



Product Specification Sheet

BuzziJet US

— 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

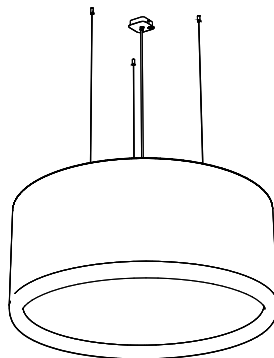
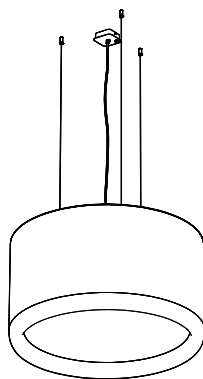
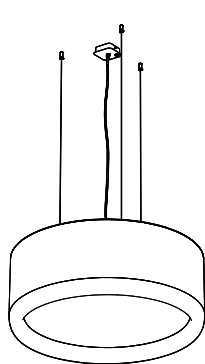
BuzziJet S

BuzziJet M

BuzziJet XL

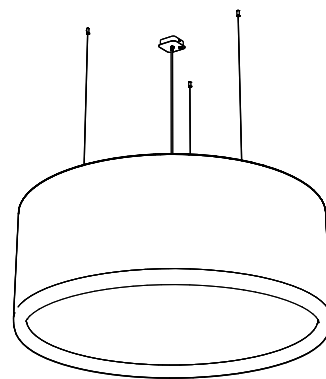
BuzziJet XXL

LED Disk
Ø 470



Lighting Units

LED Disk
Ø 670



Required order information

1. Size
2. Fabric (CAT -> Collection -> Color)
3. Mounting Option

Lighting Data

Lighting Unit

LED Disk



The Milky PMMA diffusor (UGR 22) ensures an optimal light spread and efficiency. It creates a very diffuse light surface without any dottiness.

The light source of the BuzziJet is a LED PCB, containing 104 medium power LED's for the S | M | XL and for the XXL 248 medium power LED's

BuzziJet Suspended Lighting Options

Models: S | M | XL

Options				Characteristics		Mounting
Voltage Input	Color Temperature	UGR (Diffuser type)	Dimming	Technical	Visual	Options
120V	3000K	22 (milky)	1-10V	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 78.74" or 196.85" Alu or Black Split (only S M): 1 cable splits in 3 78.74" or 196.85" Alu or Black
			Dali	Power consumption: 35W Light output: 3170 Lm Efficacy: 91 Lm/W CRI: > 90		
	4000K	19 (prismatic)*	1-10V Dali	Power consumption: 35W Light output: 3600 Lm Efficacy: 103 Lm/W CRI: > 90		
		22 (milky)	1-10V Dali	Power consumption: 35W Light output: 3400 Lm Efficacy: 9 Lm/W CRI: > 90		
	3500K	19 (prismatic)*	1-10V Dali	Power consumption: 35W Light output: 3660 Lm Efficacy: 105 Lm/W CRI: > 90		
		22 (milky)	1-10V	Power consumption: 29W Light output: 2545 Lm Efficacy: 88 Lm/W CRI: > 90		
277V	3000K 3500K	22 (milky)	1-10V	Power consumption: 29W Light output: 2545 Lm Efficacy: 88 Lm/W CRI: > 90		

Models: XXL

Options				Characteristics		Mounting
Voltage Input	Color Temperature	UGR (Diffuser type)	Dimming	Technical	Visual	Options
120-277V	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 78.74" or 196.85" Alu or Black

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

BuzziJet Ceiling Mounted Lighting Options

Models: S | M

Options				Characteristics	Mounting
Voltage Input	Color Temperature	UGR (Diffuser type)	Dimming	Technical	Options
120V	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.

