Acoustic Lighting Catalog

Catalog 2020 - 2021

NO BOUNDARIES



www.buzzi.space

NO BOUNDARIES

BuzziSpace Acoustic Lighting 2 — BuzziSpace Acoustic Lighting

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— We care about happy and healthy

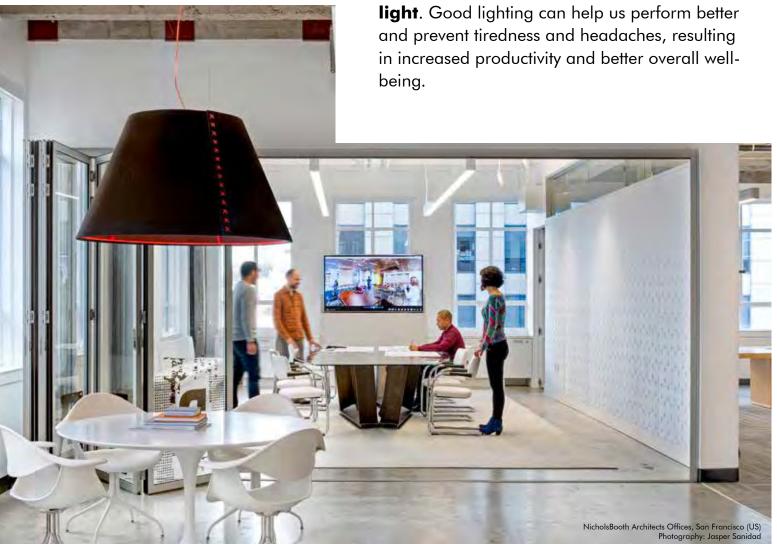
Did you know that poor sound and light have an impact on our health and happiness? That's why we create high-quality, felt lighting and upholstered luminaires in a wide range of colors, patterns, and prints to fit any space. Not only are our acoustic lighting solutions great for sound absorption, but they are also pleasing to the eye while making a statement in any interior.

We offer lighting solutions and acoustic furniture that accommodate the demands of the ever-changing workplace, since 2007. Bettering the world through design is what drives us every day. This is reflected in numerous design awards and partnerships with well-known designers. With showrooms in Antwerp, New York, Chicago, London and Aachen, and our own production sites in Bladel (NL) & High Point (US), we have firmly established ourselves as a global player, creating happy and healthy spaces.

6 — BuzziSpace Acoustic Lighting Acoustic Lighting Matters — 7

Why acoustic lighting matters

The spaces in which we live and work should be places where we thrive. Poor sound and light can, however, negatively influence our well-being. **Sound**, for example, affects our mood and productivity. The same goes for



Lighting and acoustics should be a part of the design process, not an afterthought.

Sound and light should never be an afterthought but part of the design process of a space from the very beginning.

feel at home wherever they are through humancentric design.

As a pioneer in acoustics, we offer solutions that combine good lighting with high acoustic performance, catering for the needs of the modern workplace, the hospitality and educational sector, residential areas—and beyond.

DISCOVER OUR ACOUSTIC LIGHTING **PORTFOLIO**

GO TO PAGE 8-9

LEARN MORE ABOUT ACOUSTICS & NOISE REDUCTION?



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.

> 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.²



BuzziSpace is on a mission to make professionals

GO TO PAGE 74-85

66%

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

- ¹ Think Money Study (2015)
- ² Light Right Consortium Study (2003)
- ³ Sound Business (2011), Julian Treasure

8 — BuzziSpace Acoustic Lighting Acoustic Lighting portfolio — 9

BuzziShade Square

ACOUSTIC LIGHTING PORTFOLIO

	<u>Buz</u> ziBell		<u>Buz</u> ziCha	ndelier	<u>Buz</u> ziCon	ie	<u>Buz</u> ziDo	ome	
					6				
	LED Dis	k Ø 470	Ret	rofit	LED G	lobe/Spot	LED Disk Ø 470		
	220V 240V	110V 120V	220V 240V	110V 120V	220V 110V 240V 120V		220V 240V	110V 120V	
CERTIFICATIONS	CE	CUL US LISTED	CE	CUL US LISTED	C€	CUL US LISTED	C€	CUL US LISTED	
LIGHT SOURCE	LED B	oard***	Retrofit Bulb incl.	Retrofit Bulb excl.	LED	C.O.B.	LEC) Board***	
LIGHT OUTPUT	254	15 Lm	4800 Lm	/	15	00 Lm	2	2545 Lm	
POWER	29	7,4W	55W	Max. 42W		19W		29,4W	
EFFICACY	87	Lm/W	87 Lm/W	/	77,5	5 Lm/W	8	7 Lm/W	
COLOR TEMPERATURE (KELVIN)	3000	K****	2700K	/	3	000K	30	00K****	
COLOR RENDERING INDEX		90	85	/		90		90	
UNIFIED GLARE RATING	2	2**		/	23 (Glob	e) / 12 (Spot)		22**	
DIMMABILITY	1 - 10V or	Dali (CE/CB)	Not di	mmable	1 - 10V oi	r Dali (CE/CB)	1 - 10V	or Dali (CE/CB)	
SOURCE LIFETIME	500	000 hr	20000 hr	/	50	000 hr	5	0000 hr	
GEAR / TRANSFO	ir	ncl.	ir	ncl.		incl.		incl.	
ACOUSTIC PRINCIPLES) Ð							

<u>Buz</u> ziProp		<u>Buz</u> ziSha	de		BuzziShade Standing					
	LED Globe/Spot		Ret	rofit	LED GI	obe/Spot	LEI) Disk	Retrofit	
	220V 240V	110V 120V	220V 240V			110V 120V	220V 240V	110V 120V	220V 240V	110V 120V
CERTIFICATIONS	C€	CUL US LISTED	C€	CUL)US LISTED	C€	CUL US LISTED	C€	CUL US LISTED	C€	
LIGHT SOURCE	LED	C.O.B.	Retrofit Bulb excl.		LED C.O.B.		LED Board***		Retrofit Bulb excl.	
LIGHT OUTPUT	150	00 Lm	/		1500 Lm		2545 Lm		/	
POWER	1	9W	Max. 60W	Max. 100W	19W		29,4W		Max. 60W	Max. 100W
EFFICACY	77,5	Lm/W	/		77,5 Lm/W		87 Lm/W		/	
COLOR TEMPERATURE (KELVIN)	30	000K	/		3000K		3000K****		/	
COLOR RENDERING INDEX		90	/		90			90	,	,
UNIFIED GLARE RATING	23 (Globe) / 12 (Spot)	/		23 (Globe) / 12 (Spot)			/	,	,
SOURCE LIFETIME	500	000 hr		/	500	000 hr	50	000 hr	,	,
DIMMABILITY	1 - 10V or	Dali (CE/CB)		/	1 - 10V or	Dali (CE/CB)	1 - 10V or	Dali (CE/CB)	,	′
GEAR / TRANSFO	ir	ncl.		/	i	ncl.	incl.		incl.	
ACOUSTIC PRINCIPLES) 🕘		·						

**			
**	UGR	19 on	request

OGK 19 on request



^{****} Dali on request

BuzziHat		BuzziJet		BuzziJet	Standing	BuzziLigł	nt Mono	BuzziMo	on	BuzziPleat Ligh											
LED Disk Ø	Ø 460	LED Dis	sk Ø 470	LED Dis	sk Ø 470	Ret	trofit	LED Dis	sk Ø 470	LED Glo	obe/Spot										
220V 240V	110V 120V	220V 240V	110V 120V	220V 240V	110V 120V			220V 240V	110V 120V												
(€ .	CUL US LISTED	CE	CUL US LISTED	CE	CUL US LISTED	CE	CUL US LISTED	CE	CUL US LISTED	C€	CUL US LISTED										
LED Board	rd***	LED Board***		LED E	Board***	Retrofit Bulb excl.		Retrofit Bulb excl.		LED E	Board***	LED (C.O.B.								
2000 L	Lm	254	45 Lm	1900 Lm		/		/		/		/		/		/		2545 Lm		150	00 Lm
19W	/	29	9,4W	2	1W	Max. 60W	Max. 100W	29	9,4W	1	9W										
105 Lm/	n/W	87	Lm/W	90	Lm/W		/	87	Lm/W	77,5 Lm/W											
3000K**	****	3000)K****	30	000K		/	3000)K****	30	000K										
80			90		95		/		90	Ġ	90										
20**	*	2	22**		22		/	2	22**	23 (Globe) / 12 (Spot)										
1 - 10)V	1 - 10V or	Dali (CE/CB)	Floor	dimmer		/	1 - 10V or	Dali (CE/CB)	1 - 10V or	Dali (CE/CB)										
50000	hr	500	000 hr	500	000 hr	/		500	000 hr	50000 hr											
incl.		i	ncl.	i	ncl.		/	incl.		incl.											
) Ð														

					5				LED Line 113 LED Line 225														
Ret	trofit	LED GI	obe/Spot	LED Glo	obe/Spot	LED Di	sk Ø 470	LED L	ine 113	LED Line 225													
220V 240V	110V 120V	220V 240V	110V 120V	220V 240V	110V 120V	220V 240V	110V 120V	220V 240V	110V 120V	220V 240V	110V 120V												
C€	CUL US LISTED	C€	CUL US LISTED	C€	CUL)US LISTED	US LISTED C C C US LISTED C C C US LISTED LED Board*** LED Line***		C€	CUL US LISTED														
Retrofit	Retrofit Bulb excl.		LED C.O.B.		LED C.O.B.		LED Board***		LED Board***		Line***	LED Line***											
	/	150	00 Lm	150	00 Lm	2545 Lm		2545 Lm		2545 Lm		2545 Lm		2545 Lm		2545 Lm		2545 Lm		230	00 Lm	460	00 Lm
Max. 60W	Max. 100W	1	19W	1	9W	2	9,4W	3	33W	6	65W												
	/	77,5	5 Lm/W	77,5	Lm/W	87	Lm/W	71 Lm/W		71	Lm/W												
	/	30	000К	30	000K	300	0K****	3000	DK****	3000K****													
	/		90	Ġ	90		90		90		90												
	/	23 (Globe	e) / 12 (Spot)	23 (Globe) / 12 (Spot)		22**		23	:	23												
	/	500	000 hr	500	000 hr	50	000 hr	500	000hr	500	000 hr												
	/	1 - 10V or	Dali (CE/CB)	1 - 10V or	Dali (CE/CB)	1 - 10V oi	Dali (CE/CB)	CE/CB) 1 - 10V****		1 - 1	0V****												
	/	i	ncl.	ir	ncl.		incl.	i	ncl.	iı	ncl.												
		-							\oplus														

BuzziTrom

(From end summer 2020)

BuzziZepp Light

BuzziSol

^{*****} other CCT values on request

Technical specifications at p. 56-71

10 — BuzziSpace Acoustic Lighting

PRODUCTS



BuzziBell — 012



BuzziChandelier — 014



BuzziCone — 016





BuzziDome — 018



BuzziHat — 022



BuzziJet — 026



BuzziJet Standing — 028



BuzziLight Mono — 030



BuzziMoon — 032



BuzziPleat Light — 036



BuzziProp — 040



BuzziShade — 042



BuzziShade Square — 046



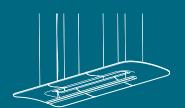
BuzziShade Standing — 048



BuzziSol — 050



BuzziTrom— 052



BuzziZepp Light — 054

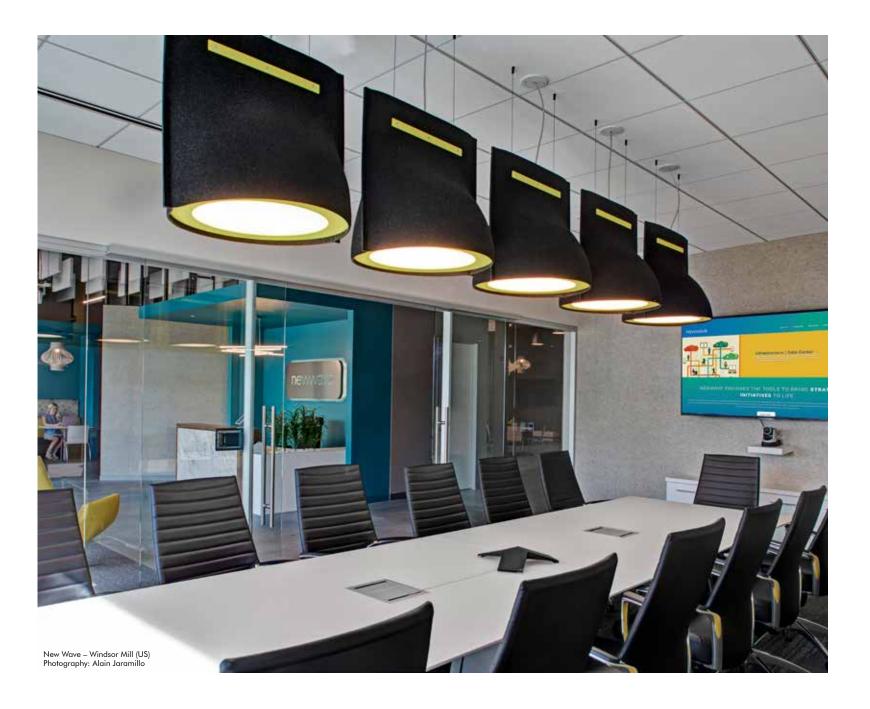
12-BuzziSpace Acoustic Lighting

BuzziBell

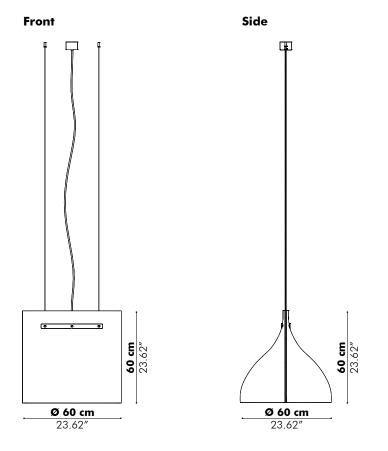
— by Chris Hardy

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 12 BuzziFelt colors. BuzziBell makes a statement in offices, restaurants, hotels, institutions and residences.



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 Lm

Color temperature: 3000K / 4000K on request

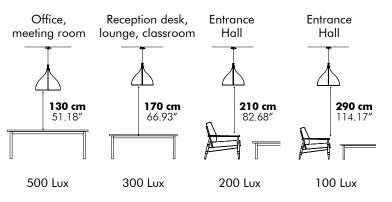
Color Rendering Index: 90 Dimming: 1-10V or Dali (CE/CB)

Diffuser: milky (URG22) or prismatic (UGR19) on request

CE/CB certified / cULus listed (Check lighting specifications on p. 56)

LUX levels

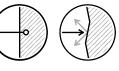
To enlighten your space with optimal LUX levels take following measures into account.



According to EN12464 (only on LUX levels) at full output

Acoustics

Acoustic Principles



Absorption Diffusion

Acoustic Performance



Mid Tones High Tones

How to order

BuzziFelt color Color frame Mounting option 14 — BuzziSpace Acoustic Lighting

BuzziChandelier — 15

BuzziChandelier

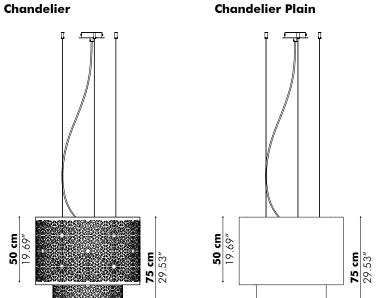
— by Sas Adriaenssens

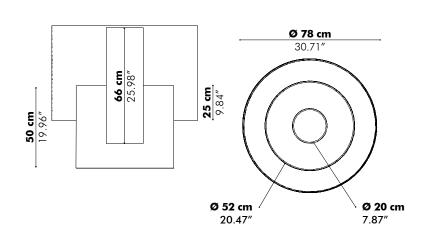
An eye-catching lighting solution

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





Finishes

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

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













16 — BuzziSpace Acoustic Lighting

BuzziCone — 17

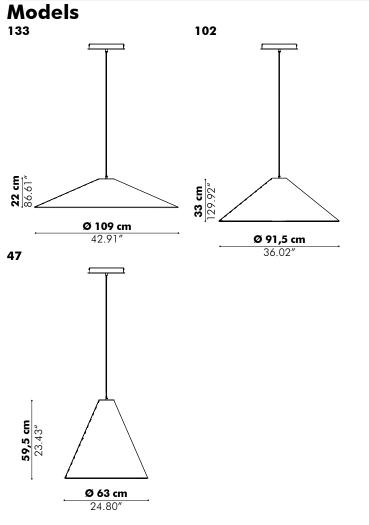
BuzziCone

— by BuzziSpace Studio

Conic and iconic

BuzziCone is a classic yet original noise-reducing lighting which offers the best of both worlds: light and silence. This cone-shape pendant in soft BuzziFelt offers elegant decorative light, being the perfect addition to any setting. Hang them individually or cluster them in different heights to delineate the ideal microenvironment. It can be fitted with a frosted glass globe or a spot for more direct lighting. Be creative by adding a layer of colorful fabric to the BuzziFelt shades (inside or outside).





Finishes

Metal frame in black (RAL 9005)

Shade in one layer of BuzziFelt finished with push buttons in glossy black Extra layer in fabric collection CAT A, C possible (inside or outside) (Check our application overview p. 88-89)

Mounting

Black metal ceiling canopy and black fabric power cable.



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

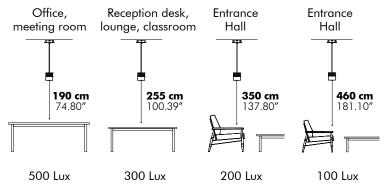
Light

Diffuser: Glass Globe or Reflector Spot

Input Voltage: 110 – 240V
Input Frequency: 50/60Hz
Lumen Output: 1500 Lm
Color Temperature: 3000K
Color Rendering Index: 90
Dimming: 1 - 10V or Dali (CE/CB)
CE/CB certified / cULus listed
(Check lighting specifications on p. 56)

LUX levels

LED Spot



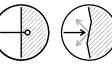
According to EN12464 (only on LUX levels) at full output

LED Globe

Only for decorative lighting effect.

