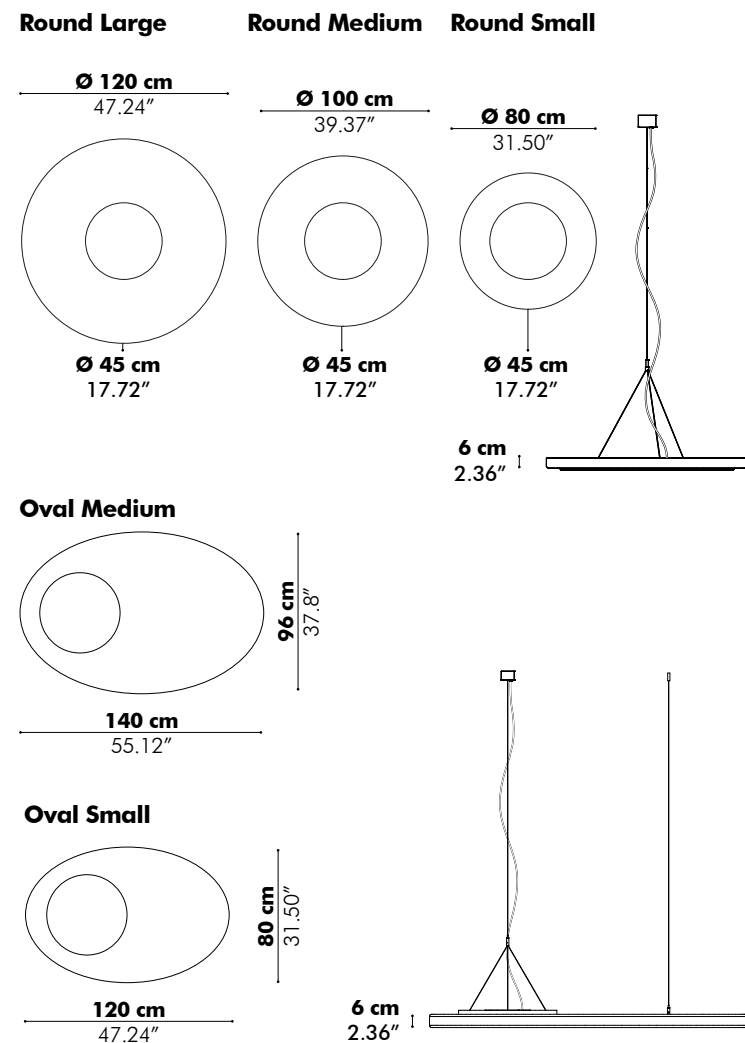
### Embedded light

BuzziMoon offers the best of both worlds: highly functional general lighting embedded in a proven acoustic ceiling solution. The LED light module is designed specifically to answer the request of general lighting in office space. BuzziMoon can be finished off in different fabrics and various 3D patterns. The LED module has an output of 2500 Lumen at a temperature of 3000K. The diffuser gives it a “full moon” lighting experience.

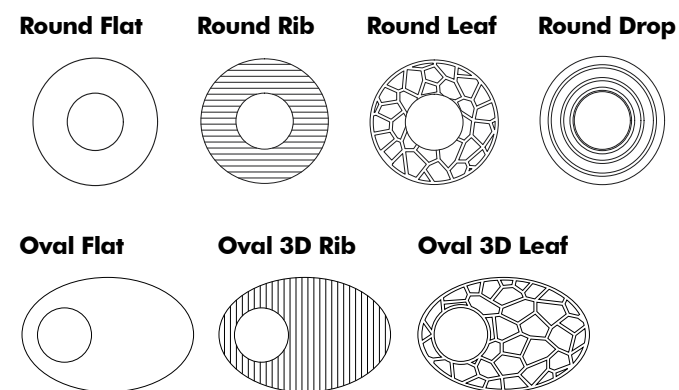
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## Dimensions

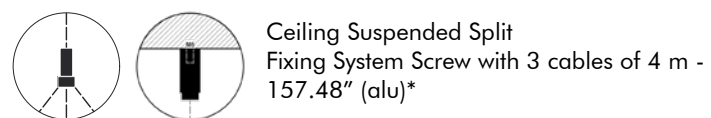


## Patterns



## Mounting

White metal ceiling canopy and transparent power cable.



\* Moon Oval with additional cable & Fixing System Screw.

## Finishes

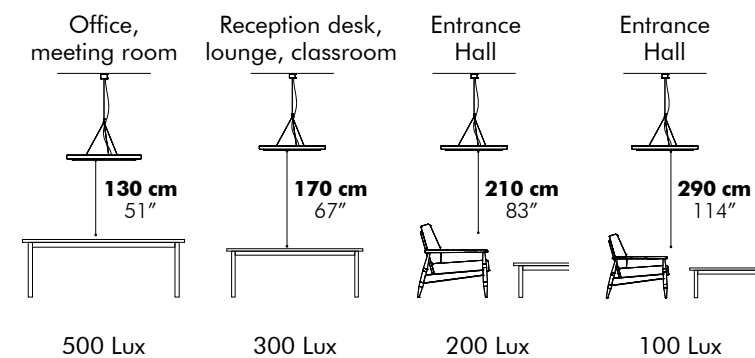
Upholstery in fabric collections CAT A, B, C, D, E (check our application overview p. 62)

## Light

Input Voltage: 110 - 240V  
 Input Frequency: 50/60Hz  
 Lumen Output: 2545 lumen  
 Color temperature: 3000K  
 Color Rendering Index: 90  
 1-10V dimmable  
 CE/CB certified / cULus listed

## Lux levels

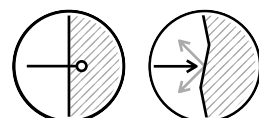
To enlighten your space with optimal lux level take following measures into account.



\* According to EN12464

## Acoustics

### Acoustic Principles



Absorption   Diffusion

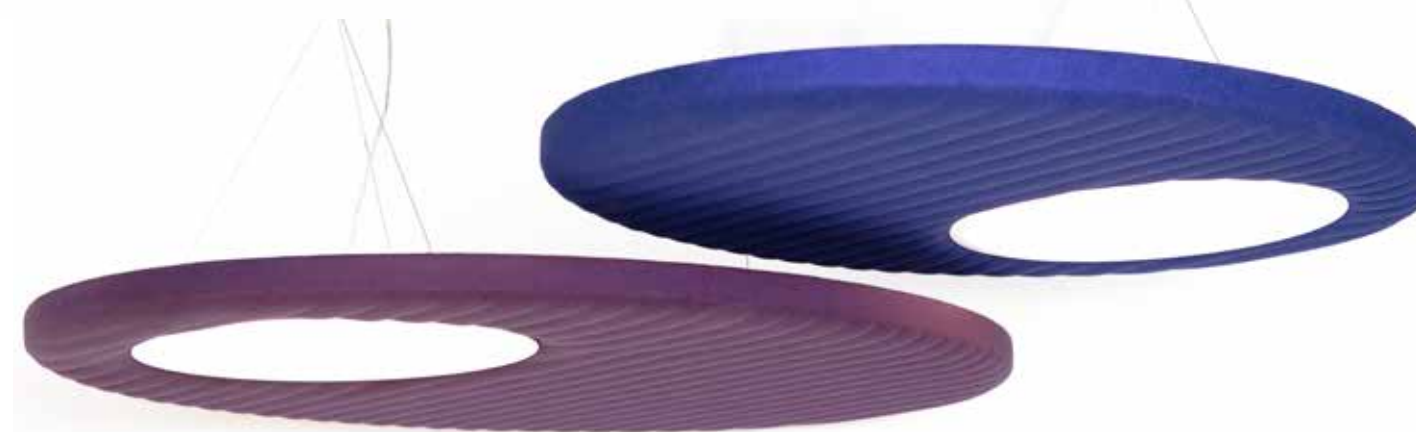
### Acoustic Performance



Mid Tones   High Tones

## How to order

Size  
 Pattern  
 Fabric (CAT > collection > color)  
 Mounting option



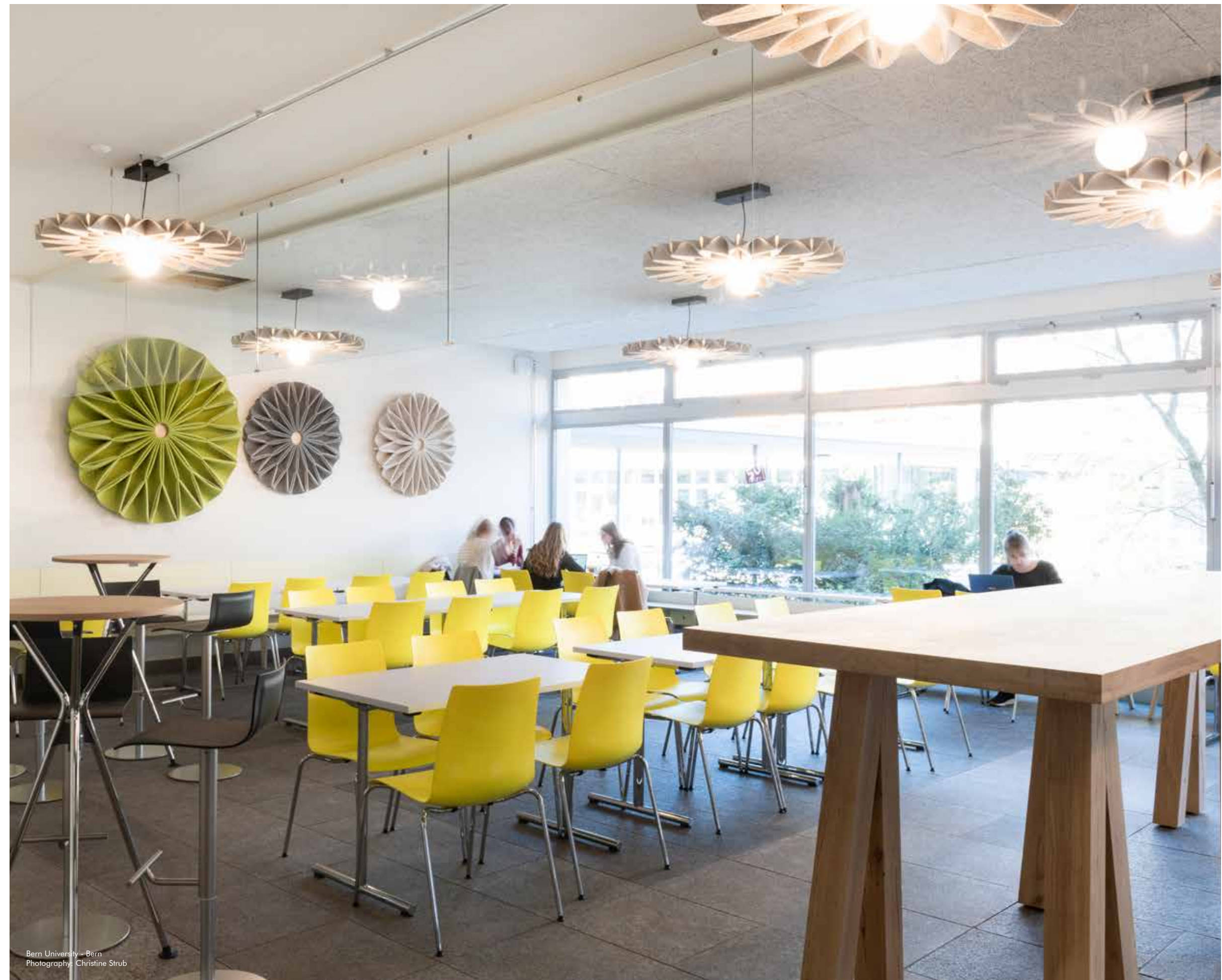


## BuzziPleat LED

— by 13&9 Design and BuzziSpace Studio

### **Sculptural pendant enfolds silence and light**

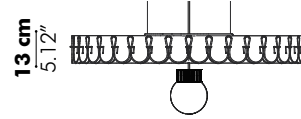
BuzziPleat, a dynamic series of acoustic solutions by 13&9, delivers sound control with architectural edge. Traditional fashion design techniques, like smocking and pleating, are reinterpreted with sound-absorbing BuzziFelt to create large architectural folds, which maximize surface to deliver exceptional acoustic performance. The suspended BuzziPleat LED configuration marries sound control and illumination. It is equipped with BuzziSol, a powerful LED light source. The dimmable warm light gives BuzziPleat an even greater sense of depth.



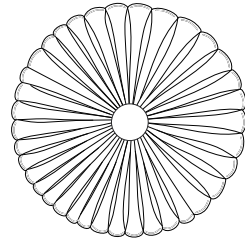


## Dimensions

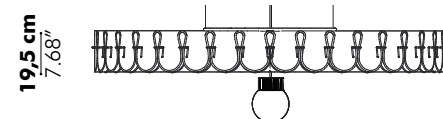
### Ripple M



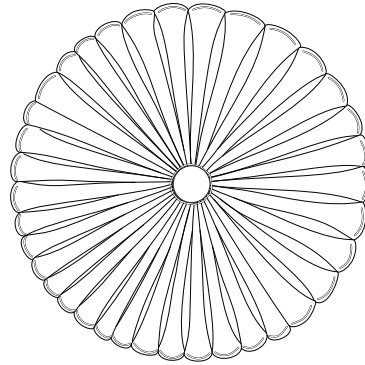
Ø 100 cm  
39.37"



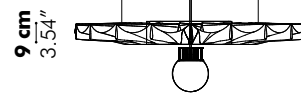
### Ripple L



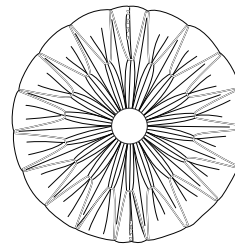
Ø 150 cm  
59.06"



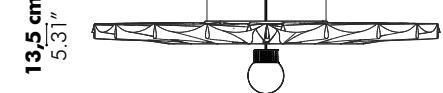
### Edel M



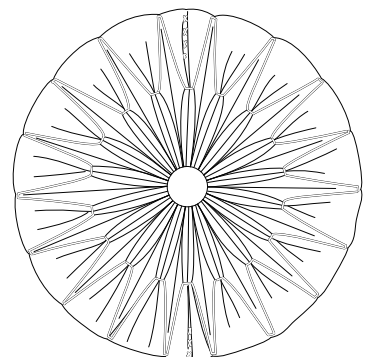
Ø 100 cm  
39.37"



### Edel L



Ø 150 cm  
59.06"

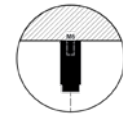


## Finishes

Pleat in BuzziFelt: OffWhite, StoneGrey, Lime, Anthracite  
Lace in OffWhite or Black  
LED Light source with powder coated metal heatsink in black (RAL 9005)  
Frosted glass globe

## Mounting

Black metal ceiling canopy and black fabric power cable incl.