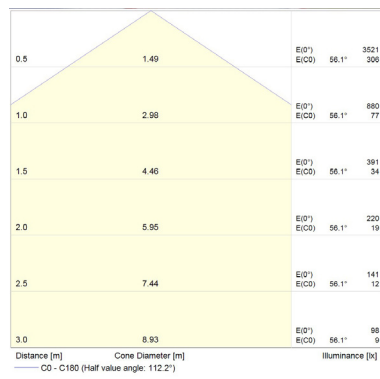


PEFC PEFC/07-32-385

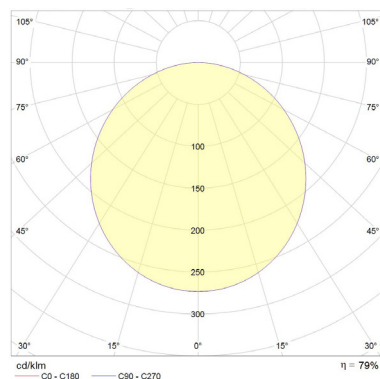
Photometric Data

BuzziJet S | M | XL LED Disk Ø 470

LED Disk Ø 470 Cartesian diagram

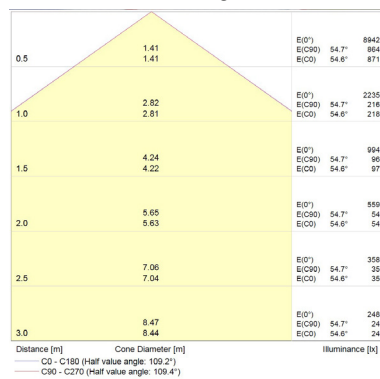


LED Disk Ø 470 Polar curve

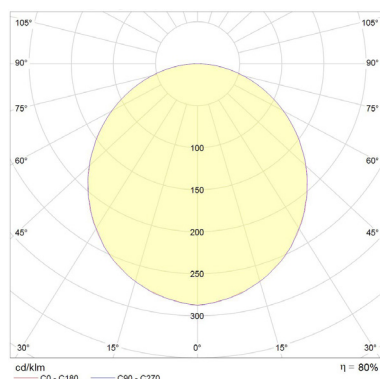


BuzziJet XXL LED Disk Ø 670

LED Disk Ø 670 Cartesian diagram



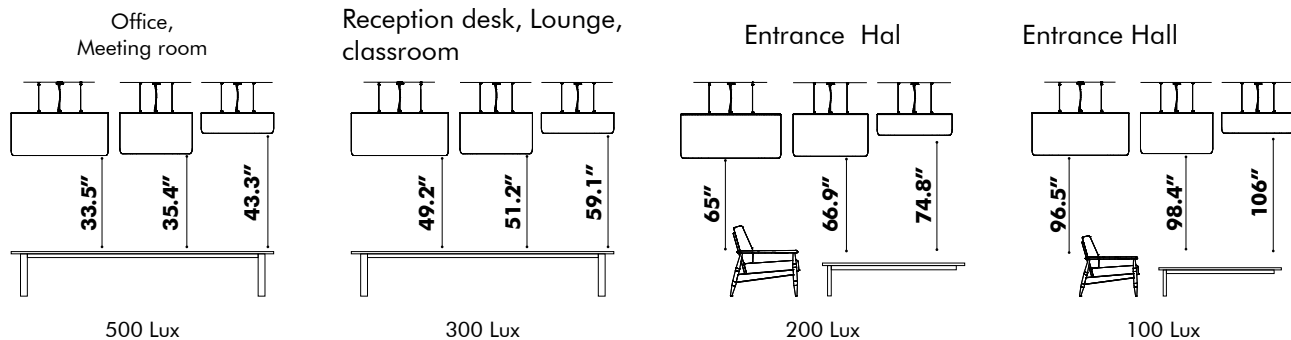
LED Disk Ø 670 Polar curve



Tips and Tricks - Light Options

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

BuzziJet S | M | XL

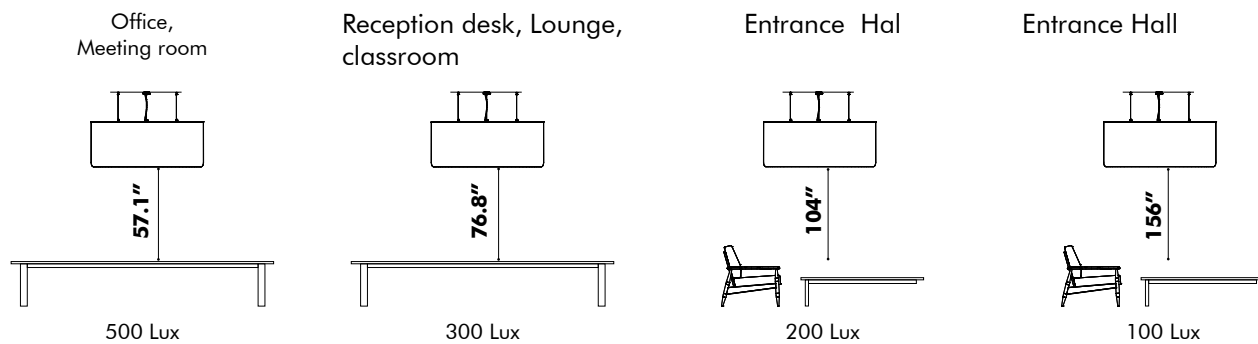


To ensure a continuous light spread into account take following distances inbetween the BuzziJets S | M | XL



