Product Specification Sheet

BuzziJet EU

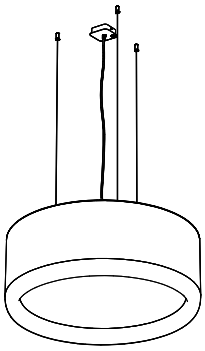
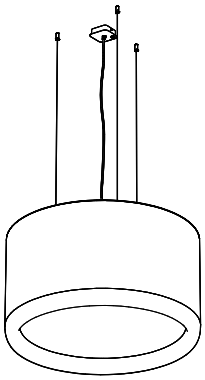
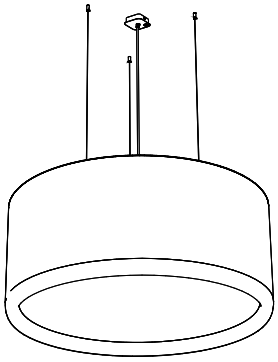
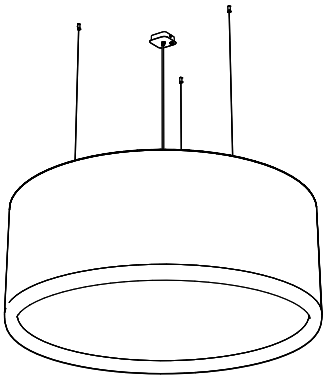
— By BuzziSpace Studio

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.

The Family

Models

Lighting Units

	BuzziJet S	BuzziJet M	BuzziJet XL	BuzziJet XXL
LED Disk Ø 470				
LED Disk Ø 670				

Required order information
1. Size
2. Fabric (CAT -> Collection -> Color)
3. Mounting Option
4. Lighting Options (Voltage input, Color Temperature, UGR, Dimming)

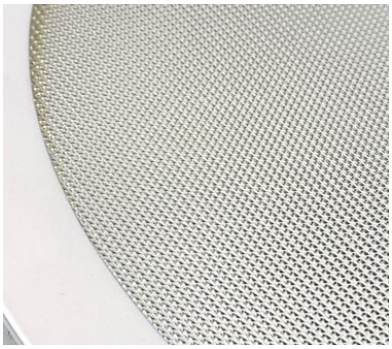
Lighting Data

Lighting Unit

LED Disk

The BuzziJet consist of a LED PCB solution containing mid power LED's to create an optimal light spread. The LED solution is available in a color temperature of 3000K or 4000K Select a milky diffuser to achieve a diffuse light surface without any dottiness. Or select a prismatic diffuser to achieve an UGR value of 19. LED dots will be visible.

UGR 22
Milky Diffuser



UGR 19
Prismatic Diffuser

BuzziJet Suspended Lighting Options

Models: S | M | XL

Options				Characteristics		Mounting
Voltage Input	**Color Temperature**	**UGR (Diffuser type)**	**Dimming**	**Technical**	**Visual**	**Options**
230V	3000K	22 (milky)	1-10V Dali	Power consumption: 29W Light output: 2545 Lm Efficacy: 88 Lm/W CRI: > 90	Color: Power Cable: Black Ceiling Canopy: Black	Ceiling Suspended Straight: 3 cables 2 m or 5 m Alu or Black Split (only S|M): 1 cable splits in 3 2 m or 5 m Alu or Black
		19 (prismatic)*	1-10V Dali	Power consumption: 35W Light output: 3600 Lm Efficacy: 103 Lm/W CRI: > 90		
	4000K	22 (milky)	1-10V Dali	Power consumption: 29W Light output: 2860 Lm Efficacy: 88 Lm/W CRI: > 90		
		19 (prismatic)*	1-10V Dali	Power consumption: 35W Light output: 3660 Lm Efficacy: 105 Lm/W CRI: > 90		

* To achieve a UGR 19, the product is fitted with a Prismatic diffuser instead of a milky diffuser. LED dots will be visible.

Models: XXL

Options				Characteristics		Mounting
Voltage Input	**Color Temperature**	**UGR (Diffuser type)**	**Dimming**	**Technical**	**Visual**	**Options**
230V	3000K	23 (milky)	1-10V	Power consumption: 70W Light output: 6232 Lm Efficacy: 89 Lm/W CRI: > 90	Color: Power Cable: Black Ceiling Canopy: Black	Ceiling Suspended Straight: 3 cables 2 m or 5 m Alu or Black

BuzziJet Ceiling Mounted Lighting Options

Models: S | M

Options				Characteristics	Mounting
Voltage Input	**Color Temperature**	**UGR (Diffuser type)**	**Dimming**	**Technical**	**Options**
230V	3000K	22 (milky)	1-10V Dali	Power consumption: 35W Light output: 3170 Lm Efficacy: 91 Lm/W CRI: > 90	Ceiling Mounted
		19 (prismatic)*	1-10V Dali	Power consumption: 35W Light output: 3600 Lm Efficacy: 103 Lm/W CRI: > 90	
	4000K	22 (milky)	1-10V Dali	Power consumption: 35W Light output: 3400 Lm Efficacy: 97 Lm/W CRI: > 90	
		19 (prismatic)*	1-10V Dali	Power consumption: 35W Light output: 3660 Lm Efficacy: 105 Lm/W CRI: > 90	

