



## 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). BuzziShade Square can be outfitted in various BuzziFelt color combinations.



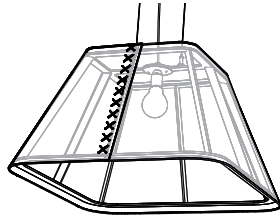
# The Family

## Models

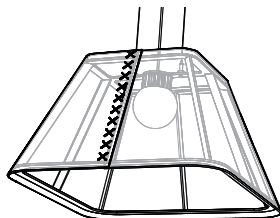
### BuzziShade Square Medium

### BuzziShade Square Beam

**Retrofit E27**  
(bulb excluded)

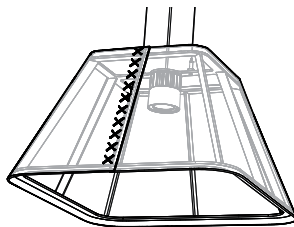


**Sol Solo Globe**

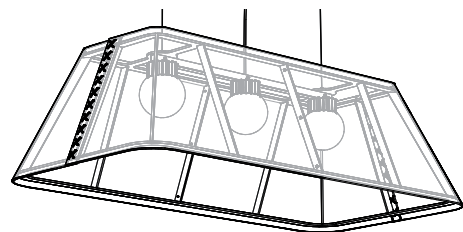


Lighting Units

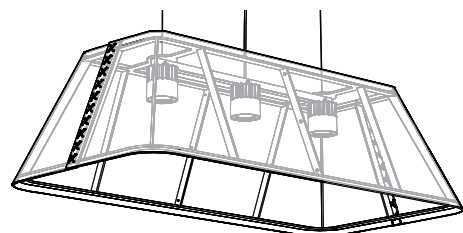
**Sol Solo Spot**



**Sol Trio Globe**



**Sol Trio Spot**



## Required order information

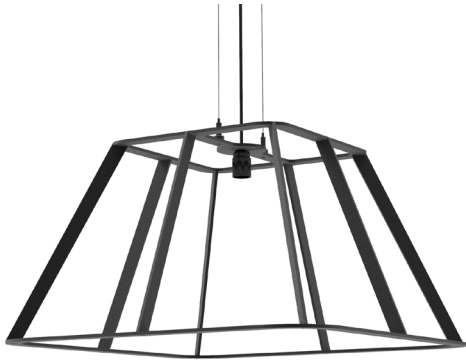
1. Model
2. Light Option
3. Color Frame
4. BuzziFelt Color
5. Color Lace
6. Mounting Option
7. Color Ceiling Canopy (only for Retrofit)
8. Color Power Cable (only for Retrofit)

# Lighting Data

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## Lighting Units

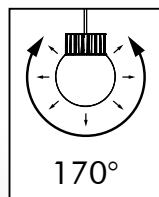
### Retrofit Lighting unit



Retrofit E27 bulb excluded, Max 60W.

### BuzziSol

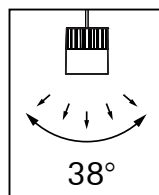
#### Globe



BuzziSol is a suspended LED fixture consisting of 1 or 3 powder-coated black heatsink 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



# Lighting specifications

## BuzziShade Square Medium

| 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         | Color Lace                         | Fabric Collection     | Fabric Color          | Mounting Option                     |
|-------------------------|------------|---------|------------------------|-----------------|-----|---------|-------------------|-----|-----------------------------------|----------------------------------|----------------------|---------------------------|------------------------------------|-----------------------|-----------------------|-------------------------------------|
| Retrofit E27 bulb excl. | 220 - 240V | Max.60W | -                      | -               | -   | -       | -                 | -   | Standard                          | Black, Red or Fluorescent Orange | Black or White       |                           |                                    |                       |                       |                                     |
| Sol Solo Globe          | 220 - 240V | 20W     | 1500 Lm                | 75              | 90  | 1-10V   | 3000K             | 23  | Standard                          | Black                            | Black                | Black, White or Aluminium | Black, White or Fluorescent Orange | Use color codes below | Use color codes below | 2 cables of 2 m or 5 m Alu or Black |
| Sol Solo Globe          | 220 - 240V | 20W     | 1500 Lm                | 75              | 90  | DALI    | 3000K             | 23  | On Request                        | Black                            | Black                |                           |                                    |                       |                       |                                     |
| Sol Solo Spot           | 220 - 240V | 20W     | 1500 Lm                | 75              | 90  | 1-10V   | 3000K             | 12  | Standard                          | Black                            | Black                |                           |                                    |                       |                       |                                     |
| Sol Solo Spot           | 220 - 240V | 20W     | 1500 Lm                | 75              | 90  | DALI    | 3000K             | 12  | On Request                        | Black                            | Black                |                           |                                    |                       |                       |                                     |