* According to EN12464

BuzziJet XXL

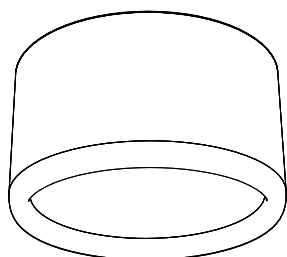


* According to EN12464

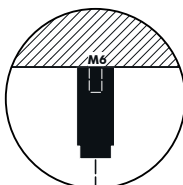
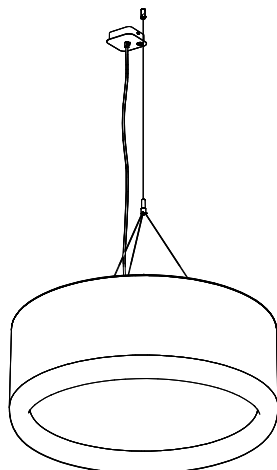
Product Data

Fixing System

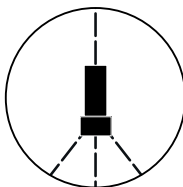
Ceiling Mounted (only available for BuzziJet S | M)



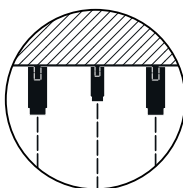
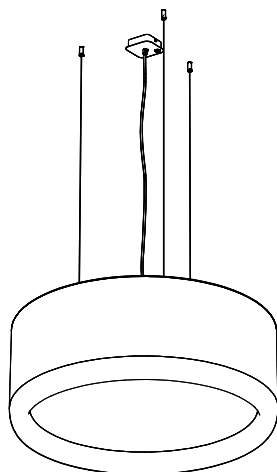
Ceiling Suspended Split (only available for BuzziJet S | M)



Ceiling Suspended Split
Fixing System Screw with 3 split cables and 1 main cable, total length of 78.74" or 196.85" (black or alu)
Min. distance of shade to ceiling is 19.70"



Ceiling Suspended Straight



Ceiling Suspended Straight
Fixing System Screw with 3 cables of 78.74" or 196.85" (black or alu)
Min. distance of shade to ceiling is 3.90"

▲ 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



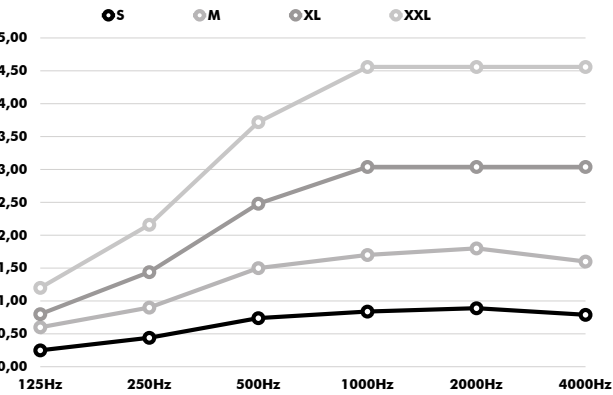
Mid tone



High tone

Acoustics

BuzziJet Equivalent sound absorption area in m² per object

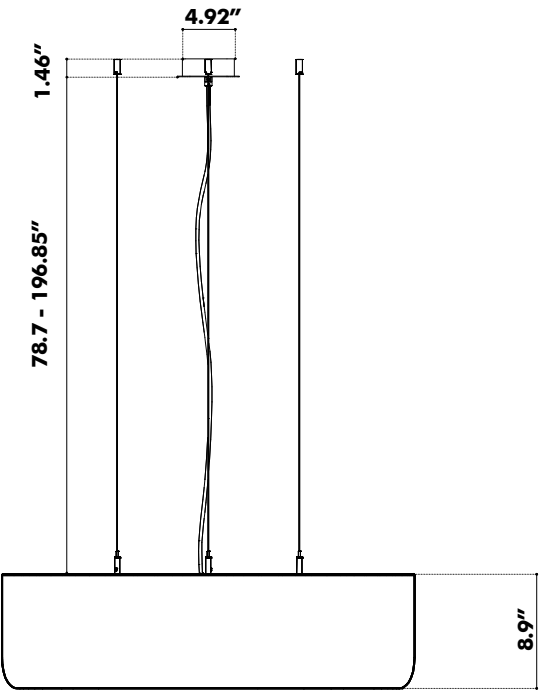


Hz	S Aeq/m²	M Aeq/m²	XL Aeq/m²	XXL Aeq/m²
125	0.25	0.60	0.80	1.20
250	0.44	0.90	1.44	2.16
500	0.74	1.50	2.48	3.72
1000	0.84	1.70	3.04	4.56
2000	0.89	1.80	3.04	4.56
4000	0.79	1.60	3.04	4.56