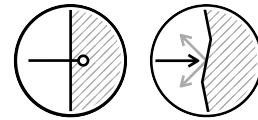
Ceiling Suspended.  
Fixing System Screw with 3 cables of 2 m - 78.74" or 5 m - 196.85" (black or alu)

## Light

Input voltage 110-240V  
Input freq: 50/60 Hz  
Lumen Output: 1500 lumen  
Color Temperature: 3000K  
Color Rendering Index: 90  
1-10V Dimmable  
LED Light source CE/CB certified / cULus listed

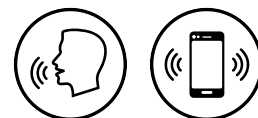
## Acoustics

### Acoustic Principles



Absorption Diffusion

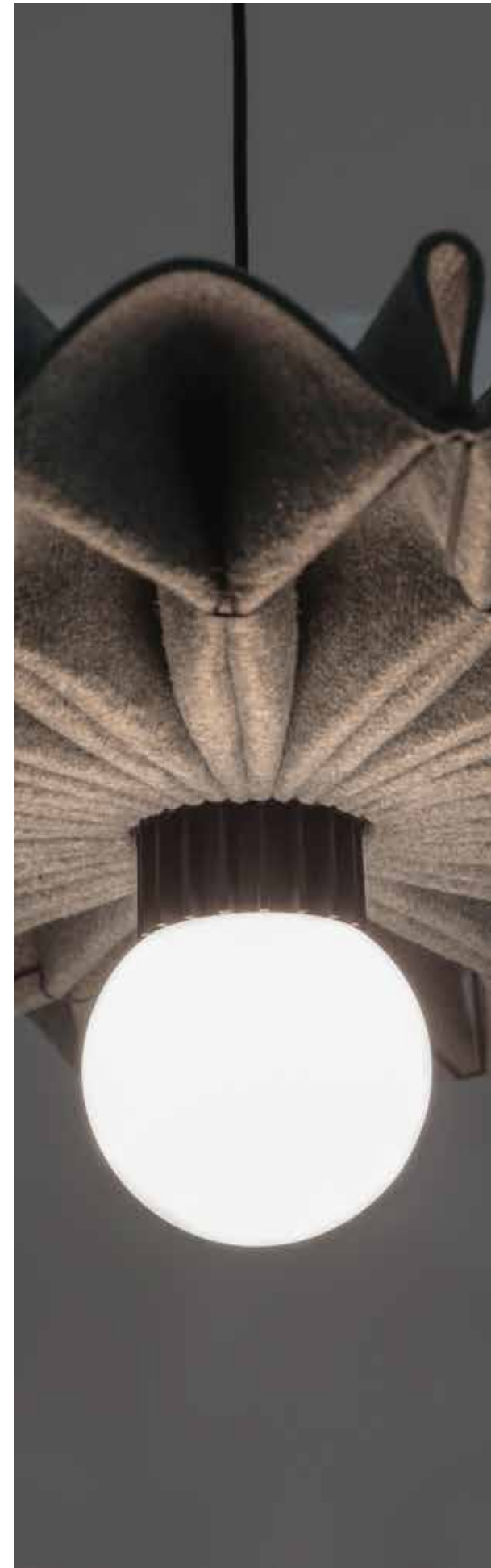
### Acoustic Performance



Mid Tones High Tones

## How to order

Size  
Model  
Color lace  
Mounting option





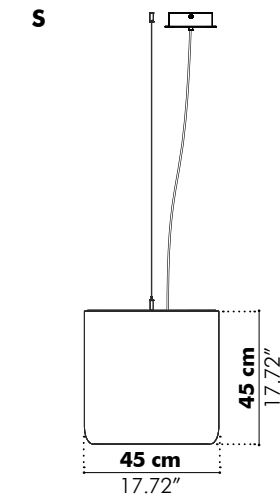
## BuzziProp LED

— by BuzziSpace Studio

### Aerodynamic noise regulating light

Reminiscent of the tubular shape of a propeller, BuzziProp is an aerodynamic design with sound absorbent capabilities. With its minimal design, BuzziProp allows your mind to travel to an uninterrupted and balanced space, for improved concentration, productivity and focus at work.

### Dimensions

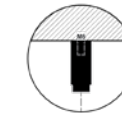


### Finishes

Metal frame in black (RAL 9005)  
 Upholstery in fabric collections CAT A, B, C, D and E  
 (check our application overview p. 62)  
 Frosted glass globe with metal heatsink in black (RAL 9005)

### Mounting

Black metal ceiling canopy and black fabric power cable incl.



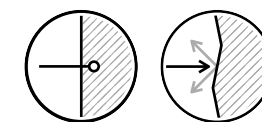
Ceiling Suspended  
 Fixing System Screw with 1 cable of 2 m - 78.74" or  
 5 m - 196.85" (black or alu)

### Light

Input Voltage: 110 - 240V  
 Input Frequency: 50/60Hz  
 Lumen Output: 1500 lumen  
 Color Temperature: 3000K  
 Color Rendering Index: 90  
 1-10V dimmable  
 CE/CB certified / cULus listed

### Acoustics

#### Acoustic Principles



Absorption Diffusion

#### Acoustic Performance



Low Tones Mid Tones High Tones

### How to order

Fabric (CAT > collection > color)  
 Mounting option



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# BuzziShade

— by BuzziSpace Studio and Stal Collectief

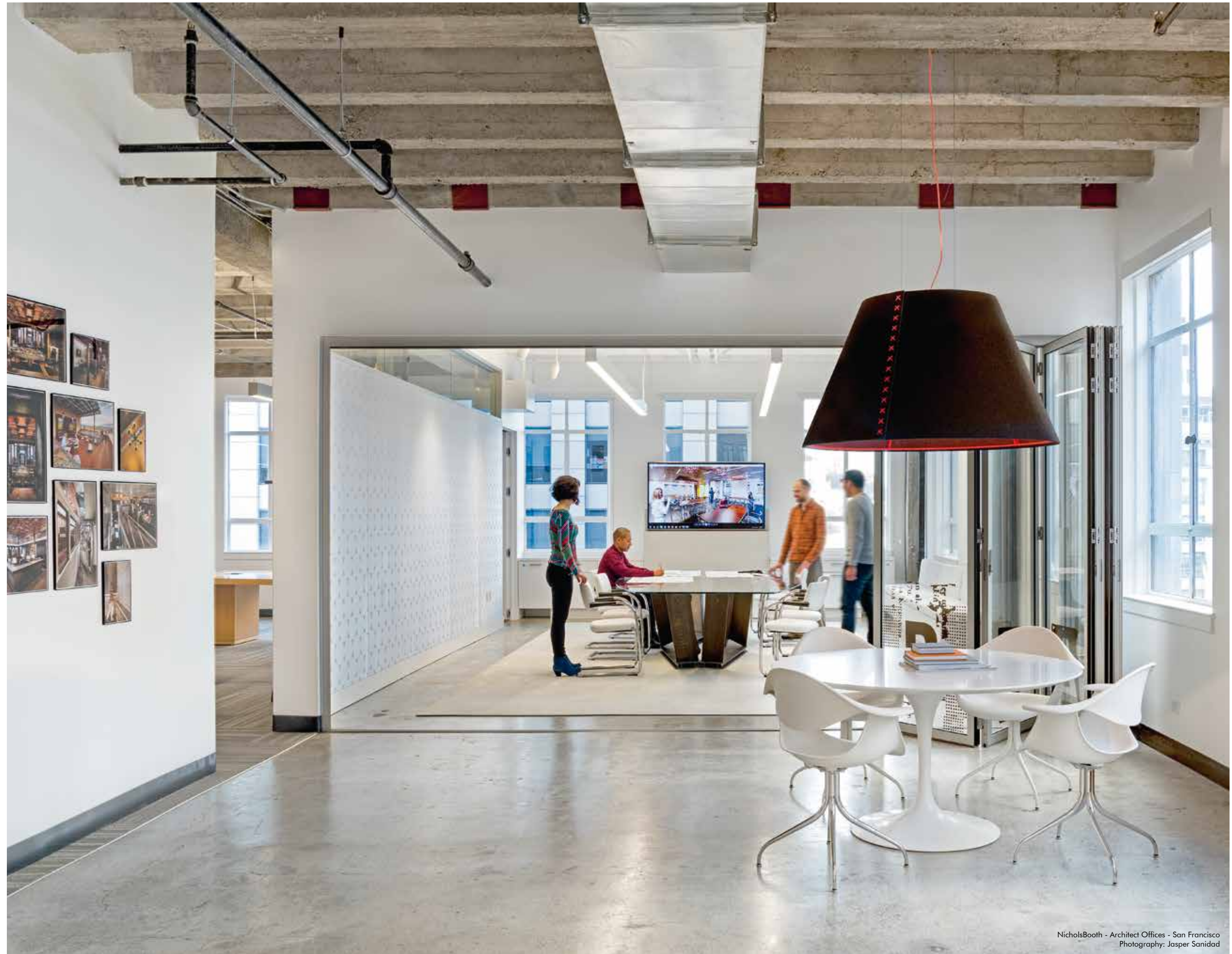
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## Lighting fixture in BuzziFelt

The BuzziShade design prevents eavesdroppers from hearing your private conversations and reduces external noise levels to a minimum. BuzziShade is extremely versatile.

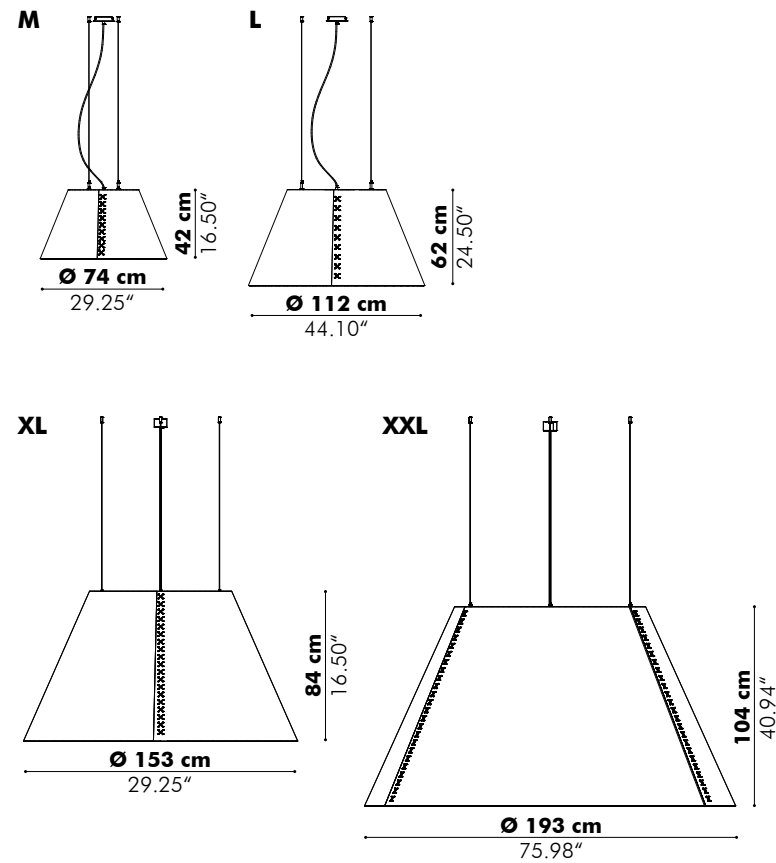
A fantastic addition to any office, waiting room or restaurant, BuzziShade is designed with large-scale settings in mind. Be creative by adding a layer of colorful fabric to the BuzziFelt shades.

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## Models



## Finishes

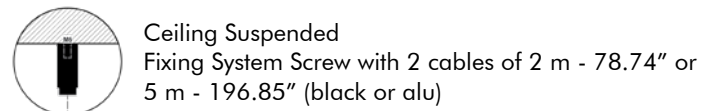
Shade in one layer of BuzziFelt  
 Extra layer in fabric collections CAT A, B, C possible inside or outside  
 (check our application overview p. 62)

**M/L:** Frame in white (RAL 9010), black (RAL 9005),  
 fluo orange (RAL 2005) or uncoated aluminium  
 Color lace in black, white or fluorescent orange

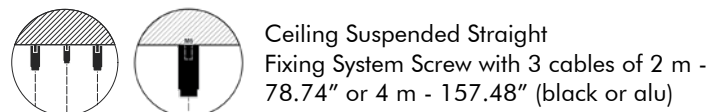
**XL/XXL:** Frame in white (RAL 9010), black (RAL 9005),  
 or uncoated aluminium  
 Color lace in black or white

## Mounting

**M/L**

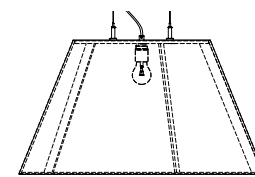


**XL/XXL**



## Light

**Retrofit**



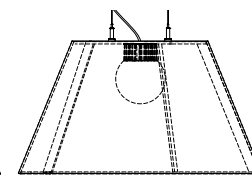
Available for M, L

Excl. lightbulb  
 E27, max 60W (EU)  
 E26, max 100W (US)

Black or white metal  
 ceiling canopy  
 Fabric power cable in  
 black, red or orange  
 (CE only)

CE/CB certified /  
 cULus listed

**LED Globe**



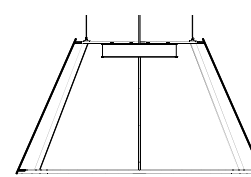
Available for M, L

Input Voltage:  
 110 - 240V  
 Input Frequency:  
 50/60Hz  
 Lumen Output:  
 1500 lumen  
 Color Temperature:  
 3000K  
 Color Rendering Index:  
 90  
 1-10V dimmable

Black metal ceiling  
 canopy. Fabric power  
 cable in black

CE/CB certified /  
 cULus listed

**LED Disk**



Available for XL, XXL

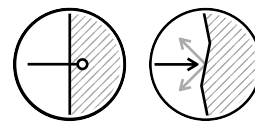
Input Voltage:  
 110 - 240V  
 Input Frequency:  
 50/60Hz  
 Lumen Output:  
 2545 lumen  
 Color Temperature:  
 3000K  
 Color Rendering Index:  
 90  
 1-10V dimmable

White metal ceiling  
 canopy. Transparant  
 cable

CE/CB certified /  
 cULus listed

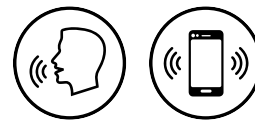
## Acoustics

**Acoustic Principles**



Absorption Diffusion

**Acoustic Performance**



Mid Tones High Tones

## How to order

- Size
- Color frame
- BuzziFelt color
- Option extra layer fabric (CAT > collection > color > inside or outside)
- Color lace
- Mounting option
- Light option
- Color power cable (retrofit)
- Color ceiling canopy (retrofit)





# BuzziShade Square

— by BuzziSpace Studio & Stal Collectief

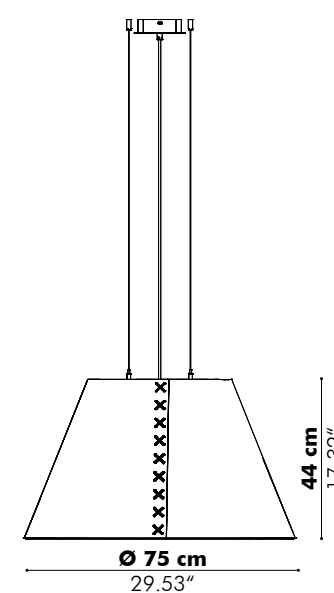
## Noise-reducing pendant lighting with a twist

Meet BuzziShade Square, with its unique personality. It combines a nicely finished metal frame, upholstered in BuzziFelt, with our signature lacing available in a wide range of colors. This meticulously crafted lighting fixture, with acoustic capabilities, reduces external noise level to a maximum while blending in with the interior. It is such a versatile modern lighting that means the perfect addition to any office, lobby area or restaurant. Be adventurous and hang several BuzziShade Square in a row for an even more distinctive setting and well-balanced space.



