



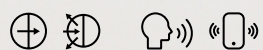
## Product Specification Sheet

### BuzziTrom EU

— By BuzziSpace Studio

#### Functional lighting with acoustic power

BuzziTrom is the first functional acoustic lighting solution crafted from a dual layer of felt that works on speech and high-tones. Along with an integrated LED disk, this acoustic lighting pendant houses an enclosed 4 cm air cavity that ensures maximum acoustic performance. Its cylindrical design traps sound waves within the radius of its frame; meanwhile, the exterior helps to diffuse sound energy.



# The Family

## Sizes

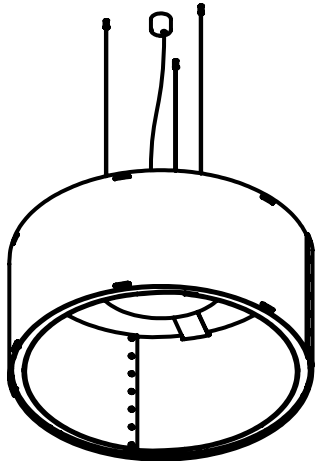
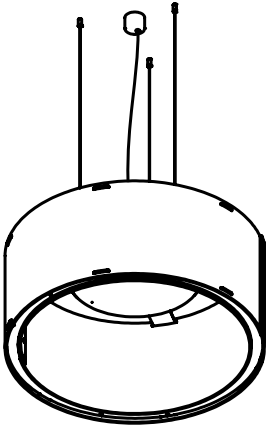
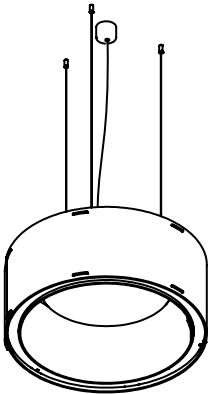
BuzziTrom S

BuzziTrom M

BuzziTrom L

Lighting Unit

LED Disk  
Ø 470



Required order information

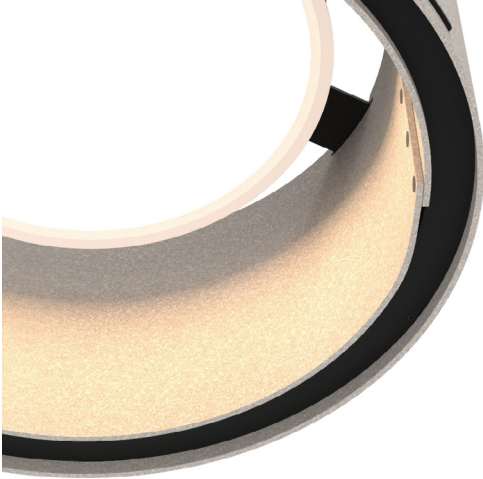
- 1. Size
- 2. BuzziFelt Color
- 3. Mounting Option
- 4. Option

# Lighting Data

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## Lighting Unit

**LED Disk Ø 470**



The PMMA diffuser ensures an optimal light spread and efficiency. It creates a very diffuse light surface without any dottiness. The light source of the BuzziTrom is a LED PCB, containing 36 low power LED's.

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

# Lighting specifications

## BuzziTrom S

Lighting Unit	Voltage	Wattage	Light Output Luminaire	Efficacy (Lm/W)	CRI	Dimming	Color Temperature	UGR	Standard (stock) On request (>LT)	Color Power Cable	Color Ceiling Canopy	Color Metal Frame	Fabric Collection	Fabric Color	Bicolor	Mounting Option
LED Disk Ø470	230V	29W	2545 Lm	88	90	1-10V	3000K	22	Standard	Transparent	White	Black				
LED Disk Ø470	230V	29W	2545 Lm	88	90	1-10V	3000K	19*	On Request	Transparent	White	Black				
LED Disk Ø470	230V	29W	2545 Lm	88	90	10-10V	4000K	22	On Request	Transparent	White	Black	Use color codes below	Use color codes below	Yes/No	Straight or Split 3 cables of 2 m or 4m in Alu or Black
LED Disk Ø470	230V	29W	2545 Lm	88	90	DALI	4000K	22	On Request	Transparent	White	Black				
LED Disk Ø470	230V	29W	2545 Lm	88	90	DALI	3000K	22	On Request	Transparent	White	Black				