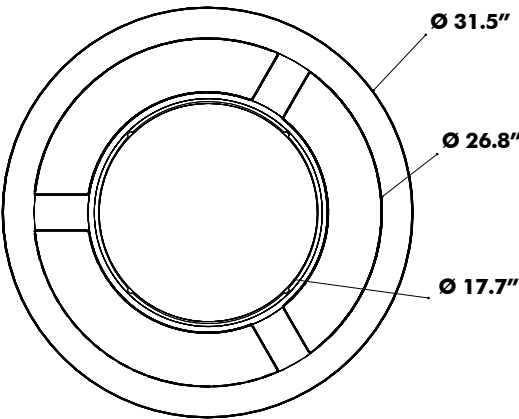
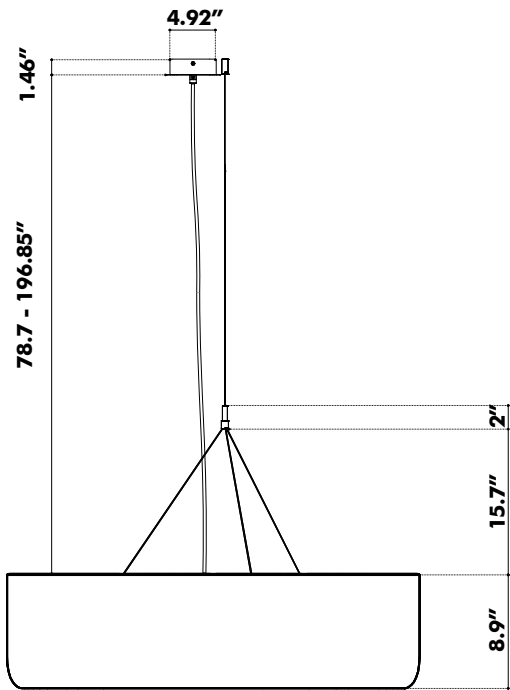
Dimensions

BuzziJet Ceiling Suspended S

Straight

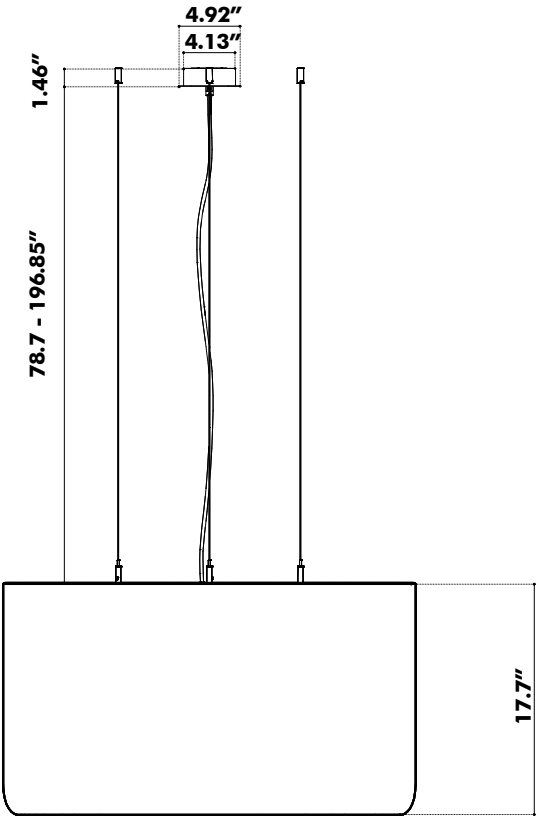


Split

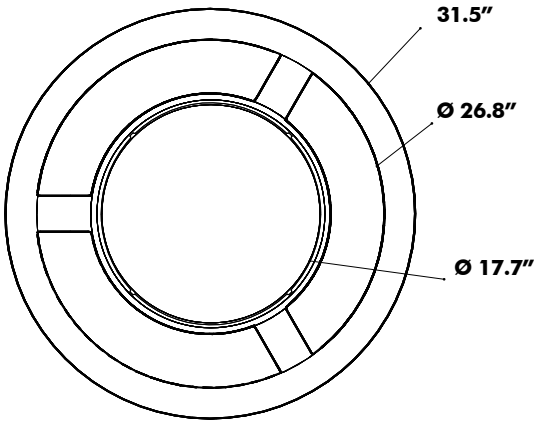
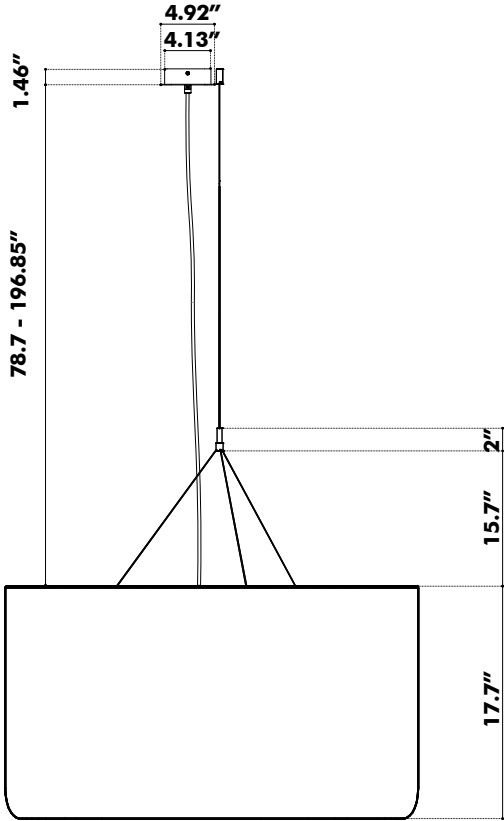


