



## Product Specification Sheet

### BuzziZepp Light EU

— By Alain Gilles

#### A sleek acoustic light

BuzziZepp Light doubles as a sound-absorbing panel and can be paired with our LED line, either globe or spot iterations of BuzziSol Trio and BuzziSol Quintet, or choose your own bulbs with our retrofit solution. The acoustic light additionally ensures your space has minimal echo and adequate lighting.





# The Family

## Models

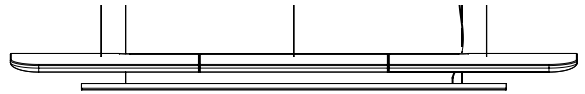
### BuzziZepp Light Small

### BuzziZepp Light Medium

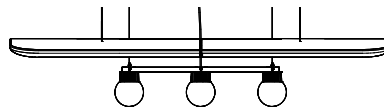
LED Line S



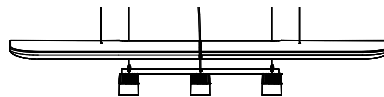
LED Line M



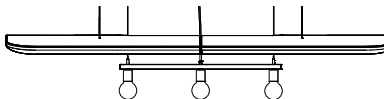
LED Trio Globe



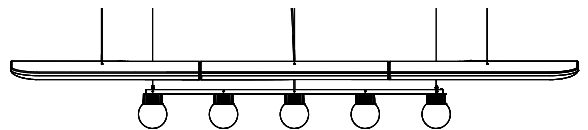
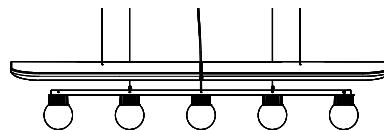
LED Trio Spot



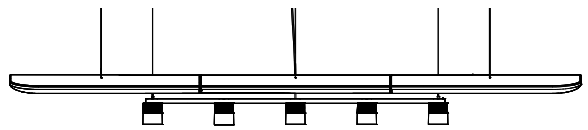
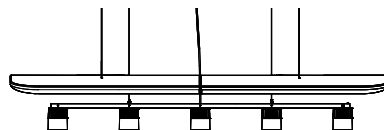
Retrofit Trio



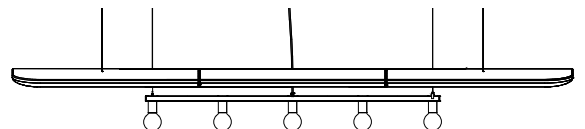
LED Quintet Globe



LED Quintet Spot



Retrofit Quintet



Lighting Units

Required order information

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

# Lighting Data

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## Lighting Units

### Retrofit Lighting unit



BuzziSpace LED Line 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 LED Lines are available in two sizes: S and M.



BuzziZepp Small retrofit includes 3 x E27 fitting. (Max. 60W)

BuzziZepp Medium retrofit includes 5 x E27 fitting. (Max. 60W)

Bulb excluded

### LED Globe



The LED fixtures consists of 3 or 5 powder-coated black heatsinks with LED chip on board (COB) light source(s).

The product can be finished with a frosted glass globe diffuser which spreads the light in a large beam angle of 170°, enlighting the surroundings or a reflector spot adaptor directing the light with a beam angle of 38° downwards.

### LED Spot



# BuzziZepp Light

**Model: Small** (Length 200 - Width 117 cm)

Lighting Options		Characteristics			Mounting		
Lighting Unit	Voltage Input	Color Temperature	UGR (Diffuser type)	Dimming	Technical	Visual	Options
LED Line S	230V	3000K	23	1-10V DALI	Power consumption: 33W Light output: 2300 Lm Efficacy: 71 Lm/W CRI: > 90	Color: Power Cable: Black Ceiling Canopy: Black	4 cables of 2 or 5 m Alu or Black
		4000K (On request)	24	1-10V DALI	Power consumption: 33W Light output: 2300 Lm Efficacy: 71 Lm/W CRI: > 90		
		2700K (On request)	24	1-10V DALI	Power consumption: 33W Light output: 2300 Lm Efficacy: 71 Lm/W CRI: > 90		

Lighting Options		Characteristics		Mounting
Lighting Unit	Voltage Input	Technical	Visual	Options
Retrofit Trio	220-240V	Wattage: 3 x Max. 60W	Color: Power Cable: Black Ceiling Canopy: Black	2 cables of 2 m or 5 m Alu or Black

Lighting Options		Characteristics			Mounting		
Lighting Unit	Voltage Input	Color Temperature	UGR (Diffuser type)	Dimming	Technical	Visual	Options
LED Trio	220-240V	3000K	23 (Globe)	1-10V DALI	Power consumption: 51W Light output: 3 x1500 Lm Efficacy: 88 Lm/W CRI: > 90	Color: Power Cable: Black Ceiling Canopy: Black	4 cables of 2 or 5 m Alu or Black
			12 (Spot)	1-10V DALI	Power consumption: 51W Light output: 3 x1500 Lm Efficacy: 88 Lm/W CRI: > 90		



**Model: Medium** (Length 300 - Width 117 cm)

**Lighting Options**

**Characteristics**

**Mounting**

Lighting Unit	Voltage Input	Color Temperature	UGR (Diffuser type)	Dimming	Technical	Visual	Options
LED Line M	230V	3000K	23	1-10V DALI	Power consumption: 65W Light output: 4600 Lm Efficacy: 71 Lm/W CRI: > 90	Color: Power Cable: Black Ceiling Canopy: Black	6 cables of 2 or 5 m Alu or Black
		4000K (On request)	24	1-10V DALI	Power consumption: 65W Light output: 4600 Lm Efficacy: 71 Lm/W CRI: > 90		
		2700K (On request)	24	1-10V DALI	Power consumption: 65W Light output: 4600 Lm Efficacy: 71 Lm/W CRI: > 90		

**Lighting Options**

**Characteristics**

**Mounting**

Lighting Unit	Voltage Input	Technical	Visual	Options
Retrofit Quintet	220-240V	Wattage: 5 x Max. 60W	Color: Power Cable: Black Ceiling Canopy: Black	6 cables of 2 or 5 m Alu or Black

**Lighting Options**

**Characteristics**

**Mounting**

Lighting Unit	Voltage Input	Color Temperature	UGR (Diffuser type)	Dimming	Technical	Visual	Options
LED Quintet	220-240V	3000K	23 (Globe)	1-10V DALI	Power consumption: 89W Light output: 5 x 1500 Lm Efficacy: 84 Lm/W CRI: > 90	Color: Power Cable: Black Ceiling Canopy: Black	6 cables of 2 or 5 m Alu or Black
			12 (Spot)	1-10V DALI	Power consumption: 89W Light output: 5 x 1500 Lm Efficacy: 84 Lm/W CRI: > 90		