## Models

M

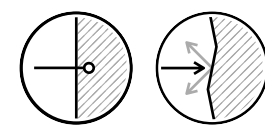


## Finishes

Metal frame in black (RAL 9005), white (RAL 9010), alu (RAL 9006) or fluorescent orange (RAL 2005)  
 Shade in one layer of BuzziFelt  
 Color lace in black, white or fluorescent orange

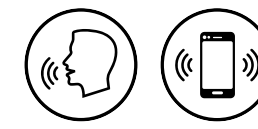
## Acoustics

### Acoustic Principles



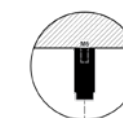
Absorption Diffusion

### Acoustic Performance



Mid Tones High Tones

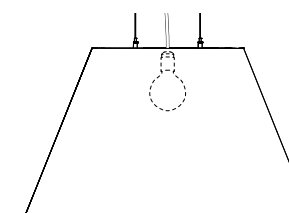
## Mounting



Ceiling Suspended  
 Fixing System Screw with 2 cables of 2 m - 78.74" or 5 m - 196.85" (black or alu)

## Light

### Retrofit

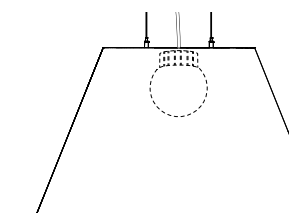


Excl. lightbulb  
 E27, max 60W  
 (EU-CE/CB certified)  
 E26, max 100W  
 (US-cULus listed)

Black or white metal ceiling canopy  
 Fabric power cable in black, red or fluorescent orange\* (CE only)

CE certified / cULus listed

### LED Globe



Input Voltage: 110 - 240V  
 Input Frequency: 50/60Hz  
 Lumen Output: 1500 lumen  
 Color Temperature: 3000K  
 Color Rendering Index: 90  
 1-10V dimmable

Black metal ceiling canopy  
 Fabric power cable in black

CE/CB certified / cULus listed

## How to order

Color frame  
 BuzziFelt color  
 Color lace  
 Mounting option  
 Light option  
 Color power cable (Retrofit)  
 Color ceiling canopy (Retrofit)





# BuzziShade Standing

— by BuzziSpace Studio and Stal Collectief

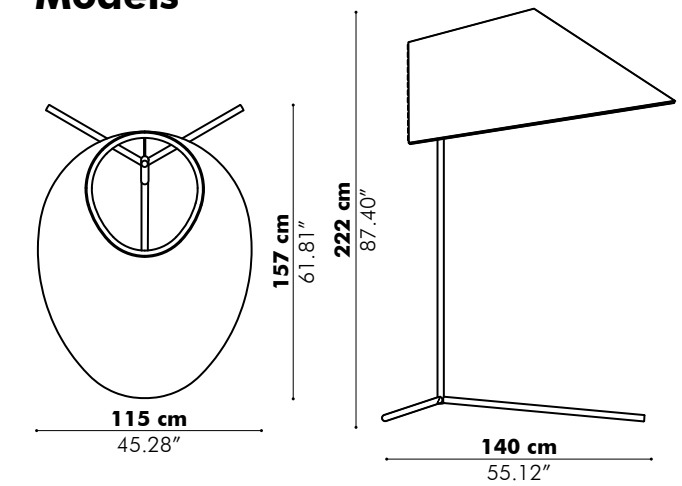
## Standing lighting element in BuzziFelt

BuzziShade Standing offers decorative lighting and reduces external noise levels to a minimum. BuzziShade is extremely versatile. The standing version is ideal to add in any waiting room, hotel lobby or even at home to create that perfect hideaway. BuzziShade is the culmination of an artistic collaboration between BuzziSpace and the four young Belgian furniture designers of Stal Collectief.



Residential home - Belgium  
Photography: Studio PSG

## Models



## Finishes

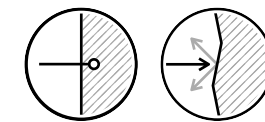
Metal frame in white (RAL 9010), black (RAL 9005) or fluo orange (RAL 2005)  
Power cable in black, red or orange (CE-only)  
Shade in one layer of BuzziFelt  
Color lace in black, white or fluorescent orange

## Light

Excl. lightbulb  
E27, max 60W (EU)  
E26, max 100W (US)

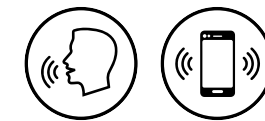
## Acoustics

### Acoustic Principles



Absorption Diffusion

### Acoustic Performance



Mid Tones High Tones

## How to order

Color frame  
BuzziFelt color  
Color lace  
Color power cable



# BuzziSol

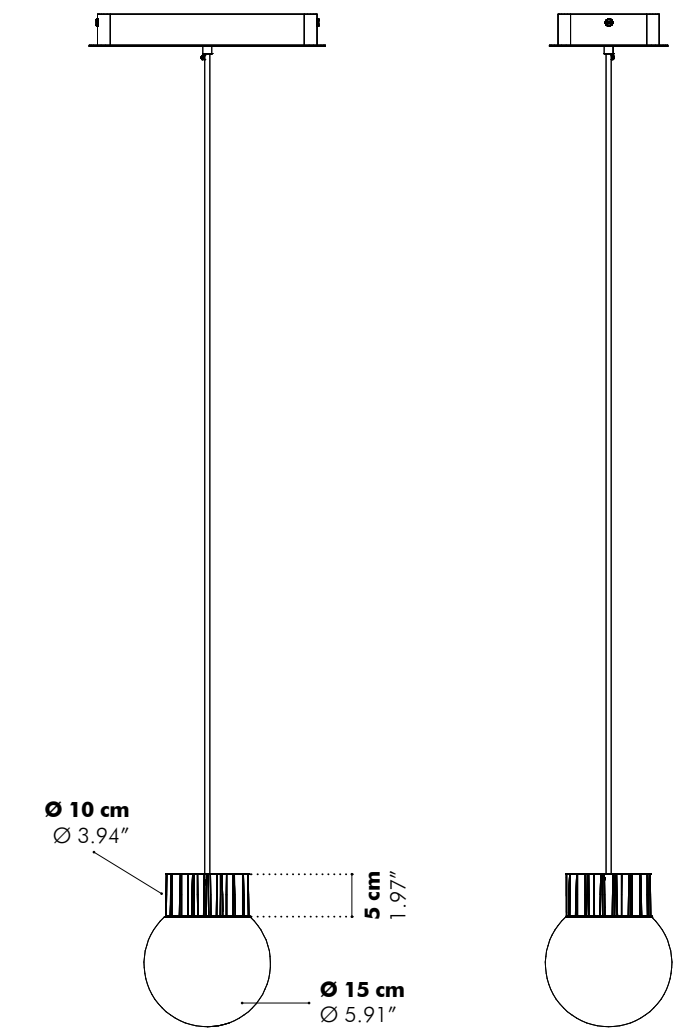
— by BuzziSpace Studio

## A sunny globe of light

A simple and versatile pendant light fixture from BuzziSpace. Designed to fit existing acoustic lighting solutions, such as BuzziPleat and BuzziShade, this frosted LED globe light hangs from a black powder coated metal heat sink for a modern twist that can also stand alone.



## Dimensions



## Finishes

Powder coated metal heatsink in black (RAL 9005)  
Black fabric power cable  
Frosted glass globe

## Mounting

Ceiling Suspended  
Black metal ceiling canopy and black fabric cable incl.

## Light

Input Voltage: 220 - 240V  
Input Frequency: 50/60Hz  
Lumen Output: 1500 lumen  
Color Temperature: 3000K  
Color Rendering Index: 90  
1-10V dimmable  
CE/CB certified / cULus listed

# BuzziZepp LED

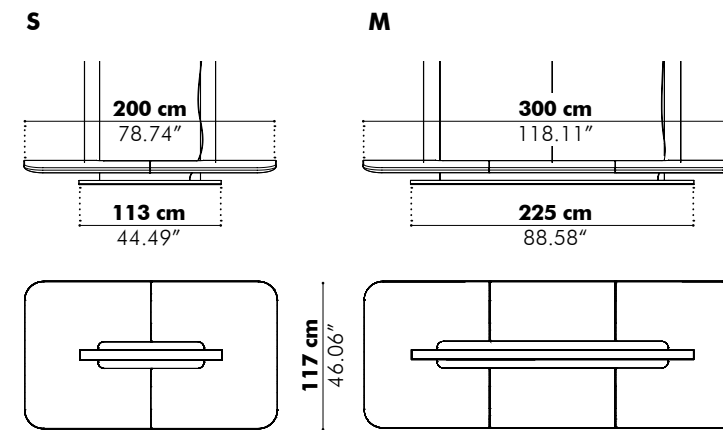
— by Alain Gilles and BuzziSpace Studio

## A suspended plane of light with sleek acoustic body

BuzziZepp is an impressive shield of light, offering acoustic control. The suspended design was conceived by designer Alain Gilles as an “imaginary island” to visually delineate and bring a sense of tranquility to large open spaces. With its striking linear design, BuzziZepp hovers from above to define zones without obstruction, establishing a more intimate, quiet and purposeful sense of space—no vertical partitions or walls needed! The slim framework is made of upholstered acoustic panels, engineered to absorb sound and reduce echo. The streamlined design is outfitted with dimmable LED lines, which can be adjusted for various situations. Dim the lights to set a more relaxed tone at your next meeting, or brighten your workstation to focus on the task at hand.



## Models

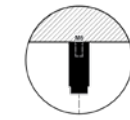


## Finishes

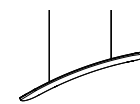
Upholstery in fabric collections CAT A, B, C, D, E, F (check our application overview p. 62)  
Black LED Line

## Mounting

Black metal ceiling canopy and transparent power cable incl.



Ceiling Suspended  
Fixing System Screw with 6 or 8 cables of 2 m - 78.74" or 5 m - 196.85" (black or alu)



The acoustic panel can be mounted straight or slanted, with a maximum angle of 20° to create a more secluded setting.

## Light

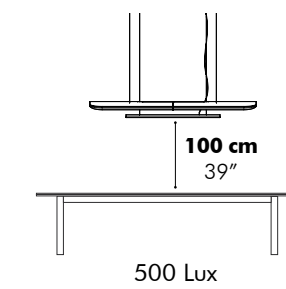
Input Voltage: 110 - 240V  
Input Frequency: 50/60Hz  
Lumen Output small: 2300 lumen  
Lumen Output medium: 4600 lumen  
Color Temperature: 3000K  
Color Rendering Index: 90  
1-10V dimmable  
CE/CB certified / cULus listed

## Lux levels

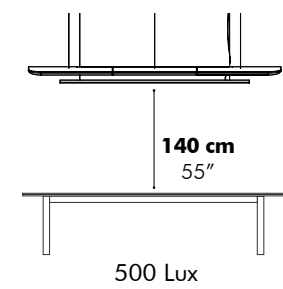
To enlighten your space with optimal lux level take following measures into account.

Office, meeting room

### LED Line Small



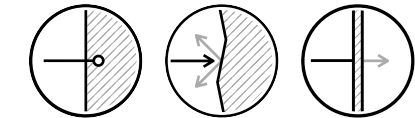
### LED Line Medium



\* According to EN12464

## Acoustics

### Acoustic Principles



Absorption   Diffusion   Attenuation

### Acoustic Performance



Low Tones   Mid Tones   High Tones

## How to order

Size  
Fabric (CAT > collection > color)  
Mounting option



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MATERIALS

**Felts & Fabrics**  
**Solid Materials**

060 - 080

081 - 083

# MATERIALS



# FELTS & FABRICS

## 062 - 063 Application Overview

**064 Felt**  
064 BuzziFelt

## 065 - 069 Category A

065 Fabric  
066 Rough  
067 Trevira CS+  
067 Trevira CS  
068 Revive 1  
069 Revive 2

## 070 - 074 Category B

070 Terra  
071 Clara 2  
072 Remix 2  
074 Velvet

**076 Category C**  
076 Hero

**077 Category D**  
077 Tonus 4

**078 Category E**  
078 Memory 2

**079 Category F**  
079 Matrix

**080 Leather**  
080 Vegetal  
080 Vintage





## APPLICATION OVERVIEW

### Felts & Fabrics

- Not possible  
 ✔ Possible

Product	Felt	Leather		CAT A					
		Vegetal	Vintage	Fabric	Rough	Trevira CS+	Trevira CS	Revive 1	Revive 2
	100% Recycl. P.E.T. Felt	100% Leather	100% Leather	75% Recycled Wool 25% Recycled Polyacryl	100% Polyacryl	100% Trevira	100% Trevira	100% Recycl. polyester FR	100% Recycl. polyester FR
<b>BuzziBell</b>	✔	○	○	○	○	○	○	○	○
<b>BuzziChandelier</b>	✔	○	○	○	○	○	○	○	○
<b>BuzziClique</b>	○	○	○	✔	✔	✔	✔	✔	✔
<b>BuzziDome</b>	○	○	○	✔	✔	✔	✔	✔	✔
<b>BuzziHat</b>	○	○	○	✔	✔	✔	✔	✔	✔
<b>BuzziJet</b>	○	○	○	✔	✔	✔	✔	✔	✔
<b>BuzziLight Mono</b>	✔	○	○	○	○	○	○	○	○
<b>BuzziLight Alhambra / Royal</b>	✔	○	○	○	○	○	○	○	○
<b>BuzziMoon</b>	○	○	○	✔	✔	✔	✔	✔	✔
<b>BuzziPleat LED</b>	✔	○	○	○	○	○	○	○	○
<b>BuzziProp LED</b>	○	○	○	✔	✔	✔	✔	✔	✔
<b>BuzziShade</b>	Pendant	✔	○	○	✔	○	○	○	○
	Standing	✔	○	○	○	○	○	○	○
	Square	✔	○	○	○	○	○	○	○
<b>BuzziZepp LED</b>	○	○	○	✔	○	✔	✔	✔	✔

Product	CAT B				CAT C		CAT D	CAT E	CAT F
	Terra	Clara 2	Remix 2	Velvet	Tartan	Hero	Tonus 4	Memory 2	Matrix
	100% Pure New Wool	92% New Wool worsted 8% Nylon	90% New Wool worsted 10% Nylon	100% polyester	100% Pure New Wool or 100% Lambswool	96% New Wool 4% Nylon	90% New Wool 10% Helanca	100% Trevira CS	100% Trevira CS
<b>BuzziBell</b>	○	○	○	○	○	○	○	○	○
<b>BuzziChandelier</b>	○	○	○	○	○	○	○	○	○
<b>BuzziClique</b>	✔	✔	✔	✔	○	✔	✔	✔	✔
<b>BuzziDome</b>	✔	✔	✔	○	○	✔	✔	✔	○
<b>BuzziHat</b>	✔	✔	✔	✔	○	✔	✔	✔	✔
<b>BuzziJet</b>	✔	✔	✔	○	○	✔	✔	✔	○
<b>BuzziKey Soft</b>	✔	✔	✔	✔	○	✔	✔	✔	✔
<b>BuzziLight Mono</b>	○	○	○	○	○	○	○	○	○
<b>BuzziLight Alhambra / Royal</b>	○	○	○	○	○	○	○	○	○
<b>BuzziMoon</b>	✔	✔	✔	○	○	✔	✔	✔	○
<b>BuzziPleat LED</b>	○	○	○	○	○	○	○	○	○
<b>BuzziProp LED</b>	✔	✔	✔	○	○	✔	✔	✔	○
<b>BuzziShade</b>	Pendant	✔	○	○	○	✔	○	○	○
	Standing	○	○	○	○	○	○	○	○
	Square	○	○	○	○	○	○	○	○
<b>BuzziZepp LED</b>	✔	✔	✔	✔	○	✔	✔	✔	✔

# FELT

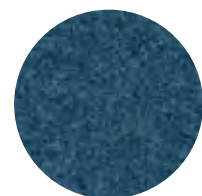
BUZZIFELT

## BuzziFelt

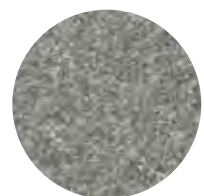


FE-Anthracite 68

**Composition** 100% Recycled PE.T. Felt, latex backing  
**Weight** 1.000 g/m<sup>2</sup> | 29.49 oz/yd<sup>2</sup>  
**Width** 170 cm | 66.93"  
**Thickness** 6 mm | 0.236"  
**Abrasion resistance** >7.000 Martindale  
**Flammability** EU: EN 13501.1 + A1/2009 Class B-s1,d0  
 USA: ASTM E84 Class A certified  
**Fastness to light** EU: 6-7 | USA 5 Vacuum clean regularly. Don't wash. Don't remove the BuzziFelt from the product. Treat spillages immediately. Professional dry clean or wipe clean with a pH neutral soap and a damp cloth.