BuzziJet Ceiling Suspended M

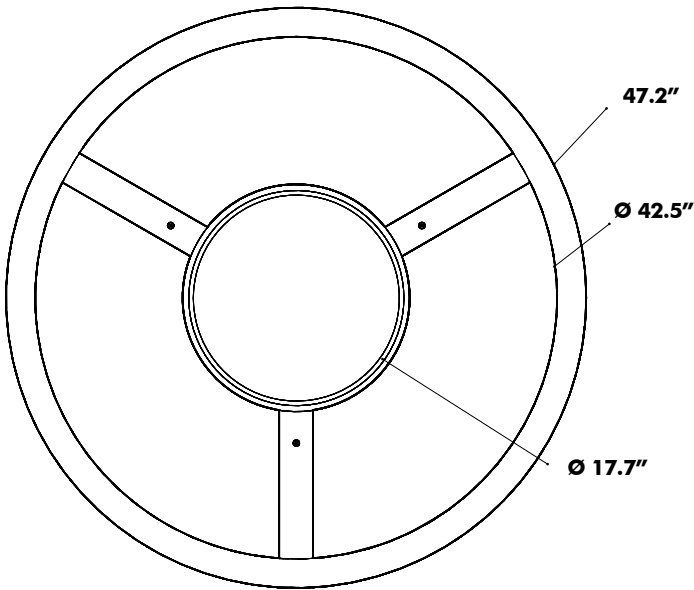
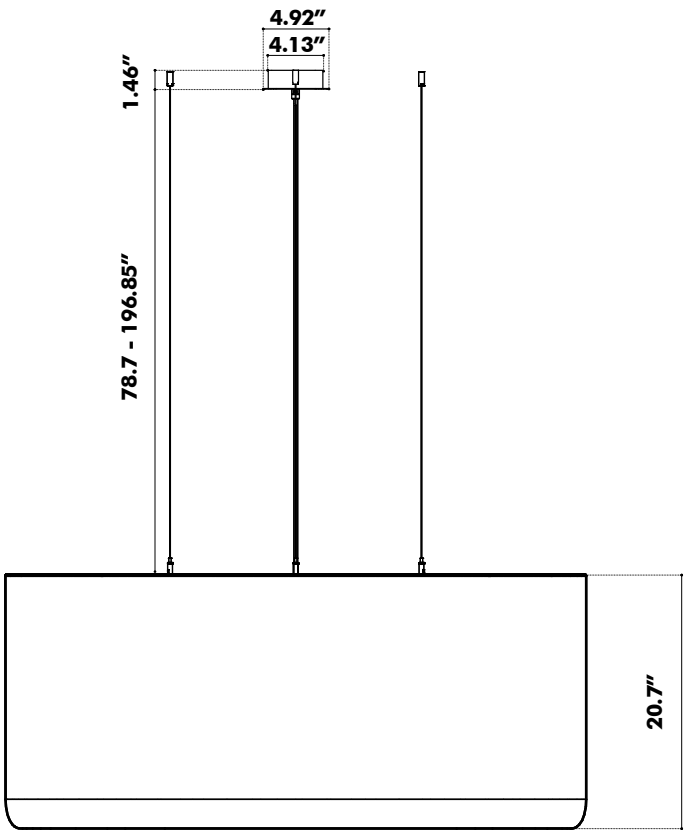
Straight