## BuzziTrom M

Lighting Unit	Voltage	Wattage	Light Output Luminaire	Efficacy (Lm/W)	CRI	Dimming	Color Temperature	UGR	Standard (stock) On request (>LT)	Color Power Cable	Color Ceiling Canopy	Color Metal Frame	Fabric Collection	Fabric Color	Bicolor	Mounting Option
LED Disk Ø470	230V	29W	2545 Lm	88	90	1-10V	3000K	22	Standard	Transparent	White	Black				
LED Disk Ø470	230V	29W	2545 Lm	88	90	1-10V	3000K	19*	On Request	Transparent	White	Black				
LED Disk Ø470	230V	29W	2545 Lm	88	90	1-10V	4000K	22	On Request	Transparent	White	Black	Use color codes below	Use color codes below	Yes/No	Straight or Split 3 cables of 2 m or 4m in Alu or Black
LED Disk Ø470	230V	29W	2545 Lm	88	90	DALI	4000K	22	On Request	Transparent	White	Black				
LED Disk Ø470	230V	29W	2545 Lm	88	90	DALI	3000K	22	On Request	Transparent	White	Black				

## BuzziTrom L

Lighting Unit	Voltage	Wattage	Light Output Luminaire	Efficacy (Lm/W)	CRI	Dimming	Color Temperature	UGR	Standard (stock) On request (>LT)	Color Power Cable	Color Ceiling Canopy	Color Metal Frame	Fabric Collection	Fabric Color	Bicolor	Mounting Option
LED Disk Ø470	230V	29W	2545 Lm	88	90	1-10V	3000K	22	Standard	Transparent	White	Black				
LED Disk Ø470	230V	29W	2545 Lm	88	90	1-10V	3000K	19*	On Request	Transparent	White	Black				
LED Disk Ø470	230V	29W	2545 Lm	88	90	1-10V	4000K	22	On Request	Transparent	White	Black	Use color codes below	Use color codes below	Yes/No	Straight 3 cables of 2 m or 4m in Alu or Black
LED Disk Ø470	230V	29W	2545 Lm	88	90	DALI	4000K	22	On Request	Transparent	White	Black				
LED Disk Ø470	230V	29W	2545 Lm	88	90	DALI	3000K	22	On Request	Transparent	White	Black				



