



Product Specification Sheet

BuzziChip EU

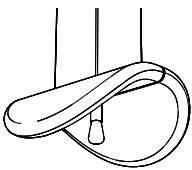
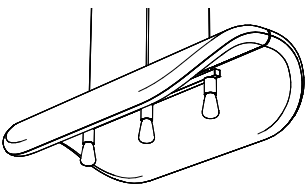
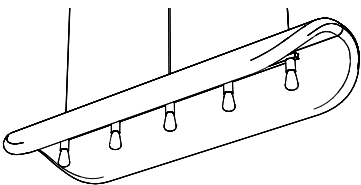
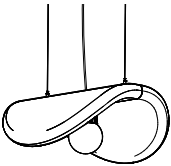
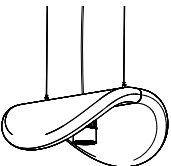
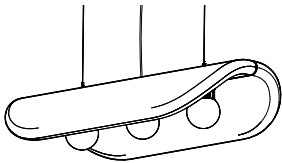
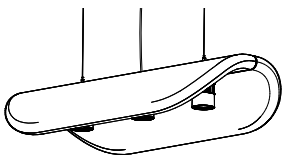
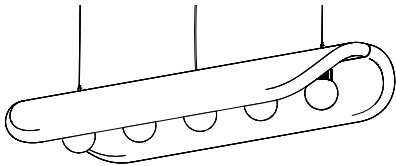
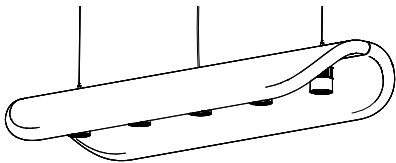
— By BuzziSpace Studio

A playful acoustic powerhouse

BuzziChip's curved design helps you move away from hard edges while adding a playful touch to any area. Depending on the size, BuzziChip can be fitted with our integrated LED solutions: BuzziSol Solo, BuzziSol Trio and BuzziSol Quintet in a globe or spot iteration. Or match your ambience with a retrofit option. Combine the different models in various fabrics and colors to form a playful and dynamic ceiling in your office or residential space.



The Family

		Models		
Lighting Units	Retrofit E27 (Bulb excluded)	BuzziChip Small	BuzziChip Medium	BuzziChip Large
				
	LED Solo Globe			
	LED Solo Spot			
	LED Trio Globe			
	LED Trio Spot			
	LED Quintet Globe			
	LED Quintet Spot			

Required order information

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

Lighting Data

Lighting Units

Retrofit Lighting unit



BuzziChip Small retrofit includes 1 x E27 fitting. (max. 40W)
BuzziChip Medium retrofit includes 3 x E27 fitting. (max. 60W)
BuzziChip Large retrofit includes 5 x E27 fitting. (max. 60W)
Bulb excluded

LED Globe



The LED fixtures consists of 1,3 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



BuzziChip

Model: Small

Lighting Options

Characteristics

Mounting

Lighting Unit	Voltage Input	Technical	Visual	Options
Retrofit Solo	220-240V	Wattage: Max. 40W	Color: Power Cable: Black Ceiling Canopy: Black	2 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 Solo	220-240V	2700K 3000K 4000K	23 (Globe)	1-10V DALI	Power consumption: 20W Light output: 1500 Lm Efficacy: 75 Lm/W CRI: > 90	Color: Power Cable: Black Ceiling Canopy: Black	2 cables of 2 or 5 m Alu or Black
			12 (Spot)	1-10V DALI	Power consumption: 20W Light output: 1500 Lm Efficacy: 75 Lm/W CRI: >w 90		

Model: Medium

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 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	2700K 3000K 4000K	23 (Globe)	1-10V DALI	Power consumption: 51W Light output: 3 x 1500 Lm Efficacy: 88 Lm/W CRI: > 90	Color: Power Cable: Black Ceiling Canopy: Black	2 cables of 2 or 5 m Alu or Black
			12 (Spot)	1-10V DALI	Power consumption: 51W Light output: 3 x 1500 Lm Efficacy: 88 Lm/W CRI: > 90		

Model: Large

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	2 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	2700K 3000K 4000K	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	2 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		