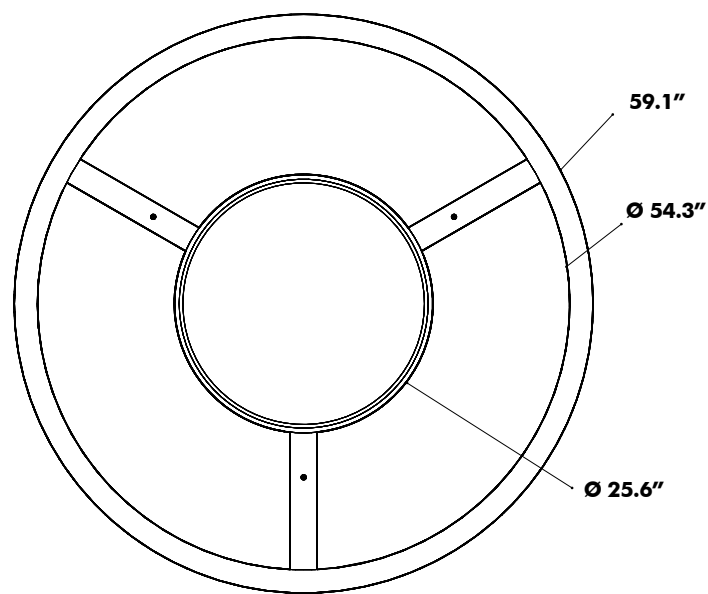
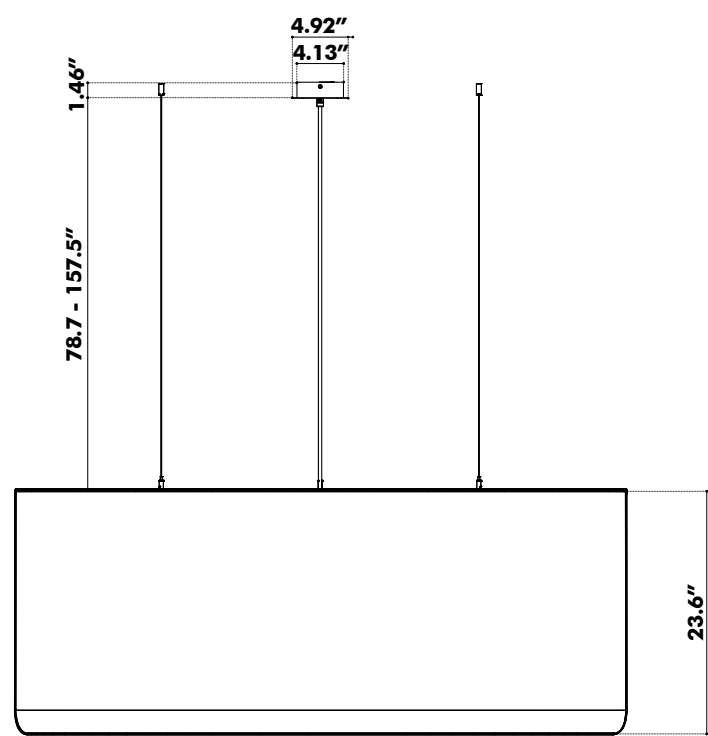
Split



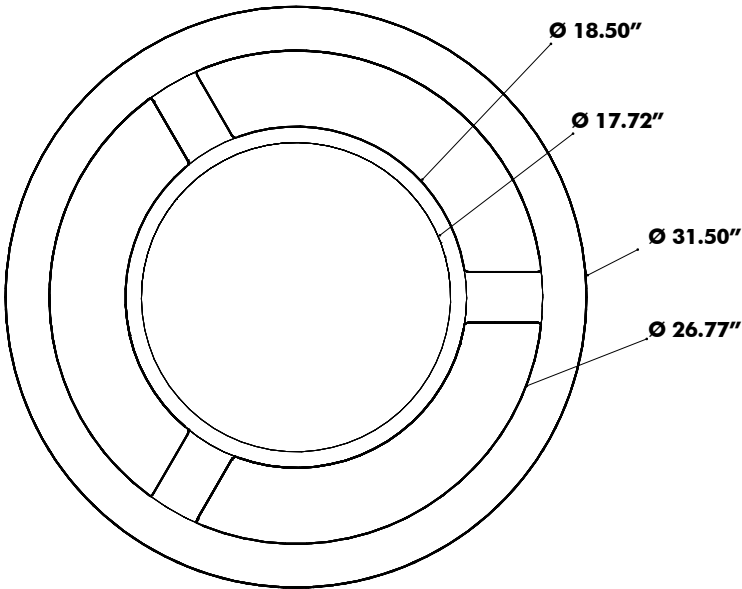
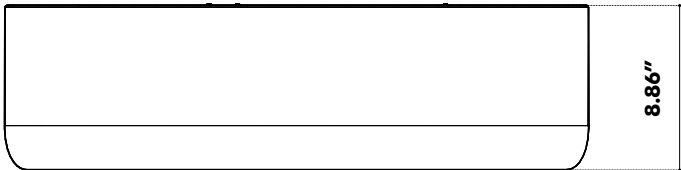
BuzziJet Ceiling Suspended XL