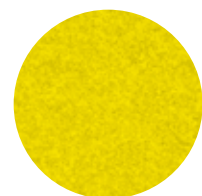
FE-Jeans 75



FE-StoneGrey 67



FE-LightBlue 60



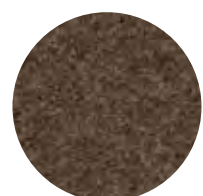
FE-Curry 61



FE-OffWhite 63



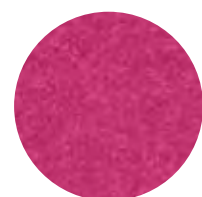
FE-Mokka 74



FE-EcoBrown 58



FE-Lime 64



FE-Pink 65

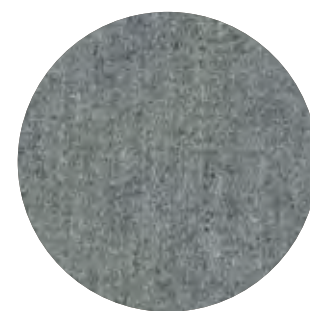


FE-Orange 66



FE-Red 59

## Fabric

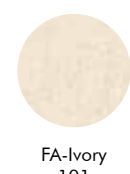


FA-LightGrey 1000

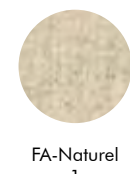
**Composition** 75% Recycled Wool, 25% Recycled Polyacryl,  
**Weight** 405 g/m<sup>2</sup> | 11.94 oz/yd<sup>2</sup>  
**Width** 148 cm | 58.27"  
**Thickness** 0,8 mm | 0.031 inch  
**Abrasion resistance** 40.000 Martindale, 50.000 Wyzenbeek  
**Flammability** EU: EN 1021.1/2006 | BS EN 1021.1/2006 (cigarette)  
 EN 1021.2/2006 | BS EN 1021.2/2006 (match)  
 USA: CAL TB 117 | ASTM E84 CLASS A  
**Fastness to light** EU: 4 | USA: 4  
**Fastness to rubbing** EU: Wet 3-4 | Dry 4-5  
**Fastness to crocking** USA: Wet 5 | Dry 5  
**Maintenance** Vacuum clean regularly. Don't wash. Don't remove the Fabric from the product. Treat spillages immediately. Professional dry clean or wipe clean with a pH neutral soap and a damp cloth.



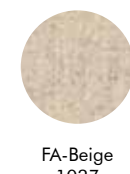
FA-Kiesel 7



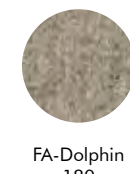
FA-Ivory 101



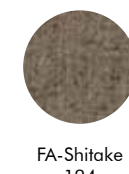
FA-Naturel 1



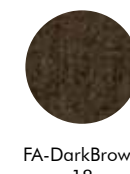
FA-Beige 1037



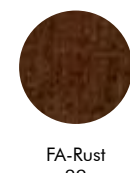
FA-Dolphin 180



FA-Shitake 124



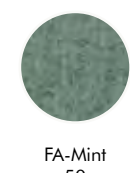
FA-DarkBrown 18



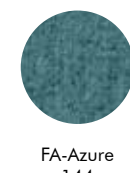
FA-Rust 29



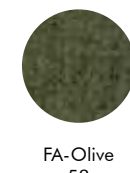
FA-Taupe 1008



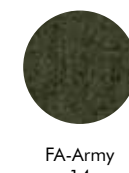
FA-Mint 50



FA-Azure 144



FA-Olive 53



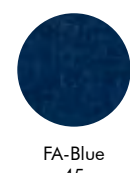
FA-Army 14



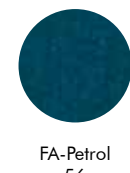
FA-Zwart 1003



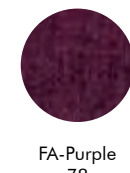
FA-MidGrey 1001



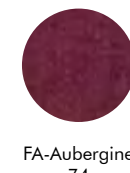
FA-Blue 45



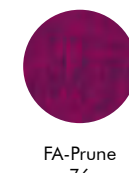
FA-Petrol 56



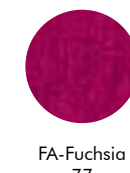
FA-Purple 78



FA-Aubergine 74



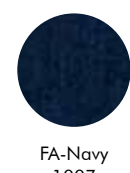
FA-Prune 76



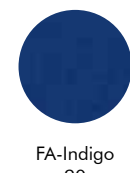
FA-Fuchsia 77



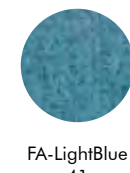
FA-Violet 72



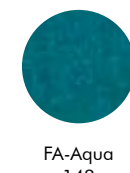
FA-Navy 1007



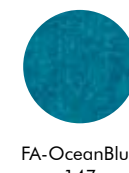
FA-Indigo 90



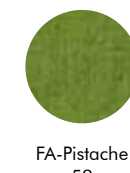
FA-LightBlue 41



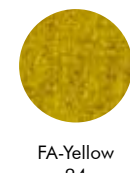
FA-Aqua 143



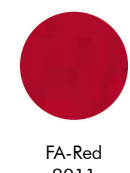
FA-OceanBlue 147



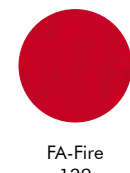
FA-Pistache 52



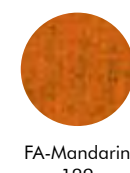
FA-Yellow 24



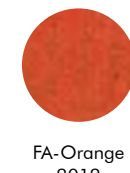
FA-Red 2011



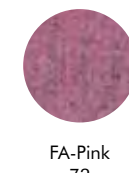
FA-Fire 139



FA-Mandarin 129



FA-Orange 2012



FA-Pink 73

# CAT A

FABRIC  
 ROUGH  
 TREVIRA CS+  
 TREVIRA CS  
 REVIVE 1  
 REVIVE 2

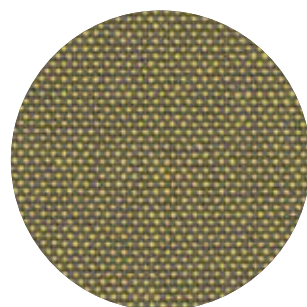
**Note** color deviation may occur.  
 Find the latest update of the material specifications and colors on our website: [www.buzzi.space](http://www.buzzi.space)



# CAT A

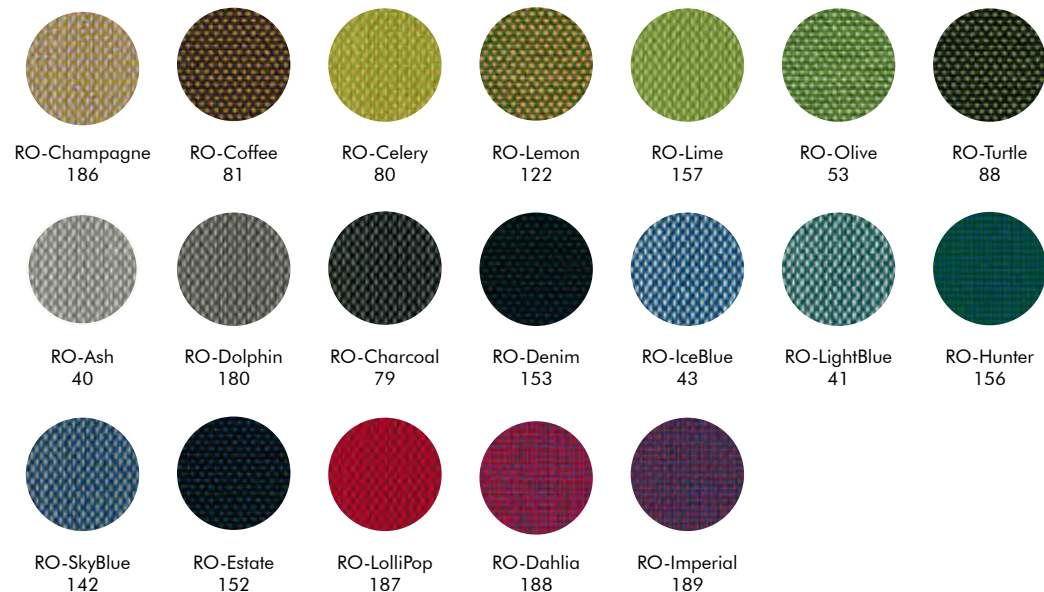
FABRIC  
ROUGH  
TREVIRA CS+  
TREVIRA CS  
REVIVE 1  
REVIVE 2

## Rough

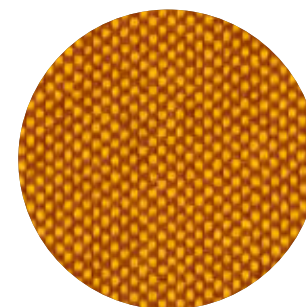


RO-Taffy  
185

**Composition** 100% Polyacryl  
**Weight** 456 g/m<sup>2</sup> | 13.45 oz/yd<sup>2</sup>  
**Width** 148 cm | 58.27"  
**Thickness** 1,2 mm | 0.047"  
**Abrasion resistance** 40.000 Martindale  
**Flammability** EU: EN 1021.1/2006 | BS EN 1021.1/2006 (cigarette)  
 US: CAL TB 117  
**Fastness to light** EU: 5  
**Fastness to rubbing** EU: Wet: 3 | Dry: 3  
**Maintenance** Vacuum clean regularly. Don't wash. Don't remove the Rough from the product. Treat spillages immediately. Professional dry clean or wipe clean with a pH neutral soap and a damp cloth.

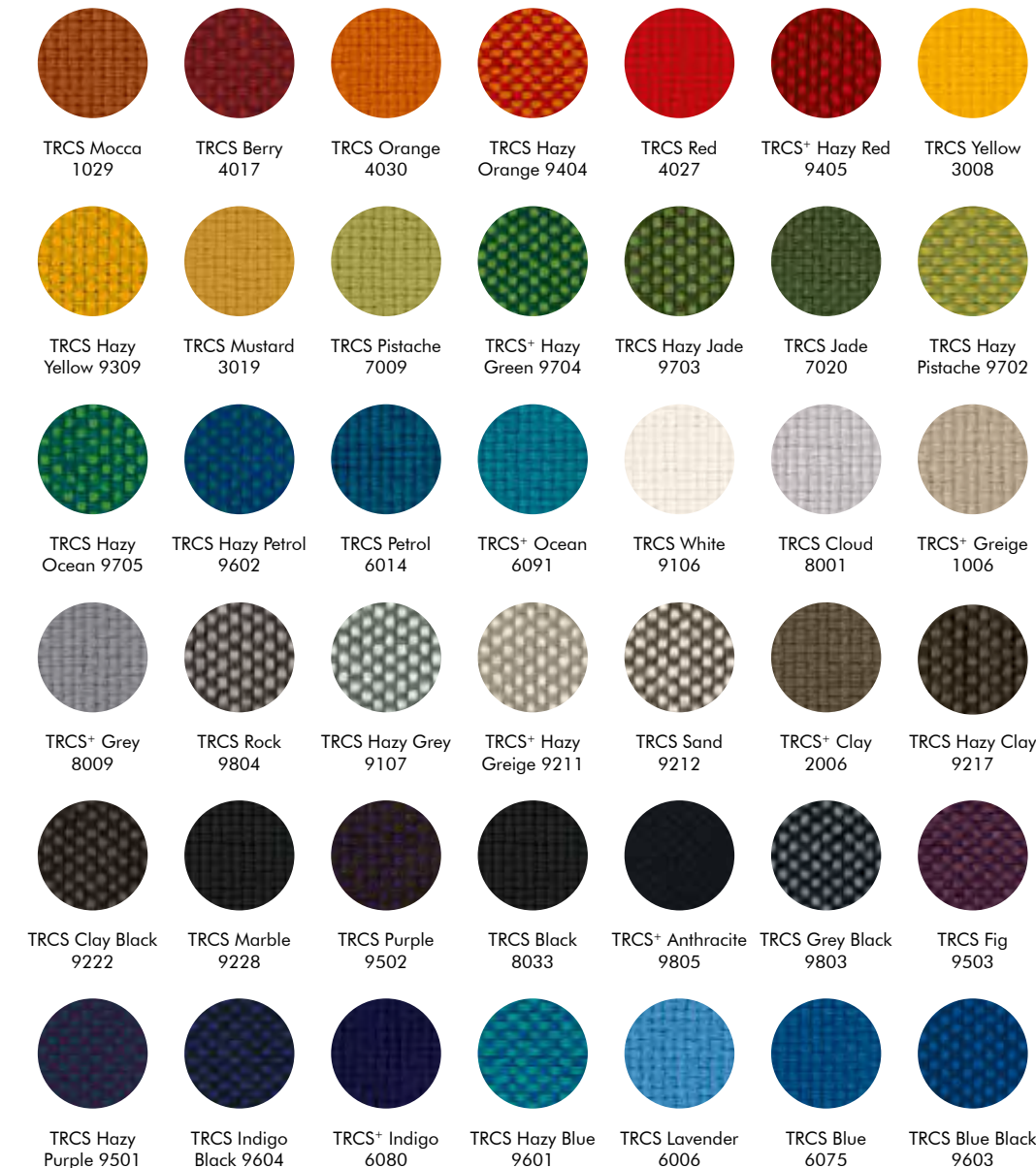


## Trevira CS+ | Trevira CS



TRCS+ Hazy Mocca 9302

**Composition** 100% Polyester, Trevira CS  
**Weight** 420 g/m<sup>2</sup> | 12.39 oz/yd<sup>2</sup>  
**Width** Trevira CS+ 150 cm | 59.06" - Trevira CS 140 cm | 55.12"  
**Abrasion resistance** 100.000 Martindale, 90.000 Wyzenbeek  
**Flammability** EU: BS 5852 part II: CRIB 5 | BS 7176 Medium Hazard  
 M1 | B1 | C1 | EN 1021/1-2 | IMO Res. A652 (16)  
 USA: CAL TB 117  
**Fastness to light** EU: 6 | USA: 5  
**Fastness to rubbing** EU: Wet 4-5 | Dry 4-5  
**Fastness to crocking** USA: Wet 5 | Dry 5  
**Match** Weight ±5% | Width ±2%  
**Maintenance** Vacuum clean regularly. Don't remove the Trevira CS+ | Trevira CS from the product. Treat spillages immediately. Professional dry clean or wipe clean with a pH neutral soap and a damp cloth.