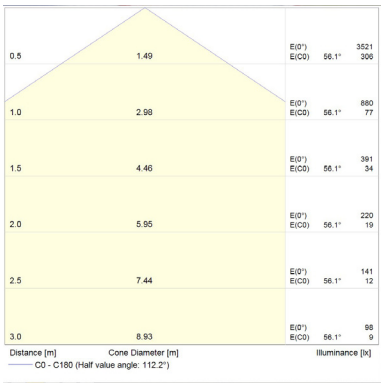
* To achieve a UGR 19, the product is fitted with a Prismatic diffuser instead of a milky diffuser. LED dots will be visible.

PEFC PEFC/07-32-385

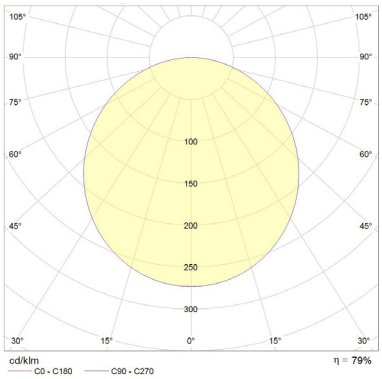
Photometric Data

BuzziJet S | M | XL LED Disk Ø 470

LED Disk Ø 470 Cartesian diagram

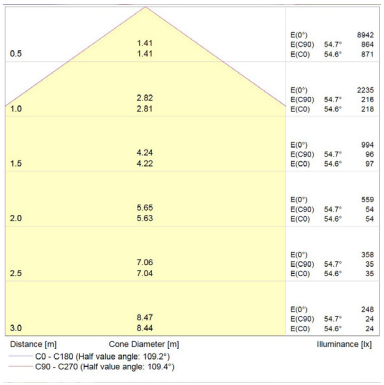


LED Disk Ø 470 Polar curve

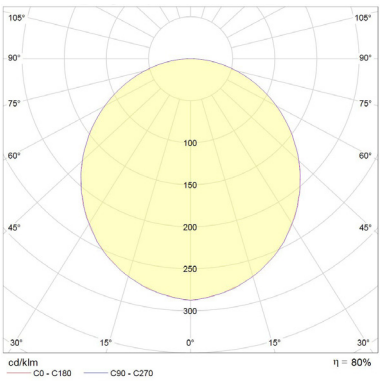


BuzziJet XXL LED Disk Ø 670

LED Disk Ø 670 Cartesian diagram



LED Disk Ø 670 Polar curve

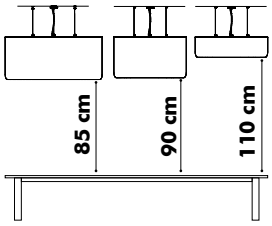


Tips and Tricks - Light Options

To enlight your workplace with optimal lux levels take following measurements into account:

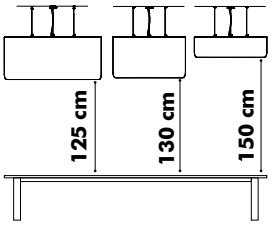
BuzziJet S | M | XL

Office,
Meeting room



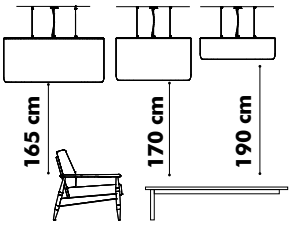
500 Lux

Reception desk, Lounge,
classroom



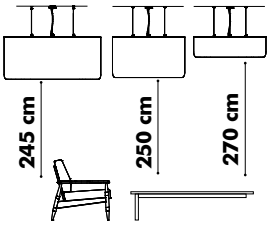
300 Lux

Entrance Hal



200 Lux

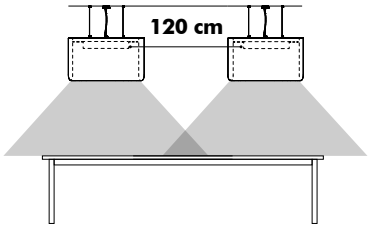
Entrance Hall



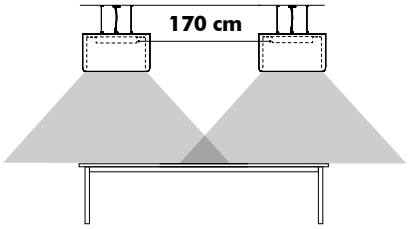
100 Lux

To ensure a continious light spread into account take following distances inbetween the BuzziJets S | M | XL