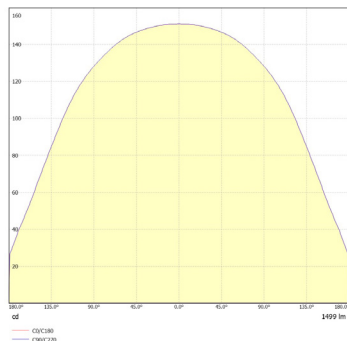


CE CB

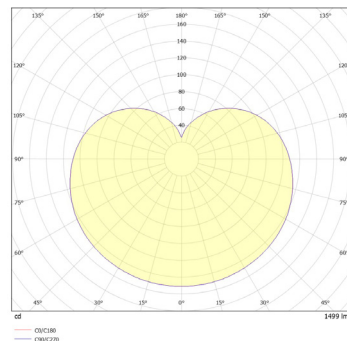
Photometric Data

BuzziChip Small LED Solo

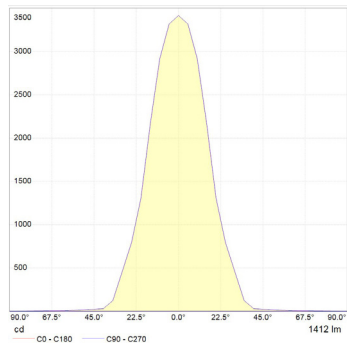
LED Solo Globe Cartesian diagram



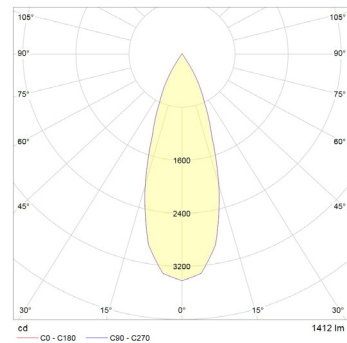
LED Solo Globe Polar curve



LED Solo Spot Cartesian diagram

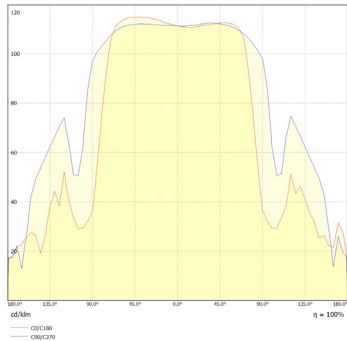


LED Solo Spot Polar curve

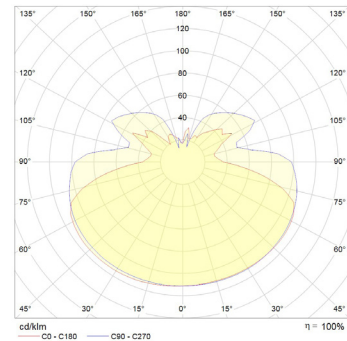


BuzziChip Medium LED Trio

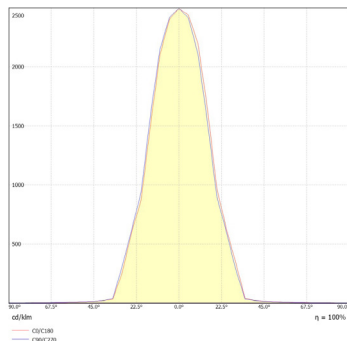
LED Trio Globe Cartesian diagram



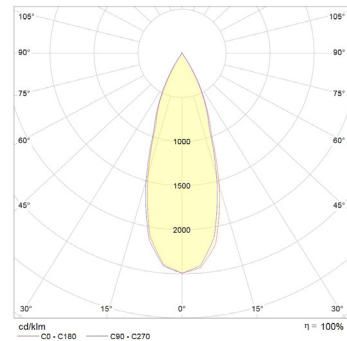
LED Trio Globe Polar curve



LED Trio Spot Cartesian diagram

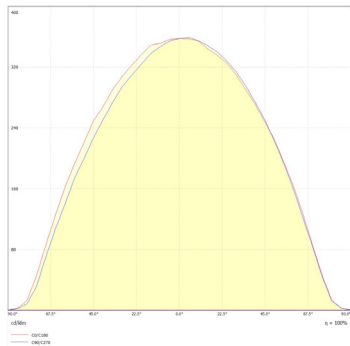


LED Trio Spot Polar curve

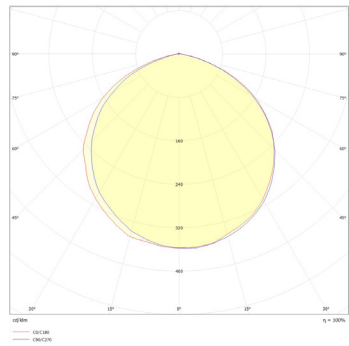


BuzziChip Large LED Quintet

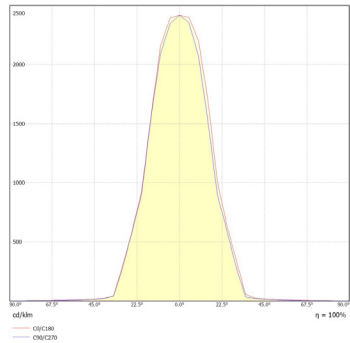
LED Quintet Globe Cartesian diagram



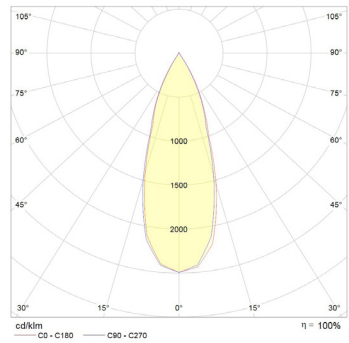
LED Quintet Globe Polar curve



LED Quintet Spot Cartesian diagram



LED Quintet Spot Polar curve



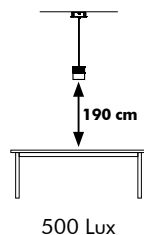
Tips and Tricks - Light Options

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

BuzziChip Small BuzziSol Solo

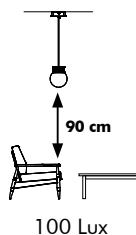
Solo Spot

Office,
Meeting room



Solo Globe

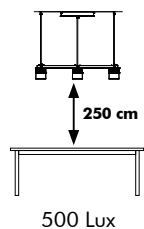
Office,
Meeting room



BuzziChip Medium BuzziSol Trio

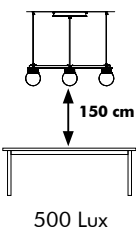
Trio Spot

Office,
Meeting room



Trio Globe

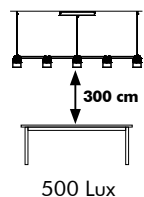
Office,
Meeting room



BuzziChip Large BuzziSol Quintet

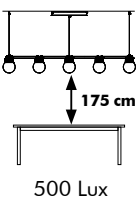
Quintet Spot

Office
Meeting room



Quintet Globe

Office,
Meeting room

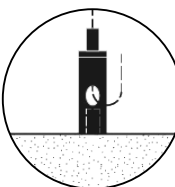
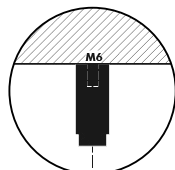
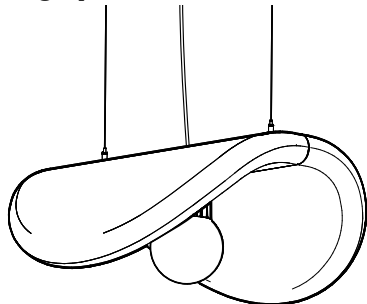


