



## Product Specification Sheet

### BuzziShade Square EU

— By Stal Collectief

#### A reinvented classic

Thanks to BuzziShade Square and BuzziShade Square Beam's sleek and architectural design language, both options perfectly suit all kinds of workspaces, should they be in an office, education center, hospitality space, or beyond. The acoustic lighting solution doubles as a sound-absorbing panel and can be paired with either a globe or spot iteration of BuzziSol Solo (BuzziShade Square Medium only) and BuzziSol Trio (BuzziShade Square Beam only). Or choose a retrofit option to match your ambience. BuzziShade Square can be outfitted in various BuzziFelt color combinations.



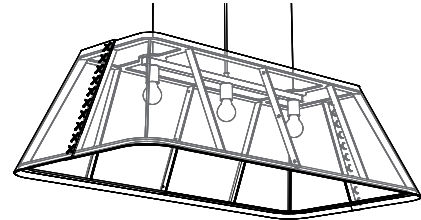
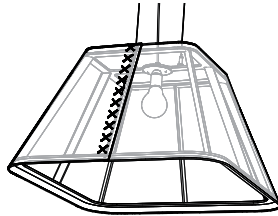
# The Family

## Models

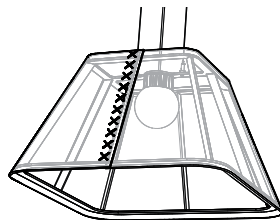
**BuzziShade Square Medium**

**BuzziShade Square Beam**

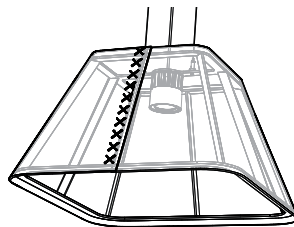
**Retrofit E27**  
(bulb excluded)



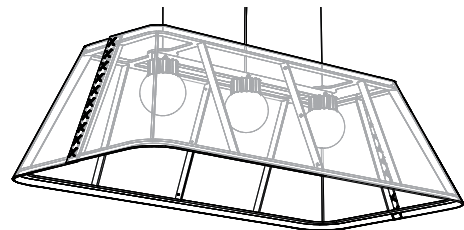
**LED Solo Globe**



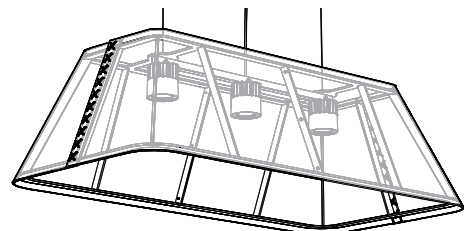
**LED Solo Spot**



**LED Trio Globe**



**LED Trio Spot**



Lighting Units

### Required order information

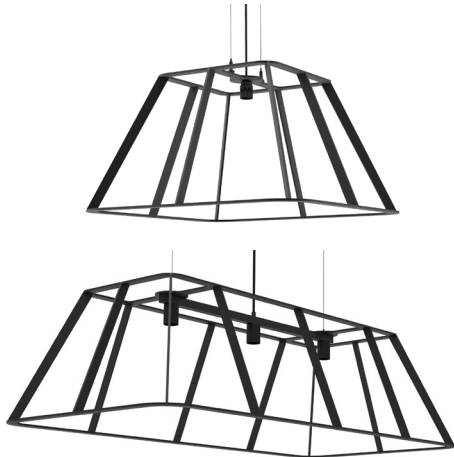
1. Model
2. Light Option
3. Color Frame
4. BuzziFelt Color
5. Color Lace
6. Mounting Option

# Lighting Data

---

## Lighting Units

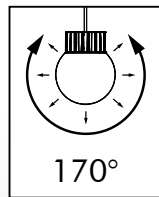
### Retrofit Lighting unit



The BuzziShade Square Medium retrofit includes 1 x E27 fitting,  
(Max. 40W)  
BuzziShade Square Beam retrofit includes 3 x E27 fittings.  
(Max. 60W)  
Bulb excluded

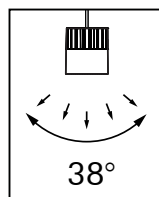
### LED

#### Globe



The LED fixtures consists of 1 or 3 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.