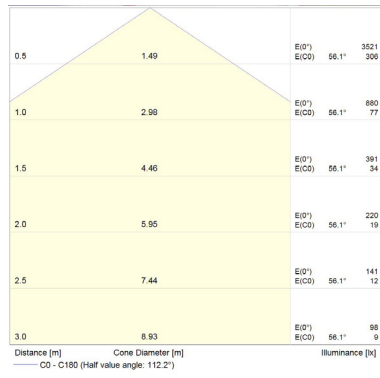
CE CB

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

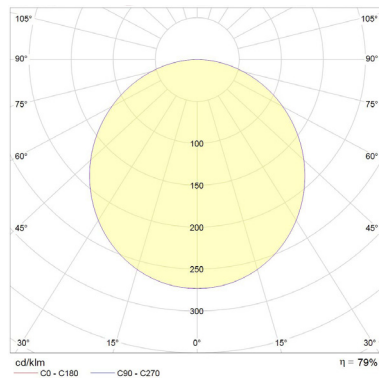
# Photometric Data

## BuzziTrom S | M | L LED Disk Ø 470

LED Disk Ø 470 Cartesian diagram



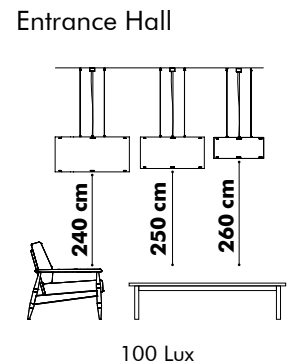
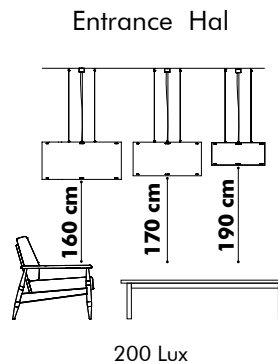
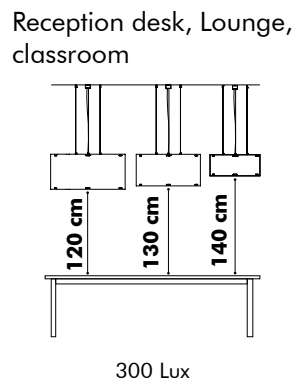
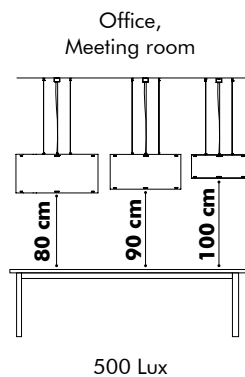
LED Disk Ø 470 Polar curve



## Tips and Tricks - Light Options

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

### BuzziTrom S | M | L LED Disk Ø 470



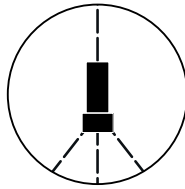
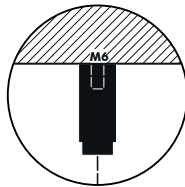
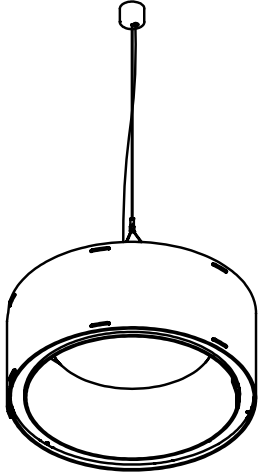
\* According to EN12464

# Product Data

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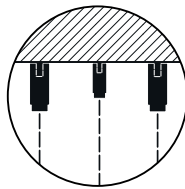
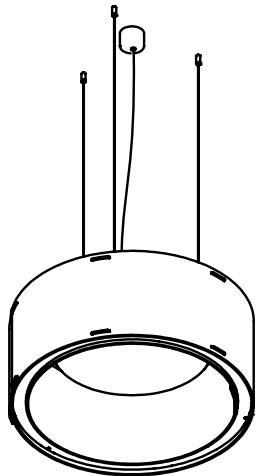
## Fixing System

### Ceiling Suspended Split



Ceiling Suspended Split  
Fixing System Screw with 3 split cables and 1 main cable, total length of 2 m or 4 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 4 m (black or alu)  
Min. distance of shade to ceiling is 10 cm

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

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## Acoustic Shade



The acoustic shade consists of two layers of BuzziFelt, finished with push buttons in glossy black.

The Light source is wrapped with a felt ring in the same felt color as the inside of the shade.

Bicolor is optional: inside/outside in a different BuzziFelt color.