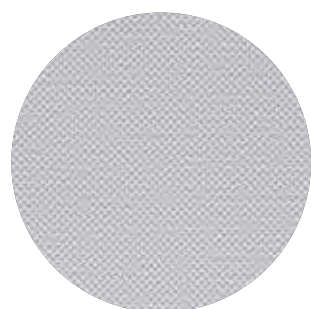


**Note** color deviation may occur.  
 Find the latest update of the material specifications and colors on our website: [www.buzzi.space](http://www.buzzi.space)

# CAT A

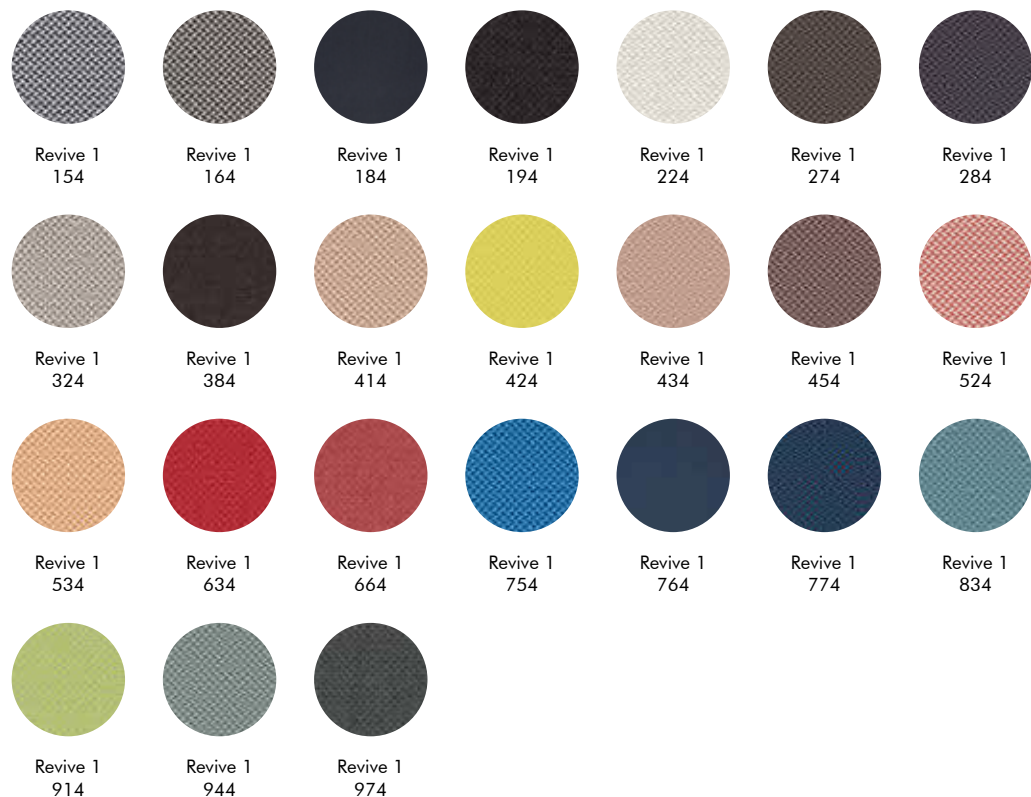
FABRIC  
ROUGH  
TREVIRA CS+  
TREVIRA CS  
REVIVE 1  
REVIVE 2

## Revive 1



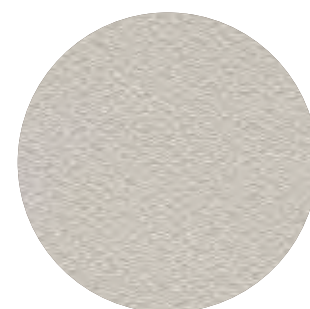
Revive 1  
144

**Composition** 100% recycled polyester FR  
**Weight** 430 g/lin.m  
**Width** 140 cm | 55.11"  
**Abrasion resistance** 60.000 Martindale rubs, EN ISO 12947  
**Flammability** EN 1021-1/2 | DIN 4102 B1 | Önorm B1/Q1  
 UNI 9175 1IM | US Cal. Tech. Bull. 117  
 IMO A.652 (16)  
**Fastness to light** Note 5-7, ISO 105-B02  
**Fastness to rubbing** (ISO) dry 5, wet 4-5  
**Pilling** Note 4-5, EN ISO 12945  
**Maintenance** Vacuuming and dry cleaning.  
 Washable at max. 60°C.  
 Drip drying.



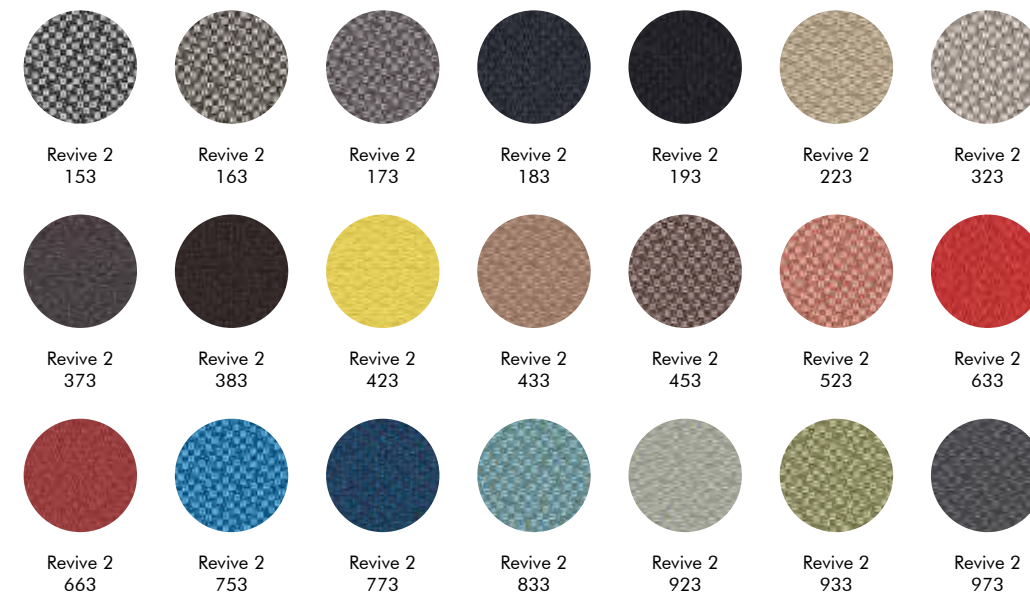
## kvadrat

## Revive 2



Revive 2  
133

**Composition** 100% recycled polyester FR  
**Weight** 420 g/lin.m  
**Width** 140 cm | 55.11"  
**Abrasion resistance** 45.000 Martindale rubs, EN ISO 12947  
**Flammability** EN 1021-1/2 | DIN 4102 B1 | Önorm B1/Q1  
 UNI 9175 1IM | US Cal. Tech. Bull. 117  
 IMO A.652 (16)  
**Fastness to light** Note 5-7, ISO 105-B02  
**Fastness to rubbing** (ISO) dry 5, wet 4-5  
**Pilling** Note 4-5, EN ISO 12945  
**Maintenance** Vacuuming and dry cleaning.  
 Washable at max. 60°C.  
 Drip drying.



## kvadrat

# CAT A

FABRIC  
ROUGH  
TREVIRA CS+  
TREVIRA CS  
REVIVE 1  
REVIVE 2

**Note** color deviation may occur.  
 Find the latest update of the material  
 specifications and colors on our  
 website: [www.buzzi.space](http://www.buzzi.space)



# CAT B

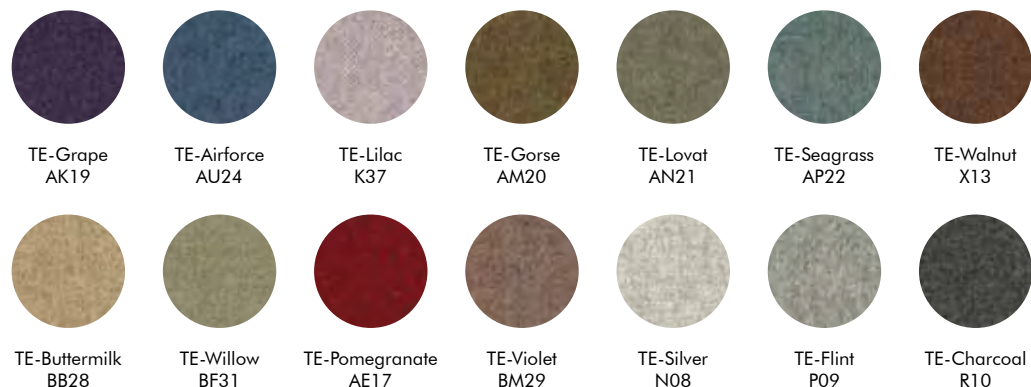
TERRA  
CLARA 2  
REMIX 2  
VELVET

## Terra

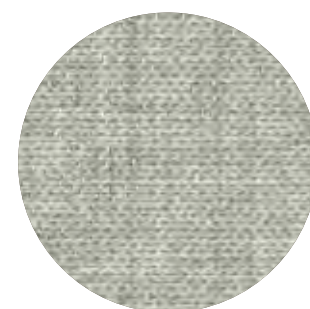


TE-Mocha  
D03

**Composition** 100% Pure New Wool  
**Weight** 370 g/m<sup>2</sup> | 10.91 oz/yd<sup>2</sup>  
**Width** 137 cm | 53.94"  
**Abrasion resistance** 40.000 Martindale, 25.000 Wyzenbeek  
**Flammability** EU: BS 5852 CRIB 5 | BS 5867 PART 2 : 2008 : TYPE B  
 EN 1021.2/2006  
 USA: CAL TB 117  
**Fastness to light** EU: 5 | USA: 5  
**Fastness to rubbing** EU: Wet 4 | Dry 4  
**Fastness to crocking** USA: Wet 4 | Dry 4  
**Match** Weight ±5% | Width ±2%  
**Maintenance** Vacuum clean regularly. Don't wash. Don't remove the Terra from the product. Treat spillages immediately. Professional dry clean or wipe clean with a pH neutral soap and a damp cloth.

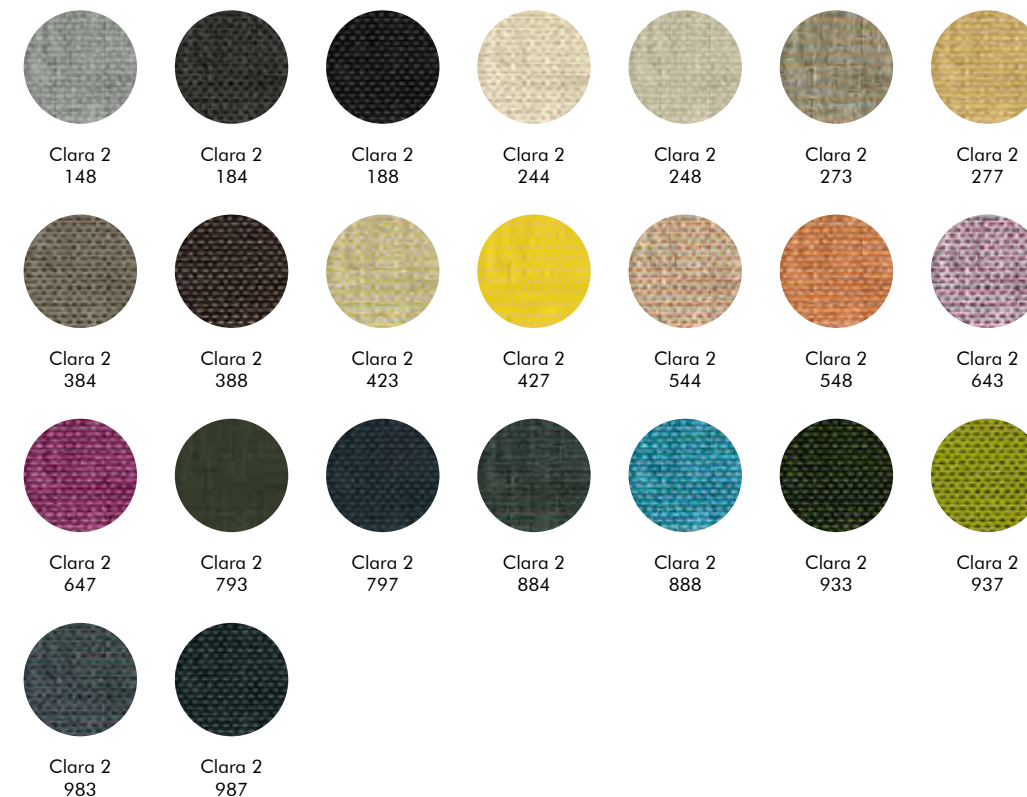
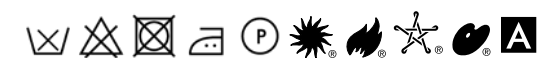


## Clara 2



Clara 2  
144

**Composition** 92% new wool, 8% nylon  
**Weight** 400 g/lin.m  
**Width** 138 cm | 54.33"  
**Abrasion resistance** 80.000 Martindale rubs, EN ISO 12947  
**Flammability** EN 1021-1/2 | BS 5852, ignition source 2-3 | DIN 4102 B2  
 NF D 60 013 | UNI 9175 1IM | US Cal. Tech. Bull. 117, Sec. E  
 NFPA 260 | IMO A.652(16)  
**Fastness to light** Note 5-7, ISO 105-B02  
**Fastness to rubbing** (ISO) dry 4-5, wet 4  
**Pilling** Note 4, EN ISO 12945  
**Maintenance** Vacuuming and dry cleaning



kvadrat

# CAT B

TERRA  
CLARA 2  
REMIX 2  
VELVET

**Note** color deviation may occur.  
 Find the latest update of the material specifications and colors on our website: [www.buzzi.space](http://www.buzzi.space)

# CAT B

TERRA  
CLARA 2  
REMIX 2  
VELVET

## Remix 2



Remix 2  
113

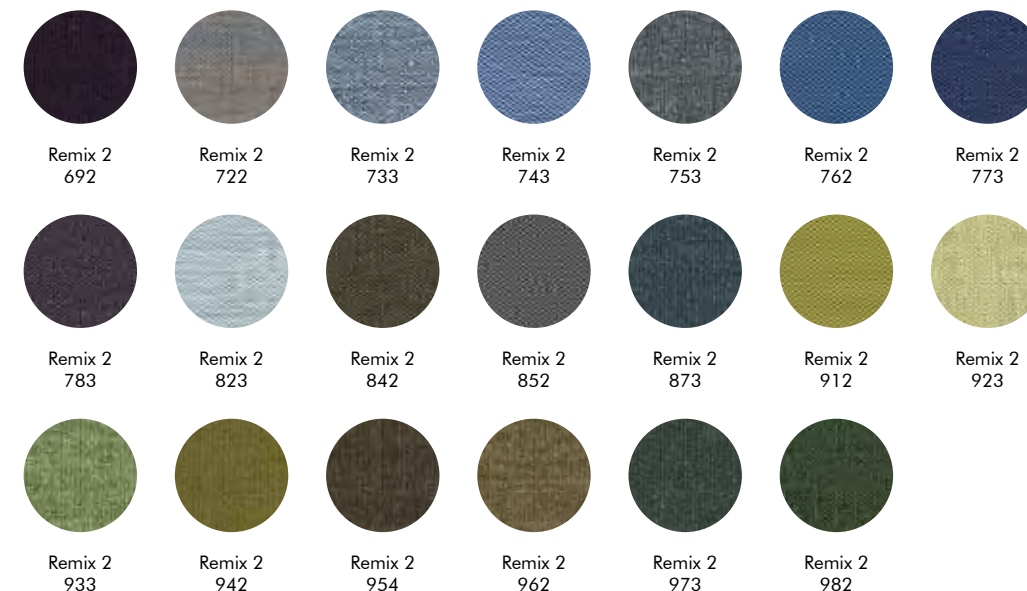
**Composition** 90% new wool, 10% nylon  
**Weight** 415 g/lin.m  
**Width** 138 cm | 54.33"  
**Abrasion resistance** 100.000 Martindale rubs, EN ISO 12947  
**Flammability** EN 1021-1/2 | BS 5852 part 1  
 Önorm B1/Q1 | NF D 60 013 | UNI 9175, 11M  
 AS/NZS 1530.3 | Cal. Tech. Bull. 117-2013  
 NFPA 260 | IMO FTP Code 2010:Part 8  
**Fastness to light** Note 5-7, ISO 105-B02  
**Fastness to rubbing** (ISO) dry 4-5, wet 4  
**Pilling** Note 4, EN ISO 12945  
**Maintenance** Vacuuming and dry cleaning



## kvadrat

# CAT B

TERRA  
CLARA 2  
REMIX 2  
VELVET



**Note** color deviation may occur.  
 Find the latest update of the material specifications and colors on our website: [www.buzzi.space](http://www.buzzi.space)



# CAT B

TERRA  
CLARA 2  
REMIX 2  
VELVET

## Velvet



VE-Gold  
401

**Composition** 100% PES  
**Weight** 375 g/m<sup>2</sup> | 11.06 oz/yd<sup>2</sup>  
**Width** 140 cm | 55.12"  
**Thickness** 0,7mm | 0.0275"  
**Abrasion resistance** >100.000 Martindale  
**Flammability** USA: CAL TB 117  
**Fastness to light** EU: 4-5  
**Fastness to rubbing** EU: Wet 4 | Dry 4-5  
**Pilling** EU: 4-5  
**Match** Weight ±5% | Width ±2%  
**Maintenance** Vacuum clean regularly. Don't wash. Don't remove the Velvet from the product. Treat spillages immediately. Professional dry clean or wipe clean with a pH neutral soap and a damp cloth.