#### Spot



# BuzziShade Square

## Model: Medium

### 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	3000K	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: Beam

### Lighting Options

### Characteristics

### Mounting

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

### Lighting Options

### Characteristics

### Mounting

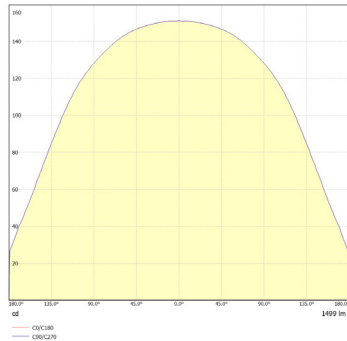
Lighting Unit	Voltage Input	Color Temperature	UGR (Diffuser type)	Dimming	Technical	Visual	Options
LED Trio	220 - 240V	3000K	23 (Globe)	1-10V	Power consumption: 51W Light output: 3x1500 Lm Efficacy: 88 Lm/W CRI: > 90	Color: Power Cable: Black Ceiling Canopy: Black	2 cables of 2 or 5 m Alu or Black
	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

CE CB

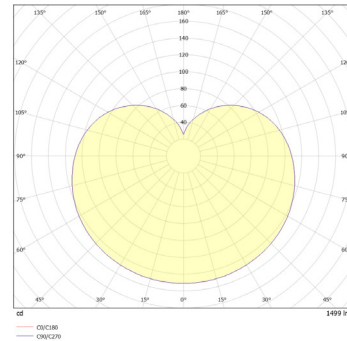
# Photometric Data

## BuzziShade Square Medium Solo LED

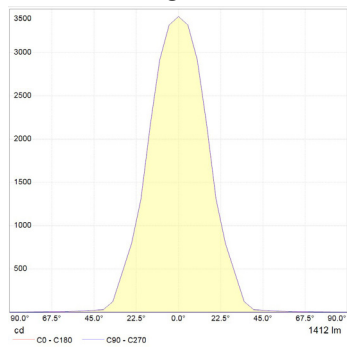
LED Solo Globe Cartesian diagram



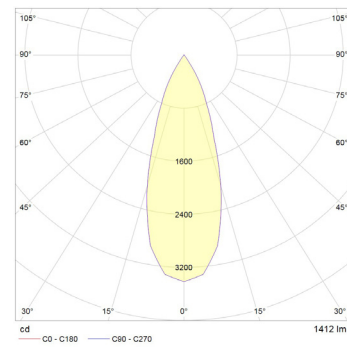
LED Solo Globe Polar curve



LED Solo Spot Cartesian diagram

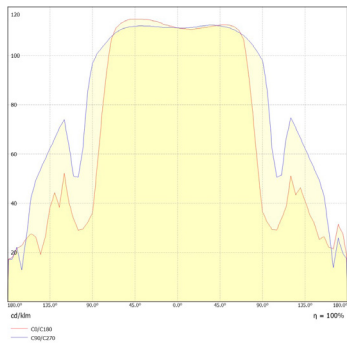


LED Solo Spot Polar curve

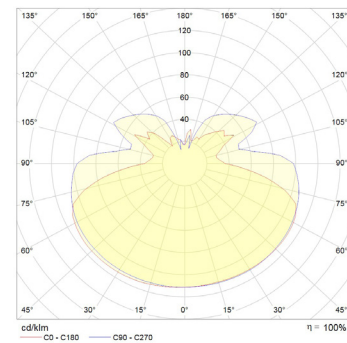


## BuzziShade Square Beam Trio LED

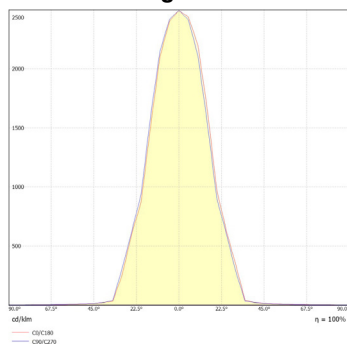
LED Trio Globe Cartesian diagram



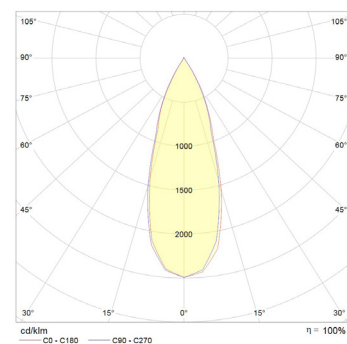
LED Trio Globe Polar curve



LED Trio Spot Cartesian diagram