CE CB

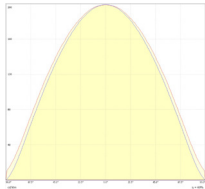


PEFC PEFC/07-32-385

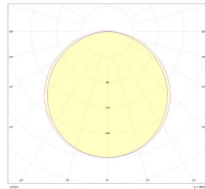
# Photometric Data

## BuzziZepp Light Led Line

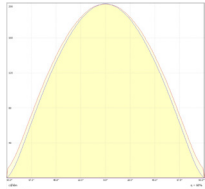
LED Line S Cartesian diagram



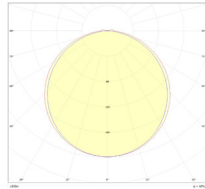
LED Line S Polar curve



LED Line M Cartesian diagram

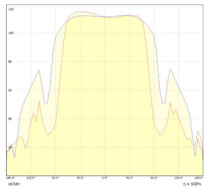


LED Line M Polar curve

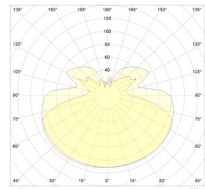


## BuzziZepp Light BuzziSol Trio

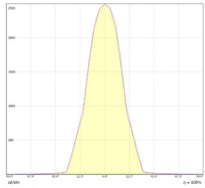
LED Trio Globe Cartesian diagram



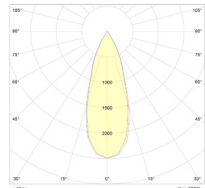
LED Trio Globe Polar curve



LED Trio Spot Cartesian diagram

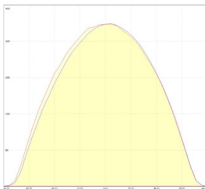


LED Trio Spot Polar curve

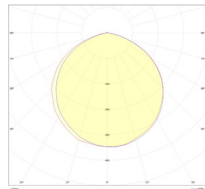


## BuzziZepp Light BuzziSol Quintet

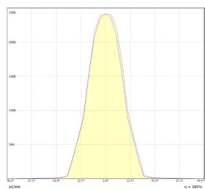
LED Quintet Globe Cartesian diagram



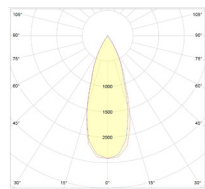
LED Quintet Globe Polar curve



LED Quintet Spot Cartesian diagram



LED Quintet Spot Polar curve

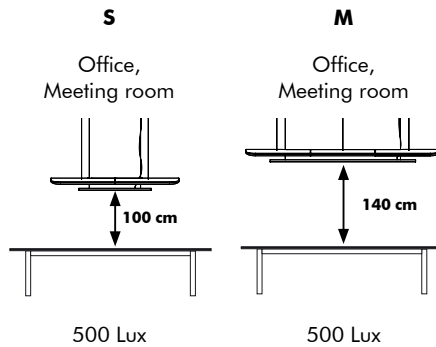


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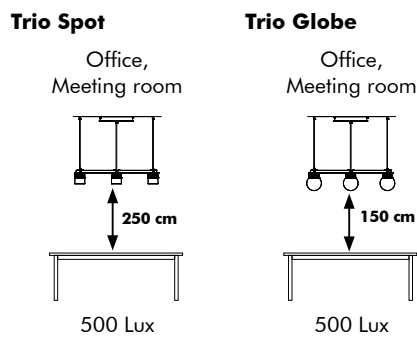
## Tips and Tricks - Light Options

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

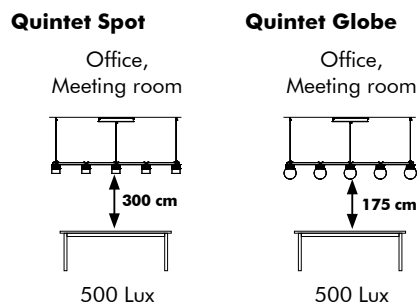
### BuzziZepp Light LED Line



### BuzziZepp Light BuzziSol Trio



### BuzziZepp Light BuzziSol Quintet



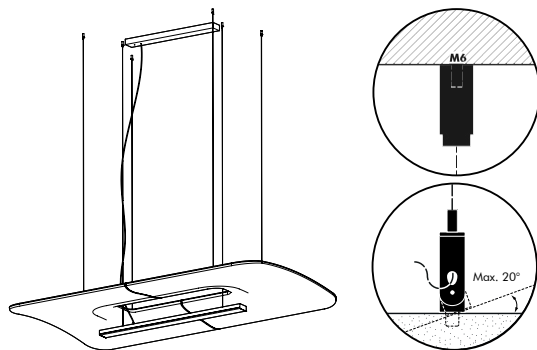
\* According to EN12464



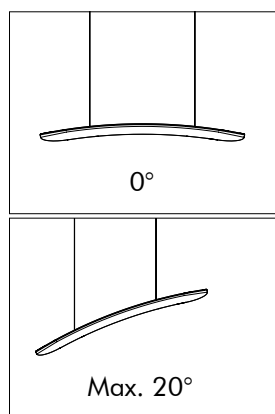
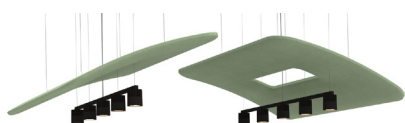
# Product Data

## Fixing System

### Fixing System Acoustic Panel



4 (Small) or 6 (Medium) cables of 2 – 5 m black or alu colored cables



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



### Fixing System Lighting

All light elements are suspended independently from the acoustic panel with 2 cables.

Formations, as with other architectural features located in the ceiling plane, may obstruct or skew the existing or planned fire sprinkler water distribution pattern, or possibly delay the activation of the fire sprinkler or fire detection system. Designers and installers are advised to consult a protection engineer, NFPA 13, and their local codes for guidance on the proper installation techniques where detection or suppression systems are present.

- ⚠ The product must be suspended on a solid structure or ceiling, taking into account the weight of the product and the local regulation.

## Acoustic Panel



The acoustic panel is upholstered front to back in a chosen fabric.

Core: poplar multiplex

Filling: acoustic foam



Absorption



Diffusion



Attenuation



Low tone



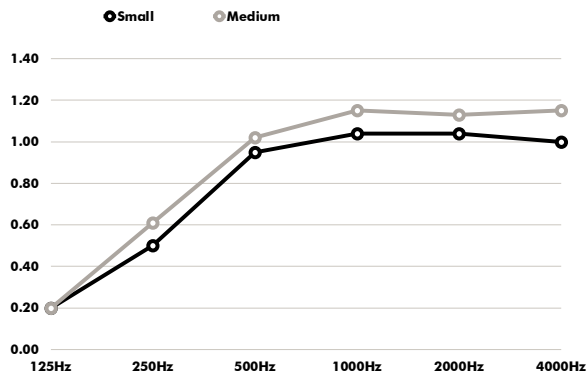
Mid tone



High tone

# Acoustics Data

## BuzziZepp Absorption coefficient



Hz	$\alpha$ Small	$\alpha$ Medium
125	0.20	0.20
250	0.50	0.61
500	0.95	1.02
1000	1.04	1.15
2000	1.04	1.13
4000	1.00	1.15

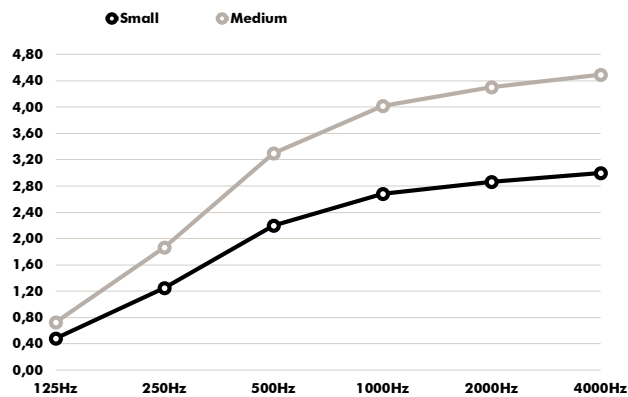
### Absorption Values Small

$\alpha$  (ISO 11654) **0.80** NRC | (ASTM - C423) **0.90** | SAA (ASTM - C423) **0.88** | Class (ISO 11654) **A**