* According to EN12464

Product Data

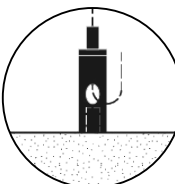
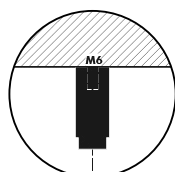
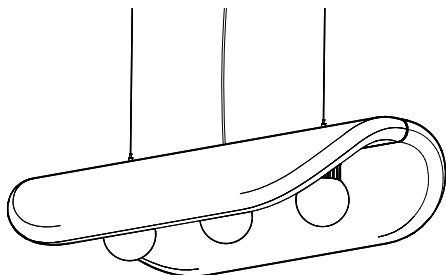
Fixing System

Fixing System Acoustic Panel



BuzziChip Small is suspended on 2 cables of 2 or 5 m black or alu colored cables, with fixing screw.

Fixing System Lighting



The light elements of BuzziChip Medium and BuzziChip Large are suspended independently from the acoustic panel with 2 cables of 2 – 5 m black or alu colored cables, with fixing system screw

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

Acoustic Panel



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



Absorption



Diffusion



Low tone



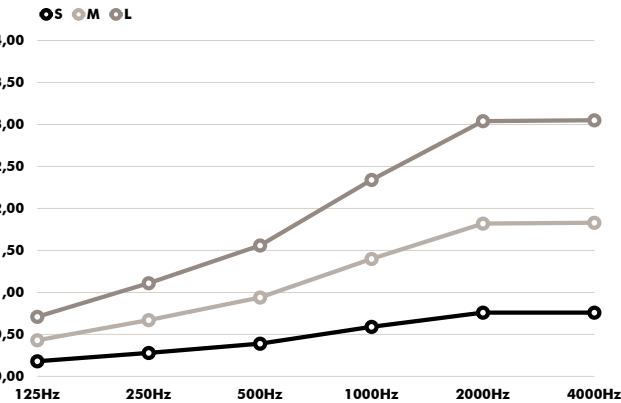
Mid tone



High tone

Acoustics Data

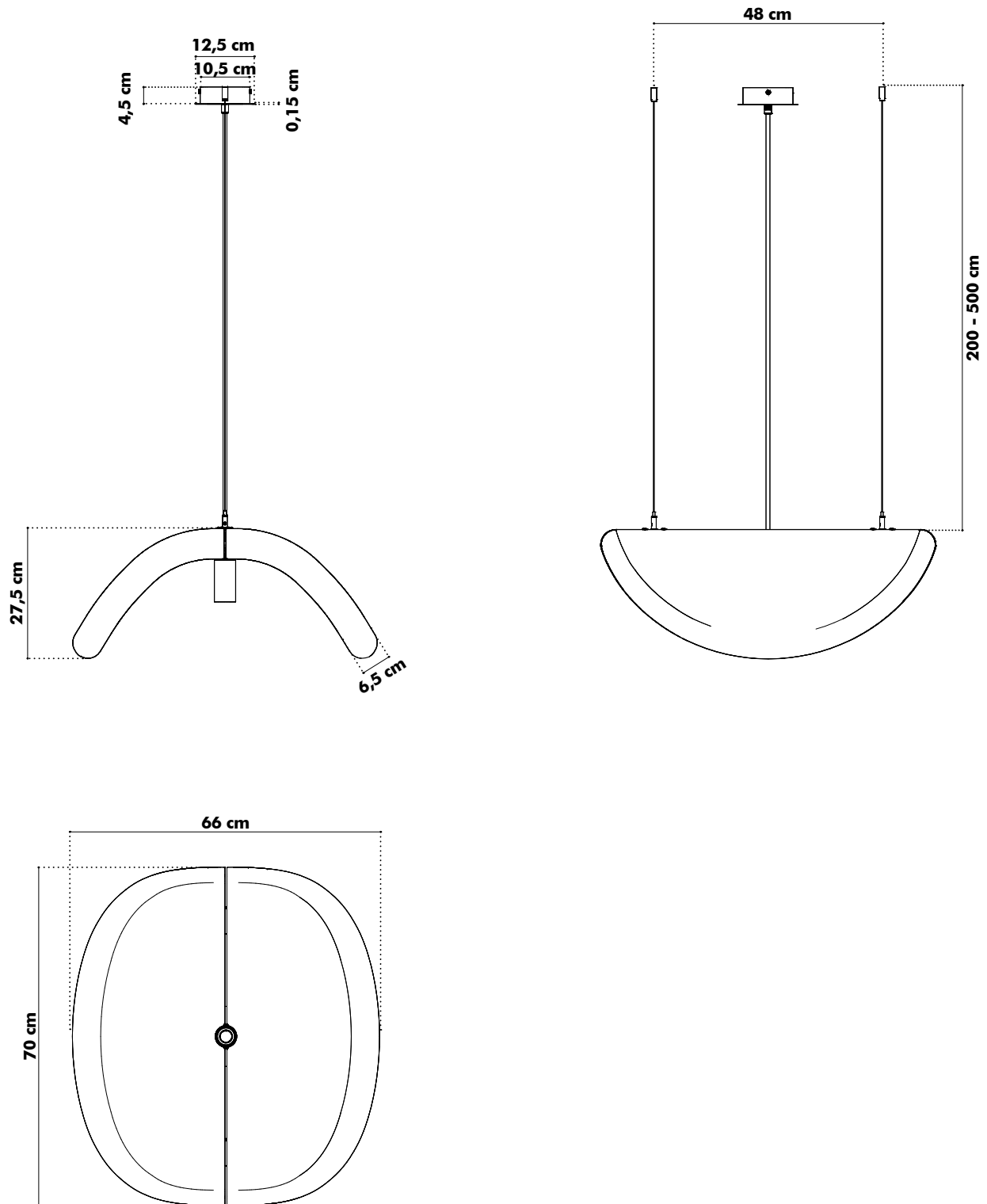
BuzziChip
Equivalent sound absorption area in m² per object