Acoustics

Acoustic Principles



Absorption Diffusion

Acoustic Performance





Mid Tones High Tones

How to order

Model / Size
BuzziFelt Color
Option with extra layer fabric
Mounting option
Light option (Glass Globe or Reflector Spot)

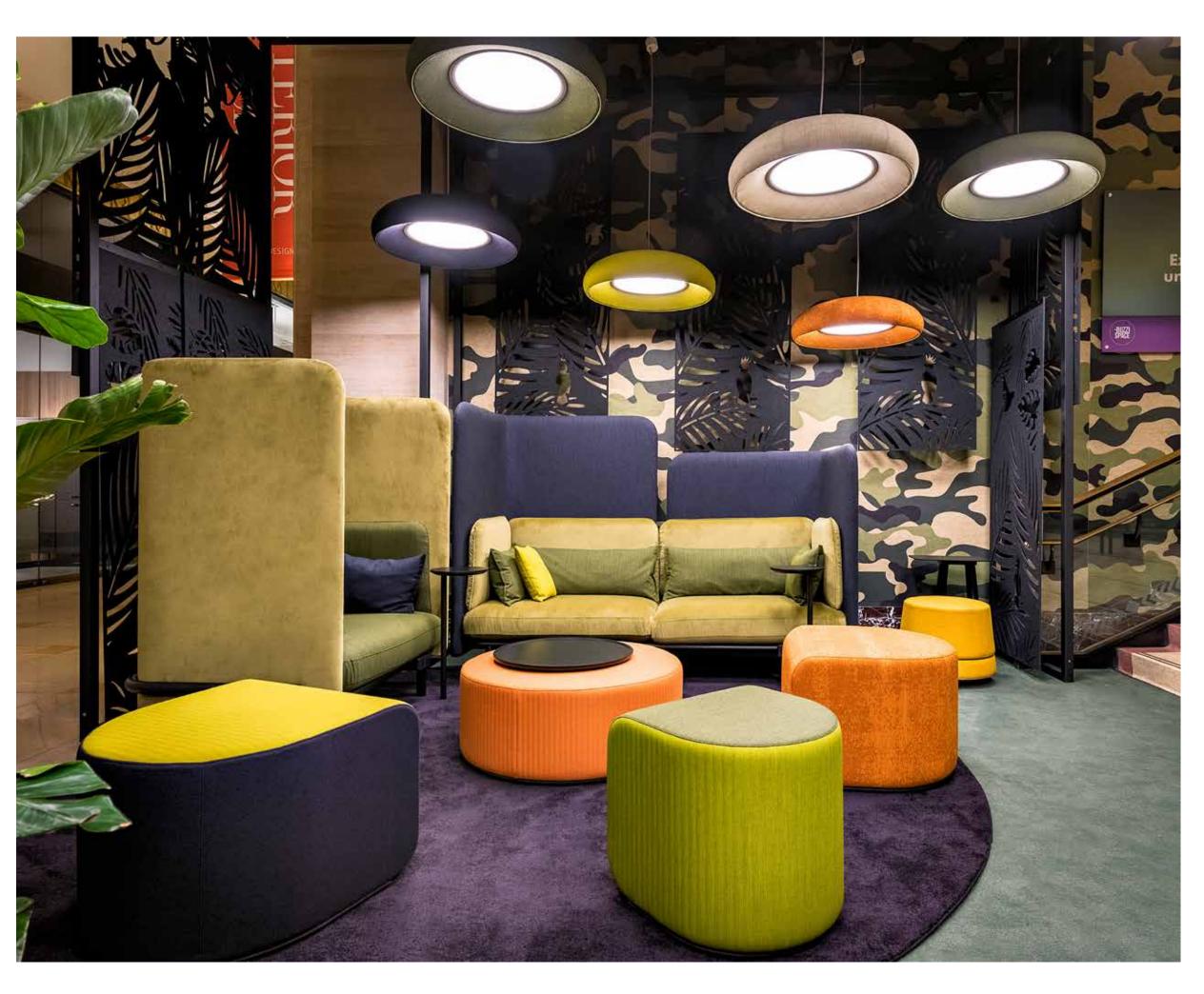
18 — BuzziSpace Acoustic Lighting BuzziDome — 19

BuzziDome

— by BuzziSpace Studio

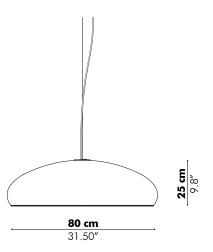
Temple of silence

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.



20 — BuzziSpace Acoustic Lighting BuzziDome — 21

Dimensions



Finishes

Acoustic foam upholstered element with integrated LED disk. Fabric collections CAT A, B, C, D and E (Check our application overview p. 88-89)

Mounting

White metal ceiling canopy and transparant power cable incl.



Ceiling Suspended Straight Fixing System Screw with 1 cable 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 Lm

Color Temperature: 3000K / 4000K on request

Color Rendering Index: 90

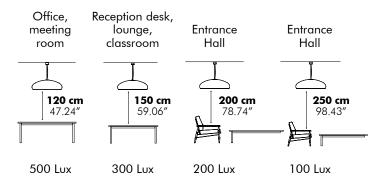
Dimming: 1-10V or Dali (CE/CB)
Diffuser: milky (UGR22) or prismatic (UGR19) on request

CE/CB certified / cULus listed

(Check lighting specifications on p. 56)

LUX levels

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



According to EN12464 (only on LUX levels) at full output

Acoustics

Acoustic Principles

Acoustic Performance









Absorption Diffusion

Low Tones Mid Tones High tones

How to order

Fabric (CAT > collection > color) Mounting option



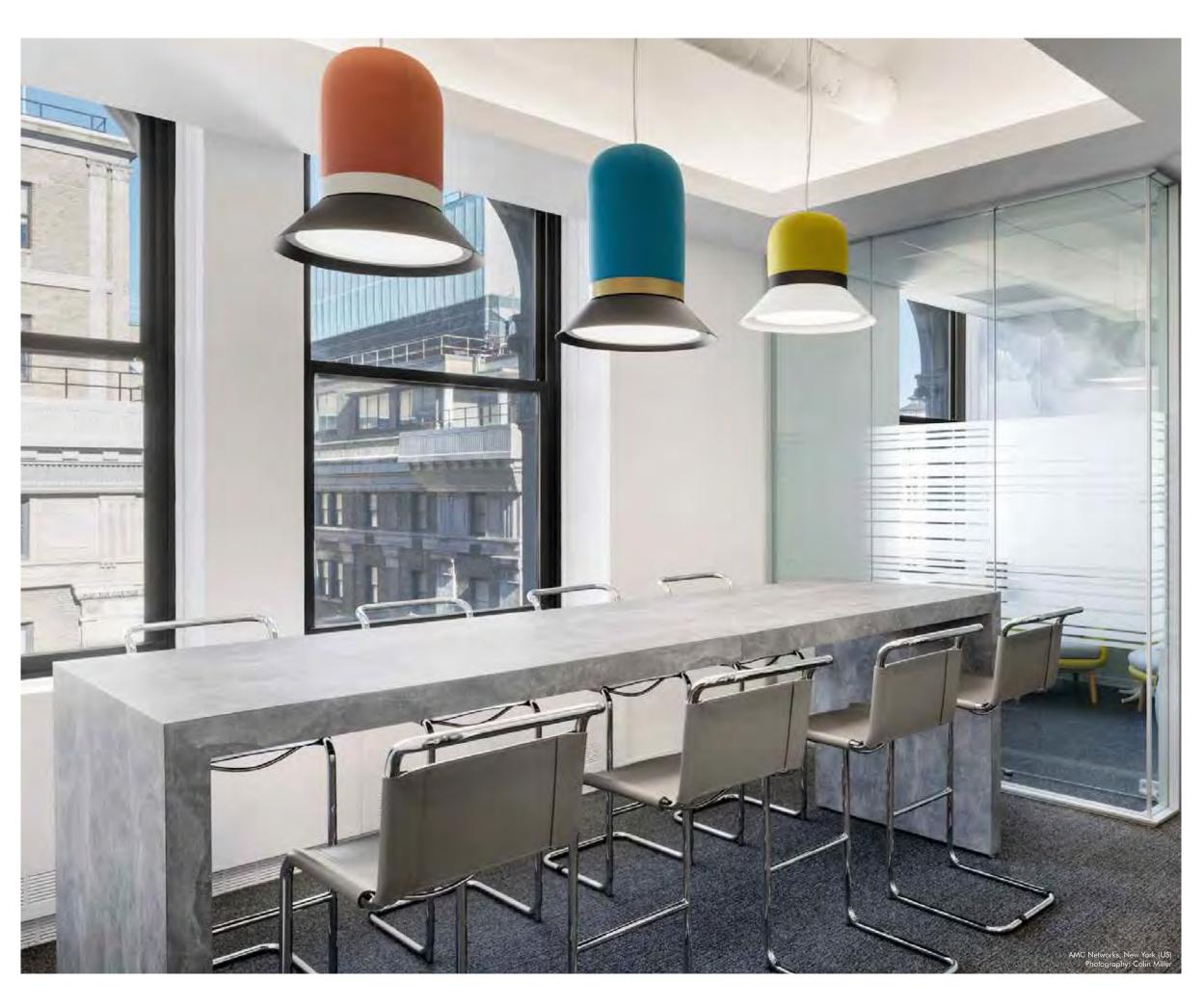


BuzziHat — 23 22 — BuzziSpace Acoustic Lighting

BuzziHat

— by Alain Gilles

Say goodbye to noisy environments
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 noisy environments which makes it the ultimate acoustic lighting for any office, lobby or restaurant that needs acoustic absorption treatment combined with high-quality lighting.



24- BuzziSpace Acoustic Lighting

Models 5 L Ø 30 cm 11.81" W 52 cm 20.47" XL Ø 30 cm 11.81" W 52 cm 20.47" XL Ø 30 cm 11.81" Ø 52 cm 20.47" Ø 52 cm 20.47"

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

Upholstery in tabric collections CAT A, B, C, D, (Check our application overview p. 88-89)

Mounting

White metal ceiling canopy and transparant power cable incl.



Ceiling Suspended.

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

20.47"

Light

Input Voltage: 110 - 240V Input Frequency: 50/60Hz Lumen Output: 2000 Lm Color Temperature: 3000K Color Rendering Index: 80 Dimming: 1-10V

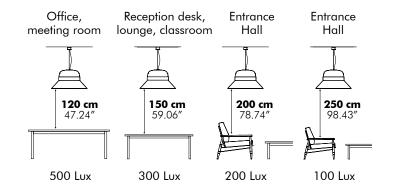
Diffuser: milky (UGR20) or prismatic (UGR19) on request

CE/CB certified / cULus listed

(Check lighting specifications on p. 56)

LUX levels

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



According to EN12464 (only on LUX levels) at full output

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











26 — BuzziSpace Acoustic Lighting

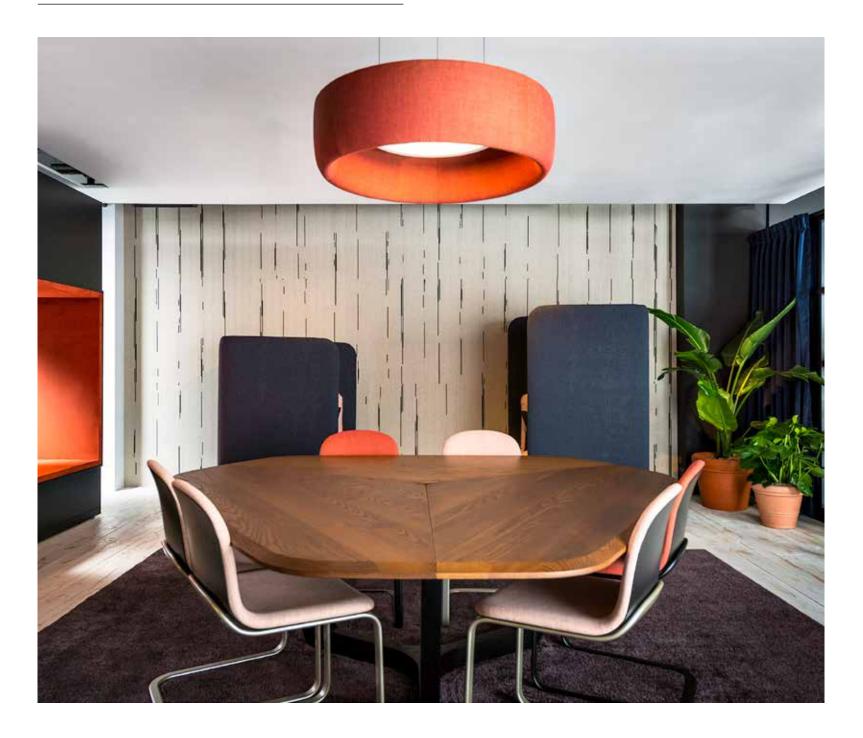
BuzziJet —

BuzziJet

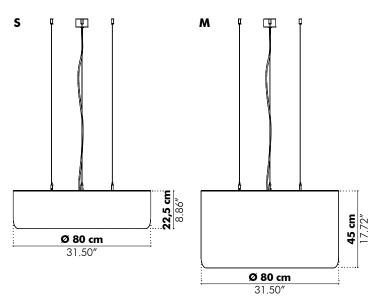
— by BuzziSpace Studio

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

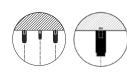


Finishes

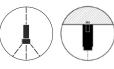
Metal frame in white (RAL 9010) Upholstery in fabric collections CAT A, B, C, D and E (Check our application overview p. 88-89)

Mounting

White metal ceiling canopy and transparant power cable incl.



Ceiling Suspended Straight
Fixing System Screw with 3 cables of 2 m 78.74" or 4 m - 157.48" (black or alu)



Ceiling Suspended Split
Fixing System Screw with 3 split cables
and 1 main cable, total length of 2 m 78.74" or 4 m - 157.48" (black or alu)

Light

Input Voltage: 110 - 240V Input Frequency: 50/60Hz Lumen Output: 2545 Lm

Color temperature: 3000K / 4000K on request

Color Rendering Index: 90 Dimming: 1-10V or Dali (CE/CB)

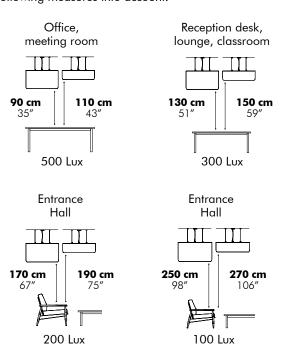
Diffuser: milky (UGR22) or prismatic (UGR19) on request

CE/CB certified / cULus listed

(Check lighting specifications on p. 56)

LUX levels

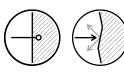
To enlight your workplace or room with optimal LUX levels take following measures into account.



According to EN12464 (only on LUX levels) at full output

Acoustics

Acoustic Principles



Absorption Diffusion

Acoustic Performance







Low Tones Mid Tones High Tones

How to order

Fabric (CAT > collection > color)
Mounting option
Size

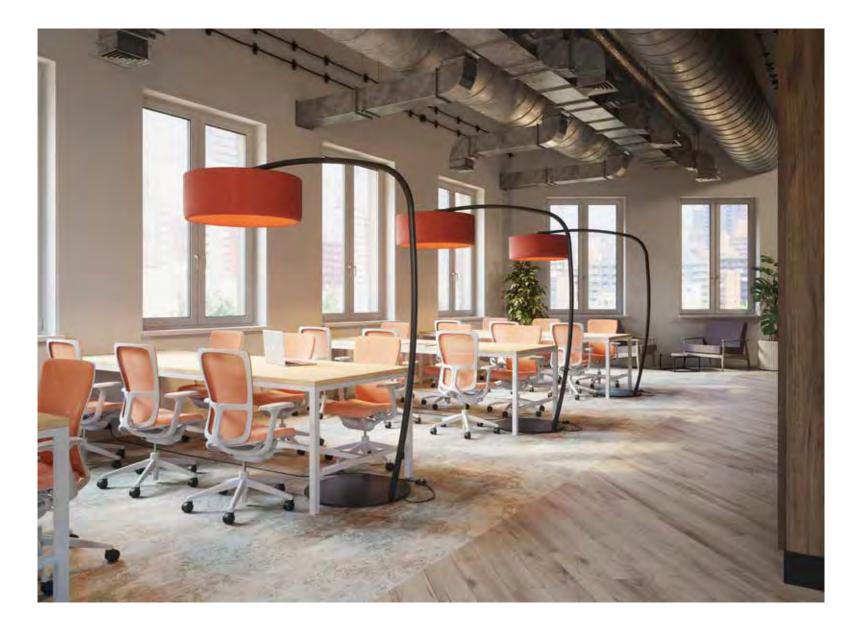
28 — BuzziSpace Acoustic Lighting BuzziJet Standing — 29

BuzziJet Standing

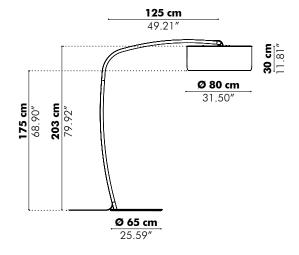
— by BuzziSpace Studio

Perfect curve

BuzziJet Standing is a simple and stylish add-on to any lounge area or break-out zone. Designed with flexible and open spaces in mind, this sound-absorbing floor lamp brings personality to the space while creating a cozy and calm atmosphere. Its upholstered body and aerodynamic design, supported by an elegant curvy frame, will let you experience the importance of good acoustics.