### Absorption Values Medium

$\alpha$  (ISO 11654) **0.90** | NRC (ASTM - C423) **1.00** | SAA (ASTM - C423) **0.98** | Class (ISO 11654) **A**

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



Hz	Aeq/m <sup>2</sup> Small	Aeq/m <sup>2</sup> Medium
125	0.48	0.73
250	1.25	1.87
500	2.20	3.30
1000	2.68	4.02
2000	2.86	4.30
4000	3.00	4.49

All calculations are based on accredited lab measurements, official document available on [www.buzzi.space](http://www.buzzi.space)

### Definitions

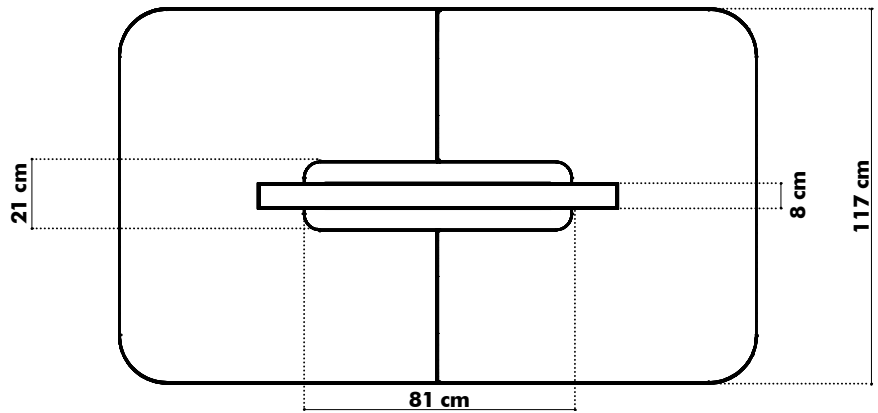
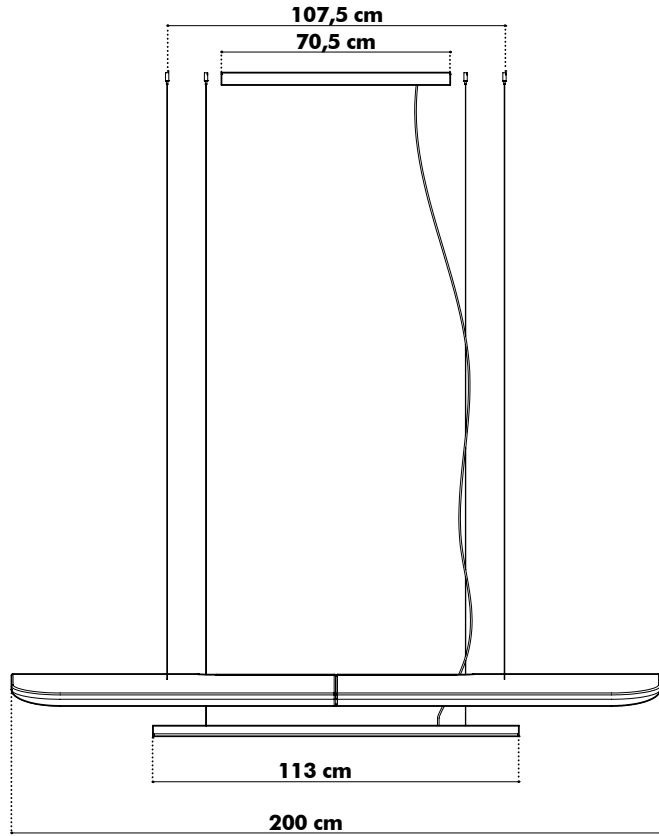
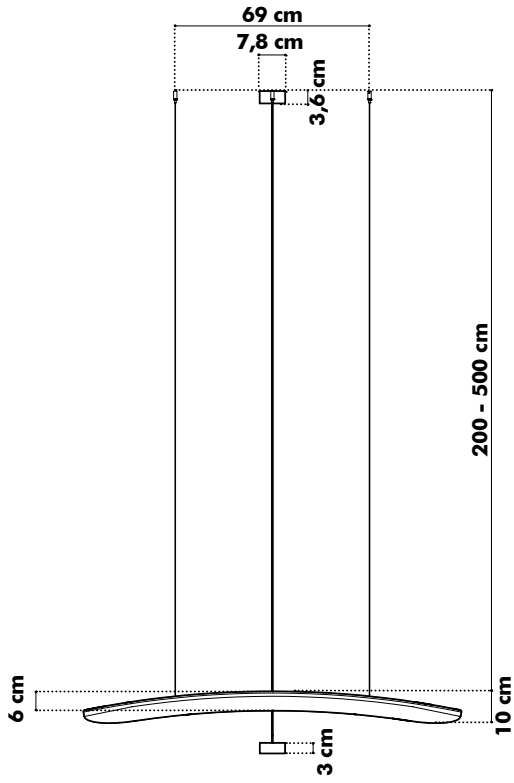
<b><math>\alpha</math></b>	Weighted absorption coefficient	(ISO 11654)
<b>NRC</b>	Noise reduction coefficient	(ASTM - C423)
<b>SAA</b>	Sound absorption average	(ASTM - C423)

### Classification of sound absorbers NEN-EN-ISO 11654

<b>A</b>	0.90   0.95   1.0
<b>B</b>	0.80   0.85
<b>C</b>	0.60   0.65   0.70   0.75
<b>D</b>	0.03   0.55
<b>E</b>	0.15   0.25

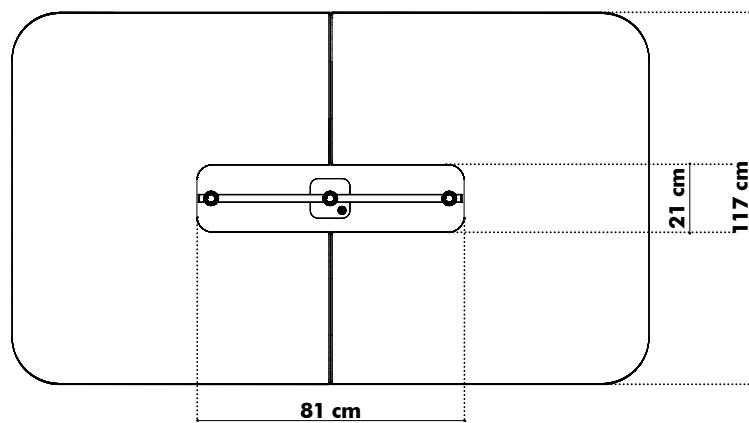
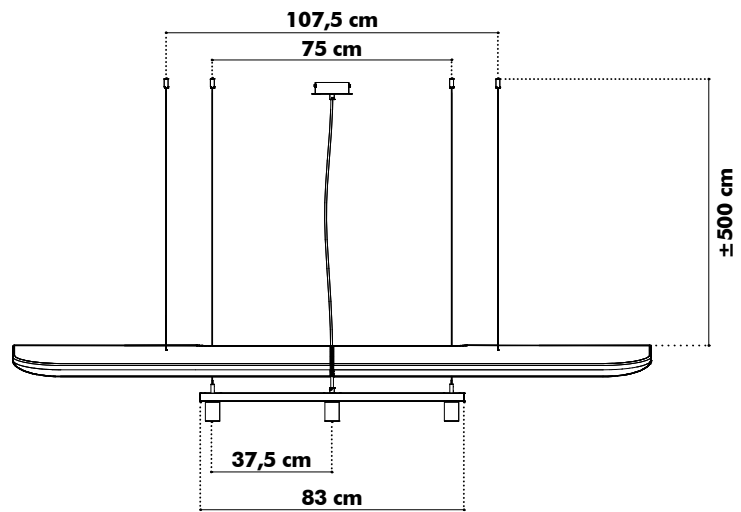
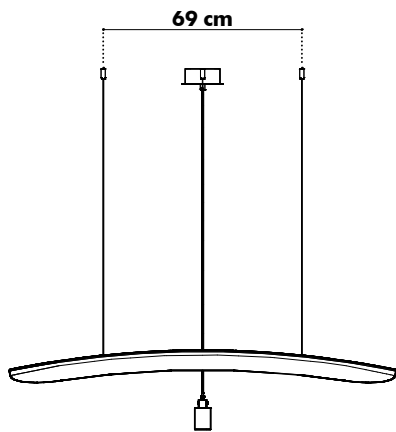
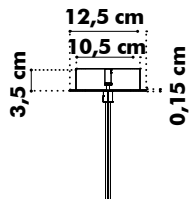
# Dimensions