LED Trio Spot Polar curve



---

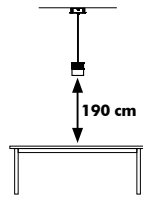
## Tips and Tricks - Light Options

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

### BuzziShade Square Medium BuzziSol Solo

#### Solo Spot

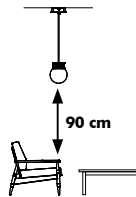
Office,  
Meeting room



500 Lux

#### Solo Globe

Office,  
Meeting room

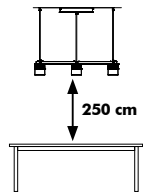


100 Lux

### BuzziShade Square Beam BuzziSol Trio

#### Trio Spot

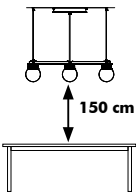
Office,  
Meeting room



500 Lux

#### Trio Globe

Office,  
Meeting room



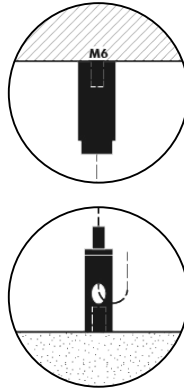
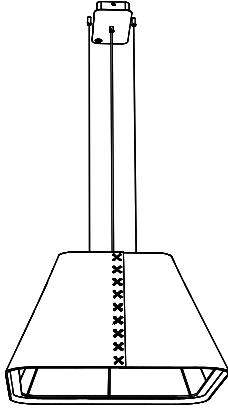
500 Lux

\* According to EN12464

# Product Data

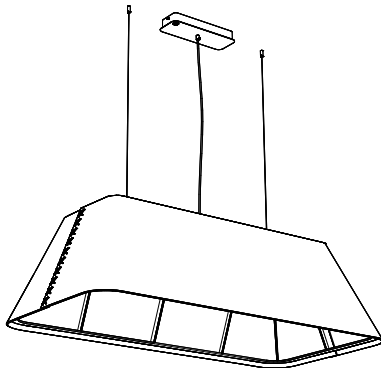
## Fixing System

### Fixing System Acoustic Panel



BuzziShade Square Medium is suspended on 2 cables of 2 or 5 m black or alu colored cables, with fixing system screw.

### Fixing System Lighting



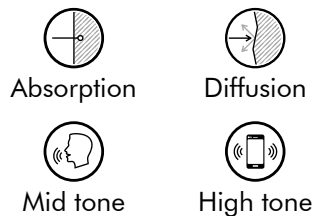
The light element of BuzziShade Square Beam is suspended independently from the acoustic panel with 2 cables of 2 or 5 m black or alu colored cables, with fixing system screw.

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

## Acoustic Panel



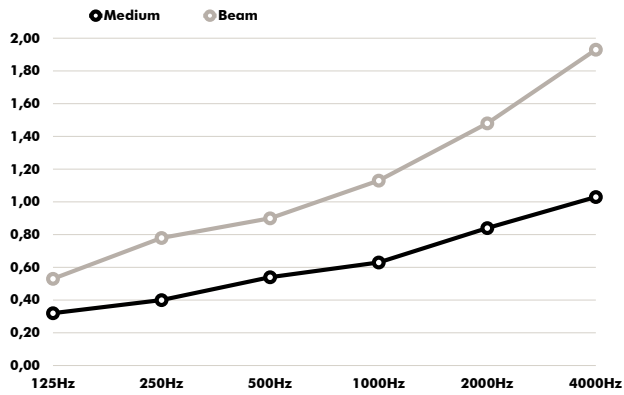
The acoustic panel consists of one layer of BuzziFelt with a lace in black, white or fluorescent orange.