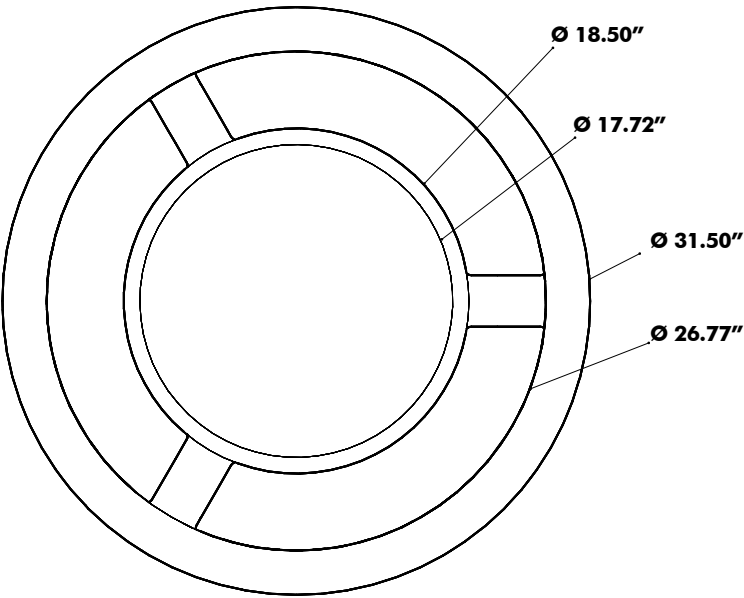
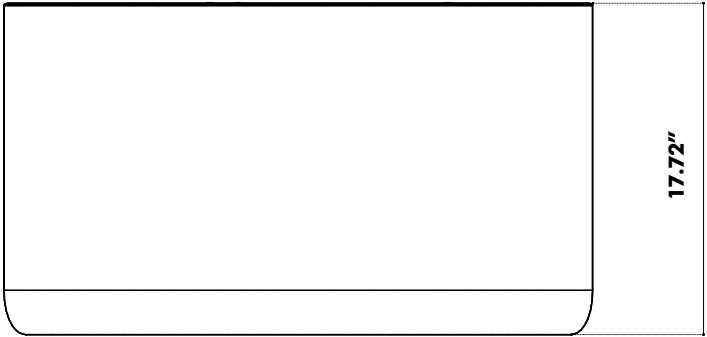
BuzziJet Ceiling Suspended XXL