500 Lux



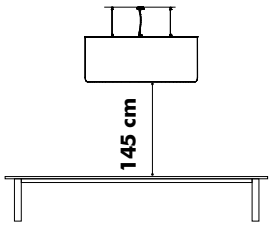
300 Lux



* According to EN12464

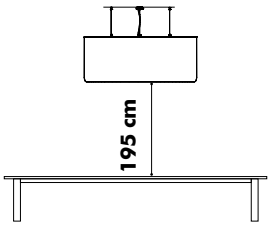
BuzziJet XXL

Office,
Meeting room



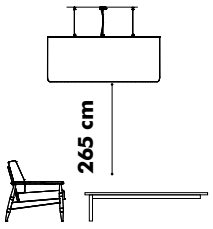
500 Lux

Reception desk, Lounge,
classroom



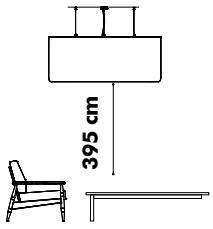
300 Lux

Entrance Hal



200 Lux

Entrance Hall



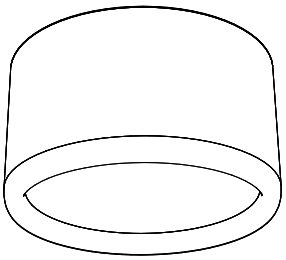
100 Lux

* According to EN12464

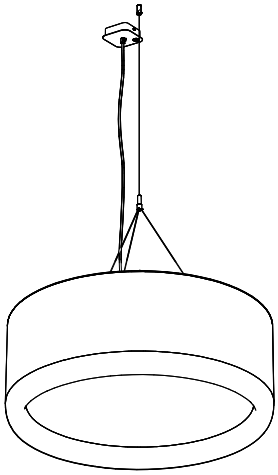
Product Data

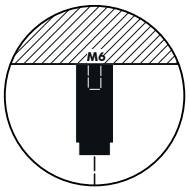
Fixing System

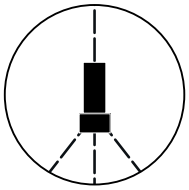
Ceiling Mounted (only available for BuzziJet S | M)



Ceiling Suspended Split (only available for BuzziJet S | M)

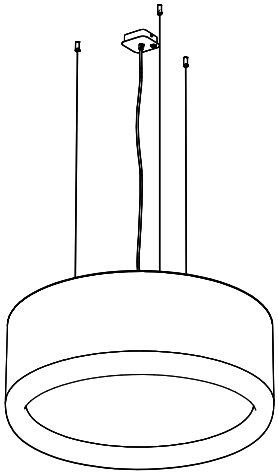


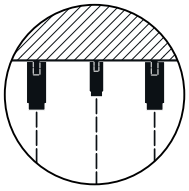




Ceiling Suspended Split
Fixing System Screw with 3 split cables and 1 main cable, total length of 2 m or 5 m (black or alu)
Min. distance of shade to ceiling is 50 cm

Ceiling Suspended Straight





Ceiling Suspended Straight
Fixing System Screw with 3 cables of 2 or 5 m (black or alu)
Min. distance of shade to ceiling is 10 cm

⚠ If installing on suspended ceiling, verify load capacity prior to installation.

Acoustic Shade

The acoustic shade is upholstered top to bottom in a chosen fabric.
The light source is wrapped with an upholstered ring in the same fabric as the acoustic shade.

Absorption

Diffusion

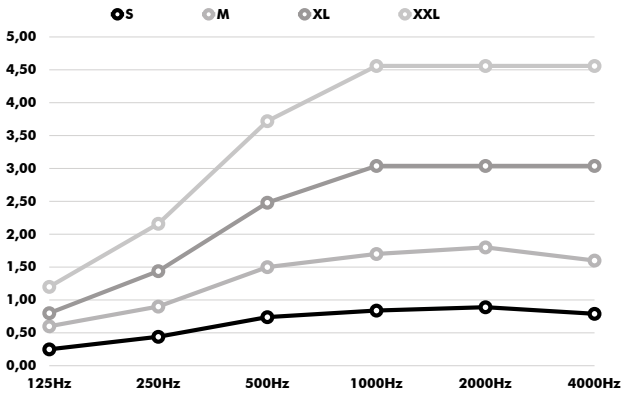
Low tone

Mid tone

High tone

Acoustics

BuzziJet
Equivalent sound absorption area in m² per object

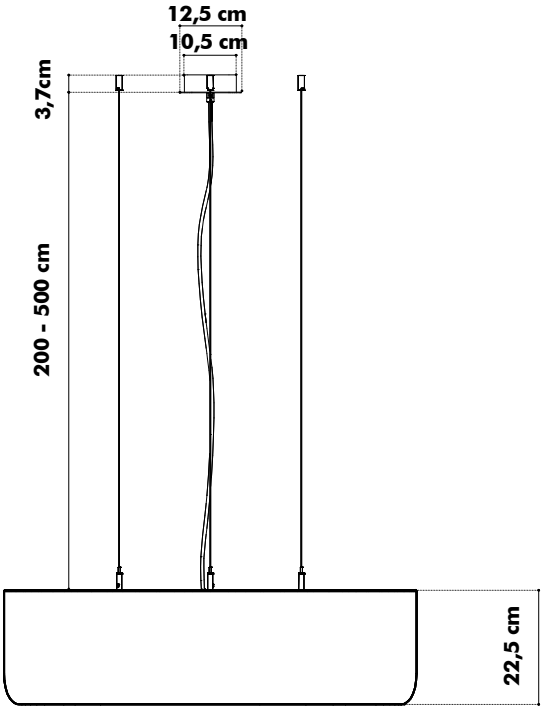


Hz	S Aeq/m²	M Aeq/m²	XL Aeq/m²	XXL Aeq/m²
125	0.25	0.60	0.80	1.20
250	0.44	0.90	1.44	2.16
500	0.74	1.50	2.48	3.72
1000	0.84	1.70	3.04	4.56
2000	0.89	1.80	3.04	4.56
4000	0.79	1.60	3.04	4.56