# Acoustics

## BuzziShade Square

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



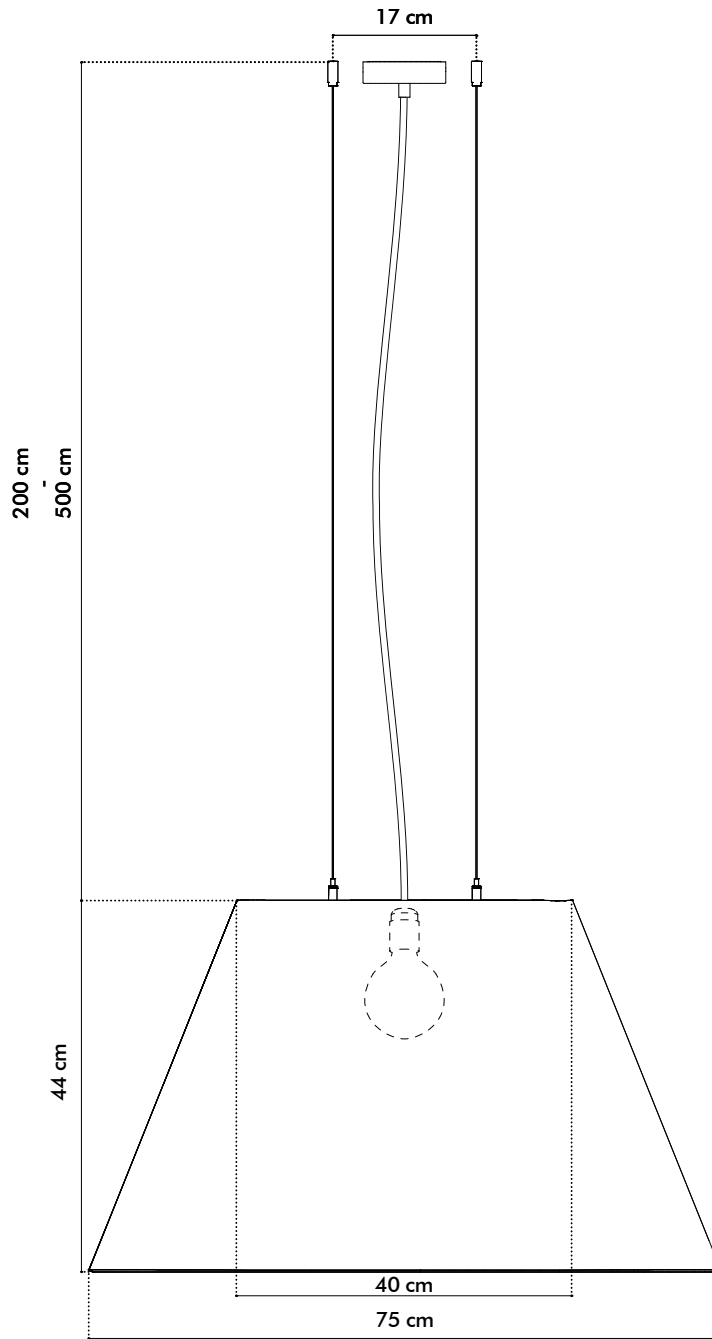
Hz	Aeq/m <sup>2</sup> Medium	Aeq/m <sup>2</sup> Beam
125	0,32	0,53
250	0,40	0,78
500	0,54	0,90
1000	0,63	1,13
2000	0,84	1,48
4000	1,03	1,93