Small  
LED Line S

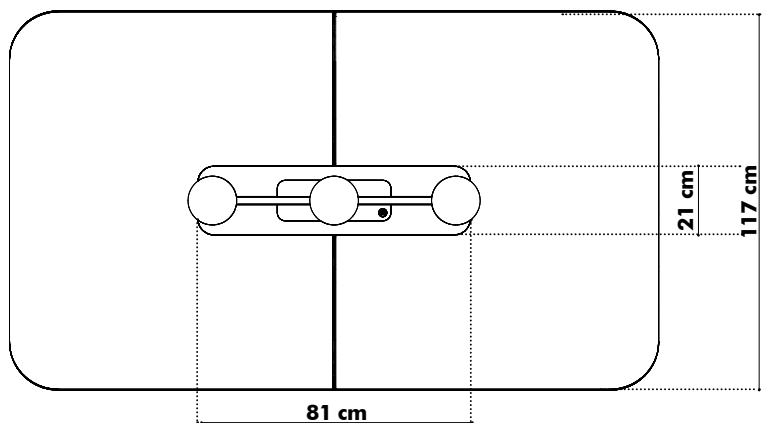
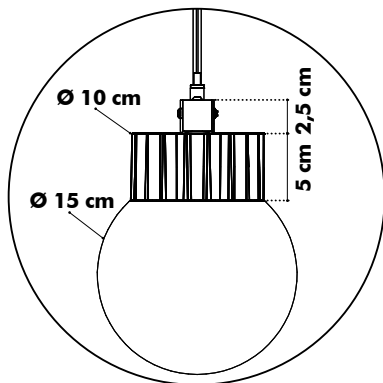
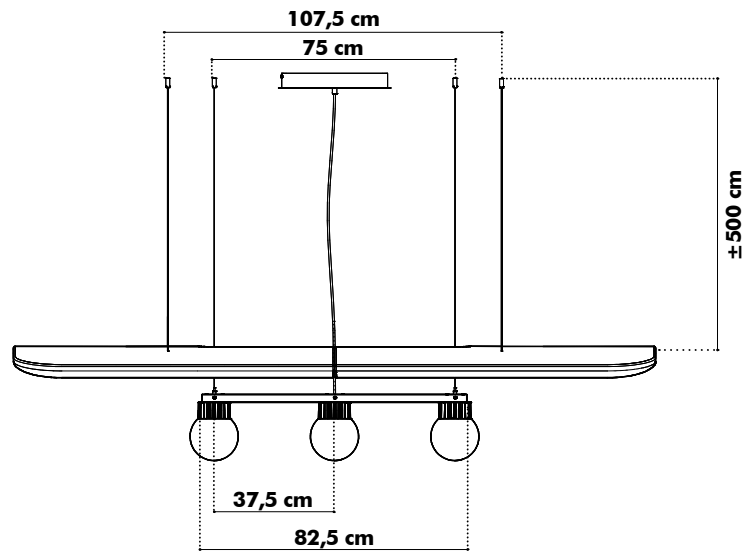
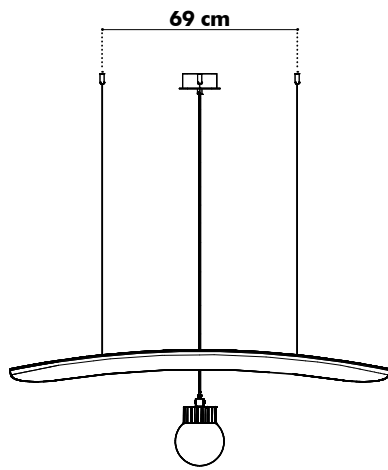
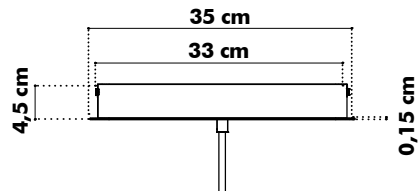
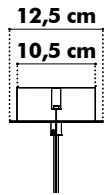