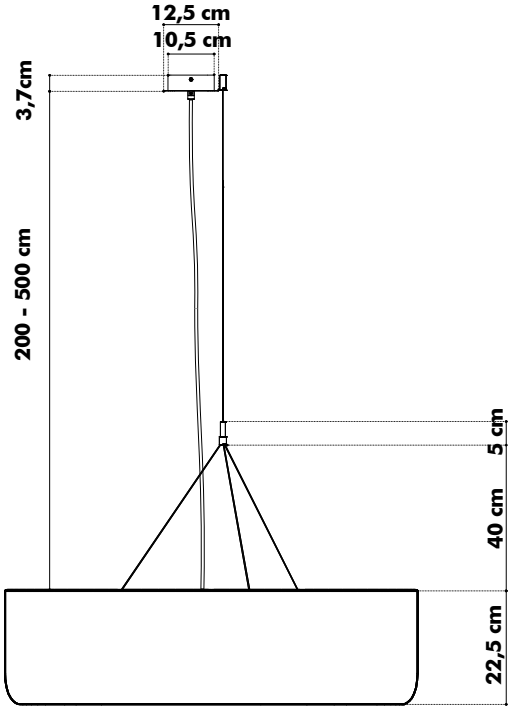
Dimensions

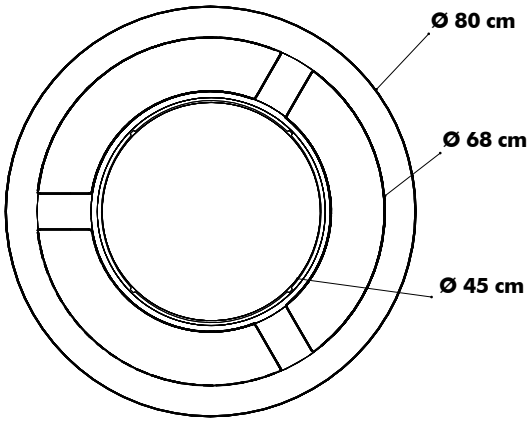
BuzziJet Ceiling Suspended S

Straight



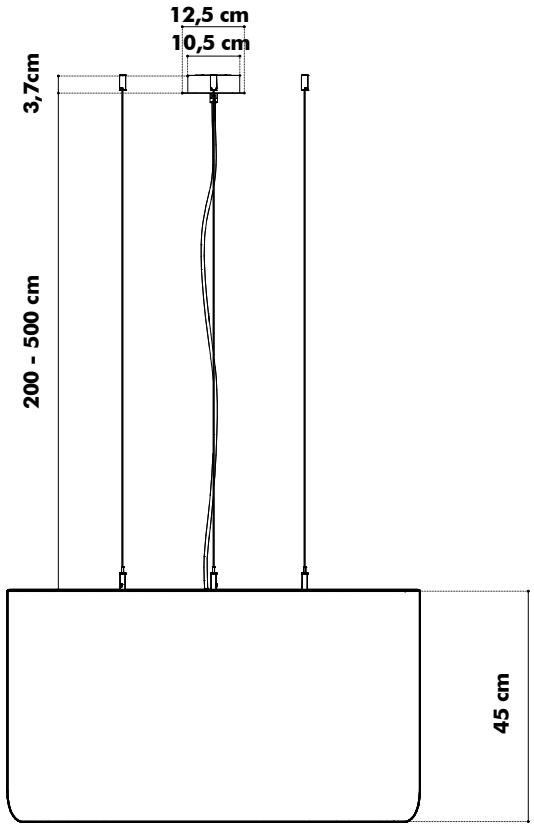
Split



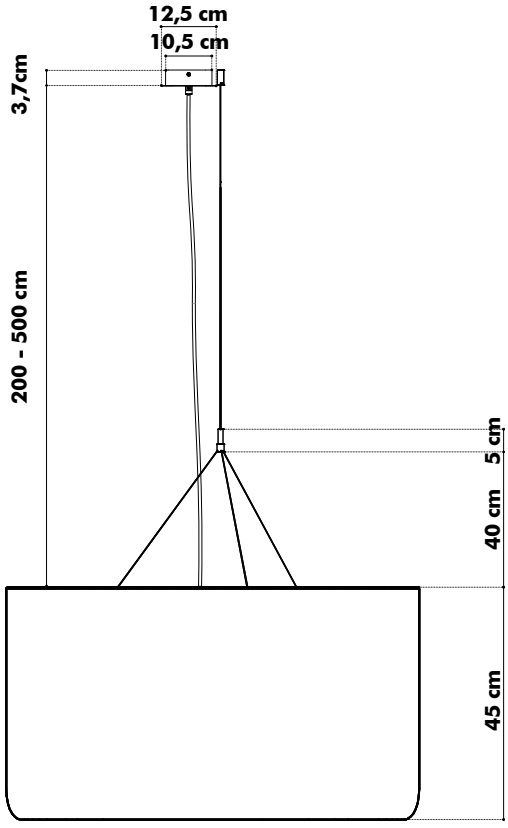


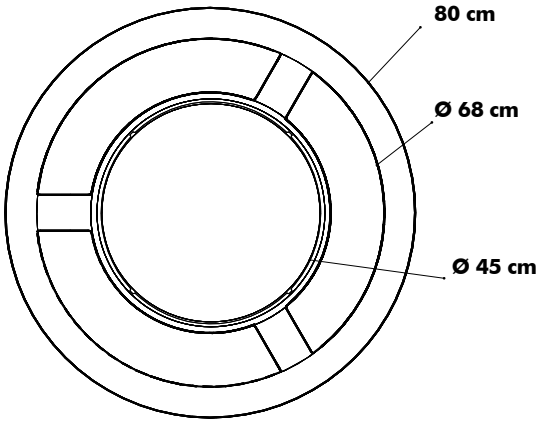
BuzziJet Ceiling Suspended M

Straight

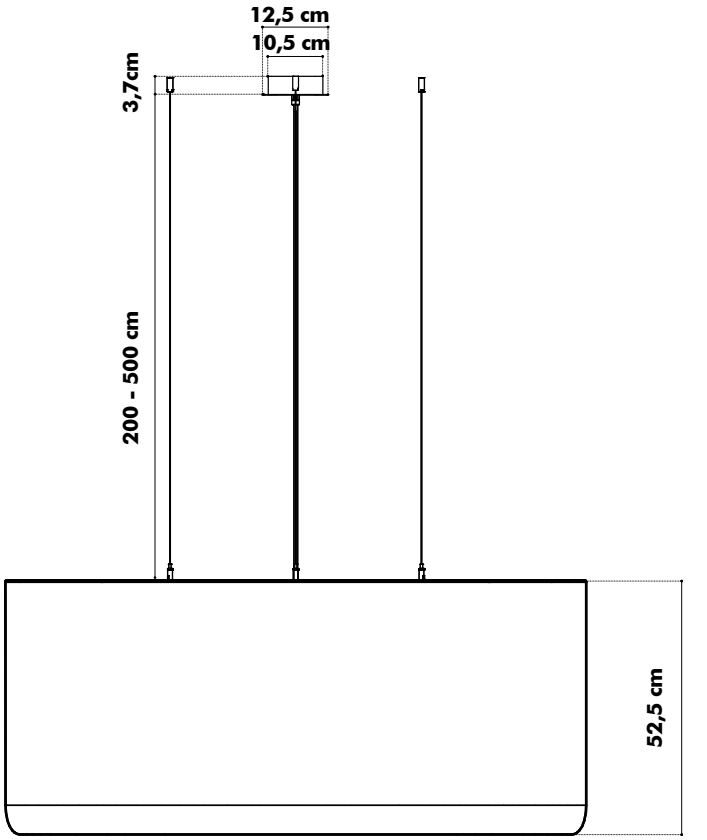


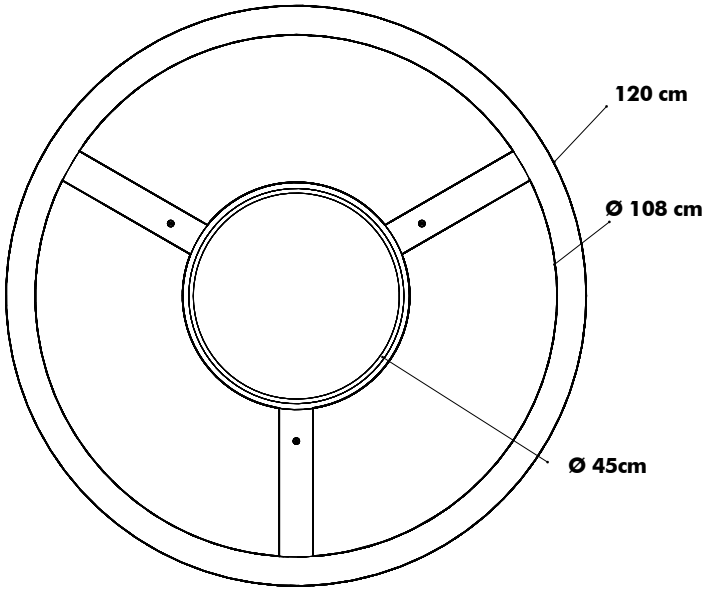
Split



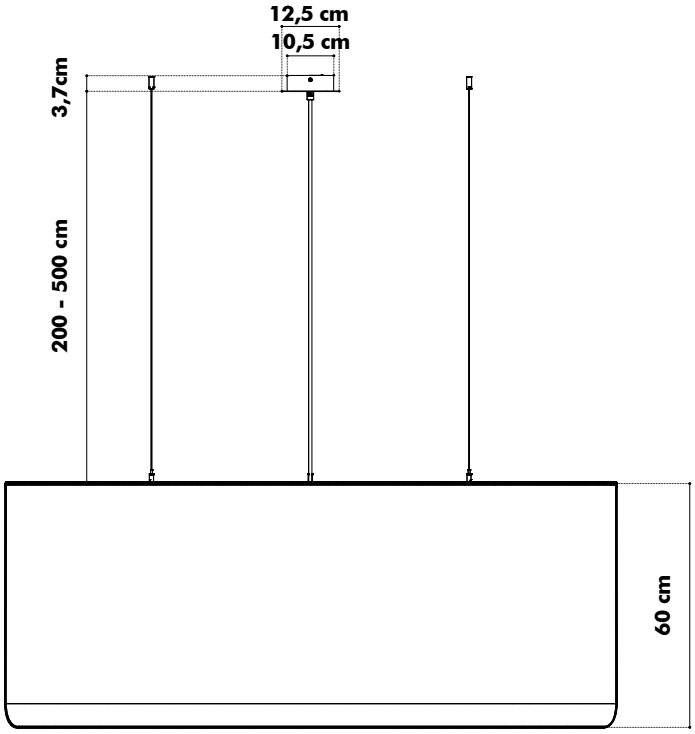


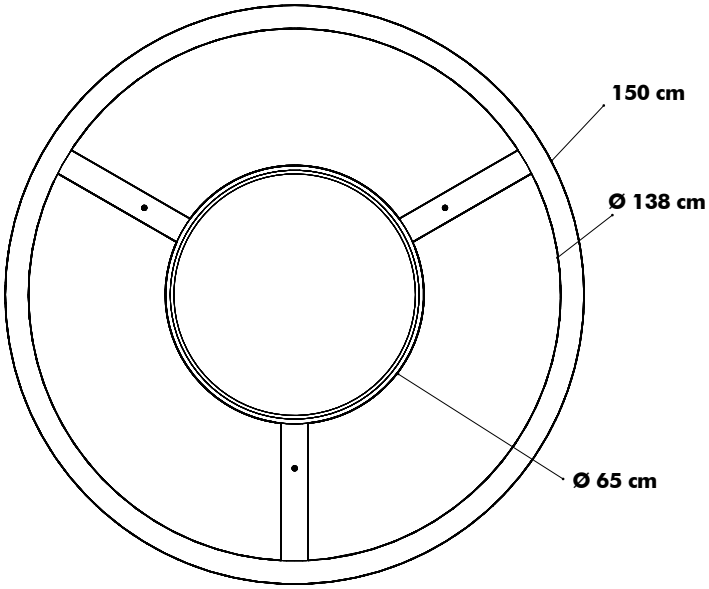
BuzziJet Ceiling Suspended XL



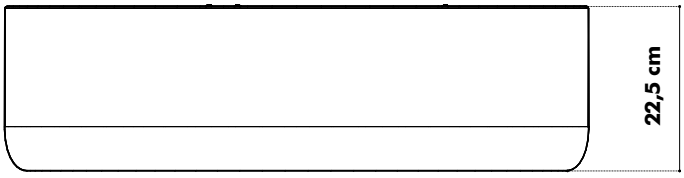


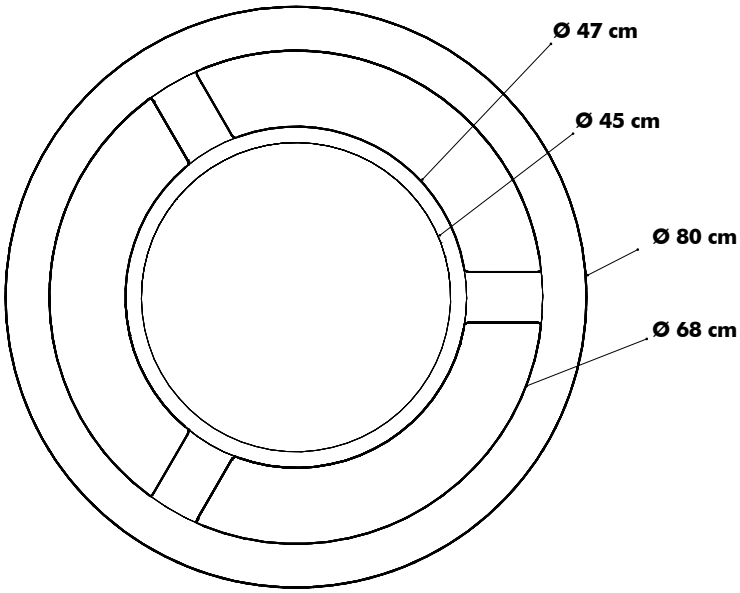
BuzziJet Ceiling Suspended XXL



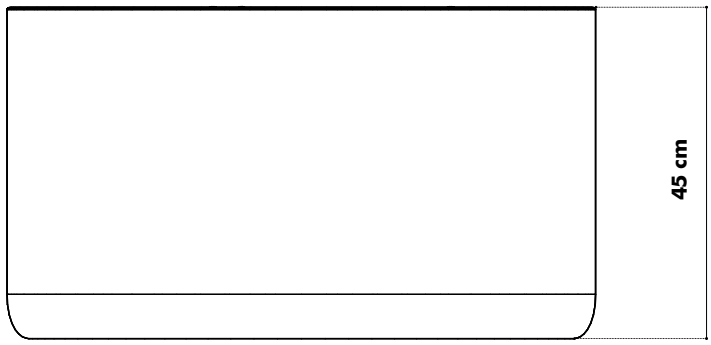


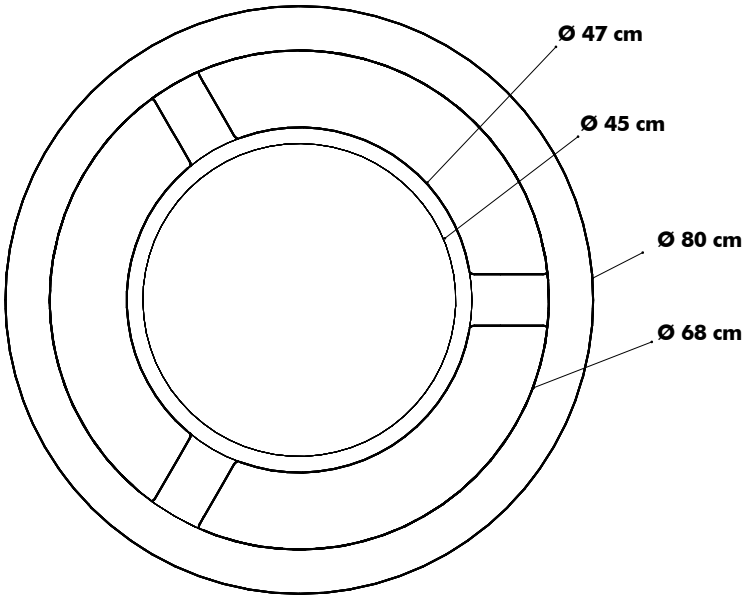