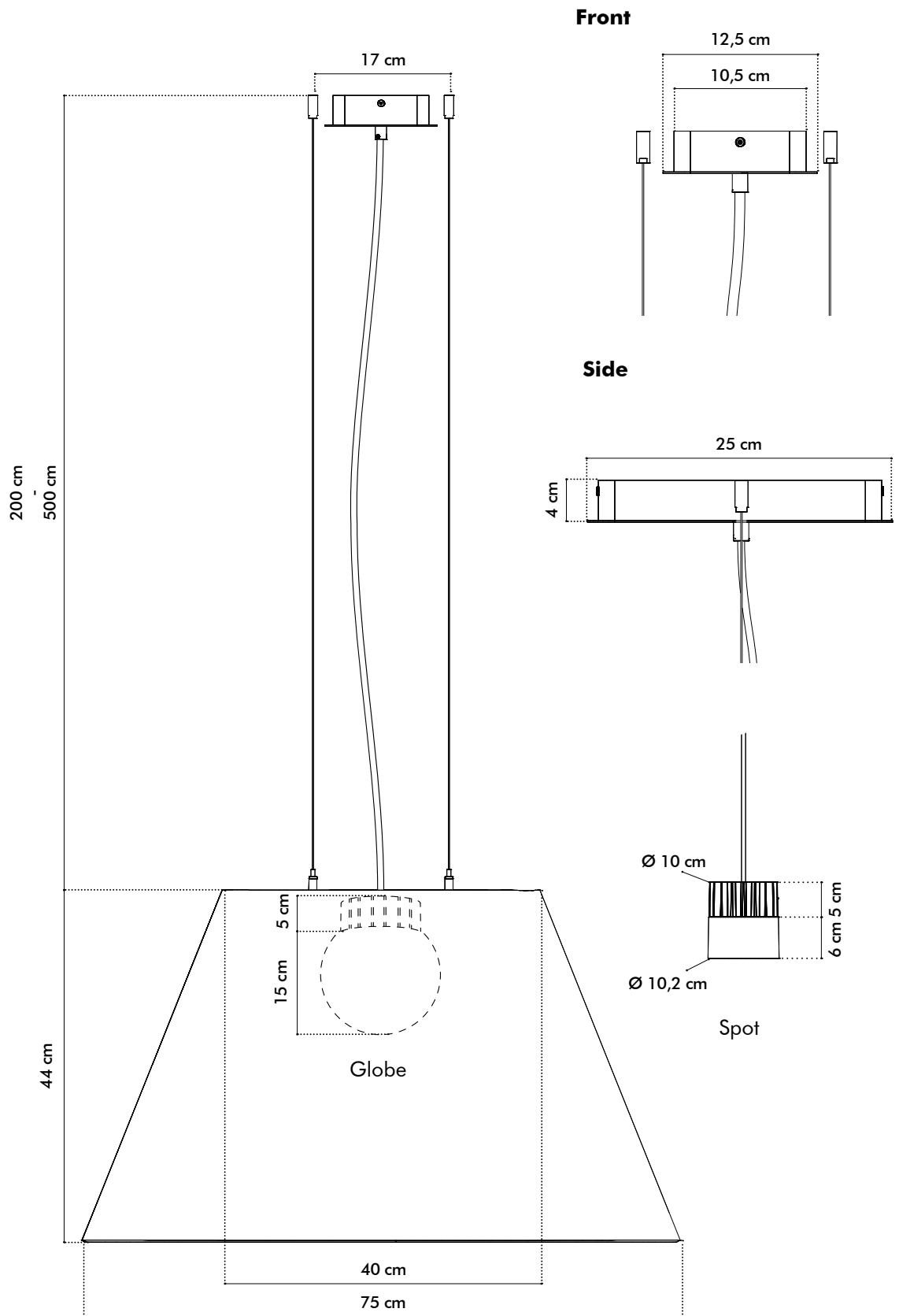
---

# Dimensions

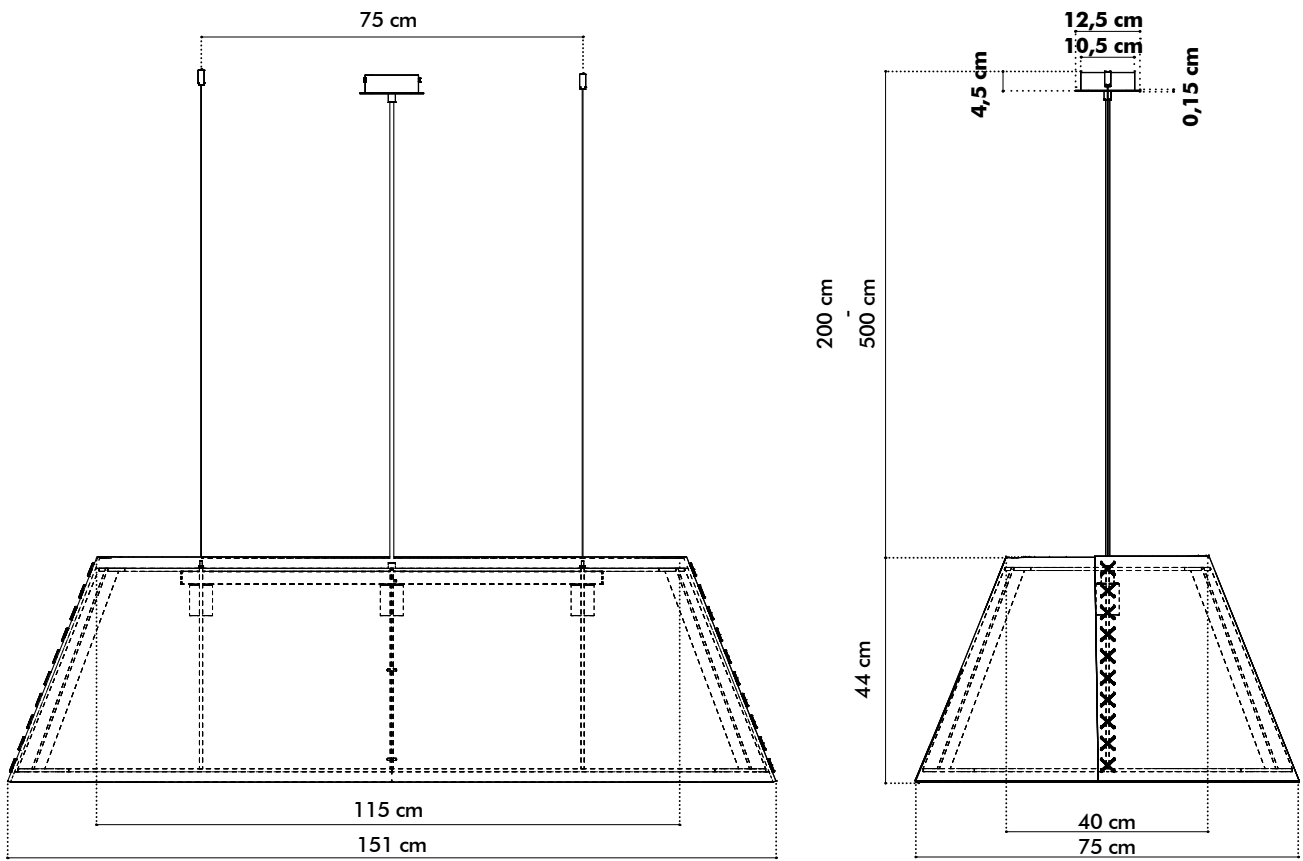
## BuzziShade Square Medium Retrofit



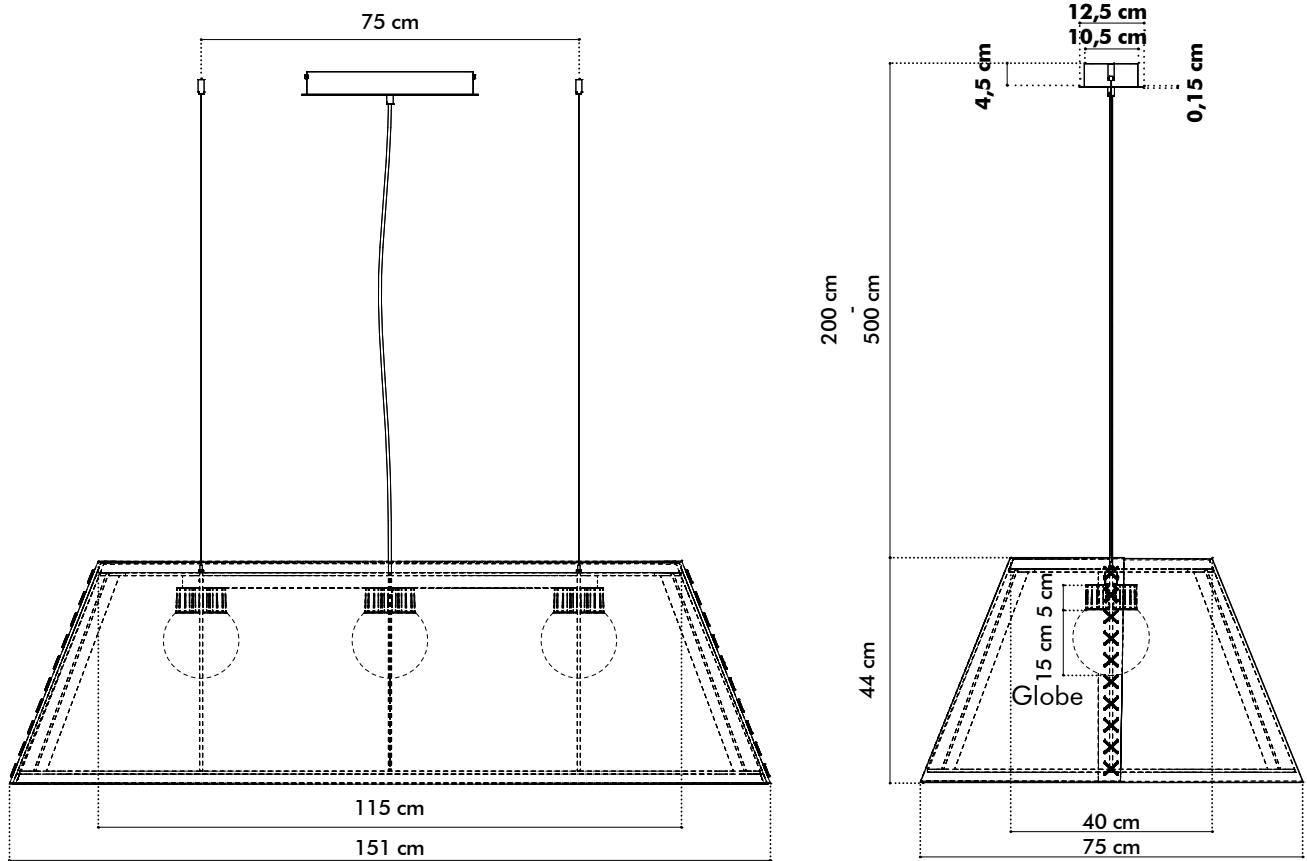
# BuzziShade Square Medium LED Solo



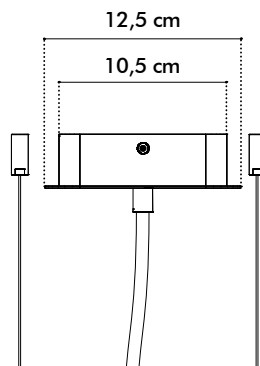