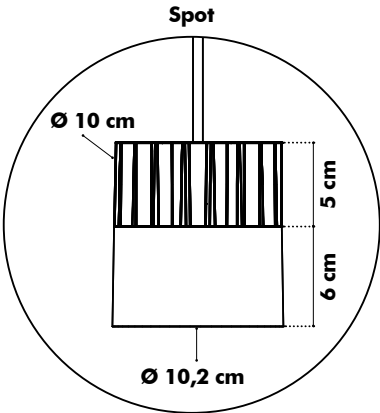
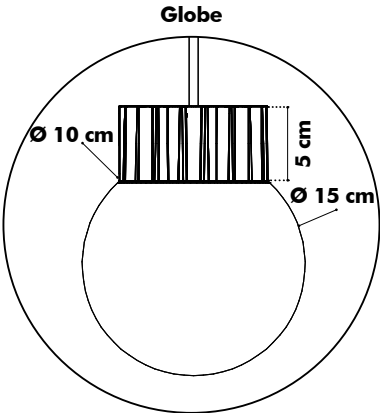
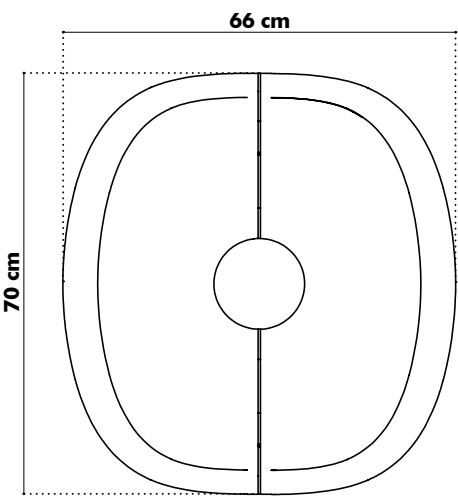
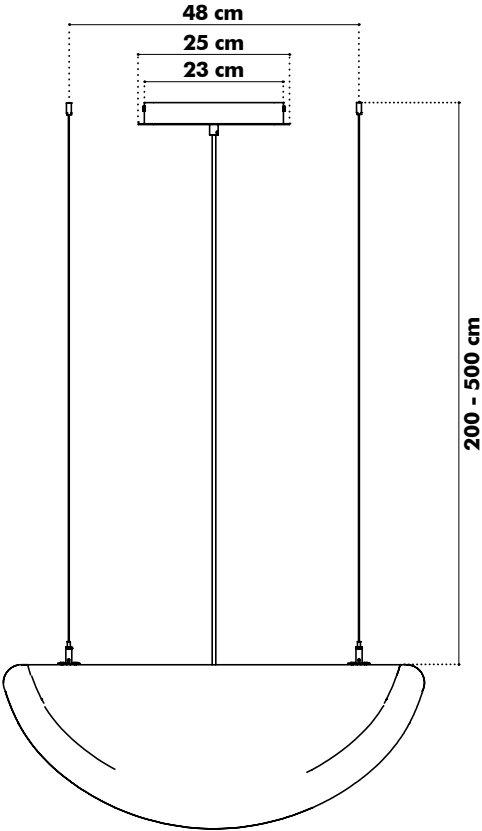
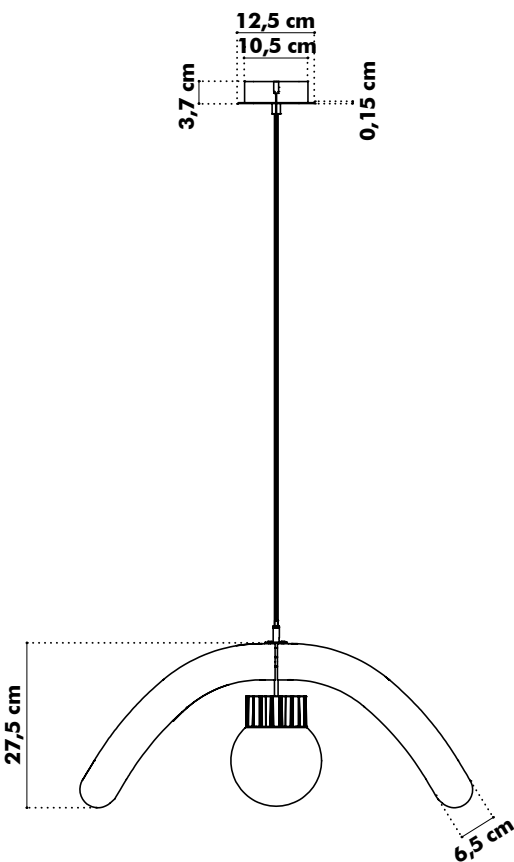
Hz	S Aeq/m²	M Aeq/m²	L Aeq/m²
125	0.18	0.43	0.71
250	0.28	0.67	1.11
500	0.39	0.94	1.56
1000	0.59	1.4	2.34
2000	0.76	1.82	3.04
4000	0.76	1.83	3.05