Models



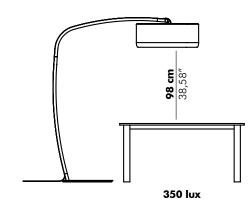
Finishes

Aluminum arch in black (RAL 9005)
Metal baseplate in black (RAL 9005)
Upholstered acoustic shade in fabric collection CAT A, B, C, D and E
Fabric power cable in Black or Red
(Check our application overview p. 88-89)

Light

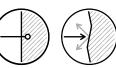
Wattage: 21W
Input Voltage: 120V - 240V
Input Frequency: 50/60Hz
Lumen Output: 1900 lumen
Color Temperature: 3000K
Color Rendering Index: >95
Dimming: Floordimmer
Unified Glare Rating: 22
CE/CB certified / cULus listed
(Check lighting specifications on p. 56)

Lux levels



Acoustics

Acoustic Principles



Absorption Diffusion

Acoustic Performance







Low Tones Mid Tones High Tones

How to order

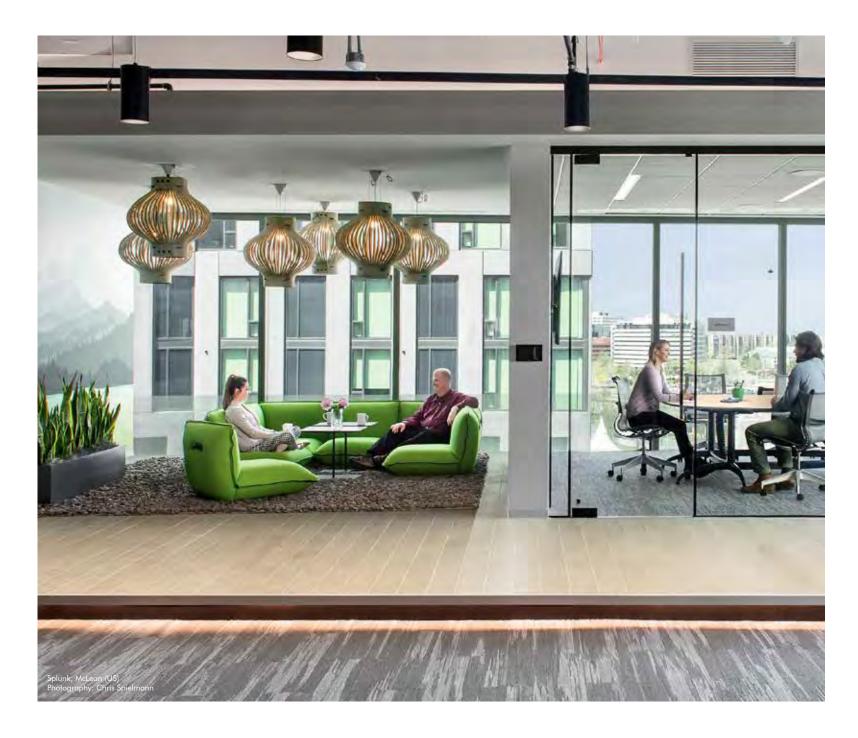
Color fabric power cable Fabric (CAT, collection, color) 30 — BuzziSpace Acoustic Lighting BuzziLight Mono — 31

BuzziLight Mono

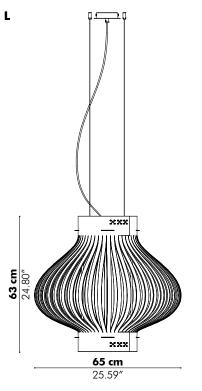
— by Sas Adriaenssens

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.



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

Acoustic Performance



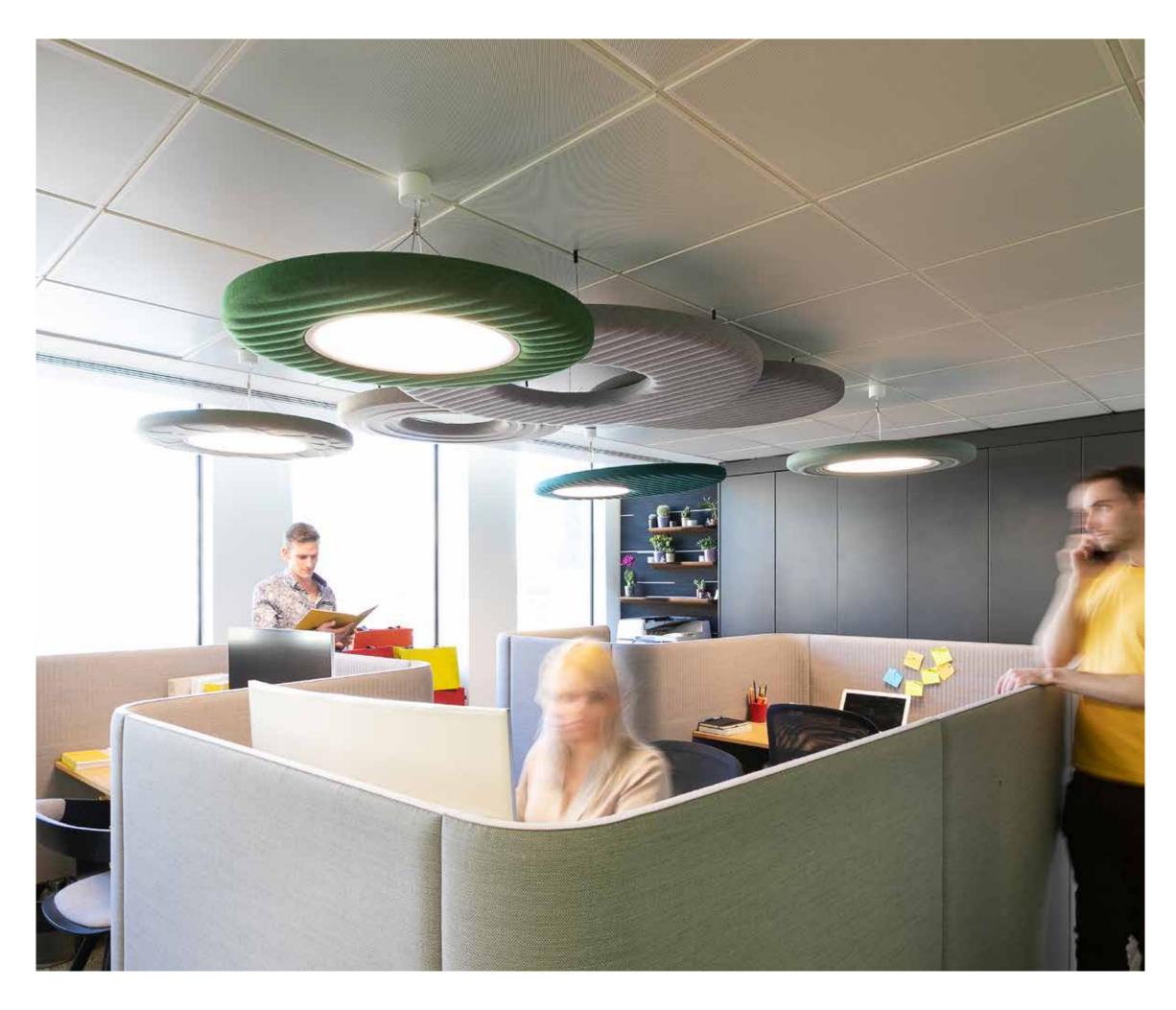


Mid Tones High Tones

How to order

BuzziFelt color Color lace Stitch Mounting option 32 — BuzziSpace Acoustic Lighting

BuzziMoon — 3



BuzziMoon

— by BuzziSpace Studio

Embedded light

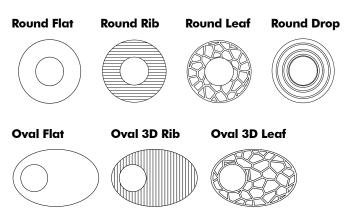
BuzziMoon offers the best of both worlds: highly functional general lighting embedded in a proven acoustic ceiling solution. The LED light module is designed specifically to answer the request for general lighting in office spaces. BuzziMoon can be finished off in different fabrics and various 3D patterns.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

34 — BuzziSpace Acoustic Lighting BuzziMoon — 35

Dimensions

Round Large Round Medium Round Small Ø 120 cm Ø 100 cm Ø 80 cm 47.24" 39.37" 31.50" Ø 45 cm 17.72" **6 cm** 2.36" **Oval Medium** 140 cm **Oval Small 80 cm** 31.50" **120 cm** 47.24" 6 cm

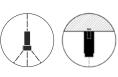
Patterns



2.36"

Mounting

White metal ceiling canopy and transparant power cable.



Ceiling Suspended Split Fixing System Screw with 3 cables of 4 m -157.48" (alu)*

* Moon Oval with additional cable & Fixing System Screw.

Finishes

Upholstery in fabric collections CAT A, B, C, D, E (Check our application overview p. 88-89)

Light

Input Voltage: 110 - 240V Input Frequency: 50/60Hz Lumen Output: 2545 Lm

Color temperature: 3000K / 4000K on request

Color Rendering Index: 90

Dimming: 1-10V or Dali (CE/CB)

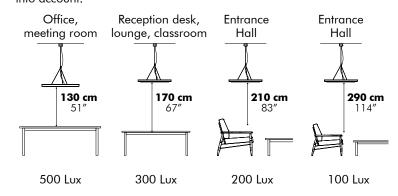
Diffuser: milky (UGR22) or prismatic (UGR19) on request

CE/CB certified / cULus listed

(Check lighting specifications on p. 56)

LUX levels

To enlighten your space with optimal LUX levels take following measures into account.



According to EN12464 (only on LUX levels) at full output

Acoustics

Acoustic Principles







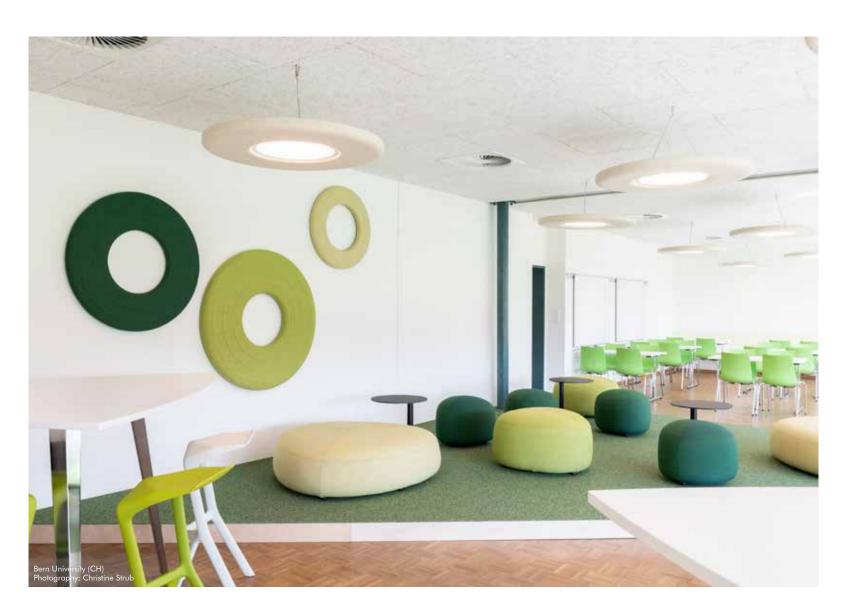
Absorption Diffusion

Mid Tones High Tones

Acoustic Performance

How to order

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



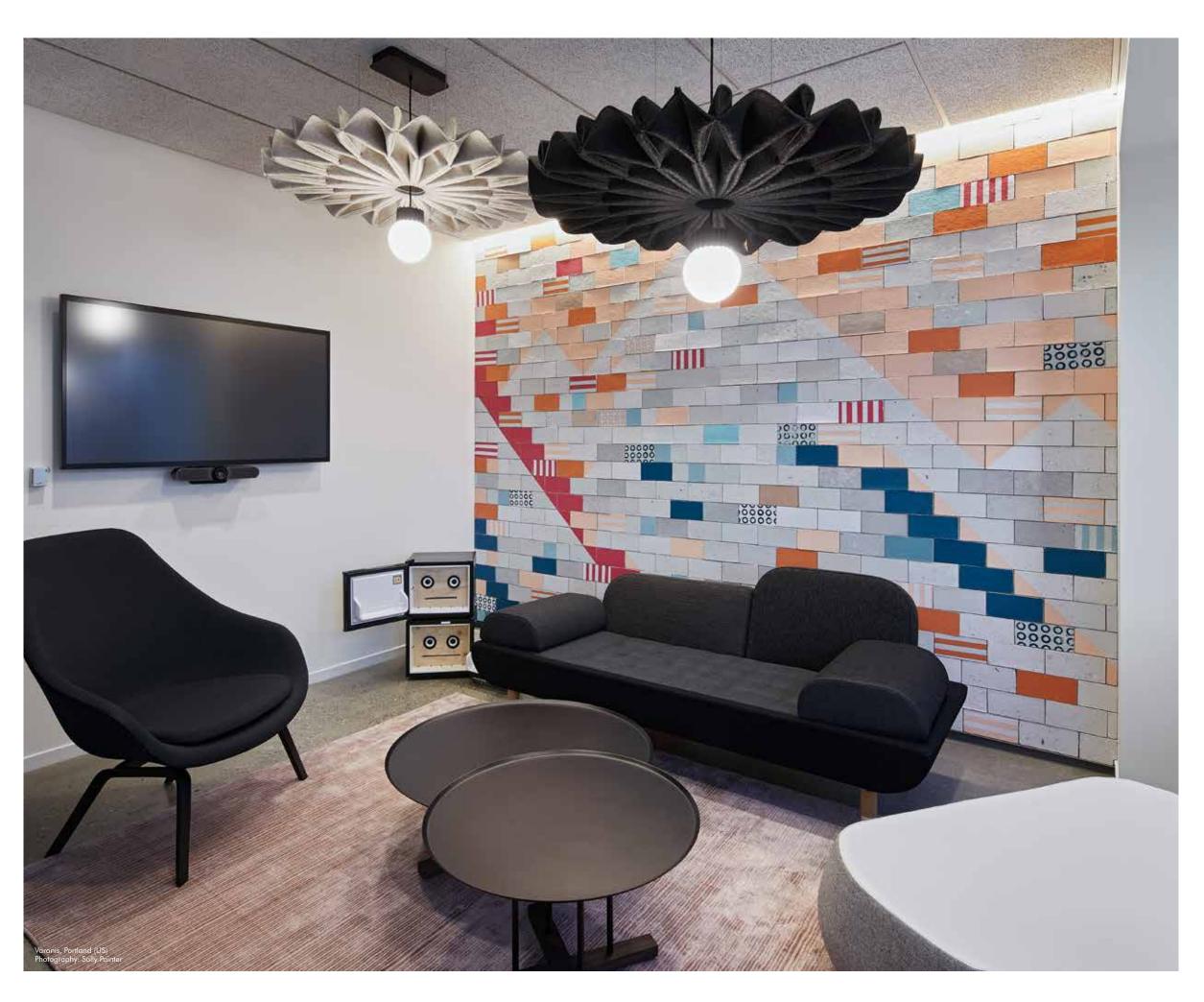


36 — BuzziSpace Acoustic Lighting BuzziPleat Light — 37

BuzziPleat Light

— by 13&9 Design and BuzziSpace Studio

Sculptural pendant enfolds silence and light
BuzziPleat, a dynamic series of acoustic solutions by 13&9
Design, 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 Light 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.



38 — BuzziSpace Acoustic Lighting BuzziPleat Light — 39

Dimensions

Ripple M Ripple L Ø 100 cm Ø 150 cm Edel M Edel L Ø 100 cm Ø 150 cm

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)

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

Diffuser: glass globe or reflector spot Input voltage: 110-240V

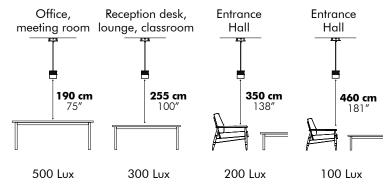
Input freq: 50/60 Hz Lumen Output: 1500 Lm Color Temperature: 3000K Color Rendering Index: 90 Dimming: 1-10V or Dali on request

LED Light source CE/CB certified / cULus listed (Check lighting specifications on p. 56)

LUX levels

To enlighten your space with optimal LUX levels take following measures into account.

LED Spot



LED Globe

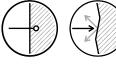


100 Lux

According to EN12464 (only on LUX levels) at full output

Acoustics

Acoustic Principles







Diffusion Absorption

Mid Tones High Tones

Acoustic Performance

How to order

Size Model Color lace Mounting option





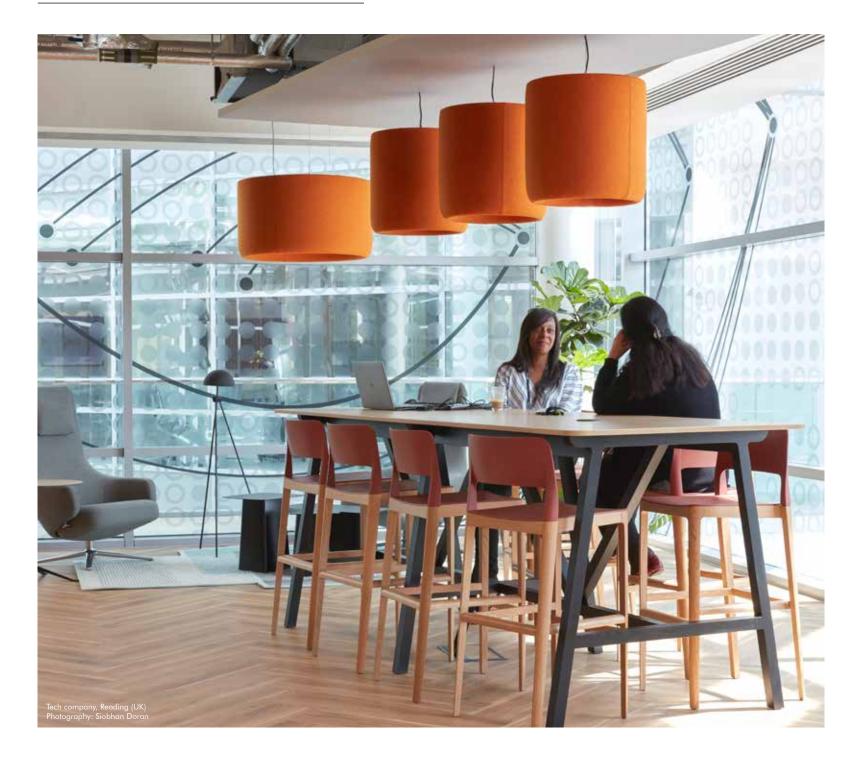
40 — BuzziSpace Acoustic Lighting BuzziProp — 41

BuzziProp

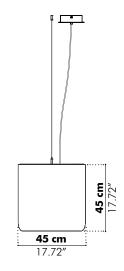
— by BuzziSpace Studio

Aerodynamic noise regulating light

Reminiscent of the tubular shape of a propeller, BuzziProp is an aerodynamic design with sound-absorbing 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. 88-89) LED Light source with powder-coated 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

Diffuser: glass globe or reflector spot Input Voltage: 110 - 240V

Input Frequency: 50/60Hz Lumen Output: 1500 Lm Color Temperature: 3000K Color Rendering Index: 90 Dimming: 1-10V or Dali on request

CE/CB certified / cULus listed (Check lighting specifications on p. 56)

Acoustics

Absorption

Acoustic Principles





Acoustic Performance







How to order

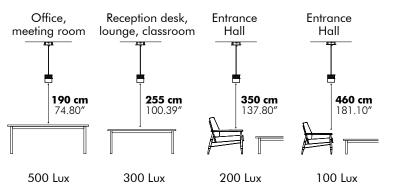
Fabric (CAT > collection > color) Mounting option

Diffusion

LUX levels

To enlighten your space with optimal LUX levels take following measures

LED Spot



According to EN12464 (only on LUX levels) at full output

LED Globe

Only for decorative lightning effect.