Diffusion



Attenuation



Mid tone

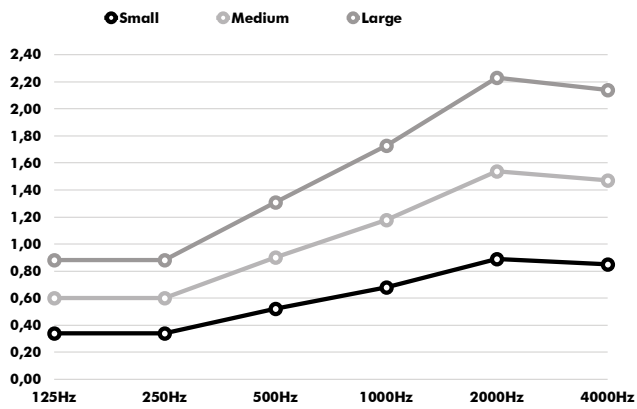


High tone

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# Acoustics

## BuzziTrom Equivalent sound absorption area in m<sup>2</sup> per object



Hz	S Aeq/m <sup>2</sup>	M Aeq/m <sup>2</sup>	L Aeq/m <sup>2</sup>
125	0.34	0.60	0.88
250	0.34	0.60	0.88
500	0.52	0.90	1.31
1000	0.68	1.18	1.73
2000	0.89	1.54	2.23
4000	0.85	1.47	2.14

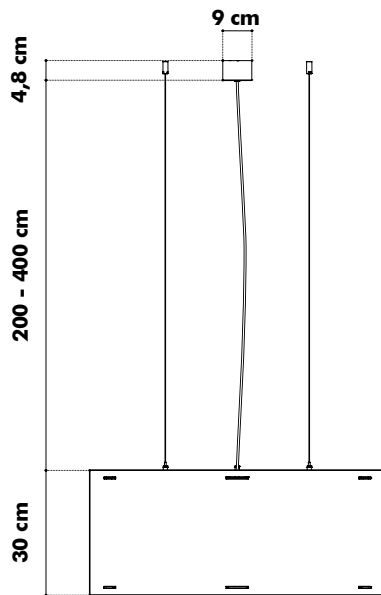


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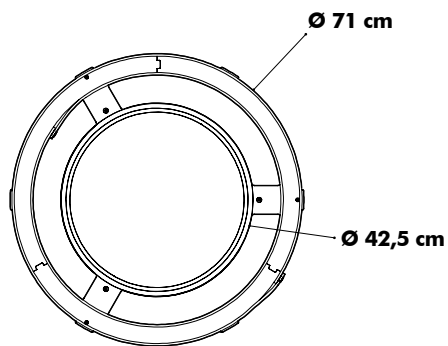
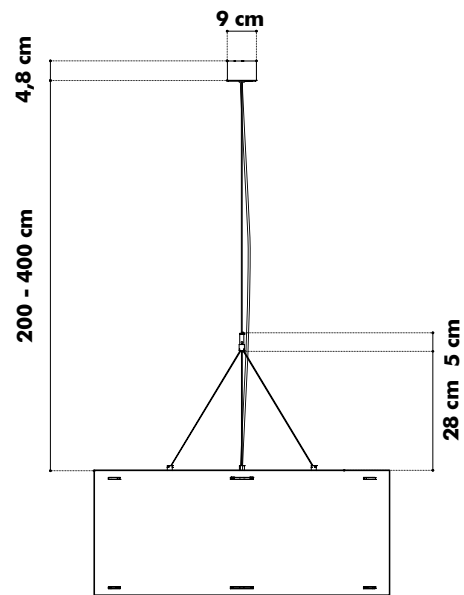
# Dimensions