Dimensions

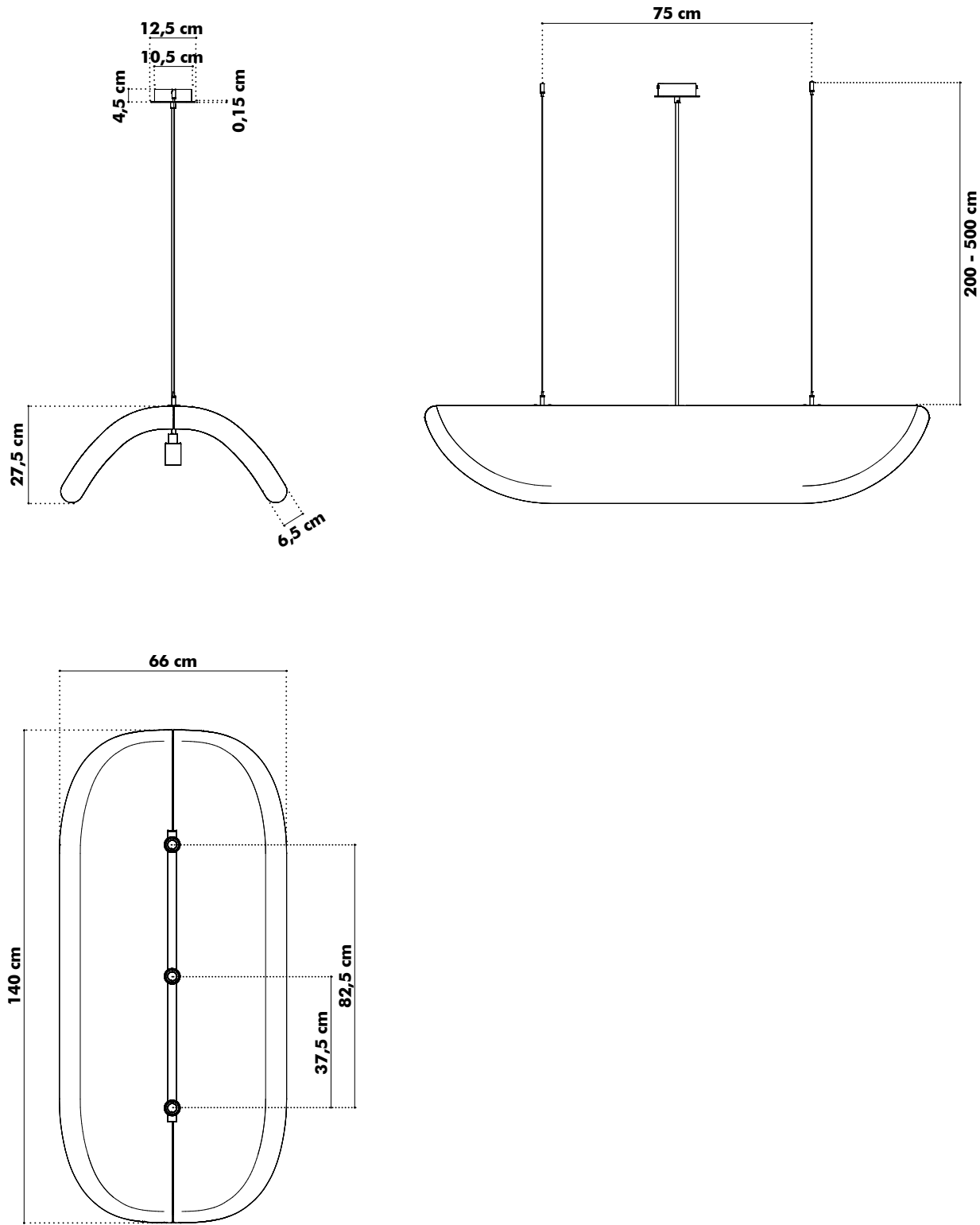
BuzziChip Small Retrofit



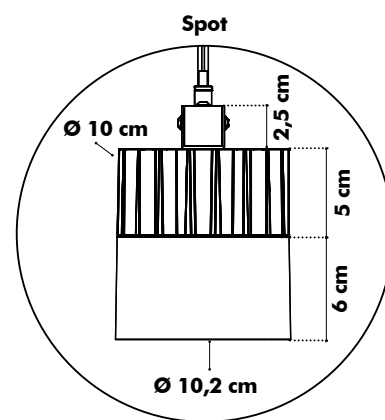
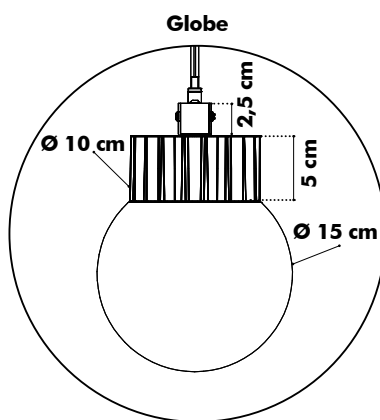