42 — BuzziSpace Acoustic Lighting BuzziShade — 43

BuzziShade

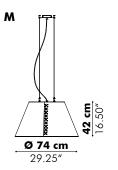
— by BuzziSpace Studio and Stal Collectief

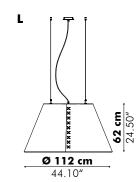
Lighting fixture in BuzziFelt

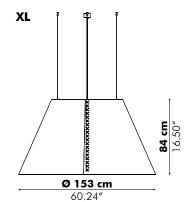
BuzziShade design prevents eavesdroppers from hearing your private conversations and reduces external noise levels to a minimum. BuzziShade is extremely versatile. A fantastic addition to any office, waiting room or restaurant, BuzziShade is designed with large-scale settings in mind. Be creative by adding a layer of colorful fabric to the BuzziFelt shades.



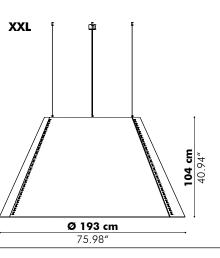
Models



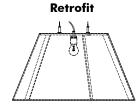




LED Spot



Light



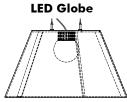
Available for M, L

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

Fabric power cable in black, red or orange (CE only)

Black or white metal ceiling canopy

CE/CB certified / cULus listed



Available for M, L

Input Voltage: 110 - 240V Input Frequency: 50/60Hz Lumen Output: 1500 Lm Color Temperature: 3000K Color Rendering Index: 90 Diffuser: glass globe or reflector spot Dimming: 1-10V or Dali on request

Black metal ceiling canopy. Fabric power cable in

plack

CE/CB certified / cULus listed



Available for XL, XXL

Input Voltage: 110 - 240V Input Frequency: 50/60Hz Lumen Output: 2545 Lm

Color Temperature: 3000K / 4000K on request Color Rendering Index: 90

Diffuser: milky (UGR22) or prismatic (UGR19)

on request

Dimming: 1-10V or Dali (CE/CB)

White metal ceiling canopy. Transparant cable

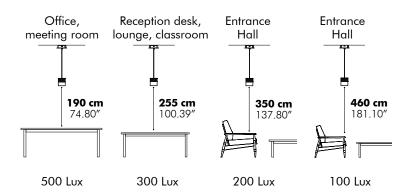
CE/CB certified / cULus listed

(Check lighting specifications on p. 56)

LUX levels

To enlighten your space with optimal LUX levels take following measures into account.

Spot



According to EN12464 (only on LUX levels) at full output

Globe

Only for decorative lighting effect.

44 — BuzziSpace Acoustic Lighting BuzziShade — 45

Finishes

Shade in one layer of BuzziFelt Extra layer in fabric collections CAT A, C possible inside or outside (Check our application overview p. 88-89)

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

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

Mounting

M/L



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

XL/XXL





Ceiling Suspended Straight Fixing System Screw with 3 cables of 2 m - 78.74" or 4 m - 157.48" (black or alu)

Acoustics

Acoustic Principles







Absorption

Diffusion

Mid Tones High Tones

Acoustic Performance

How to order

Size

Color frame

BuzziFelt color

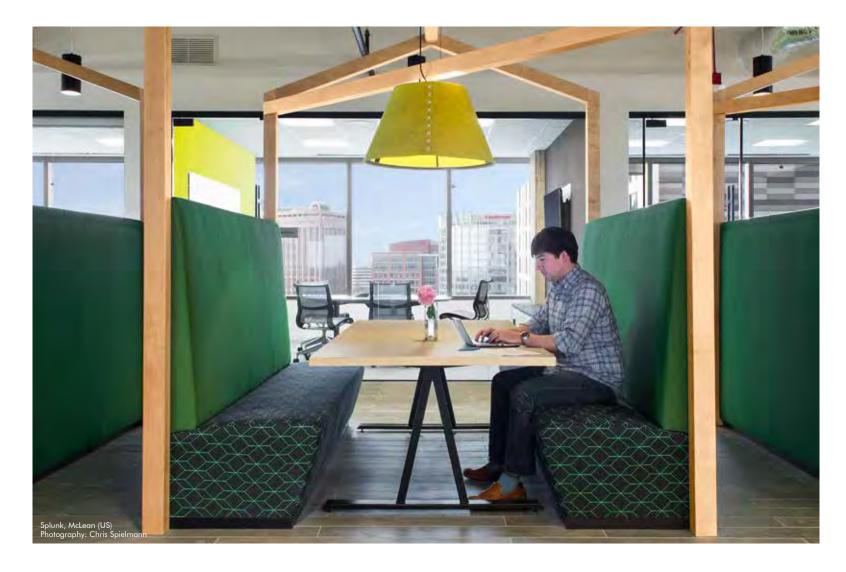
Option extra layer fabric (CAT > collection > color > inside or outside) Color lace

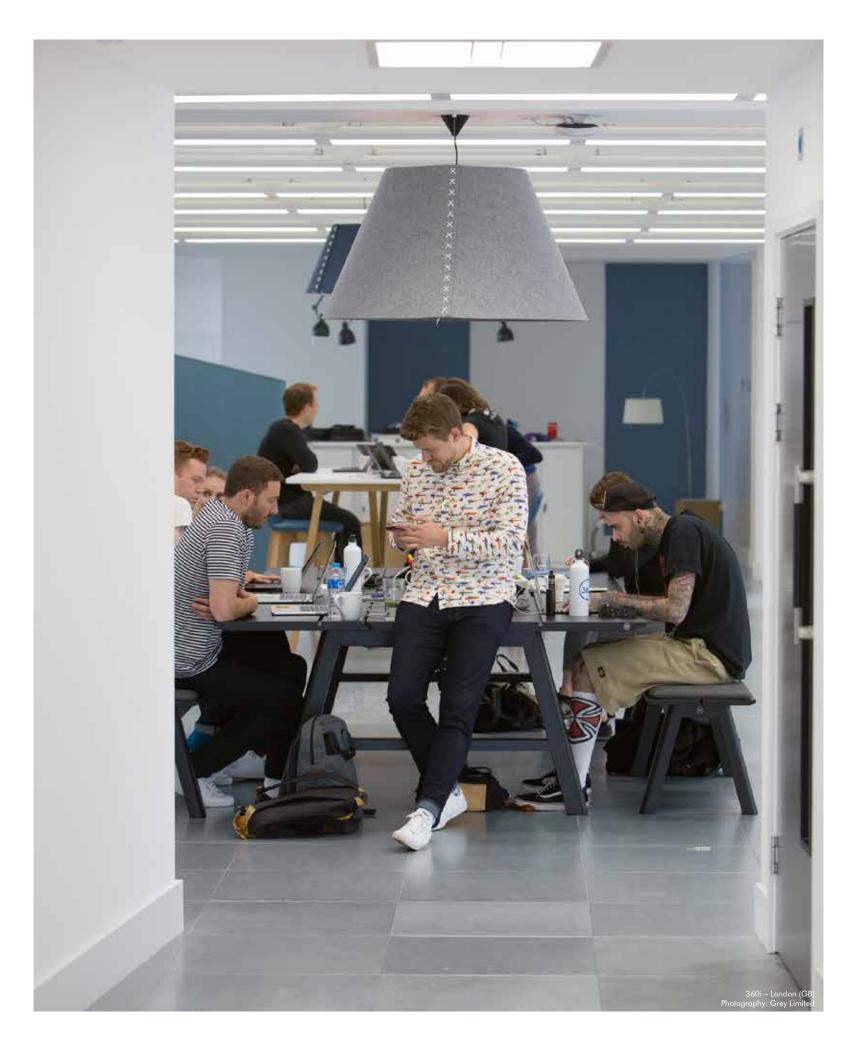
Mounting option

Light option

Color power cable (retrofit)

Color ceiling canopy (retrofit)





46 — BuzziSpace Acoustic Lighting BuzziShade Square — 47

BuzziShade Square

by BuzziSpace Studio and Stal Collectief

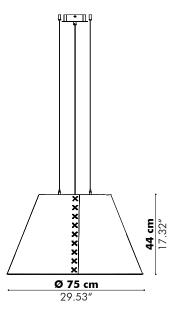
Noise-reducing pendant lighting with a twist

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 square pendants 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

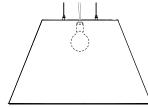




Mid Tones High Tones

Acoustic Performance

Light Retrofit



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

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

LED Spot





Input Voltage: 110 - 240V Input Frequency: 50/60Hz Lumen Output: 1500 Lm Color Temperature: 3000K Color Rendering Index: 90 Dimming: 1-10V or Dali on request

Black metal ceiling canopy Fabric power cable in black

CE/CB certified / cULus listed

(Check lighting specifications on p. 56)

Mounting

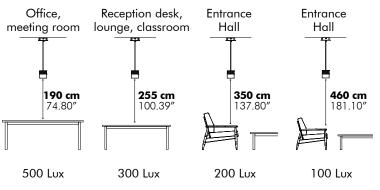


Ceiling Suspended
Fixing System Screw with 2 cables of 2 m - 78.74" or 5 m - 196.85" (black or alu)

LUX levels

To enlighten your space with optimal LUX levels take following measures into account.

Spot



Globe

Only for decorative lighting effect

According to EN12464 (only on LUX levels) at ful output

How to order

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

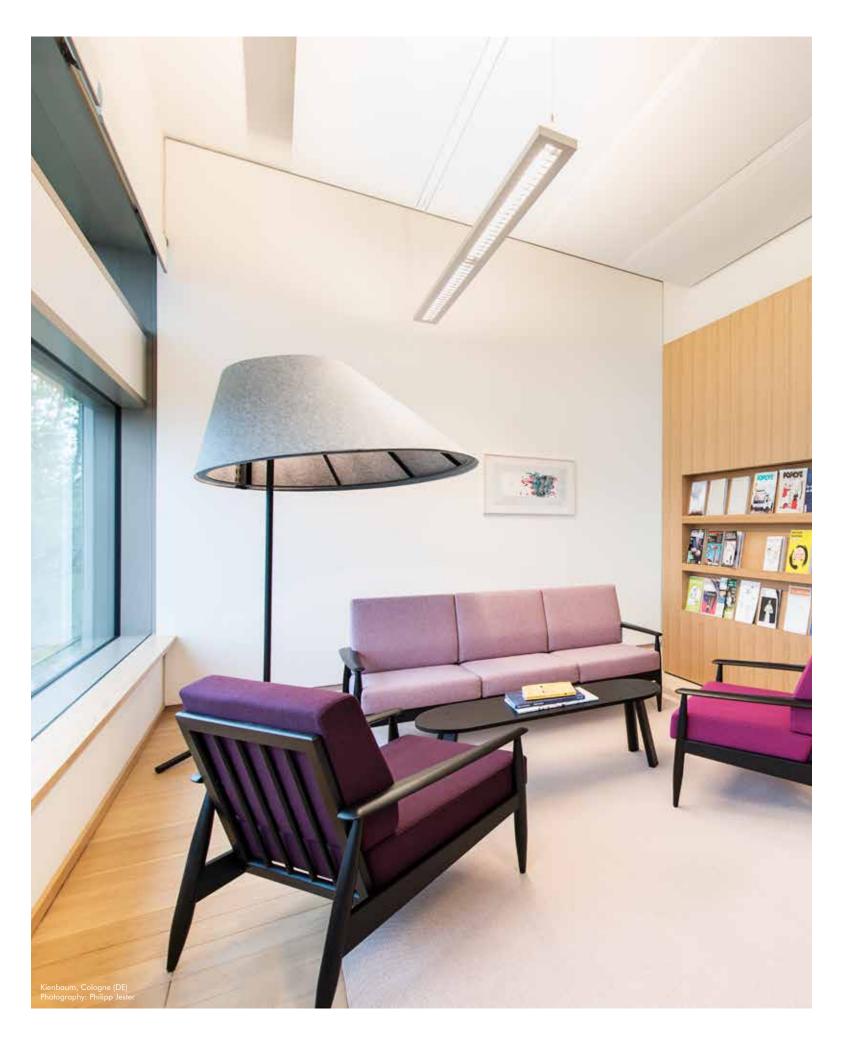
48 — BuzziSpace Acoustic Lighting BuzziShade Standing — 49

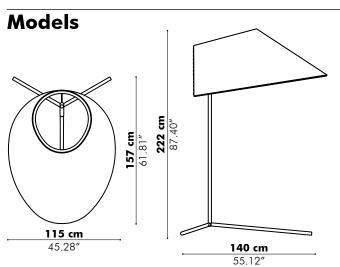
BuzziShade Standing

— by BuzziSpace Studio and Stal Collectief

Floor lamp in BuzziFelt

BuzziShade Standing offers decorative lighting and reduces external noise levels to a minimum. BuzziShade is extremely versatile. This floor lamp is an ideal add-on to 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.





Finishes

Metal frame in white (RAL 9010), black (RAL 9005) or fluorescent 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





Diffusion Absorption

Acoustic Performance





Mid Tones High Tones

How to order

Color frame BuzziFelt color Color lace Color power cable 50 — BuzziSpace Acoustic Lighting BuzziSol — 51

BuzziSol

— by BuzziSpace Studio

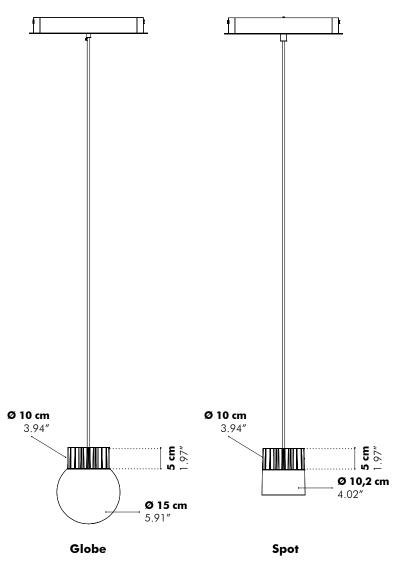
Shine bright

BuzziSol is a versatile and straightforward pendant light fixture. It can be fitted with a frosted glass globe for a decorative effect or with a reflector for more direct lighting. Both the LED Globe and the Spot are designed to complement existing acoustic lighting solutions, for instance, BuzziPleat, BuzziShade, BuzziProp, and more. Alternatively, use BuzziSol standalone as a unique lighting centerpiece. No boundaries!





Models



Finishes

Powder-coated metal heatsink in black (RAL 9005) Black fabric power cable

Mounting

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

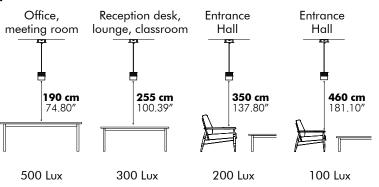
Light

Frosted glass globe or reflector spot.
Input Voltage: 220 - 240V
Input Frequency: 50/60Hz
Lumen Output: 1500 Lm
Color Temperature: 3000K
Color Rendering Index: 90
Diffuser: Glass globe or Reflector spot
Dimming: 1-10V or Dali on request
CE/CB certified / cULus listed
(Check lighting specifications on p. 56)

LUX levels

To enlighten your space with optimal LUX levels take following measures into account.

Spot



Globe



According to EN12464 (only on LUX levels) at full output

52 — BuzziSpace Acoustic Lighting BuzziTrom — 53

BuzziTrom

— by BuzziSpace Studio

A sweet melody

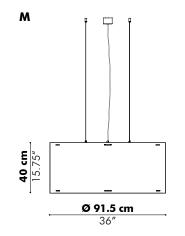
This circular acoustic pendant lamp lends a lightweight appearance to any space with its felt-covered frame. But don't be mistaken by the straightforward design. BuzziTrom is an acoustic powerhouse in disguise. The drum-shaped body, outfitted with a dual-layer of felt, holds enclosed air cavities that ensure maximum acoustic performance. The cylindrical design traps sound waves within the radius of the frame; meanwhile, the exterior helps diffuse sound energy. The BuzziSpace signature lacing has been replaced with versatile black push buttons to give BuzziTrom a contemporary expression that suits any modern space. Opt for a single color or upgrade to a bicolor version to bring out the playful character of BuzziTrom.

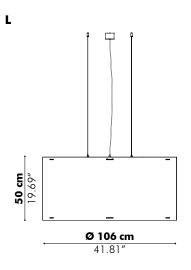




Models

 \Box **30 cm** Ø 71 cm 27.95"





Finishes

Metal frame in black (RAL 9005)

Shade with an inside and outside layer of BuzziFelt finished with push buttons in glossy black.

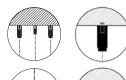
(Check application overview p. 88-89)

Options

Bicolor (inside or outside in different felt color)

Mounting

White metal ceiling canopy and transparant power cable incl.



Ceiling Suspended Straight Fixing System Screw with 3 cables of 2 m -78.74" or 4 m - 157.48" (black or alu)





Ceiling Suspended Split Fixing System Screw with 3 split cables and 1 main cable, total length of 2 m - 78.74" or 4 m - 157.48" (black or alu)

Light

Input Voltage: 220 - 240V Input Frequency: 50/60Hz Lumen output: 2545 Lm

Color temperature: 3000K / 4000K on request

Color Rendering Index: >90

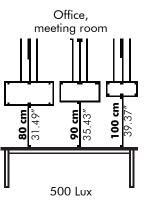
Dimming: 1-10V or Dali (CE/CB)

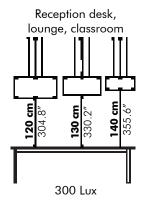
Diffuser: milky (URG22) or prismatic (UGR19) on request CE/CB certified / cULus listed (from end of summer 2020)

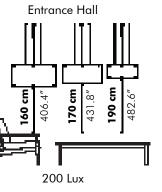
(Check lighting specifications on p. 56)

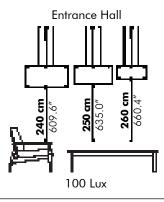
LUX levels

To enlighten your space with optimal LUX levels take following measures into account.