BuzziJet Ceiling Mounted S

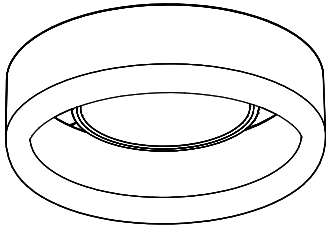


BuzziJet Ceiling Mounted M



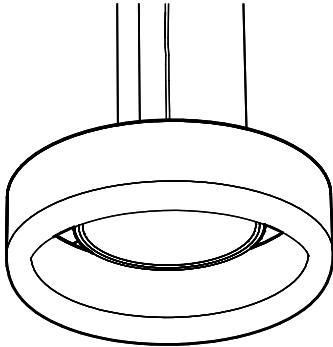
Weights

BuzziJet S Ceiling Mounted



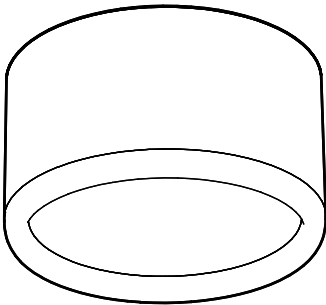
 26.46 lbs

BuzziJet S Ceiling Suspended



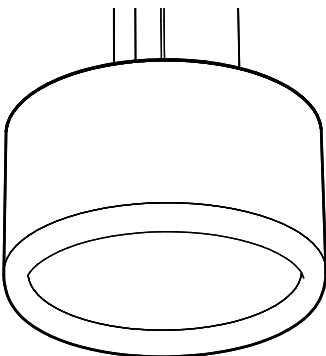
 27.70 lbs

BuzziJet M Ceiling Mounted



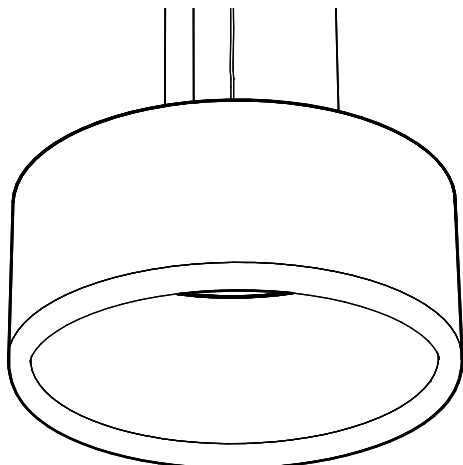
 30.86 lbs

BuzziJet M Ceiling Suspended



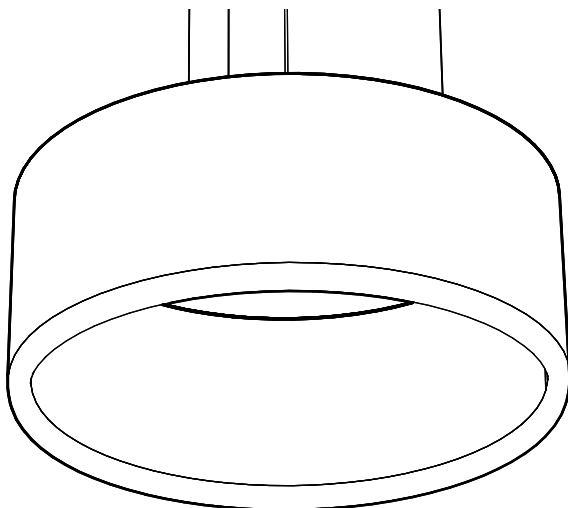
 33.10 lbs

BuzziJet XL Ceiling Suspended



 37.50 lbs

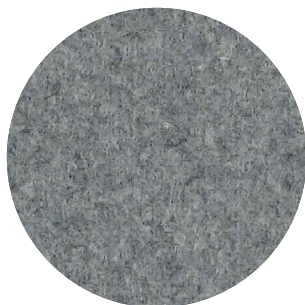
BuzziJet XXL Ceiling Suspended



 57.30 lbs

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

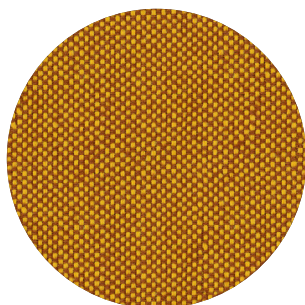
Fastness to light EU: 4 | USA 4

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

Fastness to crocking USA: Wet 5 | Dry 5



Trevira CS (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)

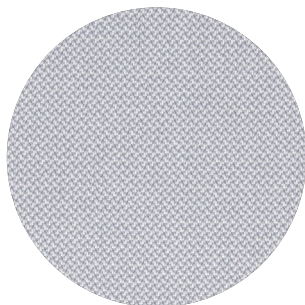
Fastness to light EU: 6 | USA 5

Fastness to rubbing EU: Wet 4-5 | Dry 4-5

Fastness to crocking USA: Wet 5 | Dry 5



Revive 1 (25 colors)



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

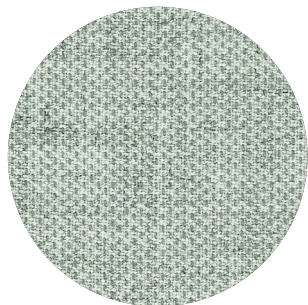
Pilling Note 4-5, EN ISO 12945



kvadrat

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 11M | 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)

kvadrat



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, 11M
AS/NZS 1530.3 | Cal. Tech. Bull. 117-2013
NFPA 260 | IMO FTP Code 2010:Part 8

Fastness to light Note 5-7, ISO 105-B02

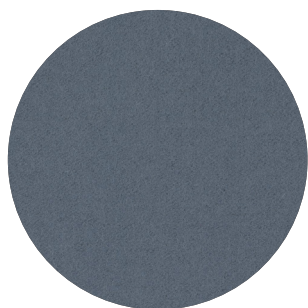
Fastness to rubbing (ISO) dry 4-5, wet 4

Pilling Note 4, EN ISO 12945



Hero 2 (33 colors)

kvadrat



Category C

Composition 97% new wool, 3% 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 11M | 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)

kvadrat



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 11M
US Cal. Bull. 117-2013 | NFPA 260 | IMO A.652 (16)

Fastness to light Note 5-7, ISO 105-B02

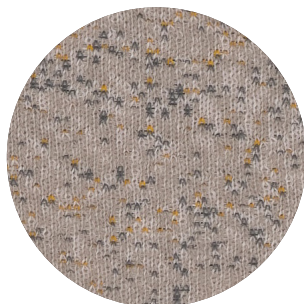
Fastness to rubbing (ISO) dry 3-5, wet 3-5

Pilling Note 3, EN ISO 12945



Arda (12 colors)

kvadrat



Category E

Composition 70% new wool 21% polyester 9% nylon

Weight 800 g/lin. m | 25.8 oz/ly

Abrasion resistance

Approx. 50.000 Martindale rubs, EN ISO 12947

Flammability ASTM E84 Class A Unadhered | AS/NZS 3837 class 2 | BS 5852 part 1
BS 5852 crib 5 | DIN 4102 B2 | EN 1021-1/2 | IMO FTP Code 2010 Part 8
UNI 9175 1IM | US Cal. Bull. 117-2013

Fastness to light Note 5-8, ISO 105-B02

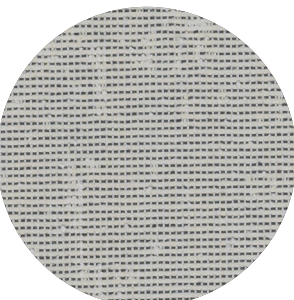
Fastness to rubbing Dry note 3-5 ISO 105-X12
Wet note 3-5 ISO 105-X12

Pilling Note 4, 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