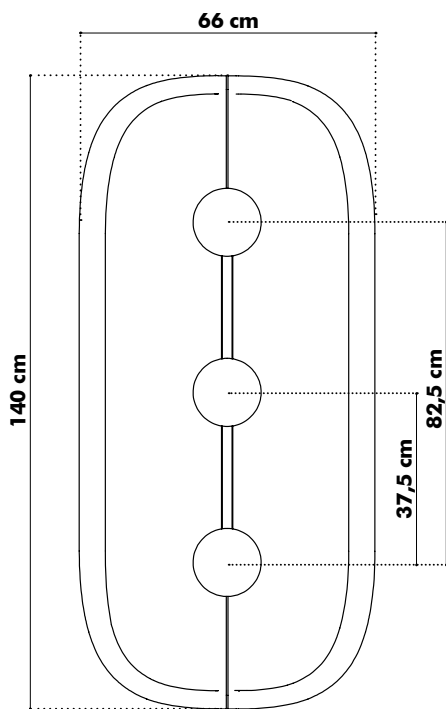
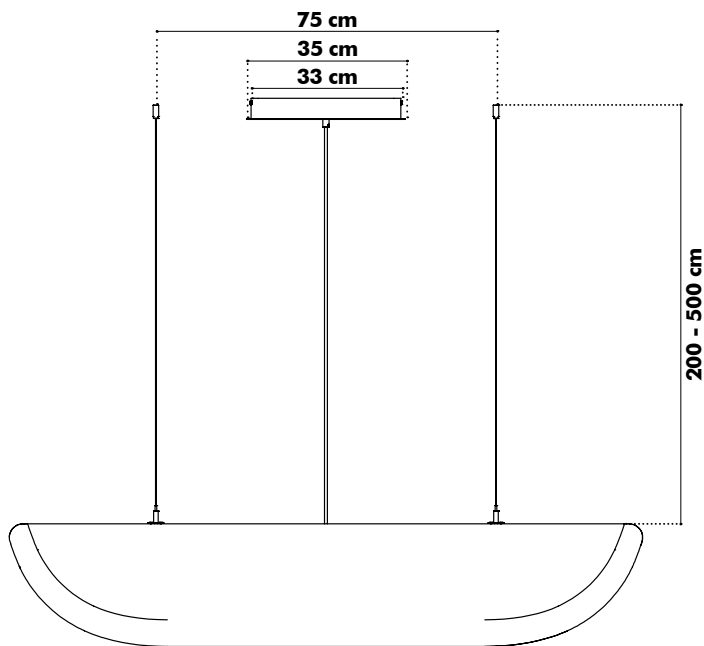
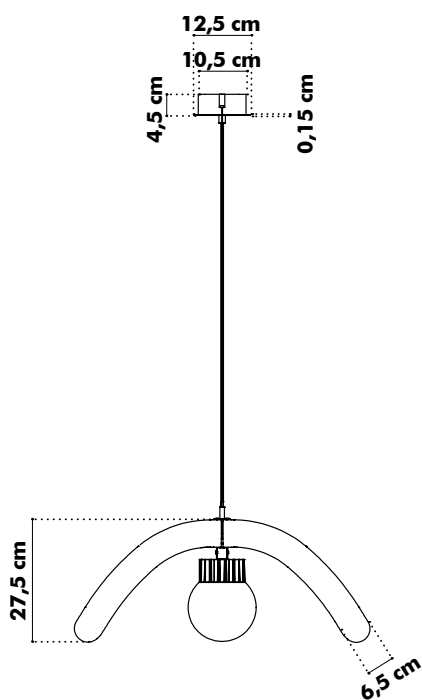
BuzziChip Small LED