Acoustics

Acoustic Principles

Acoustic Performance







Diffusion Attenuation Mid Tones High Tones

How to order

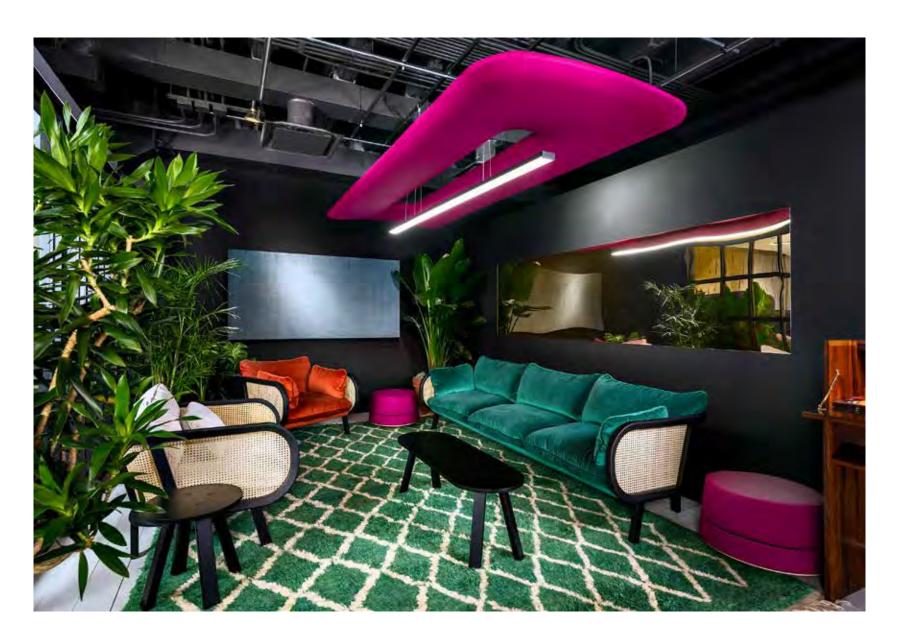
BuzziFelt Color inside BuzziFelt Color outside Mounting option Available from end of summer 2020 54 — BuzziSpace Acoustic Lighting BuzziZepp Light — 55

BuzziZepp Light

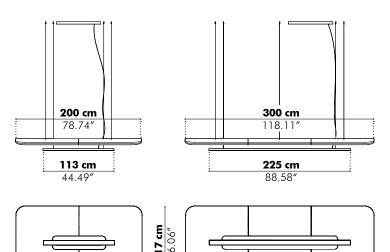
— by Alain Gilles and BuzziSpace Studio

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 (Check our application overview p. 88-89) Black LED Line

Mounting

Black metal ceiling canopy and transparant 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 Lm Lumen Output medium: 4600 Lm

Color Temperature: 3000K / 4000K & 2700K on request

Color Rendering Index: 90

Dimming: 1-10V or Dali on request CE/CB certified / cULus listed

(Check lighting specifications on p. 56)

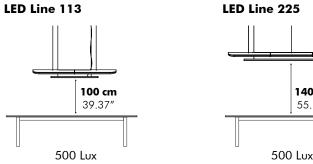
LUX levels

To enlighten your space with optimal LUX levels take following measures into account.

Office, meeting room

140 cm

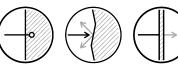
55.12"



According to EN12464 (only on LUX levels)

Acoustics

Acoustic Principles



Diffusion Attenuation Absorption

Acoustic Performance







Low Tones Mid Tones High Tones

How to order

Fabric (CAT > collection > color) Mounting option

56 — BuzziSpace Acoustic Lighting

LIGHTING SPECIFICATIONS

058 - 059 Application Overview

060 - 061	LED Globe
062 - 063	LED Spot
064 - 065	LED Line 113
066 - 067	LED Line 225
068 - 069	LED Disk Ø 46
070 - 071	LED Disk Ø 47



58 — Buzzi Space Acoustic Lighting Application overview — 59

APPLICATION OVERVIEW

Lighting specifications



Product		Retrofit	LED Globe	LED Spot	LED	Line	LED Disk Ø 460	LED Disk Ø 470
		Ren om		ELD opoi	113	225	LED DISK & 400	LED DISK S 470
BuzziBell		0	0	0	0	0	0	•
BuzziChandelier		•	0	0	0	0	0	0
BuzziCone		0	•	•	0	0	0	0
BuzziDome		0	0	0	0	0	0	Ø
BuzziHat		0	0	0	0	0	•	0
BuzziJet		0	0	0	0	0	0	•
BuzziJet Standing		0	0	0	0	0	0	•
BuzziLight Mono		•	0	0	0	0	0	0
BuzziMoon		0	0	0	0	0	0	0
BuzziPleat Light		0	•	•	0	0	0	0
BuzziProp		0	•	•	0	0	0	0
BuzziShade	M & L	•	•	•	0	0	0	0
	XL & XXL	0	0	0	0	0	0	•
BuzziShade Square		•	•	•	0	0	0	0
BuzziShade Standing		•	0	0	0	0	0	0
BuzziTrom		0	0	0	0	0	0	•
BuzziZepp Light	М	0	0	0	•	0	0	0
	L	0	0	0	0	•	0	0

LIGHTING SPECIFICATIONS

LED Globe

LED Spot LED Line 113

LED Line 225 LED Disk Ø 460

LED Disk Ø 470

LED Globe

Products









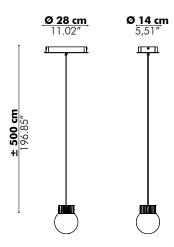
BuzziCone

BuzziShade M&L

BuzziShade BuzziProp Square

BuzziPleat Light

Description



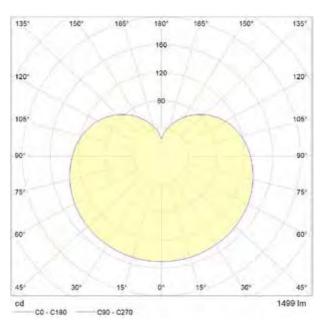
BuzziSpace LED Globe is a suspended LED fixture consisting of a powder-coated black heatsink with a LED chip on board (COB) light source. A frosted glass globe diffuser spreads the light in a large beam angle, enlighting the surroundings or the inside of our upholstered shades.

The LED Globe is offered as a separate light fixture, BuzziSol Globe, or combined or integrated into a shade or acoustic body to make a complete luminaire.

Technical Characteristics

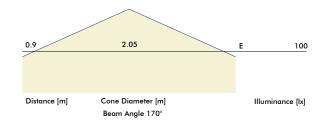
Lamp	1 x LED C.O.B.
Gear / Transfo	LED gear incl.
Gear settings	Set at 500mA
Luminaire power	19W
Color temperature	3000K
Power supply	230V
IP	IP20
Source lifetime	50.000 hrs L70
CRI	90
Lumen output	1500 Lm (LED source)
Efficacy	87 Lm/w
Dimmability	1 - 10V or Dali (CE/CB)
UGR	23
MacAdam	3 SDCM
Beam angle	170° (non directional)

Photometric data



							_				
Glare	evalu	ıatioı	n acc	cordin	ng to	UGF	2				
ρ Ceilir	ng	70	70	50	50	30	70	70	50	50	30
ρ Walls		50	30	50	30	30	50	30	50	30	30
ρ Floor		20	20	20	20	20	20	20	20	20	20
Room		Viewi			right ar	igles	Vie	wing d			lel
Х	Υ		to	lamp a	cis			to I	amp a	xis	
2H	2H	17.4	18.4	18.2	19.2	20.3	17.4	18.4	18.2	19.2	20.3
	3H	19.8	20.8	20.7	21.6	22.7	19.8	20.8	20.7	21.6	22.7
	4H	21.1	22.0	22.0	22.9	24.0	21.1	22.0	22.0	22.9	24.0
	6H	22.4	23.3	23.3	24.1	25.2	22.4	23.3	23.3	24.1	25.2
	8H	23.1	23.9	23.9	24.7	25.9	23.1	23.9	23.9	24.7	25.9
	12H	23.7	24.5	24.6	25.4	26.5	23.7	24.5	24.6	25.4	26.5
4H	2H	18.1	19.0	18.9	19.8	20.9	18.1	19.0	18.9	19.8	20.9
	3H	20.7	21.5	21.6	22.4	23.5	20.7	21.5	21.6	22.4	23.5
	4H	22.1	22.8	23.0	23.7	24.9	22.1	22.8	23.0	23.7	24.9
	6H	23.6	24.2	24.5	25.1	26.3	23.6	24.2	24.5	25.1	26.3
	8H	24.3	24.9	25.2	25.8	27.0	24.3	24.9	25.2	25.8	27.0
	12H	25.1	25.6	26.0	26.5	27.7	25.1	25.6	26.0	26.5	27.7
8H	4H	22.6	23.2	23.5	24.1	25.3	22.6	23.2	23.5	24.1	25.3
	6H	24.3	24.7	25.2	25.7	26.9	24.3	24.7	25.2	25.7	26.9
	8H	25.1	25.6	26.1	26.5	27.7	25.1	25.6	26.1	26.5	27.7
	12H	26.0	26.4	27.0	27.4	28.6	26.0	26.4	27.0	27.4	28.6
12H	4H	22.7	23.2	23.6	24.1	25.3	22.7	23.2	23.6	24.1	25.3
	6H	24.4	24.9	25.4	25.8	27.0	24.4	24.9	25.4	25.8	27.0
	8H	25.4	25.8	26.3	26.7	28.0	25.4	25.8	26.3	26.7	28.0
Variation	n of the ol	server	positio	n for the	e lumina	aire dist	ances S	3			
S = 1	I OH		+0	1 / -	0 1			+0	1 / -	0.1	
S = 1				2 / -					2 / -		
S = 2			+0.		0.3			+0.			
Standar	d table			BK11			BK11				
Compositor	Summand			10.7					10.7		
JoineCoon	ournifiella			10.7					10.7		
Correcte	ed glare ir	ndices r	eferring	to 149	9lm Tot	al lumin	ous flu	x			

The UGR values are calculated in acc. with CIE Publ. 117. Spacing-to-height ratio = 0.25



LIGHTING SPECIFICATIONS

LED Globe

LED Spot

LED Line 113

LED Line 225

LED Disk Ø 460

LED Disk Ø 470

LED Spot

Products









BuzziPleat

Light

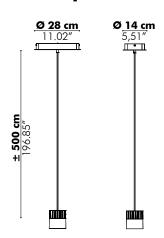
BuzziCone

BuzziShade M&L

BuzziShade Square

BuzziProp

Description



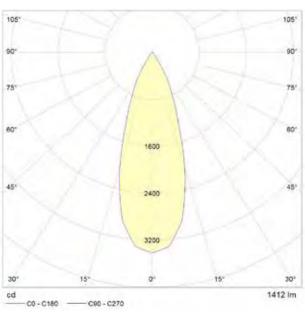
BuzziSpace LED Spot is a suspended LED fixture consisting of a powder-coated black heatsink with a LED chip on board (COB) light source. A reflector spot adaptor directs the light with a beam angle of 38° downwards.

The LED Spot is offered as a separate light fixture, BuzziSol Spot, or combined or integrated into a shade or acoustic body to make a complete luminaire.

Technical Characteristics

Lamp	1 x LED C.O.B.
Gear / Transfo	LED gear incl.
Gear settings	Set at 500mA
Luminaire power	19W
Color temperature	3000K
Power supply	230V
IP	IP20
Source lifetime	50.000 hrs L70
CRI	90
Lumen output	1500 Lm (LED source)
Efficacy	87 Lm/w
Dimmability	1 - 10V or Dali (CE/CB)
UGR	12
MacAdam	3 SDCM
Beam angle	38° (reflector)

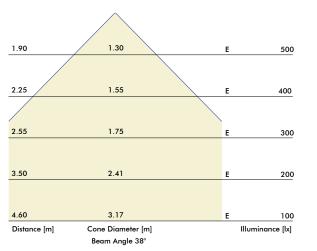
Photometric data



							-				
Glare	evalu	ıatioı	n acc	ordir	ng to	UGF	2				
ρ Ceilin	a	70	70	50	50	30	70	70	50	50	30
ρ Walls		50	30	50	30	30	50	30	50	30	30
ρ Floor		20	20	20	20	20	20	20	20	20	20
Room X	size Y	Viewing direction at right angles to lamp axis						wing d to I	irection amp a		lel
2H	2H 3H	11.3 11.3	12.0 11.9	11.6 11.6	12.2 12.1	12.4 12.4	11.3 11.3	11.9 11.9	11.5 11.6	12.1 12.1	12.4 12.4
	4H 6H 8H	11.3 11.3 11.2	11.8 11.8 11.7	11.6 11.6 11.6	12.1 12.1 12.0	12.4 12.4 12.3	11.3 11.3 11.2	11.8 11.8 11.7	11.6 11.6 11.6	12.1 12.1 12.0	12.4 12.4 12.3
	12H	11.2	11.7	11.6	12.0	12.3	11.2	11.7	11.6	12.0	12.3
4H	2H 3H 4H	11.2 11.2 11.2	11.7 11.7 11.6	11.5 11.5 11.6	12.0 12.0 12.0	12.2 12.3 12.3	11.2 11.2 11.2	11.7 11.6 11.6	11.5 11.5 11.6	12.0 12.0 11.9	12.2 12.3 12.3
	6H 8H 12H	11.2 11.2 11.2	11.6 11.5 11.5	11.6 11.6 11.6	11.9 11.9 11.9	12.3 12.3 12.3	11.2 11.2 11.2	11.5 11.5 11.4	11.6 11.6 11.6	11.9 11.9 11.9	12.3 12.3 12.3
8H	4H 6H 8H	11.1 11.2 11.2	11.4 11.4 11.3	11.6 11.6 11.6	11.8 11.8 11.8	12.2 12.3 12.3	11.1 11.2 11.2	11.4 11.4 11.3	11.6 11.6 11.6	11.8 11.8 11.8	12.2 12.3 12.3
12H		11.2	11.3	11.6	11.8	12.3	11.1	11.3	11.6	11.8	12.3
	6H 8H	11.1	11.3 11.3	11.6 11.6	11.8 11.8	12.2	11.1	11.3 11.3	11.6 11.6	11.8 11.7	12.2
Variation	of the ol	bserver	positio	n for the	e lumina	aire dist	ances S	6			
S = 1. S = 1. S = 2	.5H		+8.	9 / - 6 / - .6 / -	5.5				9 / - 8 / - .6 / -	5.5	
Standard	d table	BK00					BK00				
Correction Summand -7.1						-7.1					
Correcte	d glare ir	ndices	eferring	to 141	2lm Tot	al lumin	ous flu	ĸ			

Corrected glare indices reterring to 1412lm lotal luminous flux

The UGR values are calculated in acc. with CIE Publ. 117. Spacing-to-height ratio = 0.25



LIGHTING SPECIFICATIONS

LED Globe LED Spot

LED Line 113

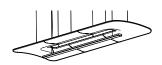
LED Line 225

LED Disk Ø 460

LED Disk Ø 470

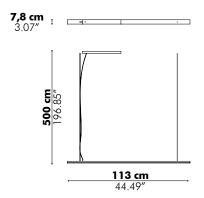
LED Line 113

Products



BuzziZepp Light S

Description

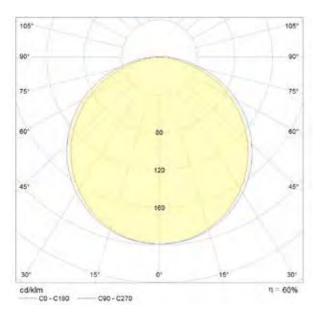


BuzziSpace LED Line 113 is a slim U-shaped LED profile for continuous direct lighting. The unit consists of a powder-coated black profile finished with a polycarbonate diffuser. The light source is a LED strip, made to perfectly fit the size of the LED line 113.

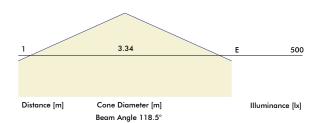
Technical Characteristics

Lamp	1 x LED strip				
Gear / Transfo	LED gear incl.				
Luminaire power	33W				
	3000K				
Color temperature	2700K / 4000K (on request)				
Power supply	230V				
IP	IP20				
Source lifetime	50000hrs L80 B10				
CRI	90				
Lumen output	2300 Lm (Luminaire)				
Efficacy	71 Lm/w				
Dimmability	1-10V or Dali on request				
UGR	23				
MacAdam	3 SDCM				
Beam angle	118.2°				

Photometric data



_p Ceiling		70	70	50	.50	30	70	70	50	50	30		
_p Wate		50	30	50	30	30	50	30	50	30	30		
e Floor		20	20	20	20	20	20	20	20	20	20		
Room size X Y		Viewing direction at right engine to lamp axis						Viewing direction parallel to lamp axis					
24	2H 3H 4H 6H 6H 12H	19.1 20.6 21.2 21.6 21.7 21.8	20.4 21.9 22.4 22.7 22.8 22.8	19.4 21.0 21.6 22.0 22.1 22.2	20.7 22.1 22.7 23.0 23.1 23.1	20.9 22.4 23.0 23.4 23.4 23.5	19.2 20.5 21.5 22.0 22.2 22.3	20.5 22.0 22.6 23.0 23.2 23.3	19.5 21.1 21.8 22.3 22.5 22.7	20.6 22.3 32.9 23.4 23.5 23.6	21.0 22.6 23.2 23.7 23.9 24.0		
411	2H 3H 4H 6H 8H 12H	19.8 21.5 22.2 22.8 22.9 23.0	20.9 22.5 23.1 23.6 23.6 23.6 23.6	20.2 21.9 22.7 23.2 23.4 23.5	21.2 22.9 23.5 23.9 24.0 24.1	21.6 23.2 23.9 24.3 24.5 24.5	19.9 21.7 22.5 23.1 23.3 23.5	21.0 22.7 23.3 23.9 24.1 24.2	20.2 22.1 22.9 23.6 23.6 24.0	21.3 23.0 23.7 24.3 24.5 24.6	21.6 23.4 24.1 24.7 24.9 25.1		
ВН	4H 6H 6H 12H	22.6 23.2 23.4 23.6	23.3 23.8 23.9 24.0	23.0 23.7 23.9 24.1	23.7 24.2 24.4 24.5	24.1 24.7 24.9 25.0	22.8 23.5 23.9 24.2	23.5 24.1 24.4 24.6	23.2 24.0 24.4 24.7	23.9 24.6 24.8 25.1	24.3 25.0 25.3 25.6		
1214	4H 6H 8H	22.6 23.3 23.6	23.2 23.8 24.0	23.0 23.8 24.1	23.7 24.3 24.5	24.1 24.8 25.0	22.6 23.6 24.0	23,4 24,1 24,4	23.2 24.1 24.5	23.8 24.6 24.9	24.3 25.1 25.4		
Veriation of Its	observer	position to	r the luna	erre dista	xeS								
S = 1.0H S = 1.5H S = 2.0H		+0.1 / -0.1 +0.2 / -0.3 +0.4 / -0.7					+0.1 / -0.1 +0.2 / -0.3 +0.4 / -0.6						
Standard toble		еков					BK06						



LIGHTING **SPECIFICATIONS**

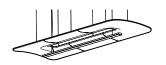
LED Globe LED Spot LED Line 113

LED Line 225

LED Disk Ø 460 LED Disk Ø 470

LED Line 225

Products



BuzziZepp Light M

Description

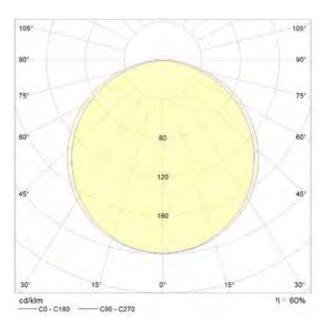


BuzziSpace LED Line 225 is a slim U-shaped LED profile for continuous direct lighting. The unit consists of a powder-coated black profile finished with a polycarbonate diffuser. The light source is a LED strip, made to perfectly fit the size of the LED Line 225.