# BuzziShade Square Beam Retrofit



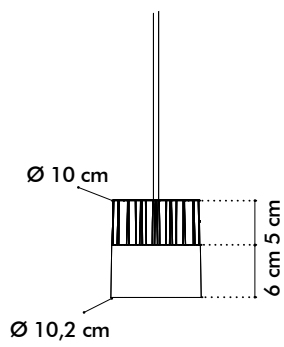
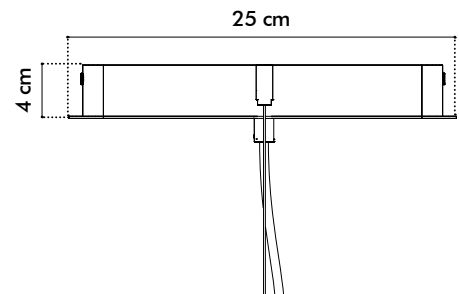
# BuzziShade Square LED Beam Trio



**Front**



**Side**

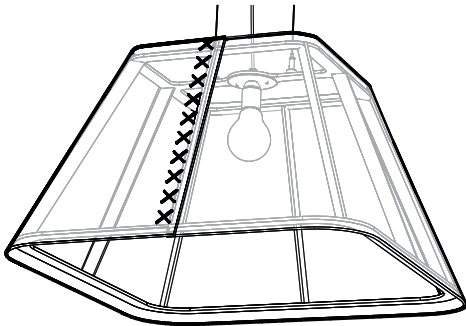