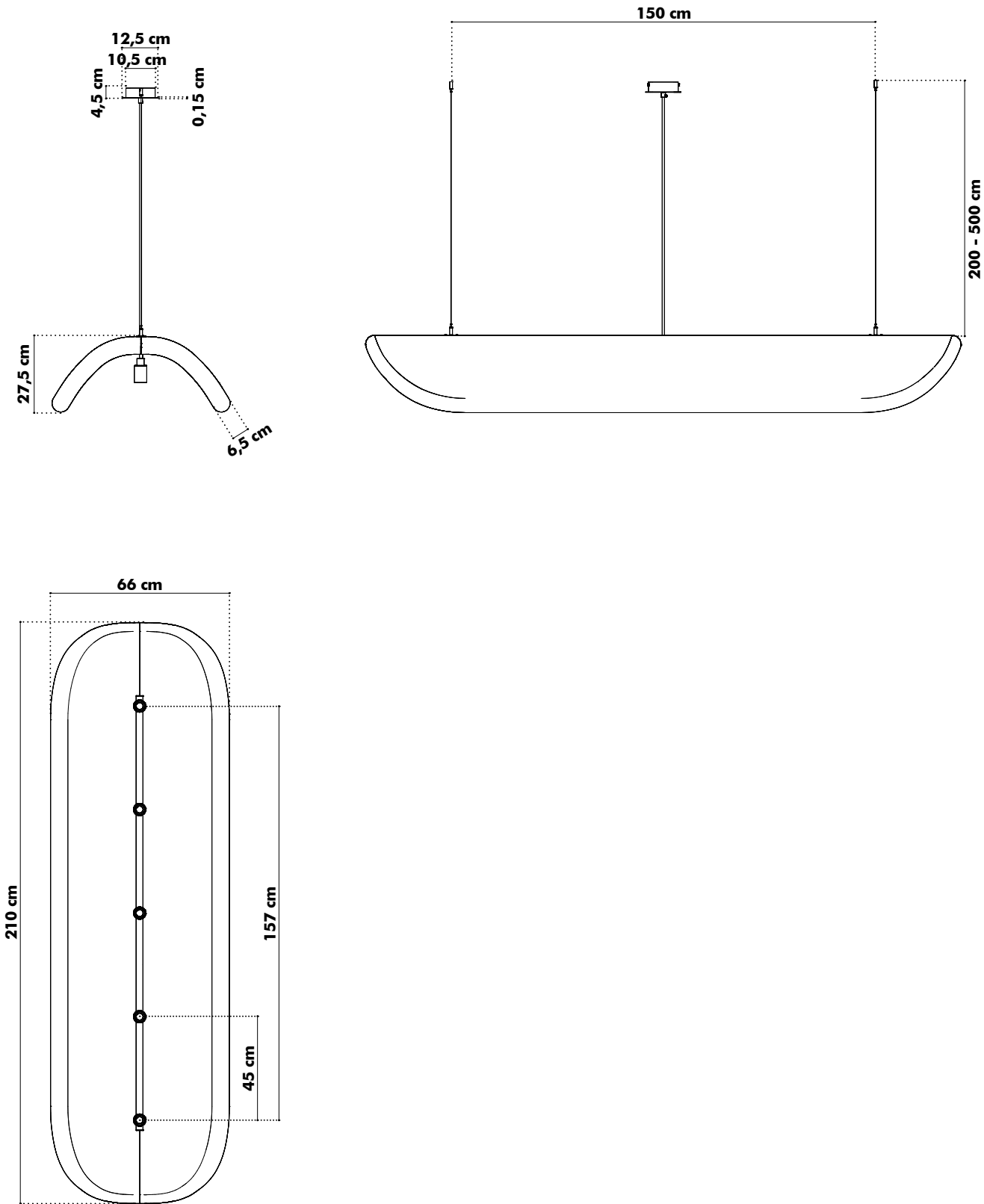
BuzziChip Medium Retrofit



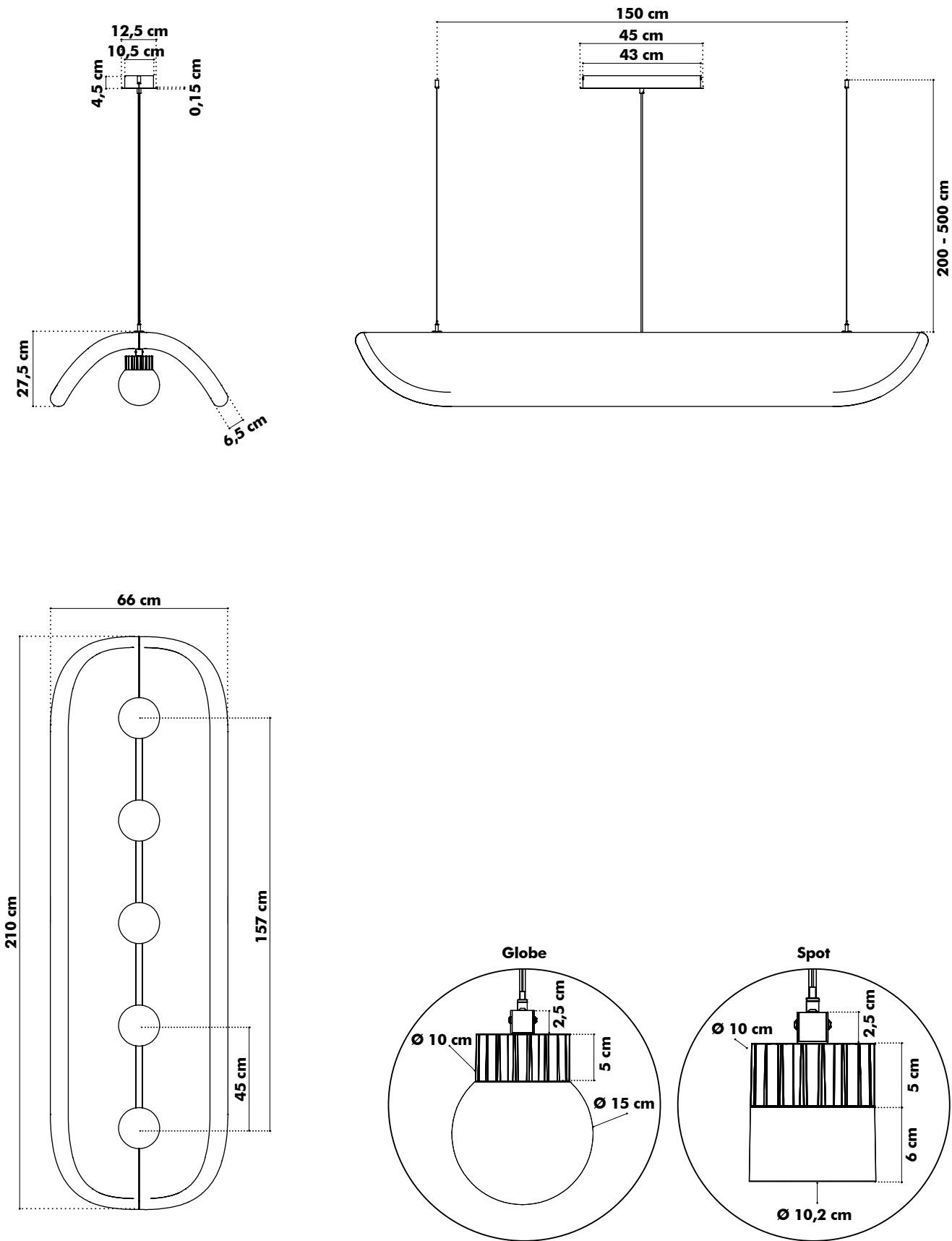
BuzziChip Medium LED



BuzziChip Large Retrofit

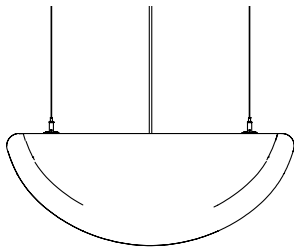


BuzziChip Large LED



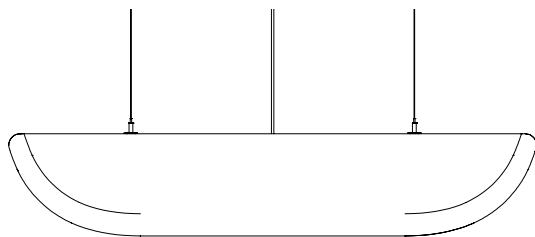
Weights

BuzziChip Small



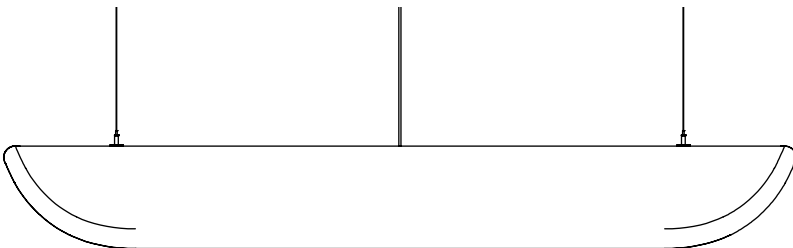
 6 kg

BuzziChip Medium



 12 kg

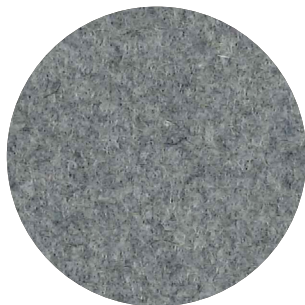
BuzziChip Large



 21,5 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

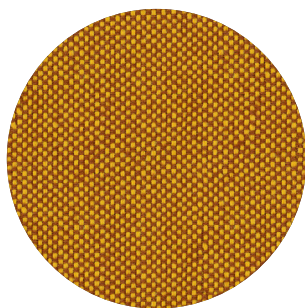
Fastness to light EU: 4 | USA 4

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

Fastness to crocking USA: Wet 5 | Dry 5



Trevira CS (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)

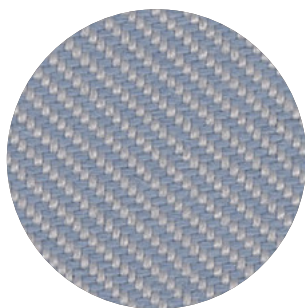
Fastness to light EU: 6 | USA 5

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

Fastness to crocking USA: Wet 5 | Dry 5



Reflect (34 colors)



Category A

Weight 430 g/m² | 13.78 oz/yd²

Composition 100% Post-consumer recycled polyester

Abrasion resistance 100.000 Martindale

Flammability AS/NZS 3837 class 1 | ASTM E84 Class A Unadhered

ASTM E84 Class B Adhered | BS 5852 crib 5 with treatment