BuzziJet Ceiling Mounted S





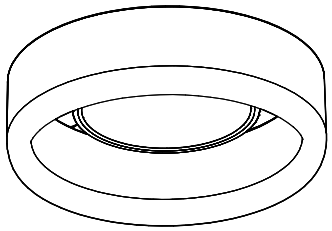
BuzziJet Ceiling Mounted M





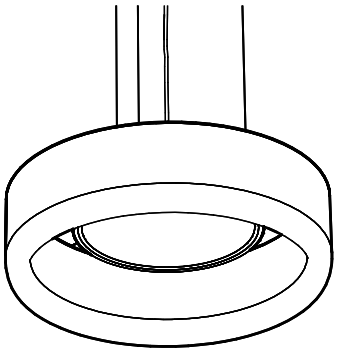
Weights

BuzziJet S Ceiling Mounted



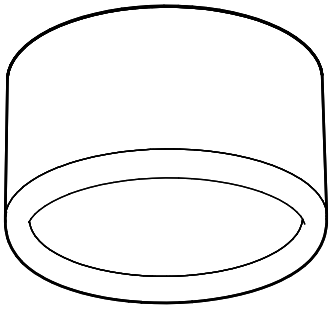
⚖ 12 kg

BuzziJet S Ceiling Suspended



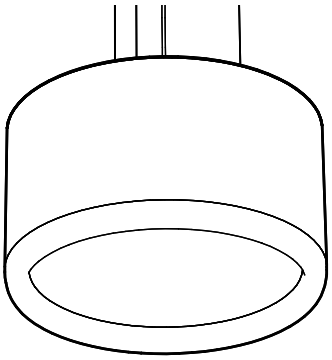
⚖ 13 kg

BuzziJet M Ceiling Mounted



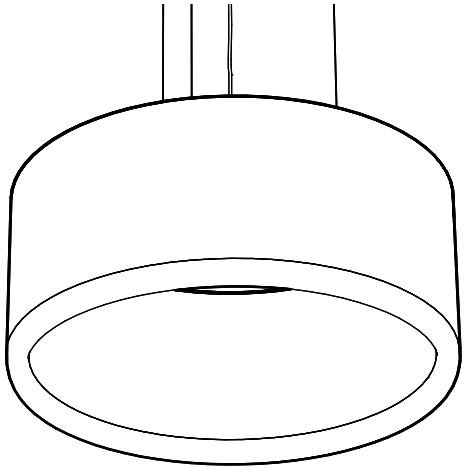
⚖ 14 kg

BuzziJet M Ceiling Suspended



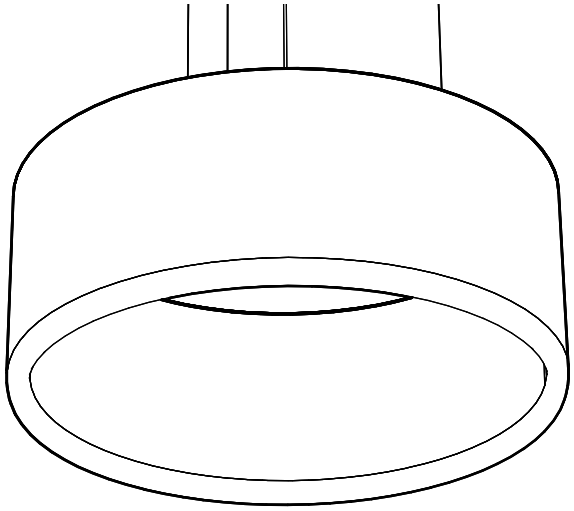
⚖ 15 kg

BuzziJet XL Ceiling Suspended



17 kg

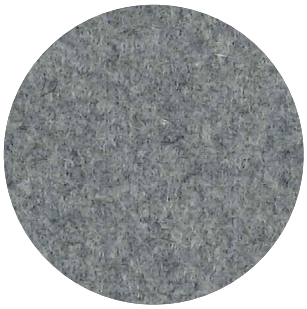
BuzziJet XXL Ceiling Suspended



26 kg

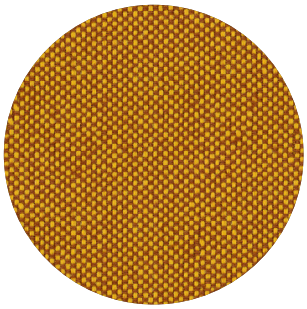
Fabrics

Fabric (45 colors)



Category A
Composition 70% Recycled Wool, 25% Recycled Polyacryl,