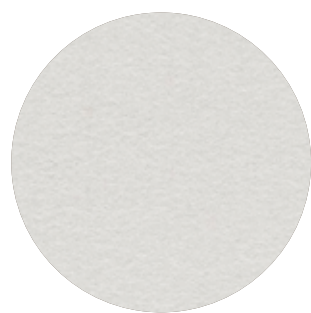


**Note** color deviation may occur.  
 Find the latest update of the material specifications and colors on our website: [www.buzzi.space](http://www.buzzi.space)

# CAT C

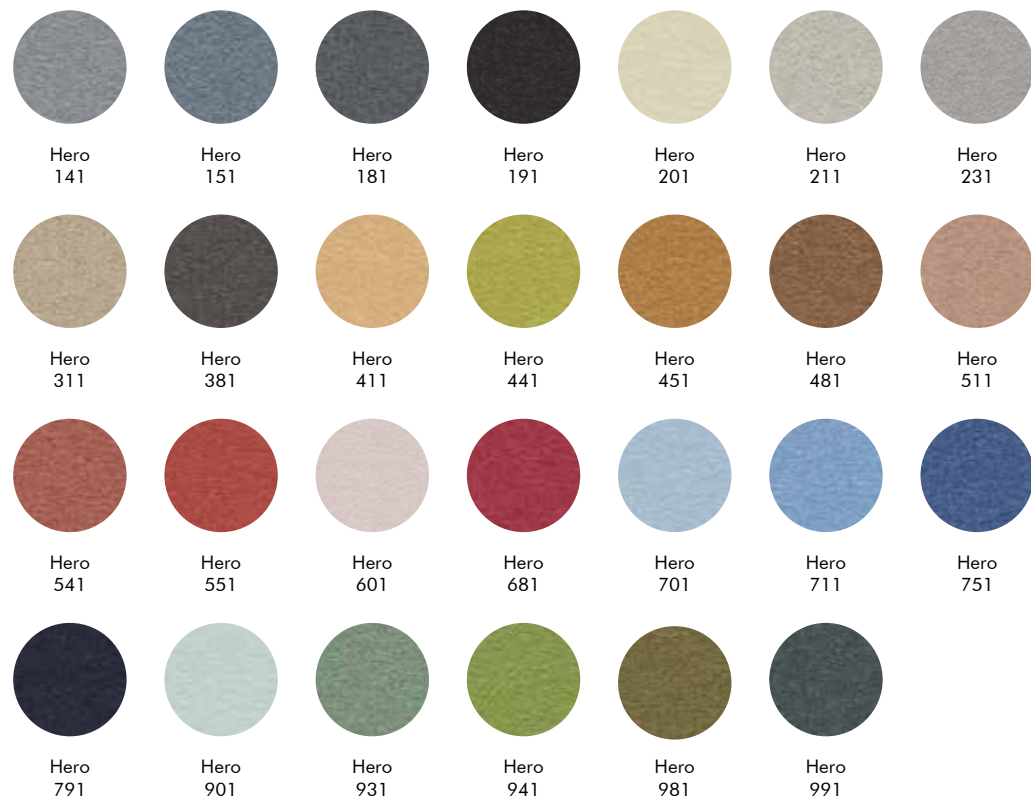
HERO

## Hero



Hero 101

**Composition** 96% new wool, 4% nylon  
**Weight** 580 g/lin.m  
**Width** 140 cm | 55.11"  
**Abrasion resistance** 45.000 Martindale rubs, EN ISO 12947  
**Flammability** EN 1021-1/2 | DIN 4102 B2 | NF D 60 013  
 UNI 9175 1IM | US Cal. Bull. 117-2013 | NFPA 260  
 IMO A.652 (16)  
**Fastness to light** Note 5-6, ISO 105-B02  
**Fastness to rubbing** (ISO) dry 4-5, wet 4-5  
**Pilling** Note 3-4, EN ISO 12945  
**Maintenance** Vacuuming and dry cleaning.  
 Washable at max. 30°C, wool programme. Drip drying.  
 Mount covers in slightly wet condition



## kvadrat

## Tonus 4



Tonus 4 100

**Composition** 90% new wool, 10% Helanca  
**Weight** 665 g/lin.m  
**Width** 140 cm | 55.11"  
**Abrasion resistance** 100.000 Martindale rubs, EN ISO 12947  
**Flammability** EN 1021-1/2 | BS 5852 part 1 | DIN 4102 B2  
 Önorm B1/Q1 | NF D 60 013 | UNI 9175 1IM  
 US Cal. Bull. 117-2013 | NFPA 260 | IMO A.652 (16)  
**Fastness to light** Note 5-7, ISO 105-B02  
**Fastness to rubbing** (ISO) dry 3-5, wet 3-5  
**Pilling** Note 3, EN ISO 12945  
**Maintenance** Vacuuming and dry cleaning



## kvadrat

# CAT D

TONUS 4



**Note** color deviation may occur.  
 Find the latest update of the material specifications and colors on our website: [www.buzzi.space](http://www.buzzi.space)



# CAT E

MEMORY 2

## Memory 2



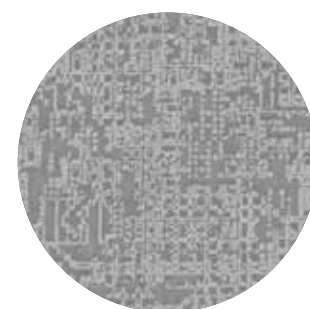
Memory 116

**Composition** 100% Trevira CS  
**Weight** 700 g/lin.m  
**Width** 150 cm | 59.05"  
**Abrasion resistance**  
 35.000 rubs acc. to the Martindale method, EN ISO 12947  
**Flammability** EN 1021-1/2 | DIN 4102 B1 | Önorm B1/Q1  
 NF D 60 013 | NF P 92 507 M1 | UNI 9175 11M  
 UNI 9177 classe 1 | US Cal. Tech. Bull. 117  
 IMO A.652 (16)  
**Fastness to light** Note 5-8, ISO 105-B02  
**Fastness to rubbing** (ISO) dry 4-5, wet 4-5  
**Pilling** Note 4, EN ISO 12945  
**Maintenance** Vacuuming and dry cleaning.  
 Washable at max. 60°C.  
 Drip drying.



## kvadrat

## Matrix



Matrix 122

**Composition** 100% Trevira CS  
**Weight** 760 g/lin.m  
**Width** 140 cm | 55.11"  
**Abrasion resistance**  
 App. 60.000 rubs acc. to the Martindale method, EN ISO 12947  
**Flammability** EN 1021-1/2 | BS 5852 crib 5 | BS 5867 part 2 type B  
 DIN 4102 B1 | Önorm B1/Q1 | NF D 60 013  
 UNI 9175 11M | US Cal. Tech. Bull. 117 | NFPA 701  
 IMO A.652 (16)  
**Fastness to light** Note 5-7, ISO 105-B02  
**Fastness to rubbing** (ISO) dry 4-5, wet 4-5  
**Pilling** Note 4, EN ISO 12945  
**Maintenance** Vacuuming and dry cleaning.  
 Washable at max. 60°C.  
 Drip drying.



## kvadrat

# CAT F

MATRIX

**Note** color deviation may occur.  
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# LEATHER

VEGETAL  
VINTAGE

## Vegetal



VG-Black  
98



VG-Cognac  
91

**Raw material** Scandinavian Bullhides

**Thickness** 1,2 - 1,4 mm | 0.047 - 0.055 inch

**Surface** Pure Aniline

**Flammability** EU: EN 1021.1 - BS 5852 PART 1 (cigarette)  
EN 1021.2 - BS 5852 PART 1 (match)  
USA: CAL TB 117

**Fastness to light** EU: 3 Blue Scale (72h exposition)

**Fastness to rubbing** EU: Wet: 20 cycles/3 | Dry: 50 cycles/3  
Sweat: 20 cycles/3

**Strength** Tear resistance: >20N or 10N/mm thickness

Tensile: >20N/mm<sup>2</sup>

Elongation: 40-70%

**Match** Normal life markings (scars, wrinkles, scratches) certify the authenticity of the leather. Dust with a soft cloth regularly. Don't expose to direct sunlight. Be careful with sharp objects. Spills should be blotted with a soft absorbent cloth. Don't rub. Never use detergents, shoepolish, alkalized products.

## Vintage



VN-Brown  
63009

**Raw material** European New Zealand Bullhides

**Thickness** 1,0 - 1,2 mm | 0.039 - 0.047 inch

**Surface** Pure Aniline

**Flammability** EU: EN 1021.1 - BS 5852 PART 1 (cigarette)  
EN 1021.2 - BS 5852 PART 1 (match)

**Fastness to light** EU: 3 Blue Scale (72h exposition)

**Fastness to rubbing** EU: Wet 20 cycles/4 | Dry 100 cycles/4  
Sweat 20 cycles/4

**Strength** Tear resistance: >20N or 10N/mm thickness

Tensile: >20N/mm<sup>2</sup>

Elongation: 40-70%

**Match** Normal life markings (scars, wrinkles, scratches) certify the authenticity of the leather. Dust with a soft cloth regularly. Don't expose to direct sunlight. Be careful with sharp objects. Spills should be blotted with a soft absorbent cloth. Don't rub. Never use detergents, shoepolish, alkalized products.



VN-Black  
6842



VN-Grey  
6855



VN-Beige  
6691



VN-Terracotta  
6229

**Note** color deviation may occur.  
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# SOLID MATERIALS

## 082 - 083 Application Overview

### 082 - 083 Metal

082 Powder Coated Metal

083 Uncoated Aluminum



## APPLICATION OVERVIEW

### Solid Materials

- Not possible
- Possible

Product		Powder Coated Metal						Uncoated Aluminum
		Black RAL 9005	White RAL 9010	Fluo Orange RAL 2005	Fluo Yellow RAL 1016	Beige Red RAL 3012	Gold	
<b>BuzziBell</b>	Frame	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Ceiling canopy	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>BuzziChandelier</b>	Frame	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Ceiling canopy	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>BuzziHat</b>	Shade	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
	Ring	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
	Ceiling canopy	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>BuzziJet</b>	Frame	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Ceiling canopy	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>BuzziLight Mono</b>	Frame	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Ceiling canopy	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>BuzziLight Alhambra &amp; Royal</b>	Frame	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Ceiling canopy	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>BuzziMoon</b>	Ceiling canopy	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>BuzziPleat LED</b>	Frame	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Ceiling canopy	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>BuzziProp LED</b>	Frame	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Ceiling canopy	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>BuzziShade</b>	Frame	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
	Ceiling canopy Retrofit	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Ceiling canopy LED Globe	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>BuzziShade Square</b>	Frame	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
	Ceiling canopy Retrofit	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Ceiling canopy LED Globe	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>BuzziShade Standing</b>	Frame	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<b>BuzziZepp LED</b>	LED Line	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Ceiling canopy	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

## METAL

POWDER COATED METAL  
UNCOATED ALUMINUM

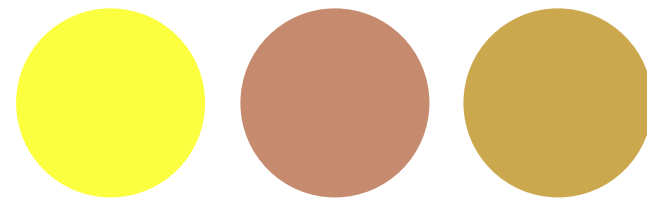
### Powder Coated Metal



**Black**  
RAL 9005

**White**  
RAL 9010

**Fluo Orange**  
RAL 2005



**Fluo Yellow**  
RAL 1016

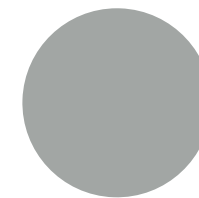
**Beige Red**  
RAL 3012

**Gold**

**Properties** Fine-textured powder coated steel or aluminum with a matt look.

**Maintenance** Clean as needed using a soft cloth or brush with a mild detergent. Avoid steam cleaning, abrasive cleansers, carbon steel brushes/wools and cleaners containing chlorine.

### Uncoated Aluminum



**Properties** Bare aluminum with clear coating.

**Maintenance** Clean as needed using a soft cloth or brush with a mild detergent. Avoid steam cleaning, abrasive cleansers, carbon steel brushes/wools and cleaners containing chlorine.

## METAL

POWDER COATED METAL  
UNCOATED ALUMINUM

**Note** color deviation may occur.  
Find the latest update of the material specifications and colors on our website: [www.buzzi.space](http://www.buzzi.space)  
**Refinishing** Renovation should be done by a specialist in furniture coating. It requires sanding of the parts and re-applying an equal amount of coating on all sides.

Find the latest update of the application overview on our website: [www.buzzi.space](http://www.buzzi.space)

# ACOUSTIC EXPERTISE

## 086 - 087 **What is Sound**

- 086 Frequency
- 087 Decibels
- 087 Reverberation Time

## 088 - 089 **BuzziSpace Acoustics**

- 088 Continuous testing
- 088 How to read acoustic reports
- 088 Acoustic ambassador
- 089 Acoustic principles
- 089 Buzzispace RT60

## 090 - 093 **Inspiration settings**

- 090 Meeting room
- 091 Lobby
- 092 Open space
- 093 Coffeecorner / Cafeteria





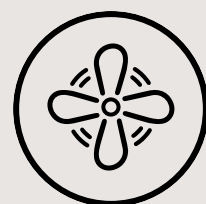
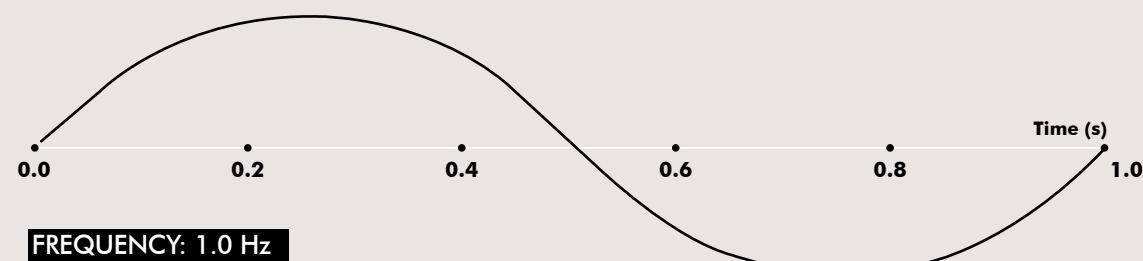
# WHAT IS SOUND

FREQUENCY  
DECIBEL  
REVERBERATION TIME

Sound consists of pressure waves that run through the air. It can be described as energy, created by vibrations, transmitted through air or any other medium. The inner ear transfers those vibrations into sound. These sound waves have 2 different characteristics: frequency and decibel. **Frequency** determines the tone of the sound, while **Decibel** determines the intensity of sound.