## BuzziTrom S

**Straight**

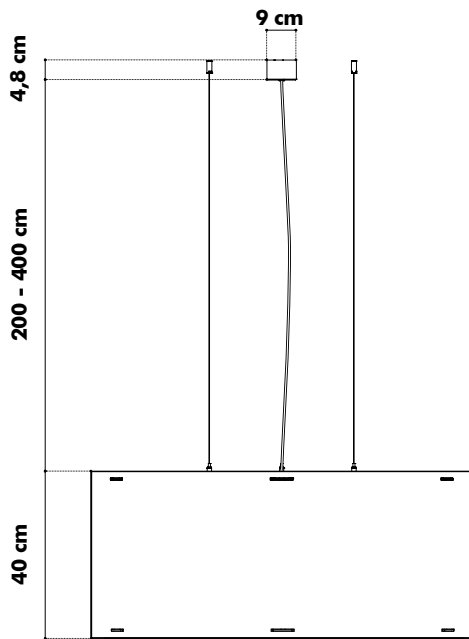


**Split**

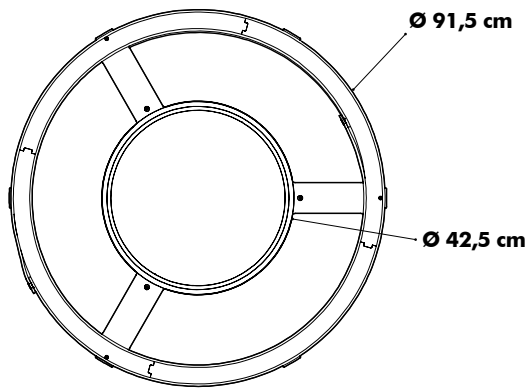
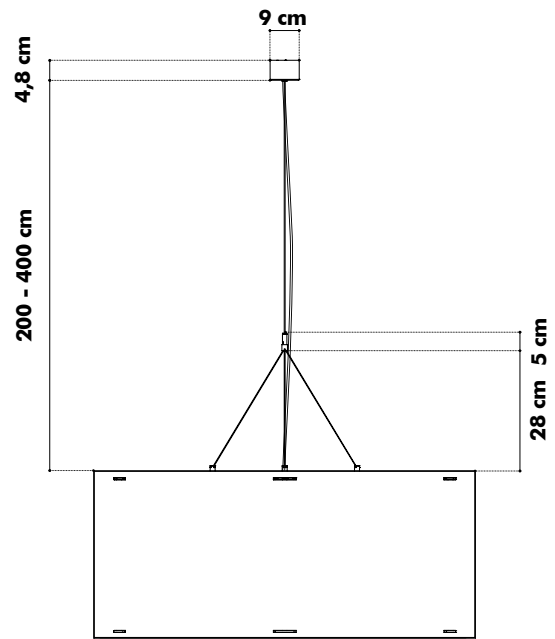