5% Recycled Other Fabrics
Weight 405 g/m² | 11.94 oz/yd²
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

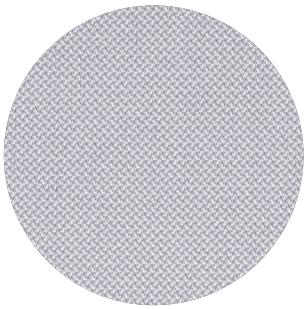
Trevira CS+|CS (47 colors)



Category A
Weight 420 g/m² | 12.39 oz/yd²
Composition 100% Polyester, Trevira CS
Abrasion resistance 100.000 Martindale, 90,000 Wyzenbeek
Flammability BS 5852 part II: CRIB 5 | BS 7176 Medium Hazard
USA: CAL TB 117 | M1 | B1 | EN 1021/1-2 |C1 |
IMO Res. A652 (16)
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

Revive 1 (25 colors)

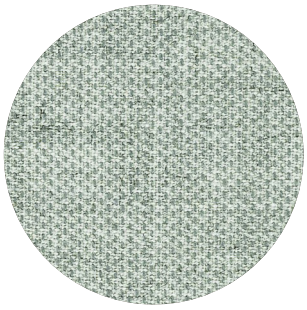
kvadrat



Category A
Composition 100% recycled polyester FR
Weight 430 g/lin.m
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