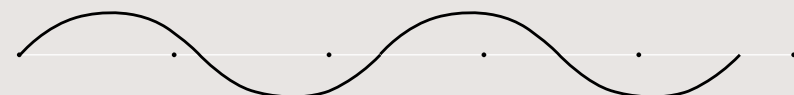
## Frequency

The wavelength determines the sound frequency. It is measured as the number of repetitive vibrations per cycle per second and is expressed in Hertz. The audible range of sound is between 20 to 20 000 Hz. The higher the frequency, the higher the tone.



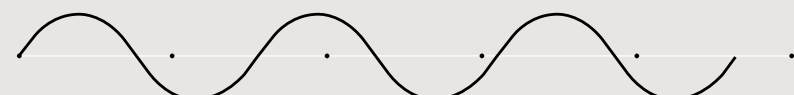
### Low tone

Long wave - Low frequency (50 - 250 Hz)  
E.G. heating systems, ventilation, elevators, copy machines, server rooms



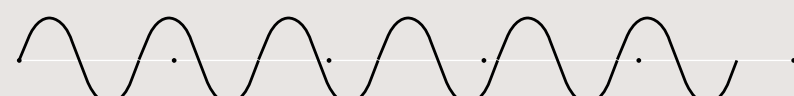
### Mid tone

Mid length wave - Speech frequency (250 - 2500 Hz)  
E.G. speech, vowels, consonants



### High tone

Short wave - High frequency (2500 - 12000 Hz)  
E.G. ringtones, typing sounds, clicking sounds, kids



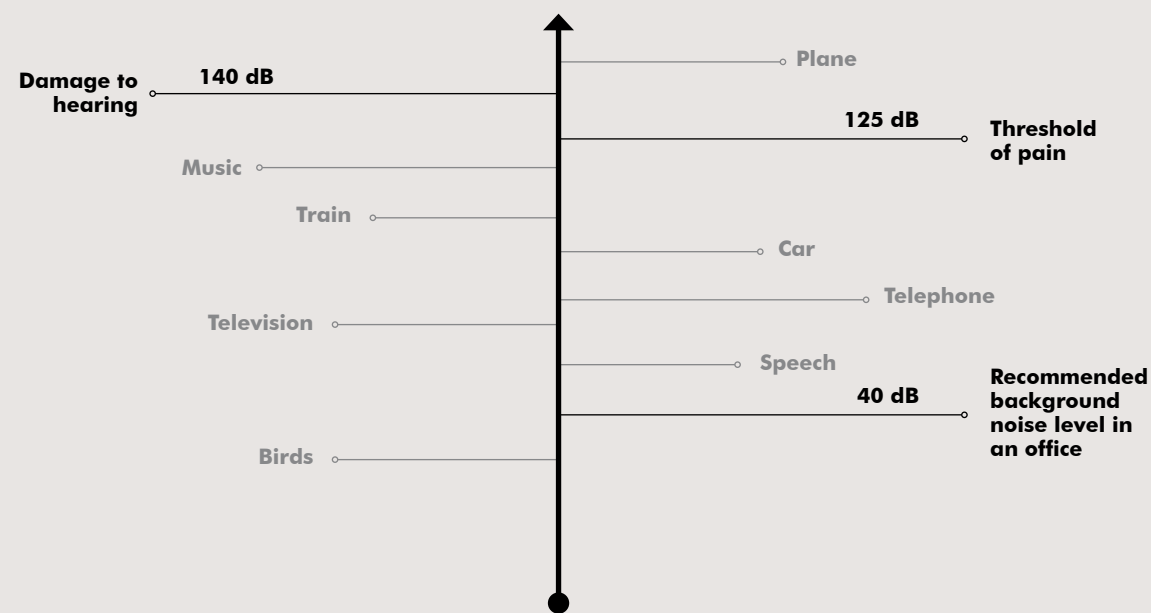
# WHAT IS SOUND

FREQUENCY  
DECIBEL  
REVERBERATION TIME

## Decibel

Decibel is a logarithmic unit to express the ratio of sound intensity (volume) and is important as an indicator of the background noise level. Humans can hear sounds between 0 and 140 decibels.

The value of decibels has no direct or indirect correlation with the sound frequency. For example, the ticking of a clock and the buzzing of a vacuum cleaner may have the same frequency but a different volume.



## Reverberation time

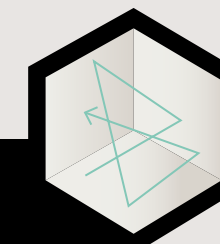
Reverberation time is the time needed for an original sound source to decay 60 dB and is expressed in seconds. In order to generate excellent speech intelligibility and clarity, the reverberation time should be adjusted and balanced by the means of absorptive material in function of the specific acoustical issues in a given space. The recommended reverberation time will always have to be adapted to the room volume and the type of activity.

### RECOMMENDED REVERBERATION TIME:

- > Office: 0.75s
- > Meeting room: 0.60s
- > Cafeteria: 1.00s
- > Gymnasium: 1.50s
- > Auditorium: 1.50s to 2.00s

## INFLUENCES ON THE Reverberation time

- 📏 VOLUME OF THE ROOM
- 🌡️ ROOM TEMPERATURE
- 👉 ABSORPTION COEFFICIENT OF MATERIALS, OBJECTS AND PEOPLE IN A ROOM



# BUZZISPACE ACOUSTICS

CONTINUOUS TESTING  
 HOW TO READ ACOUSTIC REPORTS  
 ACOUSTIC AMBASSADOR  
 ACOUSTIC PRINCIPLES  
 BUZZISPACE RT60

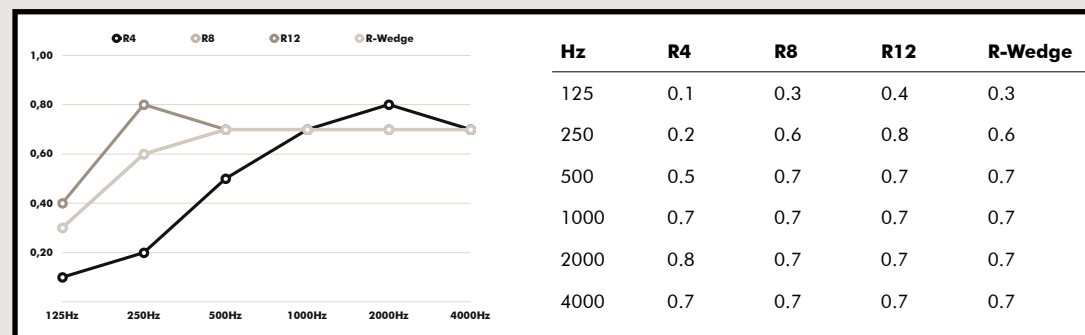
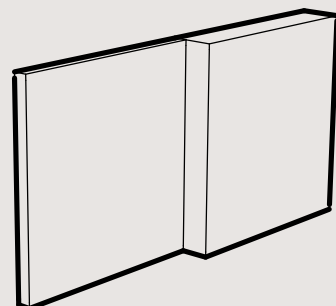
## Continuous testing

All acoustic products are tested to determine the absorption performance following the reverberation room method. All tests are done in an accredited test laboratory, Peutz bv.



## How to read acoustic reports

This chart shows the equivalent absorption area ( $A_{eq}$ ) of 4 different variations of our BuzziClipse with their metric Sabin value in all the relevant frequencies, where one square meter equals one metric Sabin.



### EQUIVALENT SOUND ABSORPTION AREA (AEQ) EXPRESSED IN SQUARE METER

- > A Sabin is the unit for the absorption of sound, equal to the absorption provided by 1 square meter (foot) of a completely absorbing product.
- > This is the only accepted and certified method, applied to freestanding products.
- > Depending on the position in the room, the product will react in a different way but will always generate the same amount of equivalent absorption area.

All acoustic reports can be found on our website: [www.buzzi.space](http://www.buzzi.space)

## Acoustic Ambassador

### DANIEL VERLOOVEN

He travels the globe sharing his expertise and knowledge through seminars, trainings and lectures for an audience of A&D and facility managers.

As an expert, he supports the product development team with advise and recommendations on how to get the best performance out

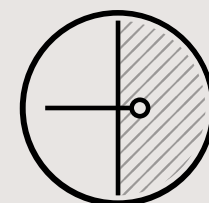
of new acoustical products. His role includes monitoring acoustic testing and calculating the performance rates of the BuzziSpace acoustical portfolio. Daniel also provides training, support and consultancy for the global BuzziSpace sales network and community.

He also writes and develops CEU and CPD programs helping professionals gain knowledge about the importance of acoustics.



## Acoustic Principles

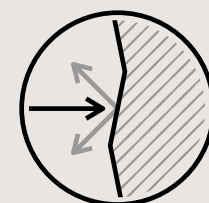
To create a better acoustical environment and reduce reverberation time in a room, BuzziSpace products are developed to perform on one or more of the following acoustic principles.



### Absorption

Sound Waves are absorbed by any 'acoustically soft' material they encounter.

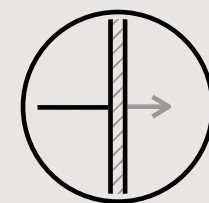
Sound is energy and in order to stop this energy from propagating, absorptive panels will be used to convert this energy into heat through friction. The absorption coefficient of a product will determine the level and quality of absorption. Absorption applies to fixed wall or ceiling elements.



### Diffusion

Sound energy is spread evenly in a given space.

Wavelengths which cannot be absorbed through acoustic treatment will scatter evenly back into the room, ensuring a better spread while maintaining a live, vivid sound. This property can be obtained by alternating different depths of absorptive material and 3D shapes.



### Attenuation

Reducing the sound transfer within a room.

In order to reduce the sound transfer between different spaces, vertical elements will be applied to cut down sound energy. Those can come in different shapes such as sound blocks, vertical ceiling panels, room dividers, desk screens... Attenuation or sound dampening has a positive impact on speech intelligibility and clarity.

## BuzziSpace RT60

### A MUSTHAVE FOR ACOUSTIC GEEKS



When decorating a space, we often think of only the most visible items: tables, chairs and curtains. But what we do not see—the acoustics of the room—is too often forgotten. The RT60 app, developed by BuzziSpace, measures the reverberation time in each room and suggests products to improve sound quality. With the simulation tool, you can see the acoustical impact of BuzziSpace products in your room.

MORE INFO ON HOW TO GET STARTED ON [BUZZI.SPACE/BLOG/RT60](http://BUZZI.SPACE/BLOG/RT60)



For detailed acoustic reports check the product page on our website: [www.buzzi.space](http://www.buzzi.space)

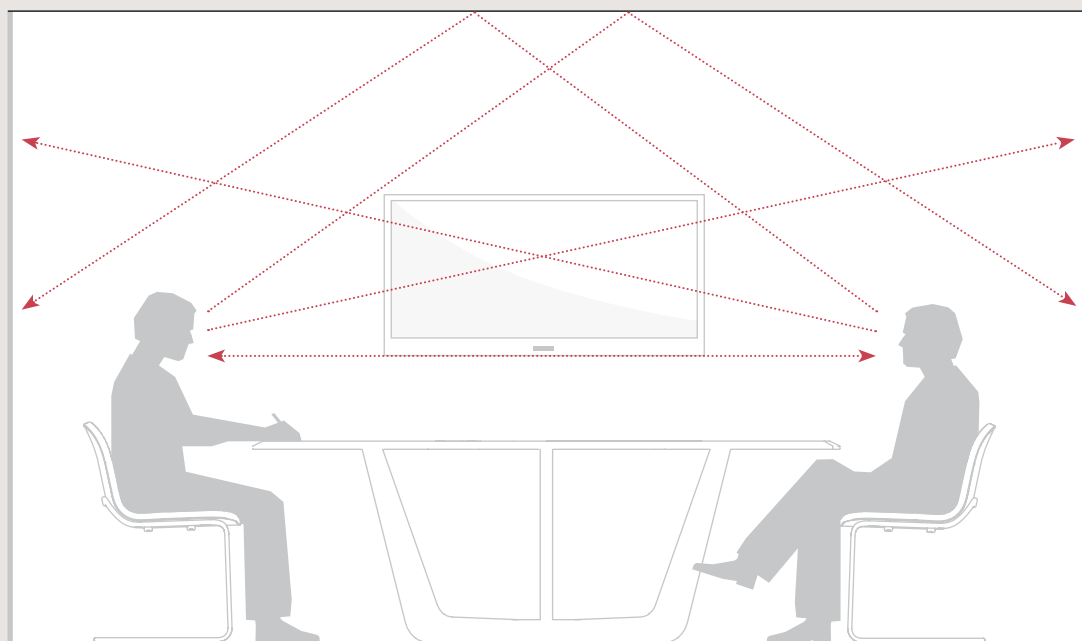


# INSPIRATION SETTINGS

- MEETING ROOM
- LOBBY
- OPEN SPACE
- COFFEE CORNER
- CAFETERIA

## MEETING ROOM

The meeting room is a typical example where the right lighting and acoustics are necessary to make conversation between participants clear and pleasant. Presentations also require specific indirect lighting for maximum visibility of the screen.