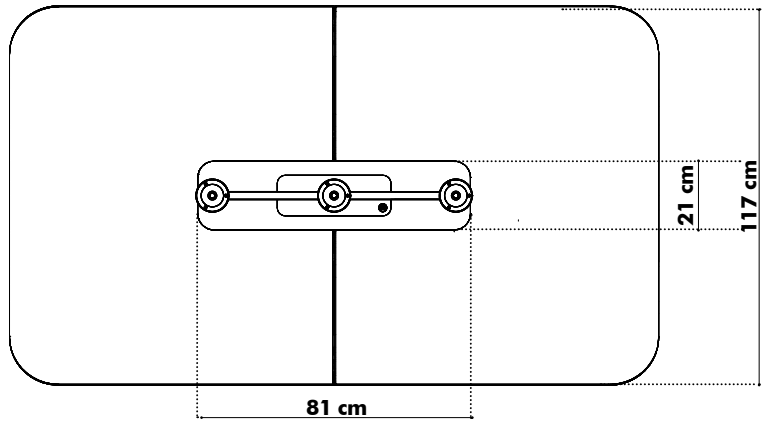
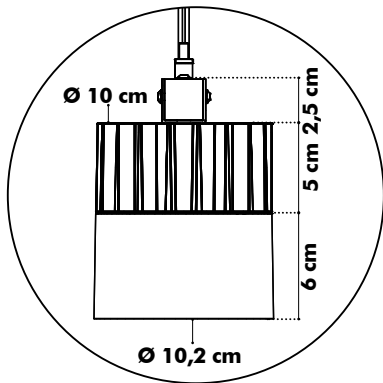
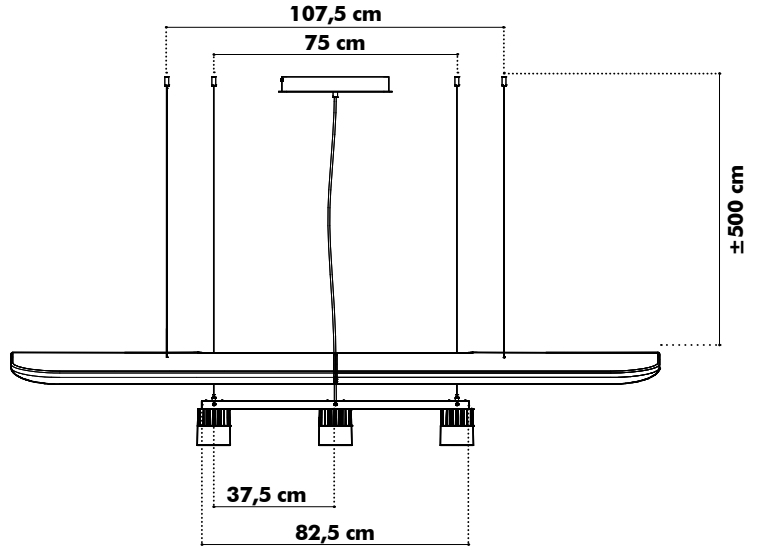
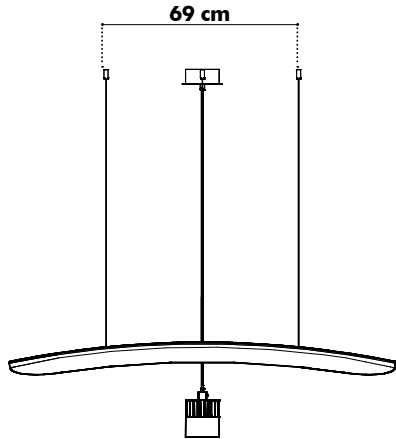
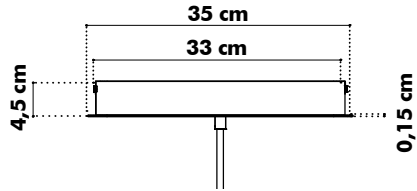
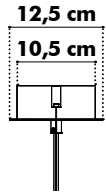
# Small LED Trio Retrofit



**Small  
LED Trio Globe**

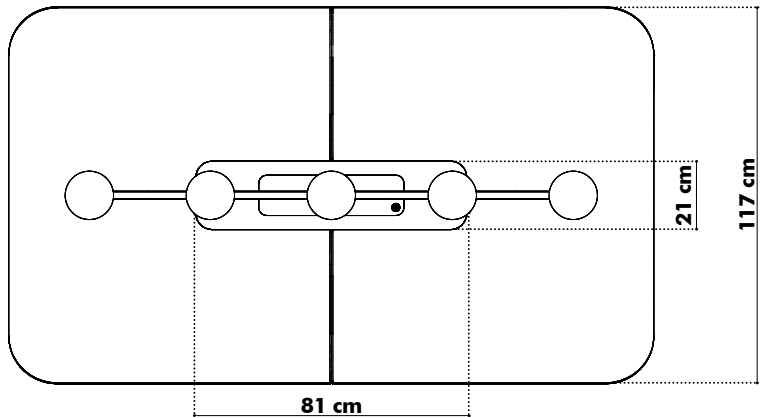
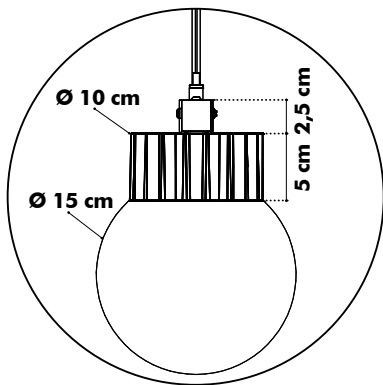
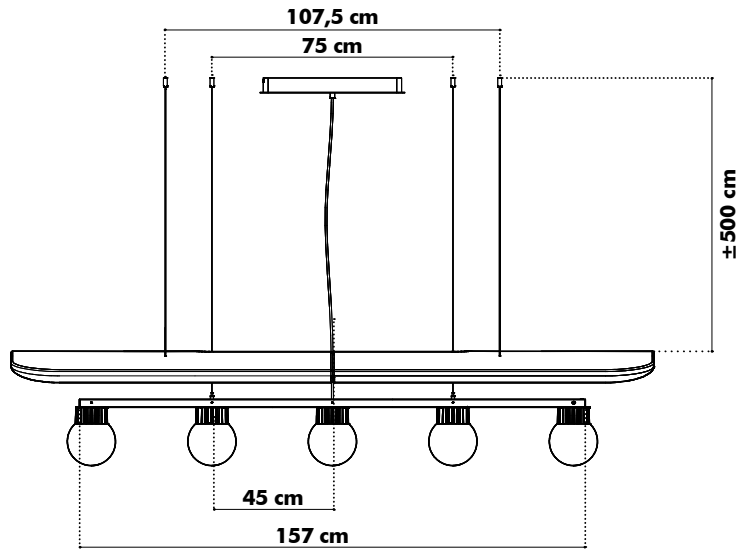
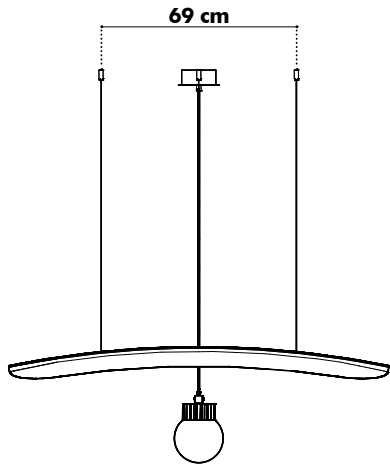
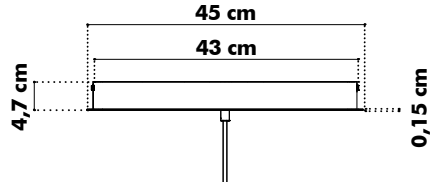
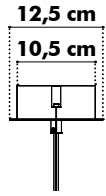