Clara 2 (24 colors)

kvadrat



Category B
Composition 92% new wool, 8% nylon
Weight 400 g/lin.m
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

Remix 3 (73 colors)

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Category B
Composition 90% new wool, 10% nylon
Weight 415 g/lin.m
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

Hero 2 (33 colors)

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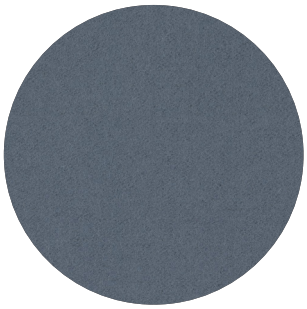

Category C
Composition 96% new wool, 4% nylon
Weight 580 g/lin.m
Abrasion resistance 45.000 Martindale rubs, EN ISO 12947
Flammability EN 1021-1/2 | DIN 4102 B2 | NF D 60 013
UNI 9175 1IM | US Cal. Bull. 117-2013 | NFPA 260
IMO A.652 (16)
Fastness to light Note 5-6, ISO 105-B02
Fastness to rubbing (ISO) dry 4-5, wet 4-5
Pilling Note 3-4, EN ISO 12945

Tonus 4 (47 colors)

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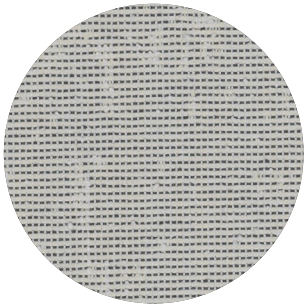
Category D
Composition 90% new wool, 10% Helanca
Weight 665 g/lin.m
Abrasion resistance 100.000 Martindale rubs, EN ISO 12947
Flammability EN 1021-1/2 | BS 5852 part 1 | DIN 4102 B2
Önorm B1/Q1 | NF D 60 013 | UNI 9175 1IM
US Cal. Bull. 117-2013 | NFPA 260 | IMO A.652 (16)
Fastness to light Note 5-7,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

Memory 2 (20 colors)

kvadrat



Category E
Composition 100% Trevira CS
Weight 700 g/lin.m
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