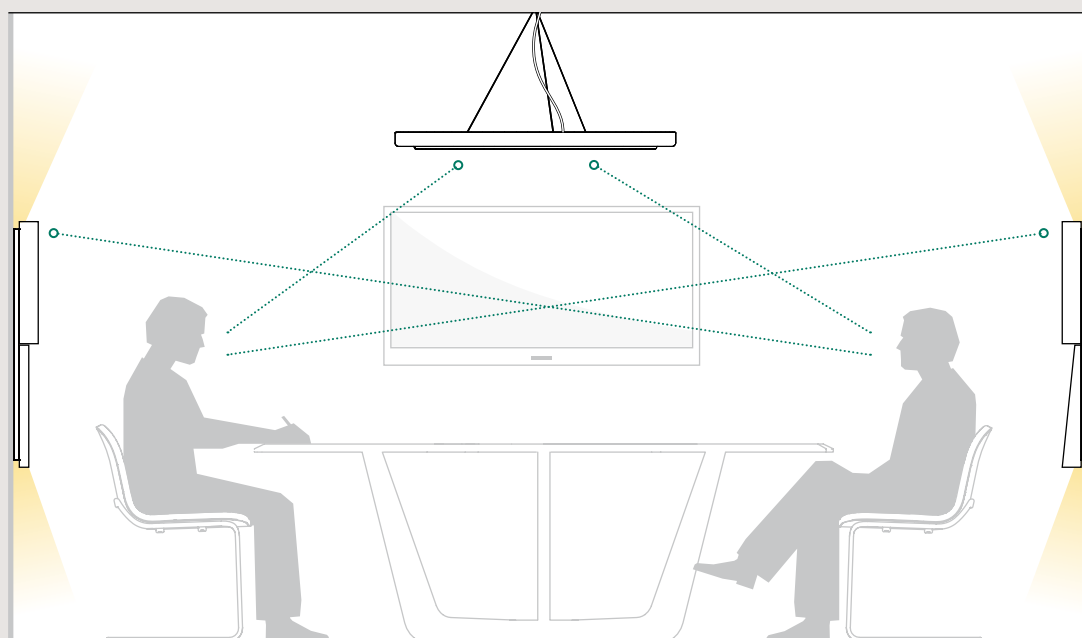


### CHALLENGES

- > Speech clarity
- > Concentration time
- > Adequate lighting for different functionalities

### SOLUTIONS

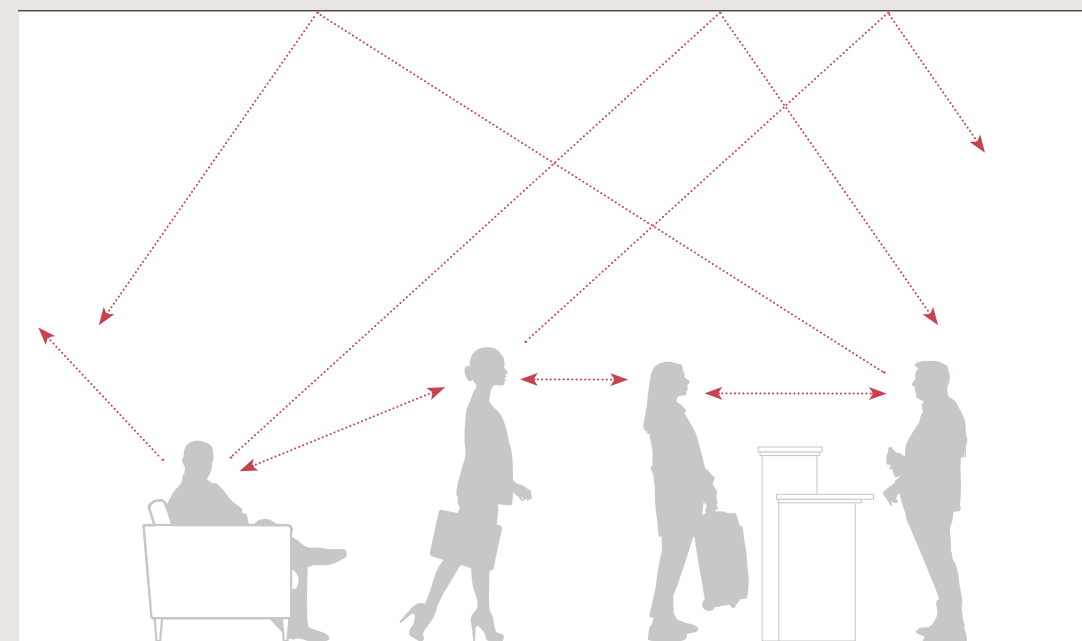
- > BuzziClipse along the walls for subtle indirect lighting, perfect during presentations
- > BuzziMoon above the table delivers the necessary light output when working together
- > Both absorb low, mid and high tones.



OTHER SOLUTIONS: **BuzziPleat LED**

## LOBBY

The hotel or office lobby is the spot where people gather. To ensure privacy at the welcome desk and in the waiting areas, this very noisy and multifunctional space requires specific acoustic care and an adequate lighting experience.

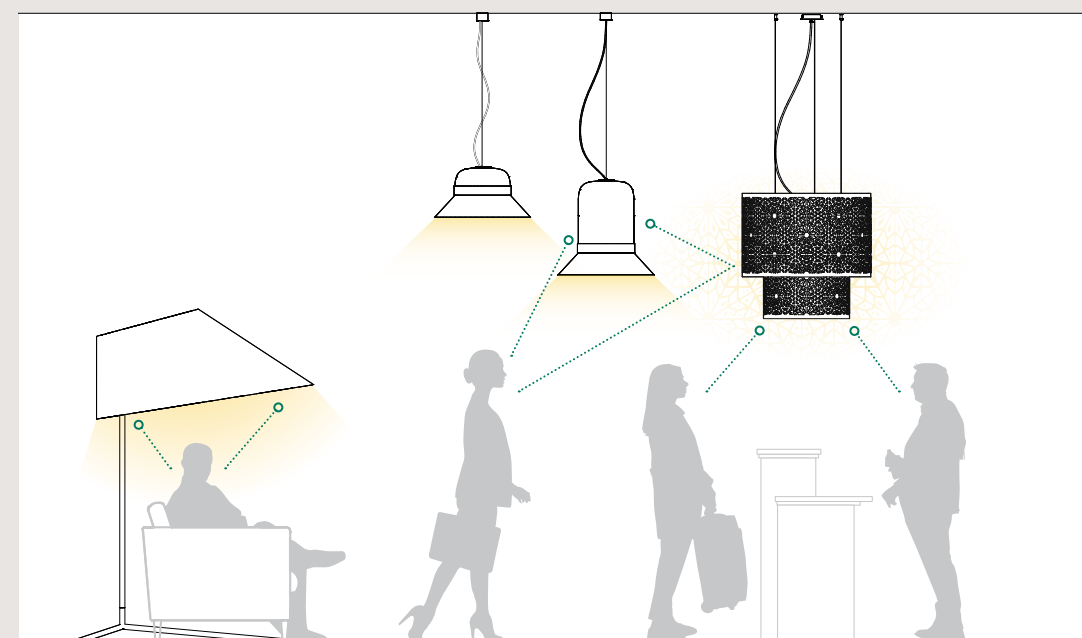


### CHALLENGES

- > Create privacy
- > Manage sound transfers from groups
- > Avoid overhearing phone calls
- > Adequate lighting for different settings

### SOLUTIONS

- > BuzziShade Standing to create cosy, private corners, while managing incoming and outgoing sound transfers
- > BuzziChandelier to create a luscious warm atmosphere and to make sure conversations don't interfere with other settings
- > BuzziHat to play with different sizes and colors to create a well-lit impeccable setting and control sound transfers



OTHER SOLUTIONS: **BuzziLight Mono**

# INSPIRATION SETTINGS

- MEETING ROOM
- LOBBY
- OPEN SPACE
- COFFEE CORNER
- CAFETERIA

# INSPIRATION SETTINGS

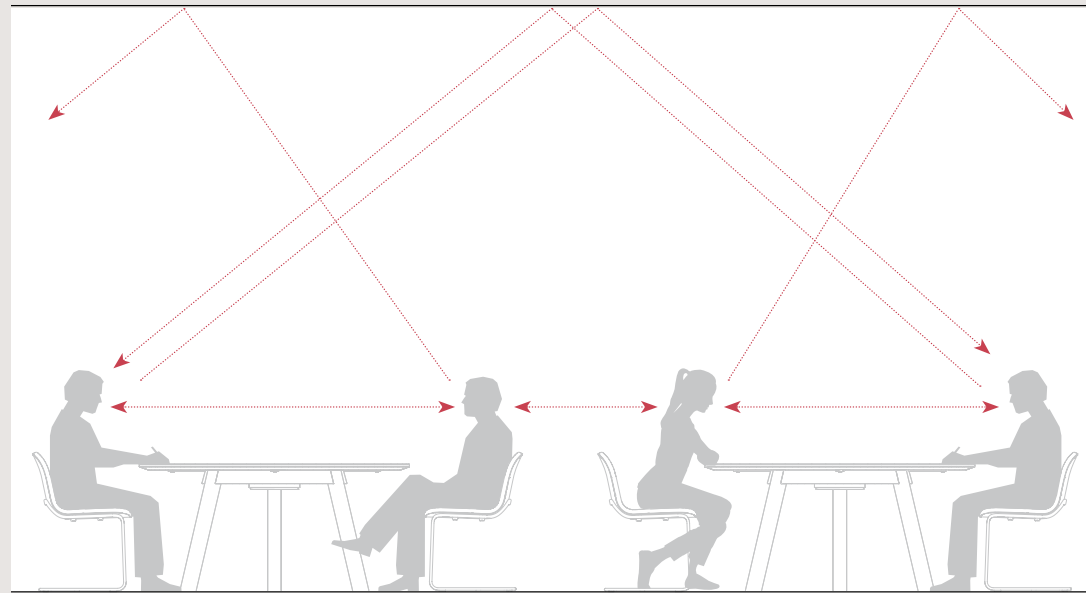
MEETING ROOM  
LOBBY  
OPEN SPACE  
COFFEE CORNER  
CAFETERIA

## OPEN SPACE

The popular open-office model connects workers but, at the same time, privacy and quiet is needed. We call this working apart together.

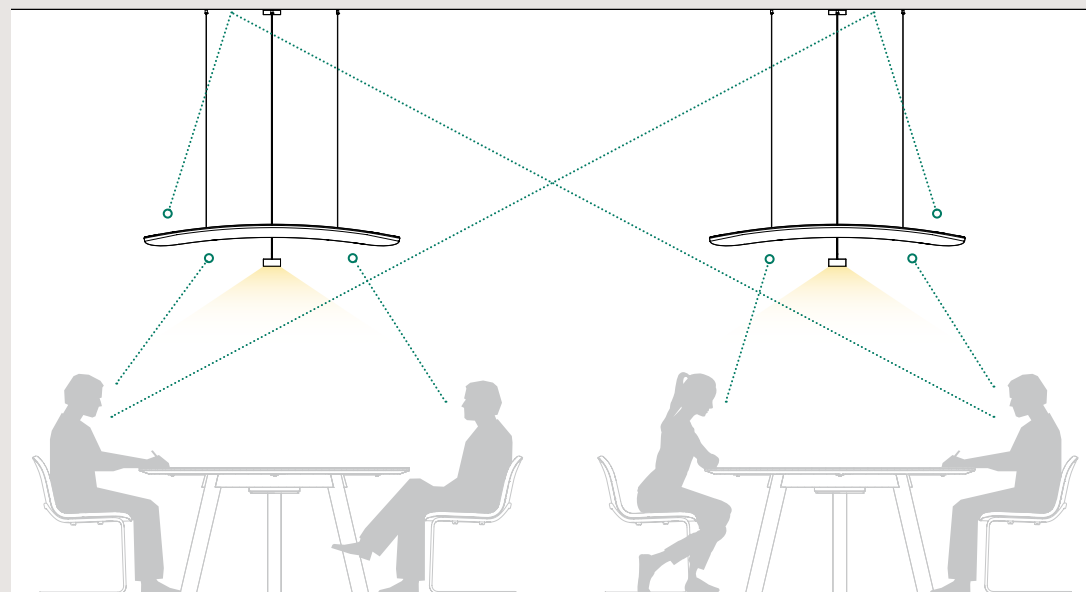
### CHALLENGES

- > Reduce and manage noise from conversations, phone calls, informal talks, ...
- > Create privacy
- > Functional task light



### SOLUTIONS

- > BuzziZepp LED Line offers the necessary light output on the workstation and prevents sound from travelling to other areas.
- > Absorbs low, mid and high tones



OTHER SOLUTIONS: **BuzziJet**

## COFFEE CORNER | CAFETERIA

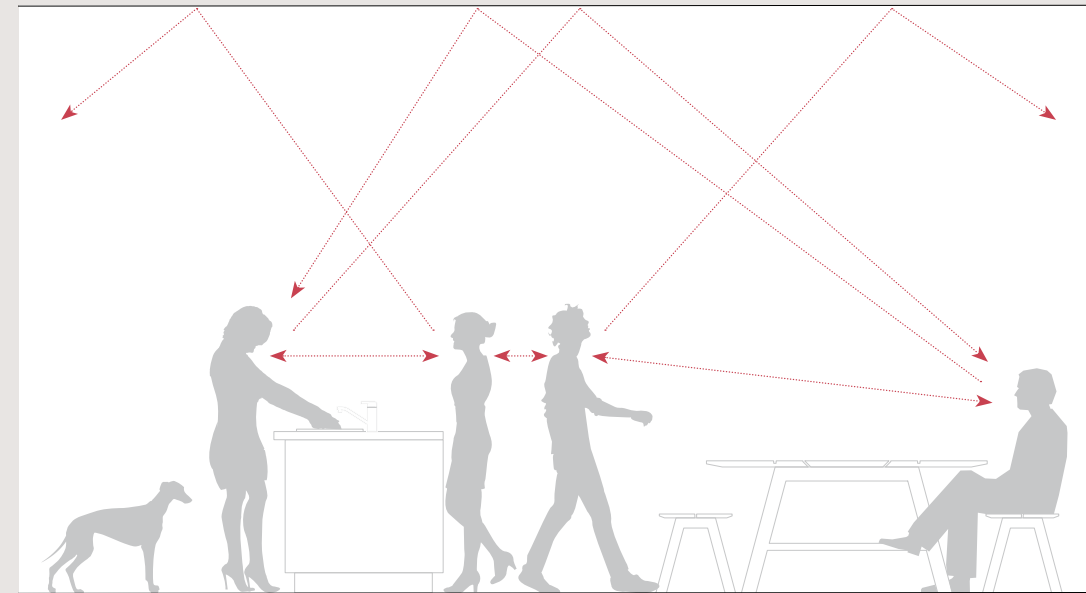
Disconnect for 10 minutes, have your lunch or get together for an informal talk at the coffee machine. To create happy and healthy settings and cozy corners, acoustics and lighting are crucial. This applies to offices but just as well to residential settings such as open space kitchens and living rooms.

# INSPIRATION SETTINGS

MEETING ROOM  
LOBBY  
OPEN SPACE  
COFFEE CORNER  
CAFETERIA

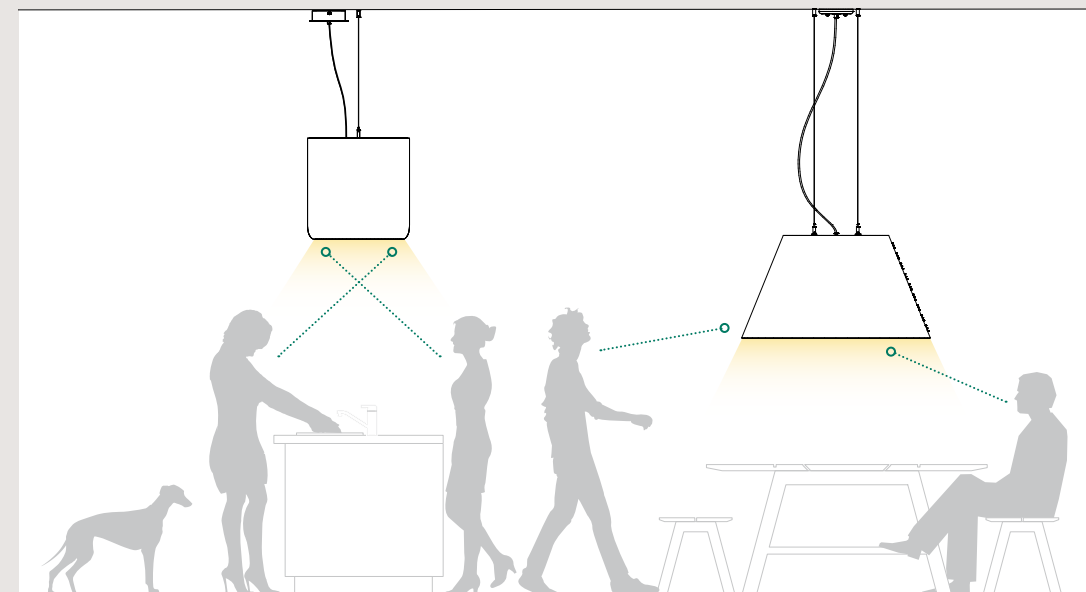
### CHALLENGES

- > Manage high pitched sounds
- > Create cozy corners in open spaces
- > Establish different settings in one room



### SOLUTIONS

- > BuzziShade to create separated settings with ambient light and control sound transfers
- > BuzziProp to regulate noise and create a warm setting



OTHER SOLUTIONS: **BuzziBell**



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