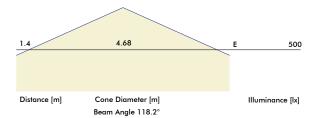
Technical Characteristics

Lamp	1 x LED strip				
Gear / Transfo	LED gear incl.				
Gear settings	Set at 700mA				
Luminaire power	65W				
	3000K				
Color temperature	2700K / 4000K (on request)				
Power supply	230V				
IP	IP20				
Source lifetime	50000hrs L80 B10				
CRI	90				
Lumen output	4600 Lm				
Efficacy	71Lm/w				
Dimmability	1-10V or Dali on request				
UGR	23				
MacAdam	3 SDCM				
Beam angle	118.2°				

Photometric data



p Celling		70	70	50	- 50	- 30	70	70	50	50	30	
p Walls		50	30	50	30	30	50	30	50	30	30	
p Floor		20	20	20	29	20	20	20	20	20	20	
Room size X Y		Viewing direction at right angles to lamp axis						Viewing direction parallel to lamp axis.				
2н	2H 3H 4H 6H 8H 15H	19.2 20.8 21.6 22.0 22.2 22.3	20.5 22.0 22.6 23.0 23.2 23.3	19.5 21.1 21.8 22.4 22.5 22.7	20.8 22.3 22.9 23.4 23.5 23.6	21.0 22.6 23.2 23.7 23.9 24.0	19.1 20.7 21.3 21.7 21.6 21.8	20.5 21.9 22.4 22.7 22.8 22.8	19.4 21.0 21.6 22.0 22.2 22.2	20.7 22.2 22.7 23.0 23.1 23.2	21.0 22.0 23.0 23.0 23.0 23.0 23.0	
4H	3.7 4 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	19.9 21.7 22.5 23.1 23.4 23.6	21.0 22.7 23.3 23.9 24.1 24.2	20.2 22.1 22.9 23.5 23.0 24.0	21.3 23.0 23.7 24.3 24.5 24.6	21.6 23.4 24.1 24.7 24.9 25.1	19.8 21.5 22.3 22.8 22.9 23.0	21.0 22.5 23.1 23.5 23.6 23.7	20.2 21.9 22.7 23.2 23.4 23.5	21.3 22.9 23.5 23.9 24.1 24.1	21 23 23 24 24 24 24	
вн	4H 6H 8H 12H	22.8 23.5 23.9 24.2	23.5 24.1 24.4 24.6	23.2 24.0 24.4 24.7	23.9 24.6 24.9 25.1	24.3 25.1 25.4 26.6	22.6 23.2 23.5 23.6	23.3 23.8 24.0 24.1	23.0 23.7 24.0 24.1	23.7 24.3 24.4 24.5	24 24 24 25	
12H	4H 6H 8H	22.6 23.6 24.0	23.4 24.1 24.4	23.2 24.5 24.5	23.9 24.6 24.9	24.3 25.1 25.4	22.6 23.3 23.6	23.3 23.8 24.0	23.1 23.8 24.1	23.7 24.3 24.5	24 24 25	
Amaton of its	e observer	position to	the lumin	were distan	c+5.							
8 = 1.0H S = 1.5H S = 2.0H		+0.1 / -0.1 +0.2 / -0.3 +0.4 / -0.6					+0.1 / -0.1 +0.2 / -0.3 +0.4 / -0.7					
Standard table Correction summand		8K06 4.9					8K06- 4.5					



LIGHTING SPECIFICATIONS

LED Globe LED Spot

LED Line 113

LED Line 225

LED Disk Ø 460

LED Disk Ø 470

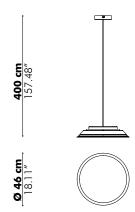
LED Disk Ø 460

Products



BuzziHat

Description



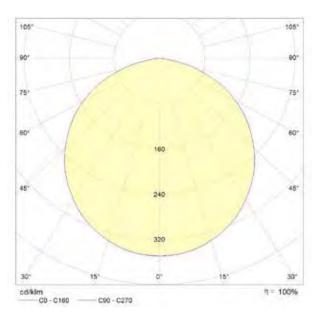
BuzziSpace LED disk 460 is a downlight LED Module. It has an aluminum frame which is finished in fine-textured scratch-resistant white powder coating. The front plate is a PMMA diffuser for optimum light spread and efficiency, which results in a very diffuse light surface and absolutely no dottiness. The light source is a LED PCB, made to perfectly fit the size of the LED disk 460. The LED PCB contains 72 low power LEDs.

The LED disk 460 is not offered as a separate component but always combined or integrated into a shade or acoustic body to make a complete luminaire.

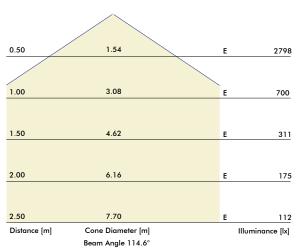
Technical Characteristics

Lamp	1 x LED Array
Gear / Transfo	LED gear incl.
Gear settings	Set at 700mA
Luminaire power	19W
Color temperature	3000K
Min. Distance	0.1m
Power supply	230V
IP	IP20
Source lifetime	50000hrs L80 B20
CRI	80
Lumen output	2009 Lm (Luminaire)
Efficacy	105 Lm/w
Dimmability	1-10V
cd/m2>65°	2879
UGR	20 or 19 on request
MacAdam	3 SDCM
Beam angle	114.2°

Photometric data



p Celling		70	70	50	-55	30	70	70	50	80	30		
y-Wals		50	30	50	30	30	50	30	50	30	30		
_p Floor		20	20	20	20	20	20	20	20	20	20		
Room size X Y		Viewing direction at right angles to lamp axis						Mexing direction parallel to lamp axis					
24	2H 3H 4H 6H 8H 12H	16.6 18.2 18.7 19.0 19.0	17.9 19.4 19.8 20.0 20.0 19.9	16.9 18.5 19.0 19.3 19.4 19.4	18.2 19.6 20.1 20.3 20.3 20.3	18.4 19.9 20.4 20.6 20.7 20.6	16.6 18.2 18.7 19.0 19.0	18.0 19.4 19.8 20.0 20.0 20.0	16.9 18.5 19.1 19.4 19.4	18.2 19.6 20.1 20.3 20.3 20.3	18.4 19.9 20.4 20.7 20.7 20.6		
44	2H 3H 4H 6H 8H 12H	17.3 19.0 19.7 20.0 20.1 20.1	18.4 20.0 20.6 20.8 20.8 20.8	17.7 19.4 20.1 20.5 20.5 20.5	18.7 20.3 20.9 21.2 21.2 21.1	19.0 20.6 21.2 21.6 21.6 21.6	17.3 19.0 19.7 20.1 20.1 20.1	16.5 20.0 20.5 20.8 20.8 20.8	17.7 19.4 20.1 20.5 20.5 20.5	18.7 20.3 20.9 21.2 21.2 21.1	19.0 20.7 21.2 21.6 21.6 21.6		
84	4H 6H 8H 12H	19,9 20,4 20,4 20,4	20.6 20.9 20.9 20.9	20.4 20.8 20.9 20.9	21.0 21.3 21.4 21.3	21.4 21.8 21.8 21.8	19.9 20.4 20.5 20.4	20.6 20.9 20.9 20.9	20.4 20.8 20.9 20.9	21.0 21.4 21.4 21.3	21.4 21.8 21.9 21.8		
1294	4H 6H 8H	19.9 20.4 20.5	20.5 20.9 20.9	20.4 20.9 21.0	20.9 21.3 21.3	21.4 21.8 21.8	19.9 20.4 20.5	20.5 20.9 20.9	20.4 20.9 21.0	20.9 21.3 21.3	21.6 21.6 21.6		
Variation of th	e observer	pastion to	the larve	unte Onlar	125								
3 = 1.0H 3 = 1.5H 3 = 2.0H		+0.1 / -0.1 +0.3 / -0.4 +0.5 / -0.7					+0.1 / -0.1 +0.3 / -0.4 +0.5 / -0.8						
Standard table		8405					8K05						
Correction s	mmand		3.1					31					



ref model: LED Disk 460 3000K UGR 20 Black Shade

70 — BuzziSpace Acoustic Lighting Lighting Specifications — 71

LIGHTING **SPECIFICATIONS**

LED Globe LED Spot

LED Line 113 LED Line 225

LED Disk Ø 460

LED Disk Ø 470

LED Disk Ø 470

Products





 ${\sf BuzziDome}$



BuzziBell

BuzziJet





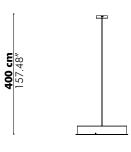


BuzziMoon

BuzziShade X(X)L

 ${\sf BuzziTrom}$

Description



BuzziSpace LED disk 470 is a downlight LED light source for recessed use in an upholstered panel/body or mounted on a shade. It has an aluminum frame which is finished in finetextured scratch-resistant white powder coating. The front plate is a PMMA diffuser for optimum light spread and efficiency, which results in a very diffuse light surface and absolutely no dottiness. The light source is a LED PCB, made to perfectly fit the size of the LED disk 470. The LED PCB contains 36 low power LEDs with very high CRI and CCT.

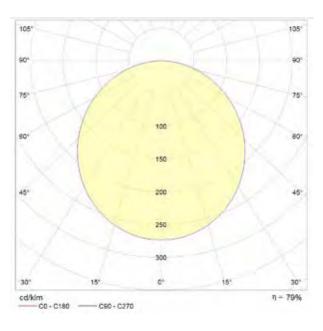


The LED disk 470 is not offered as a separate component but always combined or integrated into a shade or acoustic body to make a complete luminaire.

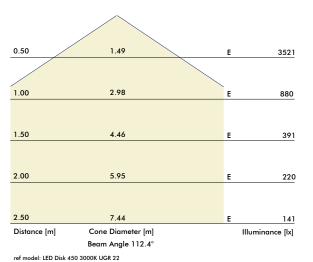
Technical Characteristics

Lamp	1 x LED Array
Gear / Transfo	LED gear incl.
Gear settings	Set at 700mA
Luminaire power	29,4W
C	3000K
Color temperature	4000K (on request)
Min. Distance	0.1m
Power supply	230V
IP	IP20
Source lifetime	50000hrs L80 B20
CRI	90
Lumen output	2545 Lm (Luminaire)
Efficacy	87 Lm/w
Dimmability	1-10V or Dali (CE/CB)
cd/m2>65°	5005
UGR	22 or 19 on request
MacAdam	3 SDCM
Beam angle	112.4°

Photometric data



o Celling		70	70	50	50	30	70	70	50	50	30
p Walls		50	30	50	30	30	50	30	50	30	30
p Floor		20	20	20	20	20	20	20	20	20	20
Room s X	ize Y	W		ection at lamp ax	right angl is	es	Viewing direction parallel to lamp axis				
2Н	25 35 45 65 85 125	18.6 20.3 21.0 21.6 21.8 21.8	19.9 21.5 22.1 22.6 22.8 22.9	18.9 20.6 21.3 21.9 22.1 22.3	20.2 21.8 22.4 22.9 23.1 23.2	20.4 22.0 22.7 23.2 23.4 23.6	18.6 20.3 21.0 21.6 21.6 21.9	19.9 21.5 22.1 22.6 22.8 22.9	18.9 20.6 21.3 21.9 22.1 22.3	20.2 21.8 22.4 22.9 23.1 23.2	20.4 22.0 22.7 23.3 23.4 23.6
4H	2H 3H 4H 6H 6H 8H 12H	19.3 21.2 22.0 22.8 23.0 23.2	20.8 22.2 22.9 23.6 23.7 23.9	19.7 21.6 22.4 23.2 23.5 23.7	20.8 22.5 23.3 23.9 24.1 24.3	21.0 22.8 23.6 24.3 24.5 24.7	19.3 21.2 22.0 22.8 23.0 23.2	20.5 22.2 22.9 23.5 23.7 23.9	19.7 21.6 22.4 23.2 23.5 23.7	20.8 22.5 23.3 23.9 24.1 24.3	21.0 22.6 23.6 24.6 24.6 24.6
8H	4H 6H 8H 12H	22.4 23.3 23.6 23.9	23.1 23.8 24.1 24.4	22.8 23.7 24.1 24.4	23.5 24.3 24.6 24.6	23.9 24.7 25.1 25.3	22.4 23.3 23.6 23.9	23.1 23.9 24.1 24.4	22.8 23.7 24.1 24.4	23.5 24.3 24.6 24.8	23.5 24.7 25.7 25.7
12H	6H 6H	22.4 23.4 23.8	23.1 23.9 24.2	22.9 23.8 24.3	23.5 24.3 24.7	23.9 24.8 25.2	22.4 23.4 23.6	23.1 23.9 24.2	22.9 23.8 24.3	23.5 24.3 24.7	23.5 24.8 25.2
Variation of th	e observe	position to	or the lumin	ane diske	EWS.						
5 = 1.6 5 = 2.6	54	+0.1 / -0.3 +0.2 / -0.3 +0.3 / -0.6					+0.1 / -0.1 +0.2 / -0.3 +0.3 / -0.6				
Standard		8K07 5.9					BK07				



ACOUSTIC EXPERTISE

074 - 075 How it works

076 - 083 Inspiration settings

076 - 077 Meeting Room

078 - 079 Lobby

080 - 081 Open Space

082 - 083 Coffee Corner / Cafeteria

084 - 085 Understanding acoustics



74 — BuzziSpace Acoustic Lighting

How it works — 75

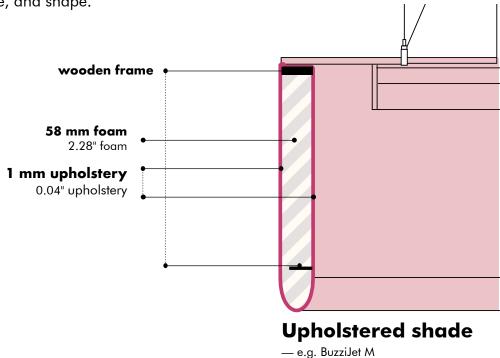
HOW IT WORKS

Acoustic Lighting:

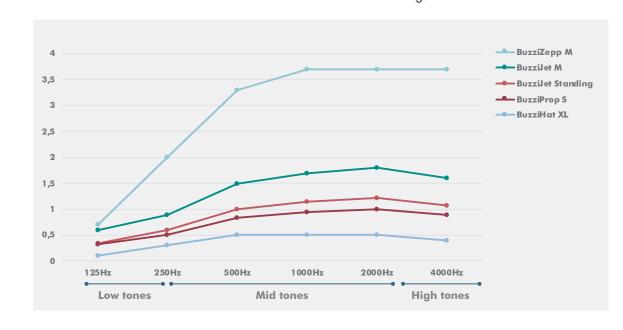
This is how it works

—The designs are plenty, but so are the material options. The question is, how do these two elements impact acoustic performance? We're going to zoom in on that now, so you can better choose the right acoustic lighting solutions for your space.

Crucial to picking out the right acoustic lighting solutions is to not choose them at random. Different acoustic issues or challenges require different solutions. Generally, three items typically define the performance of acoustic lighting: density, size, and shape.



As shown in the graph, foamupholstered products mostly work on the whole audible spectrum, from low to mid and high tones. The bigger and denser the products are, the better they will absorb sound waves, resulting in a higher absorption coefficient.

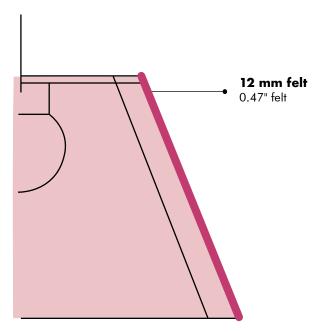


Density

When we talk about density, we refer to the mass and the volume of acoustic materials. For instance, to absorb low tones, originating from heating, ventilation, and air conditioning systems, density is critical. This translates into the need for foam-upholstered products like BuzziHat and BuzziDome.

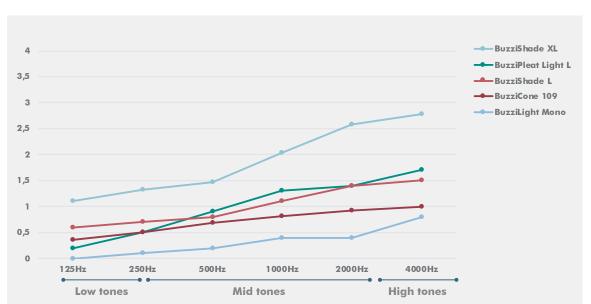
High tones, on the other hand, include everything from ringtones, clicking, and typing sounds. To reduce such high-frequency noise, less material is needed, and often pendant lights made of felt suffice, for instance, BuzziShade and BuzziTrom

Rule of thumb: low tones require more acoustic material to be absorbed than high tones.



Felt shade

— e.g. BuzziShade M



Size

The size of your space will naturally delimit the dimensions of your light sources. You want it to look somewhat proportionate, right? Acoustically, size is critical, too, especially in terms of the air gaps or cavities as these have an impact on the ability to trap sound waves.

BuzziJet and BuzziProp, both recognizable for their cylindrical design, trap sound waves within the radius of their circular body. Because BuzziProp is narrower and smaller than BuzziJet, the cavity is more concentrated and will, therefore, better soak up sound waves before they escape the cylinder.

Rule of thumb: Length, width, and diameter determine how well the acoustic lighting picks up sound.

Shape

Just like size affects the acoustic performance, so does shape. The conic shape of BuzziShade and BuzziCone is excellent for capturing sound waves within the core. Likewise, the round shape helps diffuse sound energy better, distributing excess sound waves more evenly into the space.

However, not all acoustic lighting solutions are designed with a circular body. BuzziZepp Light is one of the exceptions with its panel-shaped silhouette. The soft edges diffuse sounds too, but BuzziZepp Light is especially a powerhouse for immediate absorption. Suspended above a table, the concave shape picks up sound reflections from the hard surface of the tabletop as they travel upwards.

The graph shows the acoustic performance of a selection of felt products. Notice, in particular, how they all perform better in combating mid and high-frequency noise compared to low-frequency sounds.