**Small  
LED Trio Spot**

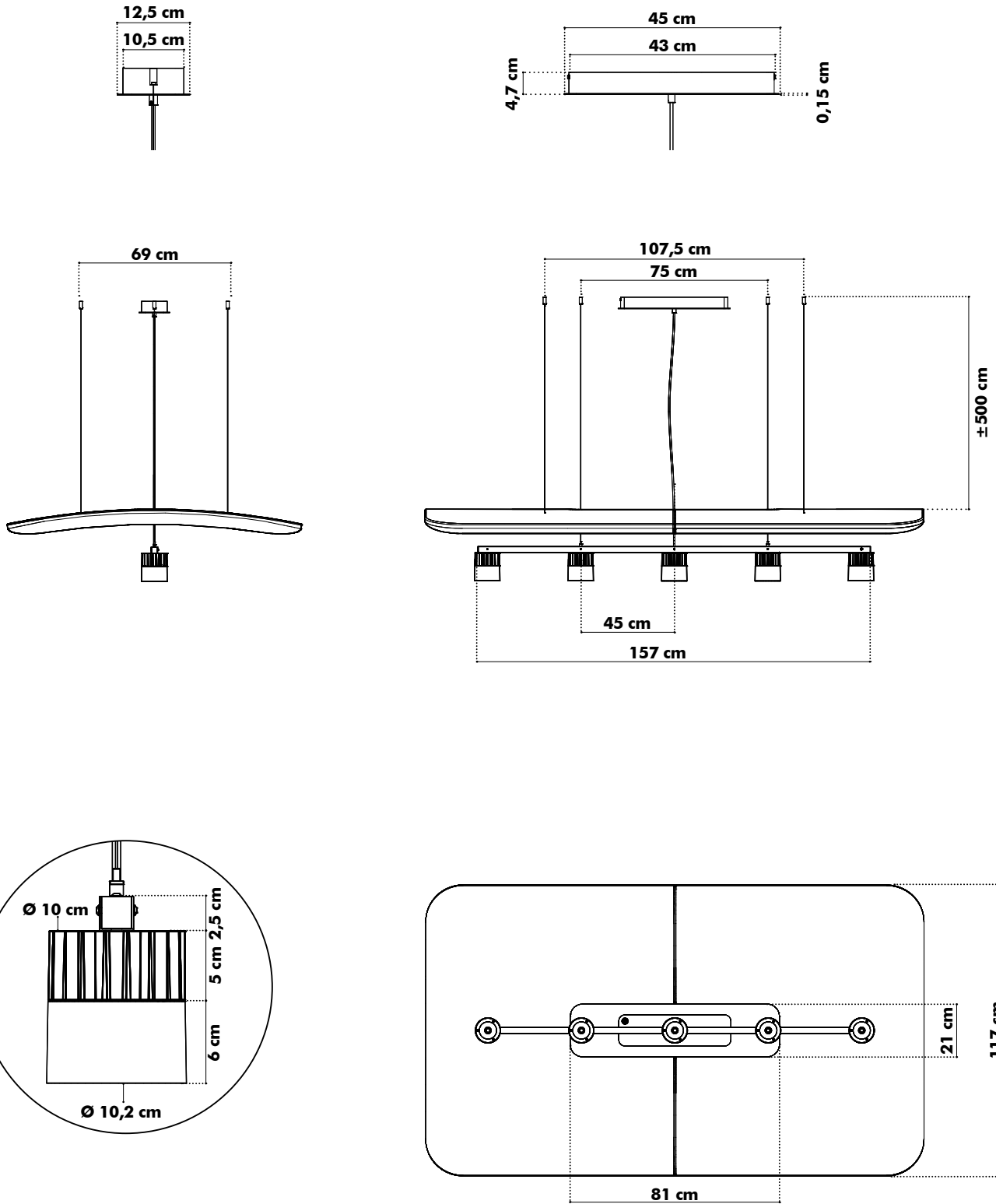




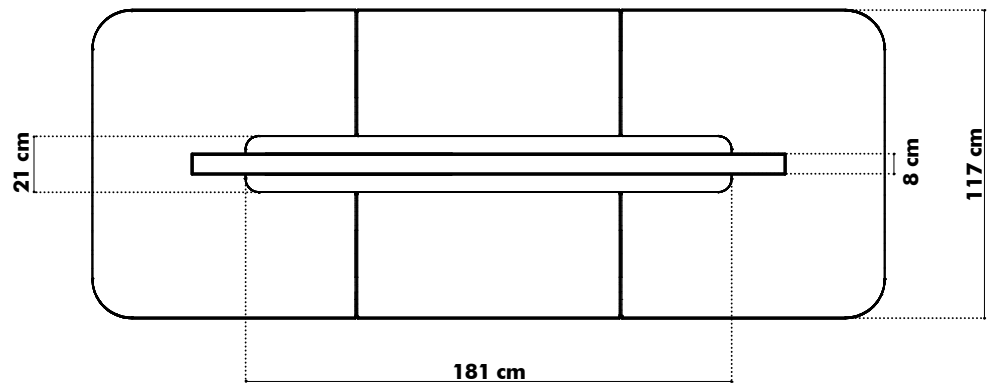
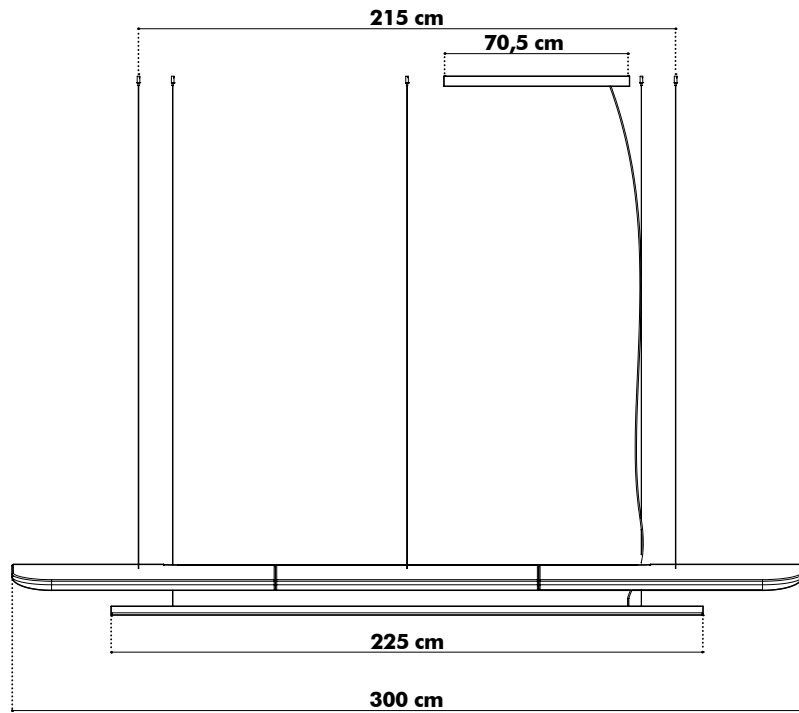
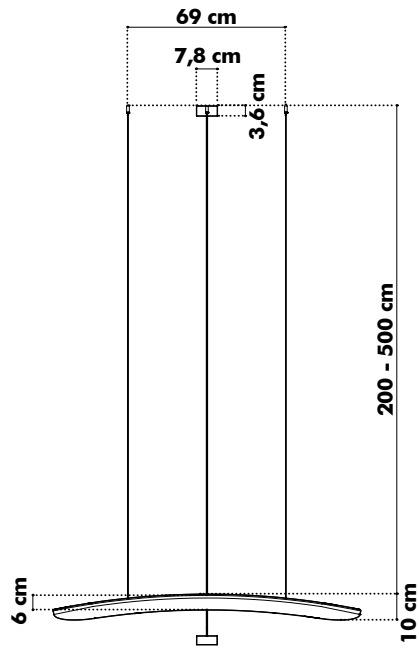
**Small  
LED Quintet Globe**