# BuzziTrom M

## Straight

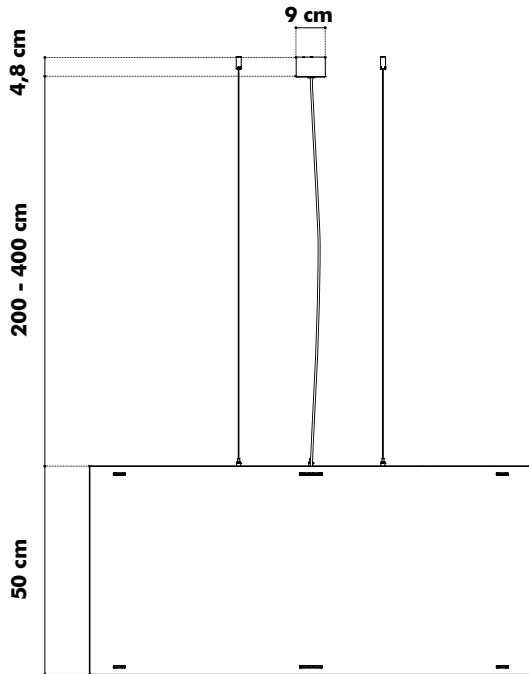


## Split

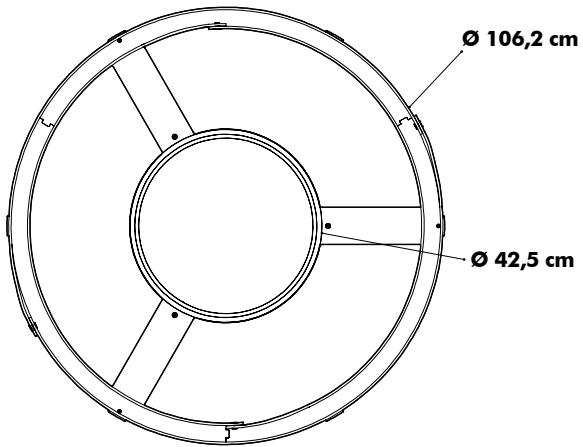
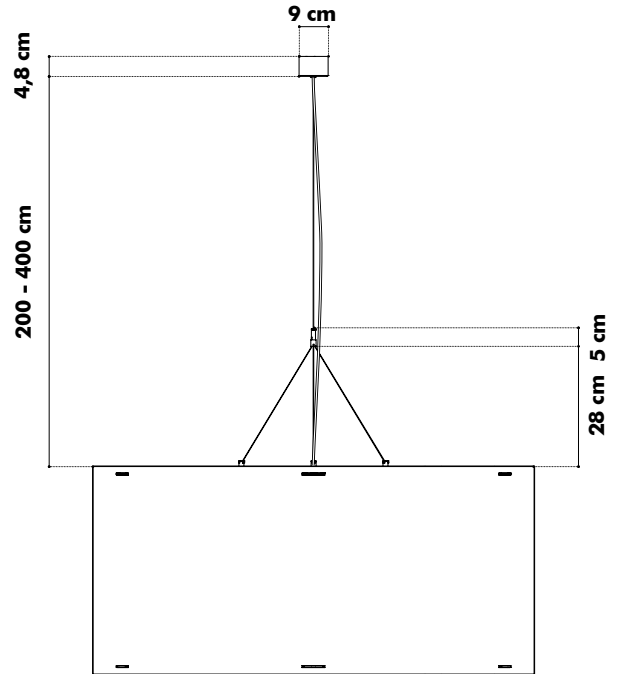


# BuzziTrom L

## Straight



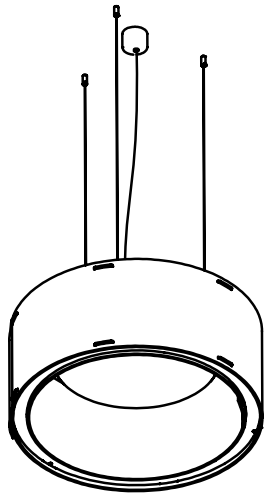
## Split




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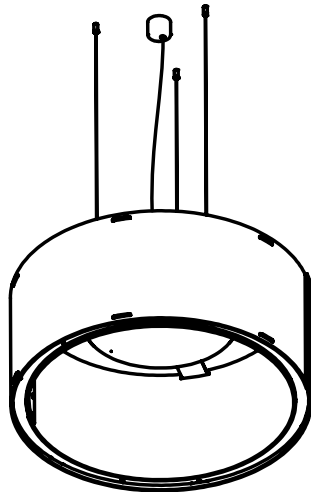
# Weights


## BuzziTrom S



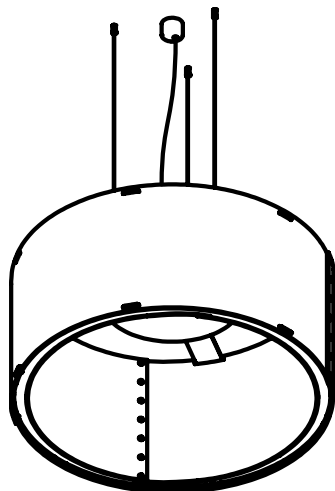
 10,4 kg


## BuzziTrom M



 12,6 kg

## BuzziTrom L

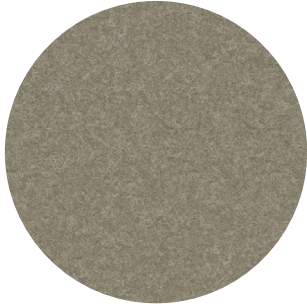


 13,8 kg

# Fabrics

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## Felt (12 colors)



**Composition** 100% Recycled PE.T. Felt, latex backing

**Weight** 1.000 g/m2 | 29.49 oz/yd2

**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** USA 5