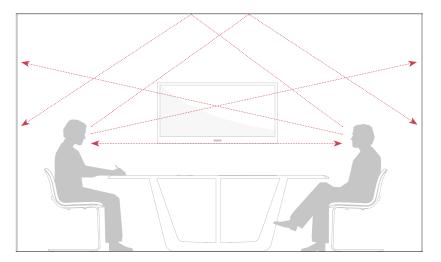
INSPIRATION SETTINGS

MEETING ROOM

LOBBY
OPEN SPACE
COFFEE CORNER / CAFETERIA

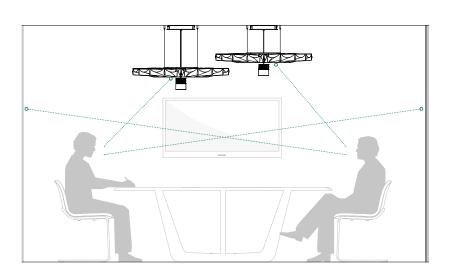
Meeting Room

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.



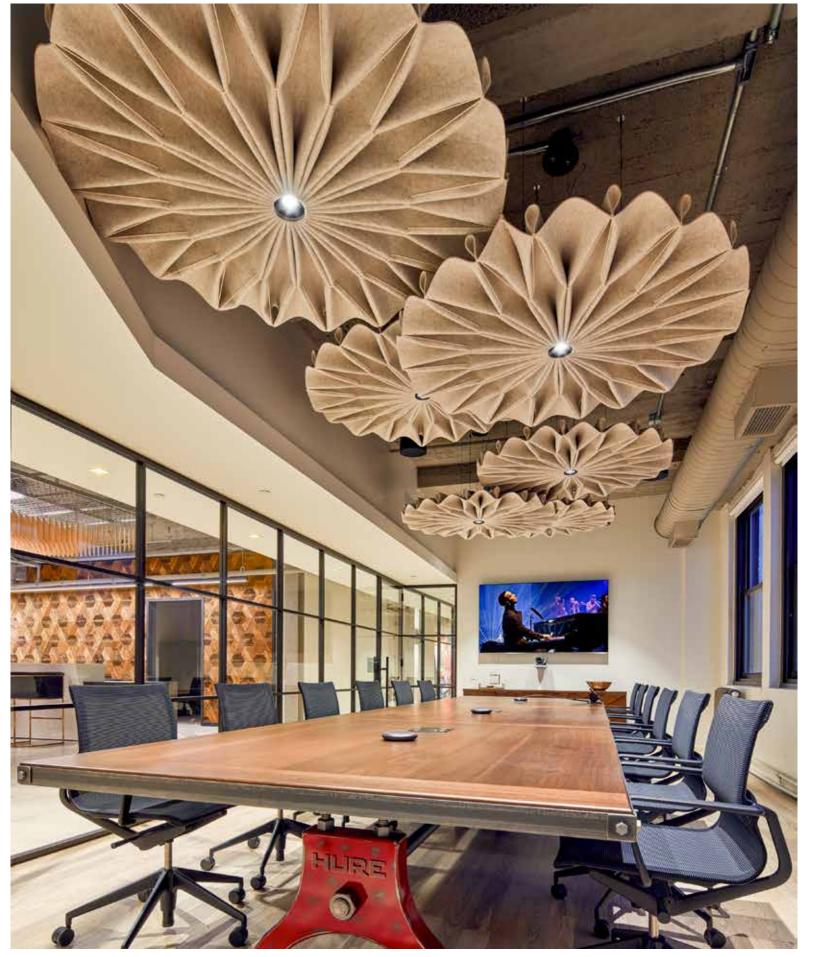
CHALLENGES

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



SOLUTIONS

- BuzziPleat Light traps mid and low tones in its folds while delivering the necessary light output above the table.
- Add acoustic wall treatments like BuzziSkin or BuzziTile to reduce mid and high tones, coming from speech and typing sounds.



BuzziPleat Light

INSPIRATION SETTINGS

MEETING ROOM

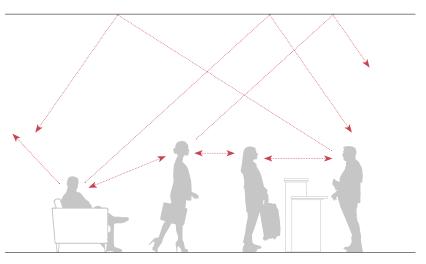
LOBBY

OPEN SPACE

COFFEE CORNER / CAFETERIA

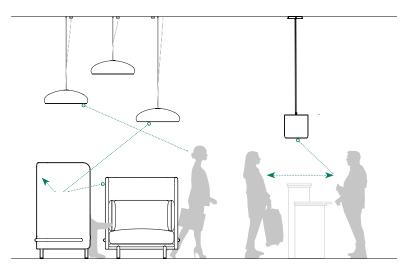
Lobby

The hotel or office lobby is the spot where people gather. To ensure privacy at the welcome desk and in the waiting area, these very noisy and multifunctional spaces require specific acoustic care and adequate lighting.



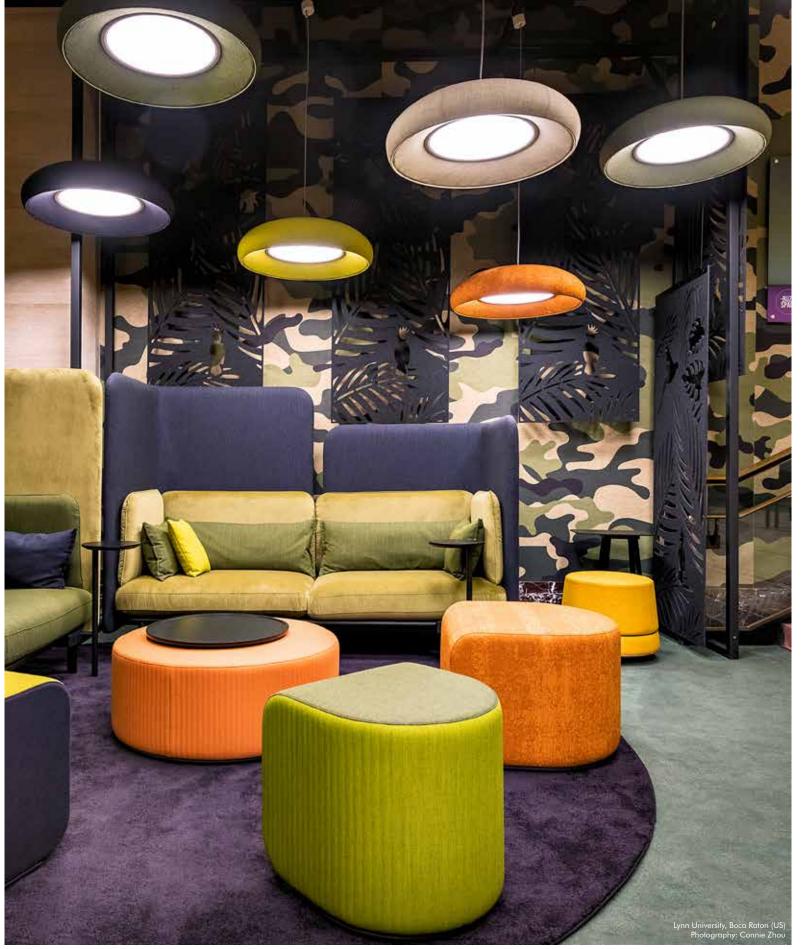
CHALLENGES

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



SOLUTIONS

- BuzziSpark minimizes sound transfers with its shields and limits external background noise to a minimum. Combining different sizes ensures cozy nooks for calling or meeting informally.
- Recharge in a quiet oasis under a sea of BuzziDome acoustic pendant lights. When clustered, they create a warm and comfortable sphere soaking up undesired noise inside their dome-shaped body.
- BuzziProp captures sound waves to bounce back-and-forth with its cylindrical design.



BuzziDome

INSPIRATION SETTINGS

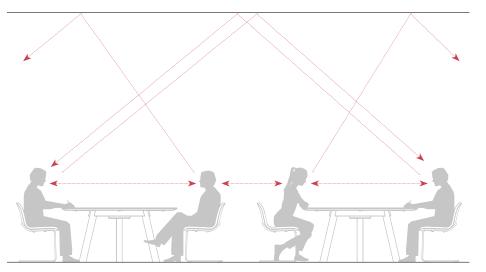
MEETING ROOM
LOBBY

OPEN SPACE

COFFEE CORNER / CAFETERIA

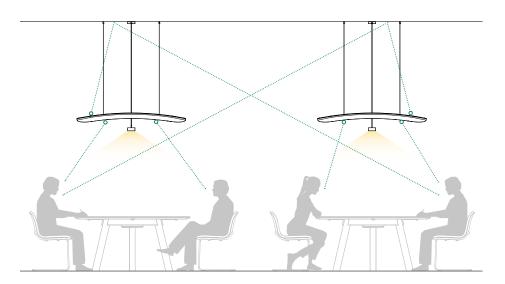
Open Space

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



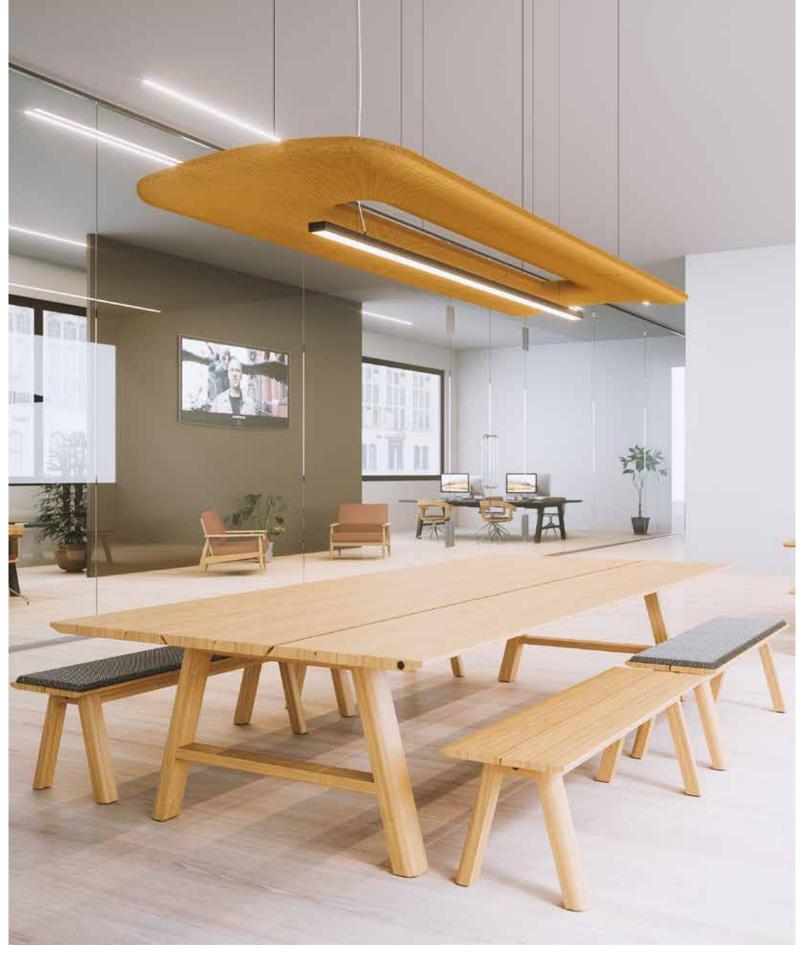
CHALLENGES

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



SOLUTIONS

• BuzziZepp Light offers the necessary light output on the workstation and prevents sound from travelling to other areas while absorbing low, mid and high tones.



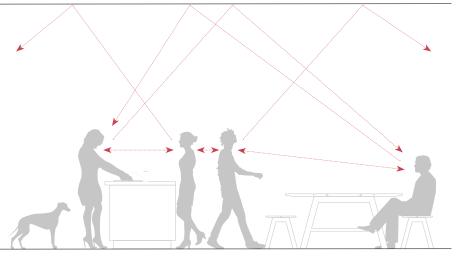
BuzziZepp Light

INSPIRATION SETTINGS

MEETING ROOM
LOBBY
OPEN SPACE
COFFEE CORNER / CAFETERIA

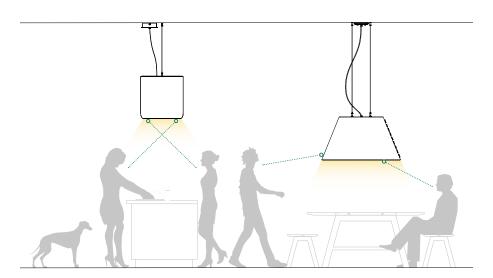
Coffee Corner / Cafeteria

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 environments such as open space kitchens and living rooms.



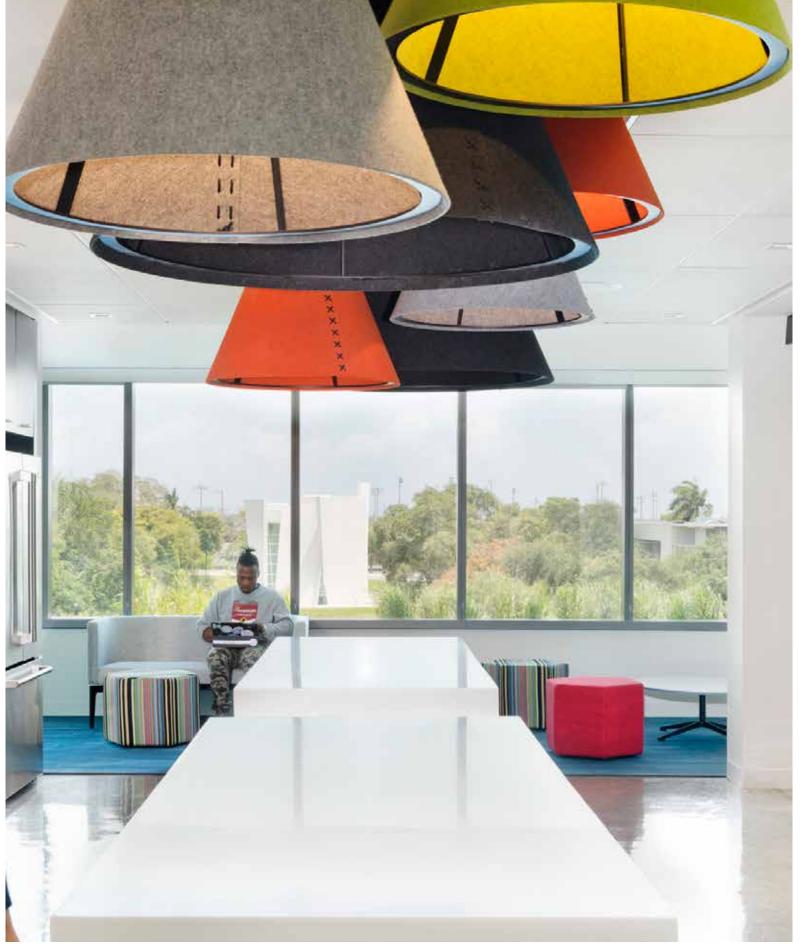
CHALLENGES

- 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
- Cluster several BuzziShade pendants to create additional air cavities and maximize absorption.



BuzziShade

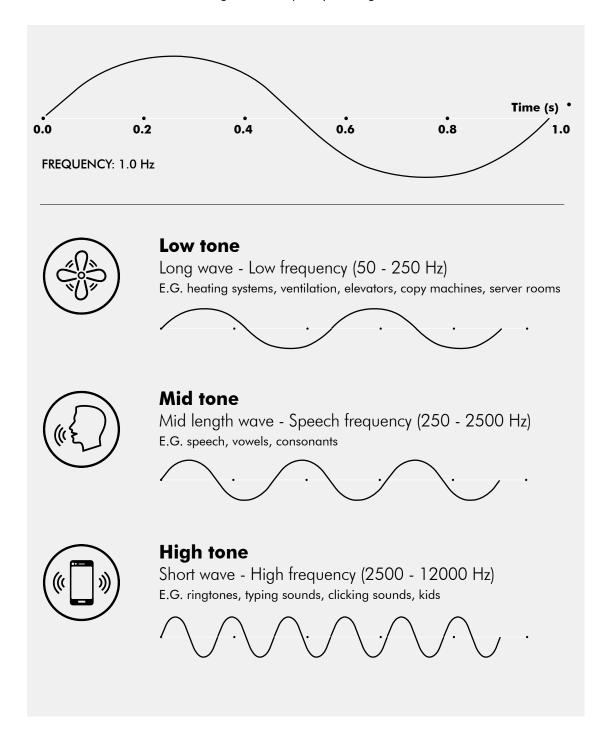
84 — BuzziSpace Acoustic Lighting Understanding Acoustics — 85

UNDERSTANDING ACOUSTICS

Sound consists of pressure waves running through the air. It can be described as energy, created by vibrations, transmitted through the air or any other medium. The inner ear converts those vibrations into electric signals, which are sent to our brain, where they will be processed and perceived as the actual sound coming in. Consequently, sounds are perceived differently depending on the frequency, intensity (decibel), and reverberation time in a room.

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.



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 and desk screens. Attenuation or sound dampening has a positive impact on speech intelligibility and clarity.