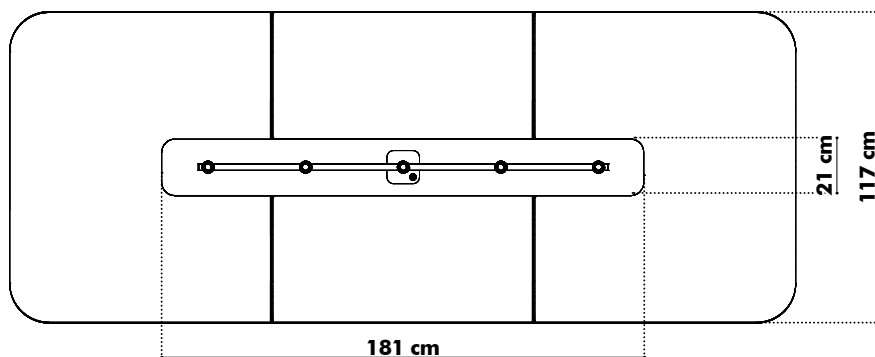
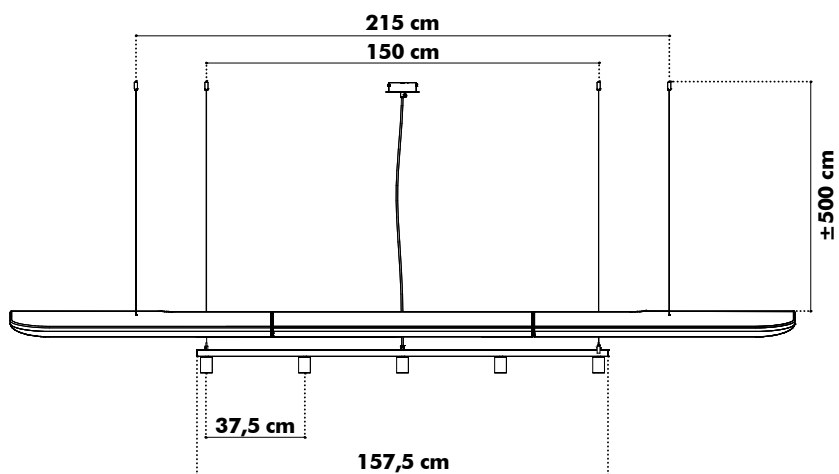
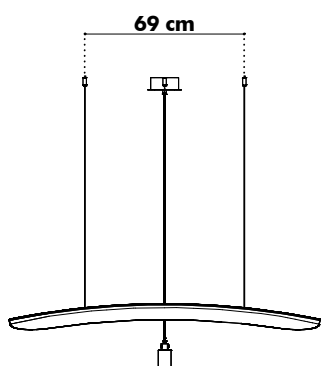
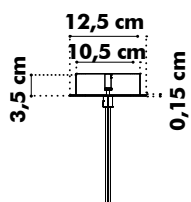
**Small  
LED Quintet Spot**



**Medium  
Led Line M**

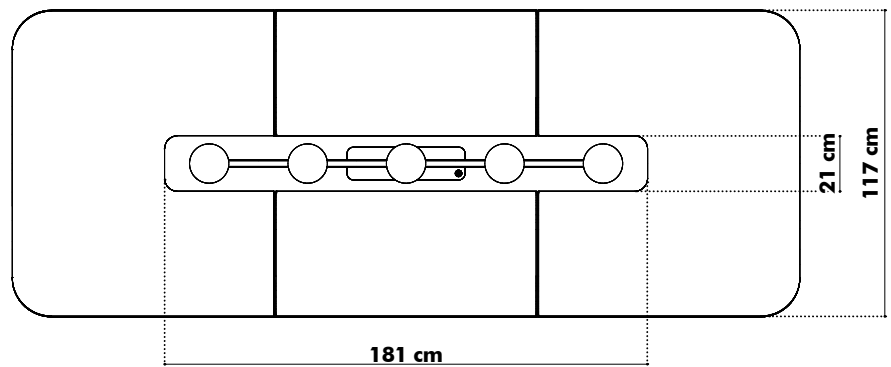
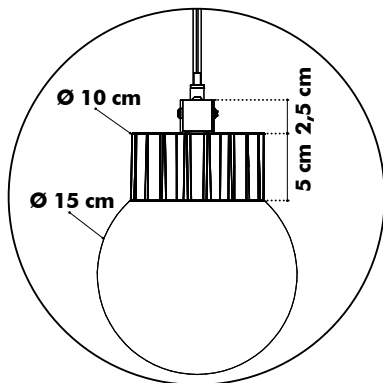
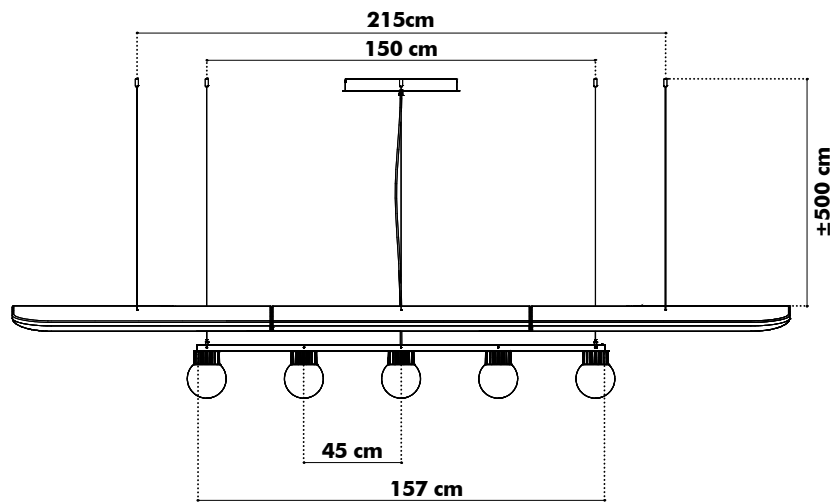
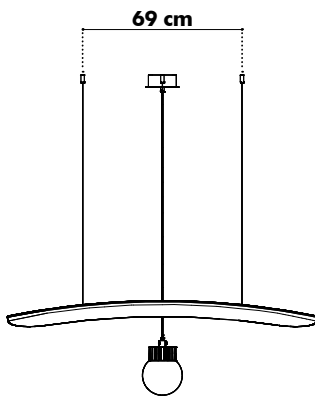
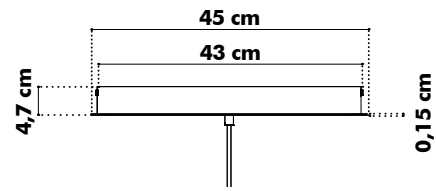
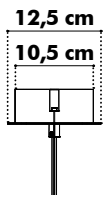