BS 5852 part 1 with treatment | EN 1021-1/2 | US Cal. Bull. 117-2013

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

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

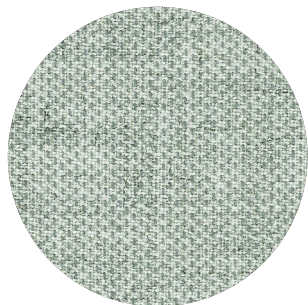
Pilling Note 4, EN ISO 12945



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 1IM | US Cal. Tech. Bull. 117, Sec. E
NFPA 260 | IMO A.652(16)

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

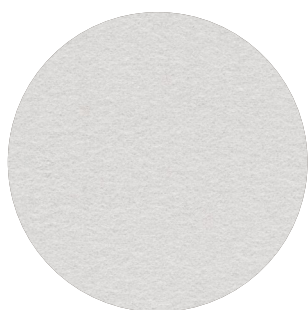
Fastness to rubbing (ISO) dry 4-5, wet 4

Pilling Note 4, EN ISO 12945



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 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)

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 1IM
US Cal. Bull. 117-2013 | NFPA 260 | IMO A.652 (16)

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

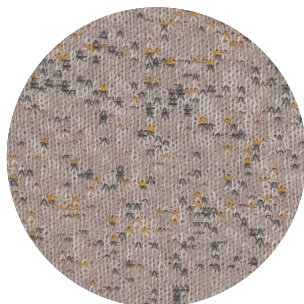
Fastness to rubbing (ISO) dry 3-5, wet 3-5

Pilling Note 3, EN ISO 12945



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

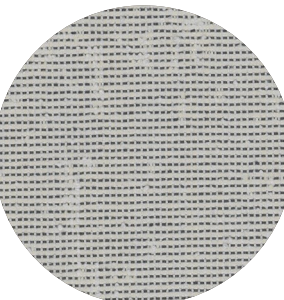
Fastness to rubbing Dry note 3-5 ISO 105-X12
Wet note 3-5 ISO 105-X12

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