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 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 1.50s Gvmnasium: Auditorium:

1.50s to 2.00s

For detailed acoustic reports, check the product pages on our website: www.buzzi.space

MATERIALS

FELTS & FABRICS

088 - 089	Application	Overview
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090 Felt

090 BuzziFelt

091 - 093 Category A

091 Fabric

092 Trevira CS+

092 Trevira CS

093 Revive 1

090 - 093 Category B

094 Velvet

095 Clara 2

096 - 097 Remix 3

093 Category C

093 Hero

100 Category D

100 Tonus 4

101 Category E

101 Memory 2

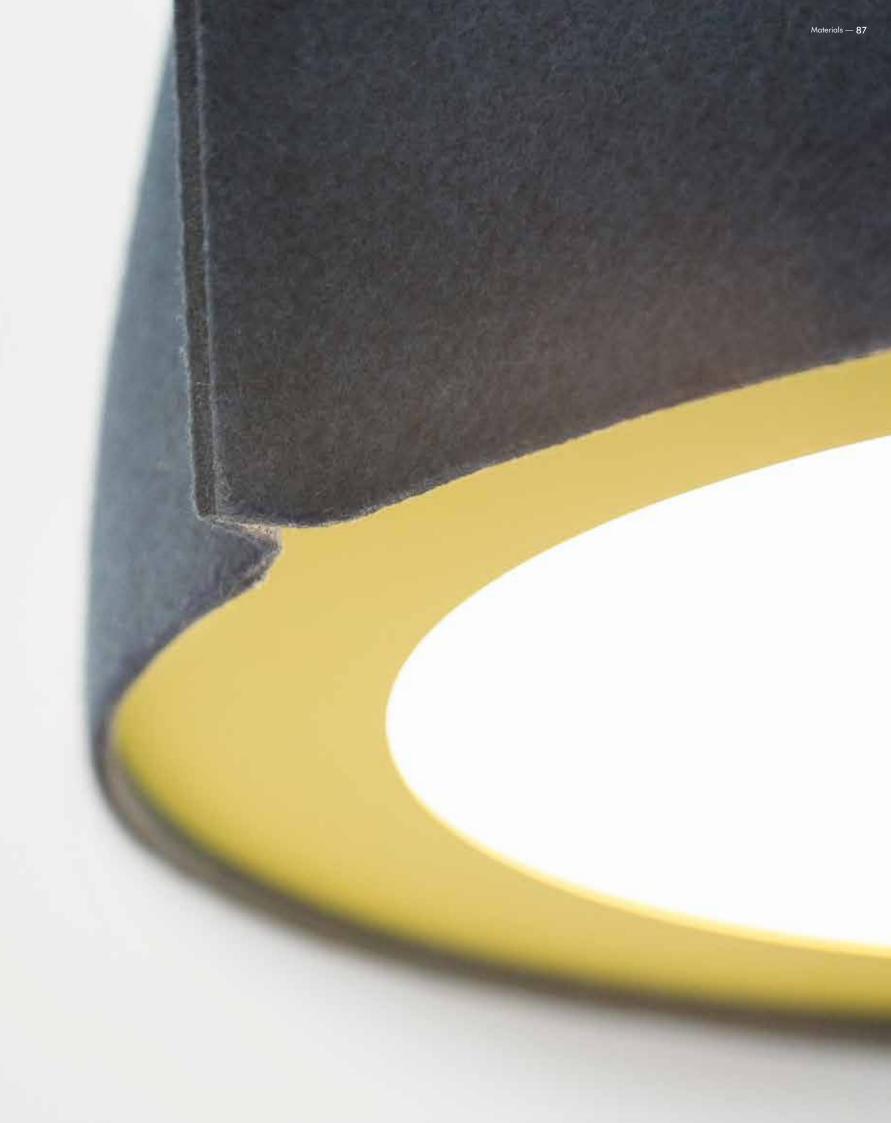
SOLID MATERIALS

102 -103 Application Overview

104 - 105 Metal

104 Powder-coated Metal

105 Uncoated Aluminum



88 — BuzziSpace Acoustic Lighting

APPLICATION OVERVIEW

Felts & Fabrics



*Available until end of September 2020.

"Trevira CS and Trevira CS+ contain organophosphorus chemicals used as "covered flame retardant" above a level of 1000ppm. Therefore these fabrics can't be used as upholstery cover material in US states that require compliance to California Assembly Bill No. 2998.

"Revive 1 contains organophosphorus chemicals used as "covered flame retardant" above a level of 1000ppm. Therefore this fabric can't be used as upholstery cover material in US states that require compliance to California Assembly Bill No. 2998.

"" Memory 2 contains organophosphorus chemicals used as "covered flame retardant" above a level of 1000ppm. Therefore this fabric can't be used as upholstery cover material in US states that require compliance to California Assembly Bill No. 2998.

Find the latest update of the application overview on our website: www.buzzi.space/downloads

Felt	CAT A					CAT B				CAT C
	Fabric	Rough*	Trevira CS+**	Trevira CS**	Revive 1***	Velvet	Terra*	Clara 2	Remix 3	Hero
100% Recycl P.E.T. Felt	75% Recycled Wool 25% Recycled Polyacryl	100% Polyacryl	100% Trevira	100% Trevira	100% Recycl. polyester FR	100% polyester	100% Pure New Wool	92% New Wool worsted 8% Nylon	90% New Wool worsted 10% Nylon	96% New Wool 4% Nylon
•	0	0	0	0	0	0	0	0	0	0
•	0	0	0	0	0	0	0	0	0	0
•	•	0	0	0	0	0	0	0	0	•
0	•	0	•	•	•	0	0	•	•	•
0	•	•	•	•	•	•	0	•	•	•
0	•	•	•	•	•	0	•	•	•	•
0	•	0	•	•	•	0	0	•	•	•
•	0	0	0	0	0	0	0	0	0	0
0	•	•	•	•	•	0	0	•	•	•
•	0	0	0	0	0	0	0	0	0	0
0	•	•	•	•	•	0	•	•	•	•
•	•	•	0	0	0	0	•	0	0	•
•	0	0	0	0	0	0	0	0	0	0
•	0	0	0	0	0	0	0	0	0	0
•	0	0	0	0	0	0	0	0	0	0
0	•	0	•	•	•	•	•	•	•	•
	100% Recycl P.E.T. Felt O O O O O O O O O O O O O O O O O O	Fabric 100% Recycl P.E.T. Felt 75% Recycled Wool 25% Recycled Polyacryl ○ ○	Fabric Rough*	Fabric Rough* Trevira CS+** 100% Recycl P.E.T. Felt 75% Recycled Wool 25% Recycled Polyacryl 100% Polyacryl 100% Trevira	Fabric Rough* Trevira CS*** Trevira CS***	Fabric Rough* Trevira CS*** Trevira CS*** Revive 1***	Fabric Rough* Trevira CS*** Trevira CS*** Revive 1*** Velvet	Fabric Rough* Trevira CS*** Revive 1*** Velvet Terra*	Fabric Rough* Trevira CS*** Trevira CS*** Revive 1*** Velvet Terra* Clara 2	Fabric Rough Trevira CS** Trevira CS** Revive 1*** Velvet Terra* Clara 2 Remix 3

Felts & Fabrics — 89

Product	CAT D	CAT E
	Tonus 4	Memory 2****
	90% New Wool 10% Helanca	100% Trevira CS
BuzziBell	0	0
BuzziChandelier	0	0
BuzziCone	0	0
BuzziDome	•	•
BuzziHat	•	•
BuzziJet	•	•
BuzziJet Standing	•	•
BuzziLight Mono	0	0
BuzziMoon	•	•
BuzziPleat Light	0	0
BuzziProp	•	•
BuzziShade Pendant	0	0
BuzziShade Standing	0	0
BuzziShade Square	0	0
BuzziTrom	0	0
BuzziZepp Light	•	•

90 — BuzziSpace MaterialsLighting BuzziSpace — 91

FELT BUZZIFELT

BuzziFelt



Composition 100% Recycled P.E.T. Felt, latex backing

Weight 1.000 g/m² | 29.49 oz/yd² **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

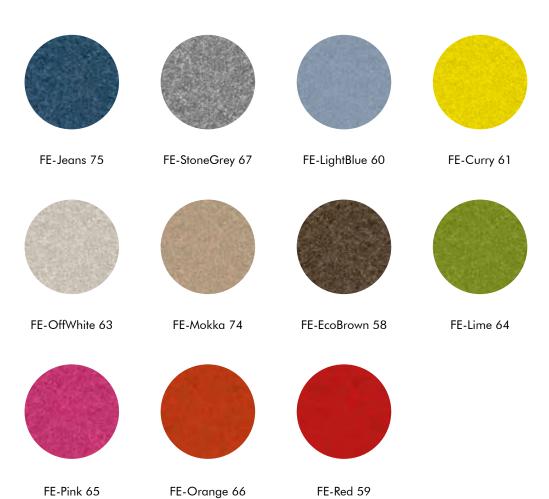
Fastness to light EU: 6-7 | USA 5Vacuum clean regularly. Don't wash. Don't remove the BuzziFelt from the product. Treat spillages immediately. Professional dry clean or wipe clean with a pH neutral soap and a damp cloth.

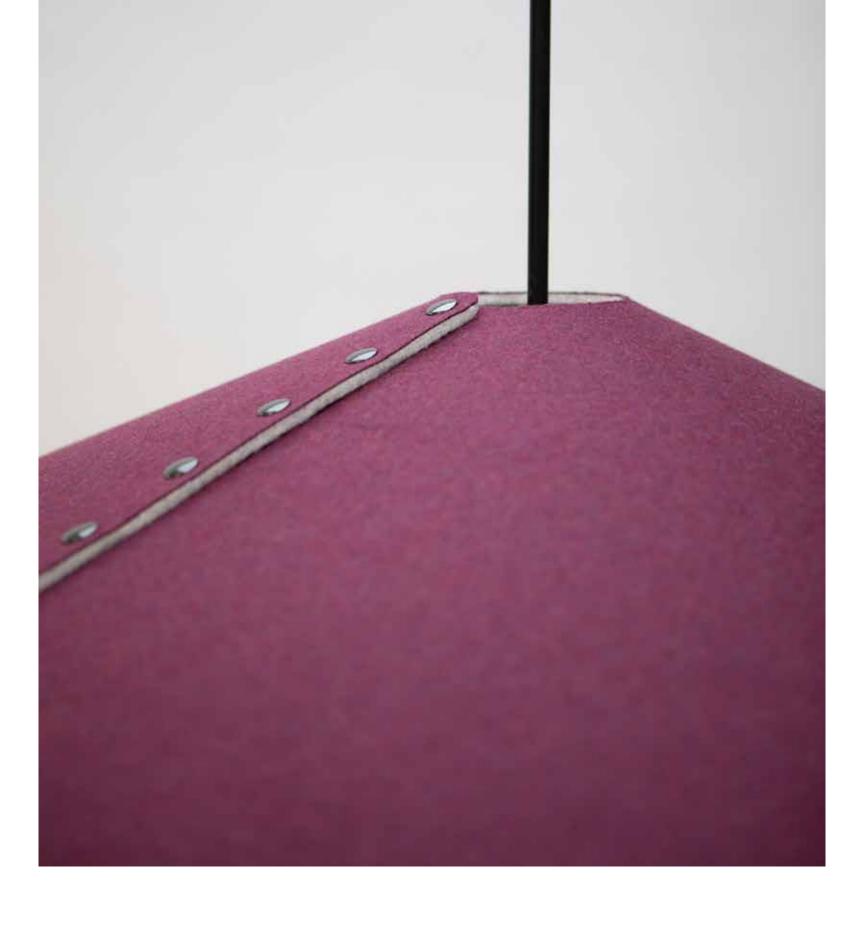
FE-Anthracite 68









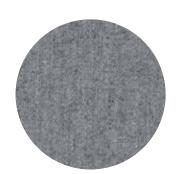


Note color deviation may occur. Find the latest update of the material specifications and colors on our website: www.buzzi.space

CAT A

FABRIC ROUGH TREVIRA CS+ TREVIRA CS REVIVE 1

Fabric



FA-LightGrey 1000

Composition 75% Recycled Wool, 25% Recycled Polyacryl,

Weight 405 g/m² | 11.94 oz/yd² **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

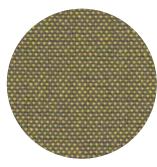
Fastness to rubbing EU: Wet 3-4 | Dry 4-5 Fastness to crocking USA: Wet 5 | Dry 5

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.



Note color deviation may occur. Find the latest update of the material specifications and colors on our website: www.buzzi.space

Rough*



RO-Taffy 185 **Composition** 100% Polyacryl **Weight** 456 g/m² | 13.45 oz/yd²

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

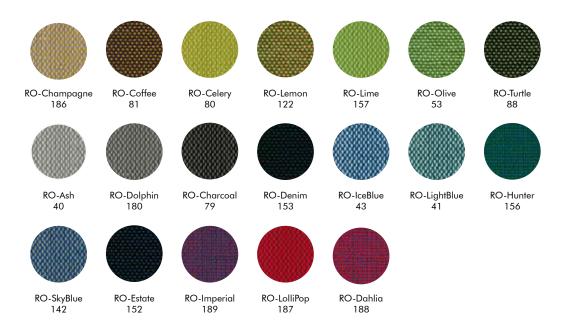
Fastness to light EU: 5

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.

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* Available until end of September 2020.

Note color deviation may occur. Find the latest update of the material specifications and colors on our website: www.buzzi.space

CAT A

FABRIC

ROUGH

TREVIRA CS+

TREVIRA CS

REVIVE 1

CAT A

FABRIC ROUGH TREVIRA CS+

TREVIRA CS REVIVE 1

Trevira CS⁺| Trevira CS



TRCS+ Hazy Mocca 9302

Composition 100% Polyester, Trevira CS

Weight 420 g/m² | 12.39 oz/yd²

Width Trevira CS+ 150 cm | 59.06" - Trevira CS 140 cm | 55.12" Abrasion resistance 100.000 Martindale, 90.000 Wyzenbeek

M1 | B1 | C1 | EN 1021/1-2 | IMO Res. A652 (16)

Flammability EU: BS 5852 part II: CRIB 5 | BS 7176 Medium Hazard

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.



Revive 1 kvadrat

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.





*Revive 1 contains organophosphorus chemicals used as "covered flame retardant" above a level of 1000ppm. Therefore this fabric can't be used as upholstery cover material in US states that require compliance to California Assembly Bill No. 2998.

CAT A

FABRIC

ROUGH

TREVIRA CS+

TREVIRA CS

REVIVE 1

Note color deviation may occur. Find the latest update of the material specifications and colors on our website: www.buzzi.space

*Trevira CS and Trevira CS+ contain organophosphorus chemicals used as "covered flame retardant" above a level of 1000ppm. Therefore these fabrics can't be used as upholstery cover material in US states that require compliance to California Assembly Bill No. 2998.

Note color deviation may occur. Find the latest update of the material specifications and colors on our website:

www.buzzi.space

CAT B

CLARA 2

REMIX 3 **VELVET**

Terra*



TE-Silver

Composition 100% Pure New Wool **Weight** 370 g/m² | 10.91 oz/yd²

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 $\pm 5\%$ | Width $\pm 2\%$

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.







AM20







TE-Seagrass AP22 TE-Lovat AN21



TE-Violet

TE-Willow BF31





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







* Available until end of September

Note color deviation may occur. Find the latest update of the material specifications and colors on our website: www.buzzi.space

Note color deviation may occur. Find the latest update of the material specifications and colors on our website: www.buzzi.space

CAT B

TERRA

CLARA 2

REMIX 3

VELVET

CAT B

TERRA
CLARA 2

REMIX 3

Remix 3 kvadrat

682

672



lemix 3 113

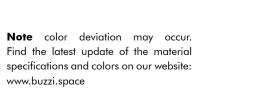
632

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, 1IM
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







CAT B

TERRA

CLARA 2

REMIX 3

VELVET

CAT B

TERRA CLARA 2 REMIX 3

VELVET

Velvet



VE-Gold

Composition 100% PES **Weight** 375 g/m² | 11.06 oz/yd² **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 $\pm 5\%$ | Width $\pm 2\%$

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.

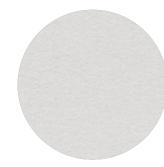




kvadrat Hero

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



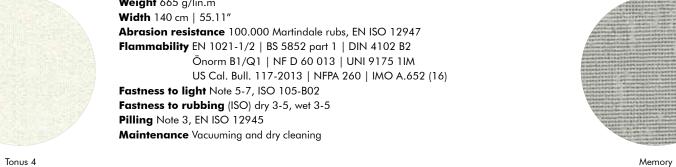


Note color deviation may occur. Find the latest update of the material specifications and colors on our website: www.buzzi.space

CAT D TONUS 4

Tonus 4 kvadrat

Composition 90% new wool, 10% Helanca Weight 665 g/lin.m **Width** 140 cm | 55.11"





Note color deviation may occur. Find the latest update of the material specifications and colors on our website: www.buzzi.space



Memory 2 kvadrat



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 1IM 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.





MEMORY 2

Note color deviation may occur. Find the latest update of the material specifications and colors on our website: www.buzzi.space

^{*} Memory 2 contains organophosphorus chemicals used as "covered flame retardant" above a level of 1000ppm. Therefore this fabric can't be used as upholstery cover material in US states that require compliance to California Assembly Bill No. 2998.

104 — BuzziSpace Acoustic Lighting Solid Materials — 105

APPLICATION OVERVIEW

Solid Materials



Product			Powder-coated Metal	Powder-coated Metal						
			Black RAL 9005	White RAL 9010	Fluo Orange RAL 2005	Fluo Yellow RAL 1016	Beige Red RAL 3012	Gold		
BuzziBell		Frame	•	•	0	•	0	0	0	
		Ceiling canopy	0	•	0	0	0	0	0	
BuzziChandelier		Frame	•	0	0	0	0	0	0	
		Ceiling canopy	•	0	0	0	0	0	0	
BuzziCone		Frame	•	0	0	0	0	0	0	
		Ceiling canopy	•	0	0	0	0	0	0	
BuzziHat		Shade	•	•	0	0	•	•	0	
		Ring	•	•	0	0	•	•	0	
		Ceiling canopy	0	•	0	0	0	0	0	
BuzziJet		Frame	0	•	0	0	0	0	0	
		Ceiling canopy	0	•	0	0	0	0	0	
BuzziJet Standing		Arch	•	0	0	0	0	0	0	
		Base plate	•	0	0	0	0	0	0	
BuzziLight Mono		Frame	•	0	0	0	0	0	0	
		Ceiling canopy	•	0	0	0	0	0	0	
BuzziMoon		Ceiling canopy	0	•	0	0	0	0	0	
BuzziPleat Light		Frame	•	0	0	0	0	0	0	
		Ceiling canopy	•	0	0	0	0	0	0	
BuzziProp		Frame	•	0	0	0	0	0	0	
		Ceiling canopy	•	0	0	0	0	0	0	
BuzziShade	M & L	Frame	•	•	•	0	0	0	•	
		Ceiling canopy Retrofit	•	•	0	0	0	0	0	
		Ceiling canopy LED	•	0	0	0	0	0	0	
	XL & XXL	Frame	•	•	0	0	0	0	•	
		Ceiling canopy LED	0	•	0	0	0	0	0	
BuzziShade Square		Frame	•	•	•	0	0	0	•	
		Ceiling canopy Retrofit	•	•	0	0	0	0	0	
		Ceiling canopy LED	•	0	0	0	0	0	0	
BuzziShade Standing		Frame	•	•	•	0	0	0	0	
BuzziTrom		Frame	•	0	0	0	0	0	0	
		Ceiling canopy	0	•	0	0	0	0	0	
BuzziZepp Light		LED Line	•	0	0	0	0	0	0	
		Ceiling canopy	•	0	0	0	0	0	0	

106- Buzzi Space Acoustic Lighting Solid Materials =107

METAL POWDER-COATED METAL UNCOATED ALUMINUM

Powder-coated Metal



Properties Fine-textured powder-coated steel or aluminum with a mat 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.

Note color deviation may occur. Find the latest update of the material specifications and colors on our website: www.buzzi.space
Refinishing 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.

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

108 — BuzziSpace Acoustic Lighting

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