# Medium LED Quintet Retrofit

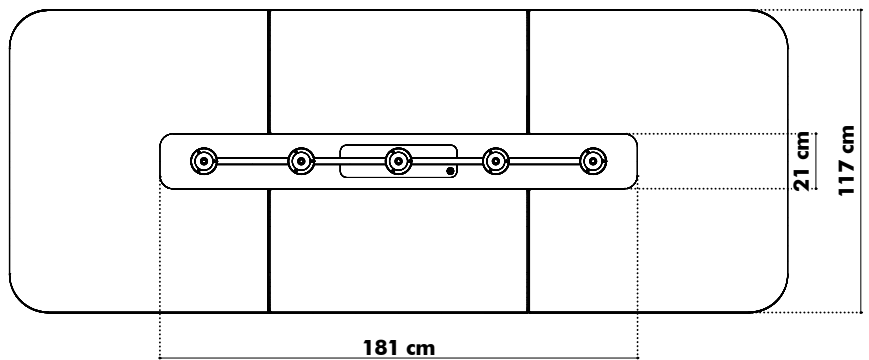
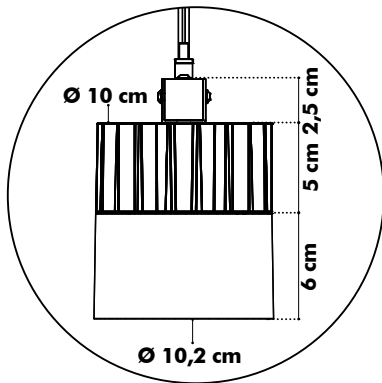
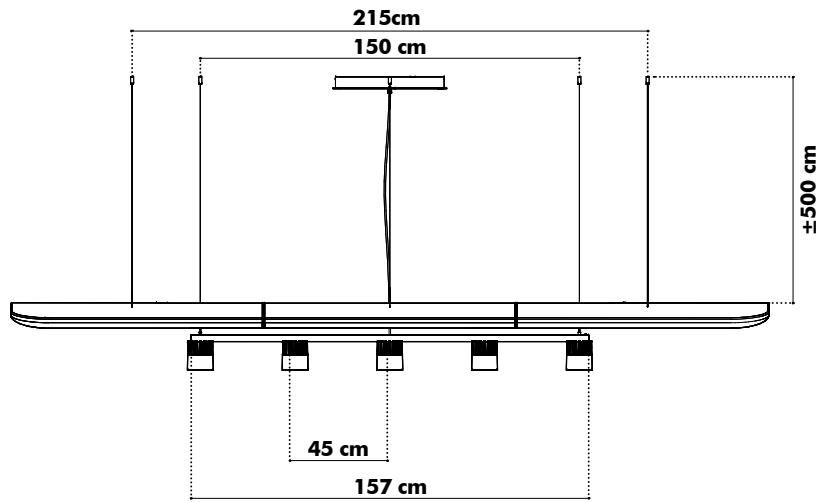
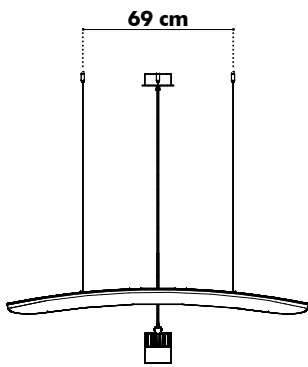
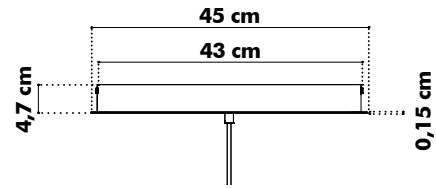
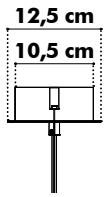




**Medium  
LED Quintet Globe**



**Medium  
LED Quintet Spot**



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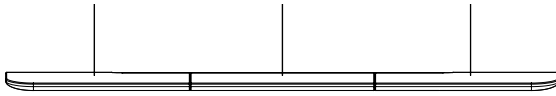
## Weights

**Acoustic Panel BuzziZepp Light Small**



⚖️ 21,5 kg

**Acoustic Panel BuzziZepp Light Medium**



⚖️ 31,4 kg

**Led Line S**



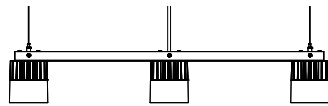
⚖️ 2 kg

**LED Line M**



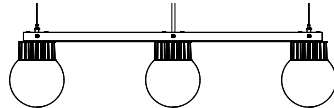
⚖️ 4 kg

**BuzziSol Trio Spot**



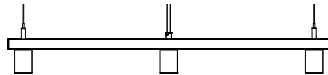
⚖️ 4,9 kg

**BuzziSol Trio Globe**



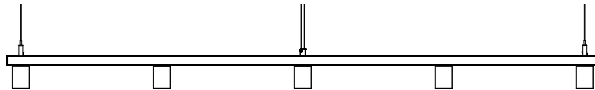
⚖️ 4,9 kg

**BuzziSol Trio Retrofit**



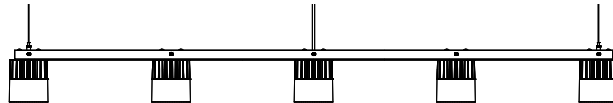
⚖️ 2,5 kg

**BuzziSol Quintet Retrofit**



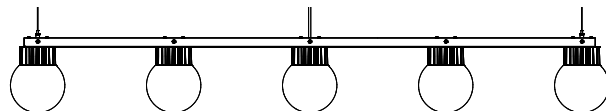
⚖️ 3,5 kg

**BuzziSol Quintet Spot**



⚖️ 4,7 kg

**BuzziSol Quintet Globe**

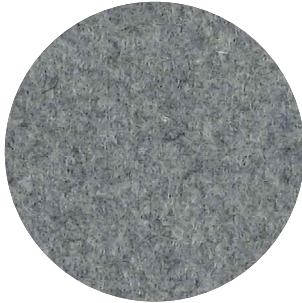


⚖️ 4,7 kg

# Fabrics

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## Fabric (45 colors)



**Category A**

**Composition** 70% Recycled Wool, 25% Recycled Polyacryl,  
5% Recycled Other Fabrics

**Weight** 405 g/m<sup>2</sup> | 11.94 oz/yd<sup>2</sup>

**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

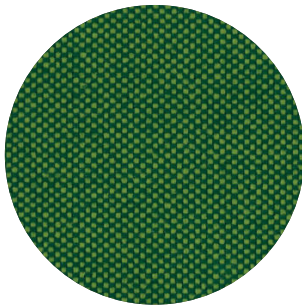
**Fastness to light** EU: 4 | USA 4

**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/m<sup>2</sup> | 12.39 oz/yd<sup>2</sup>

**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)

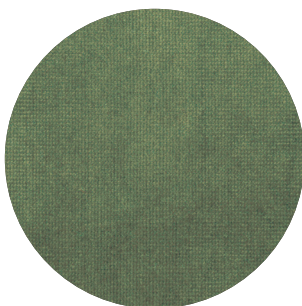
**Fastness to light** EU: 6 | USA 5

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

**Fastness to crocking** USA: Wet 5 | Dry 5



## Velvet (12 colors)



**Category B**

**Composition** 100% PES

**Weight** 375 g/m<sup>2</sup> | 11.06 oz/yd<sup>2</sup>

**Abrasion resistance** > 100.000 Martindale

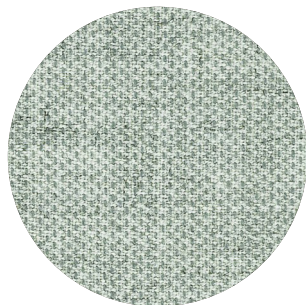
**Fastness to light** EU: 4-5

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

**Pilling** EU: 4-5

## 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

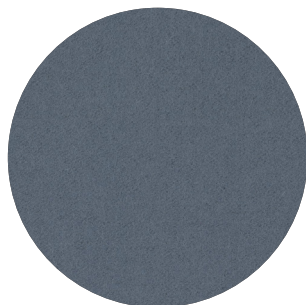
**Fastness to rubbing** (ISO) dry 4-5, wet 4

**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

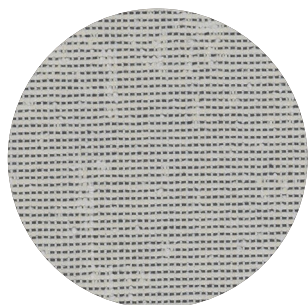
**Fastness to rubbing** (ISO) dry 3-5, wet 3-5

**Pilling** Note 3, EN ISO 12945



## 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 11M

UNI 9177 classe 1 | US Cal. Tech. Bull. 117

IMO A.652 (16)

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

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

**Pilling** Note 4, EN ISO 12945