Spot

---

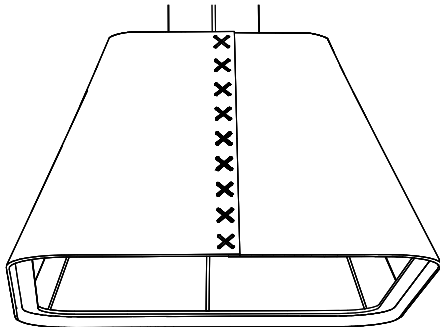
## Weights

### BuzziShade Square Medium Retrofit



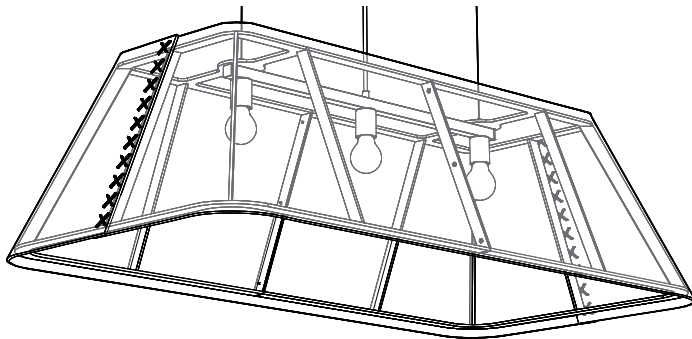
5 kg

### BuzziShade Square Medium Solo LED



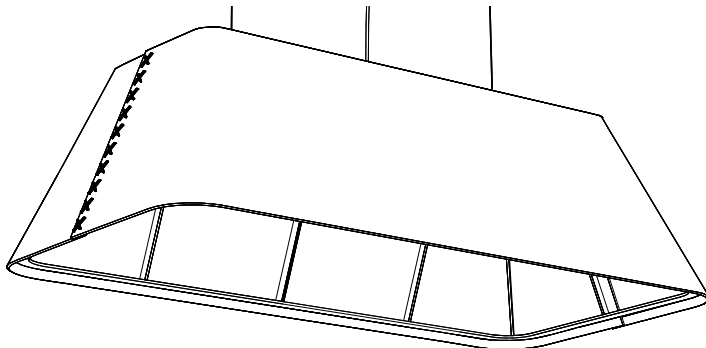
7 kg

### BuzziShade Square Beam Retrofit



11 kg

### BuzziShade Square Beam Trio LED

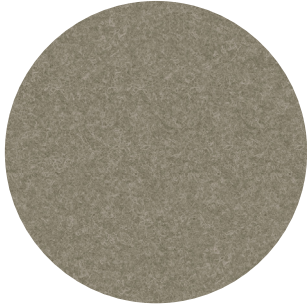


12,7 kg

# Fabrics

---

## 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