## BuzziShade Square Beam

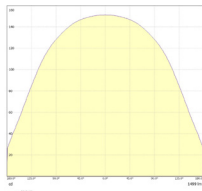
| Lighting Unit  | Voltage    | Wattage | Light Output Luminaire | Efficacy (Lm/W) | CRI | Dimming | Color Temperature | UGR | Standard (stock) On request (>LT) | Color Power Cable | Color Ceiling Canopy | Color Metal Frame         | Color Lace                         | Fabric Collection     | Fabric Color          | Mounting Option                     |
|----------------|------------|---------|------------------------|-----------------|-----|---------|-------------------|-----|-----------------------------------|-------------------|----------------------|---------------------------|------------------------------------|-----------------------|-----------------------|-------------------------------------|
| Sol Trio Globe | 220 - 240V | 60W     | 3 x 1500 Lm            | 75              | 90  | 1-10V   | 3000K             | 23  | Standard                          | Black             | Black                | Black, White or Aluminium | Black, White or Fluorescent Orange | Use color codes below | Use color codes below | 2 cables of 2 m or 5 m Alu or Black |
| Sol Trio Spot  | 220 - 240V | 60W     | 3 x 1500 Lm            | 75              | 90  | 1-10V   | 3000K             | 12  | Standard                          | Black             | Black                |                           |                                    |                       |                       |                                     |

CE CB

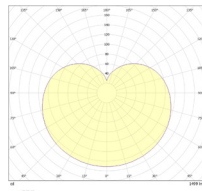
# Photometric Data

## BuzziShade Square Medium BuzziSol Solo

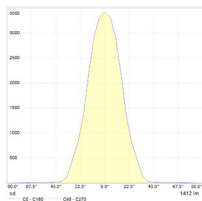
Sol Solo Globe Cartesian diagram



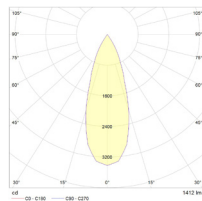
Sol Solo Globe Polar curve



Sol Solo Spot Cartesian diagram

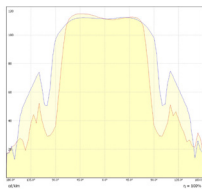


Sol Solo Spot Polar curve

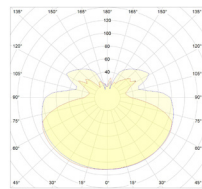


## BuzziShade Square Beam BuzziSol Trio

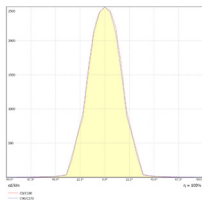
Sol Trio Globe Cartesian diagram



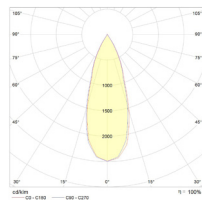
Sol Trio Globe Polar curve



Sol Trio Spot Cartesian diagram



Sol Trio Spot Polar curve



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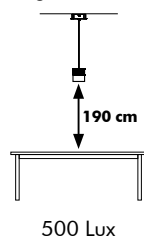
## Tips and Tricks - Light Options

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

### BuzziShade Square Medium BuzziSol Solo

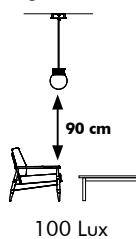
#### Solo Spot

Office,  
Meeting room



#### Solo Globe

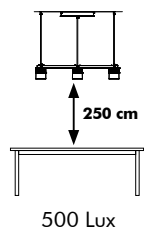
Office,  
Meeting room



### BuzziShade Square Beam BuzziSol Trio

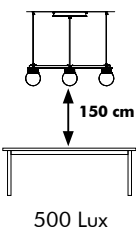
#### Trio Spot

Office,  
Meeting room



#### Trio Globe

Office,  
Meeting room



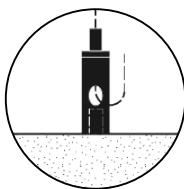
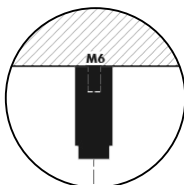
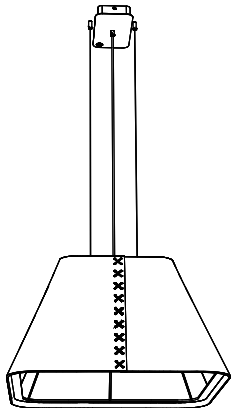
\* According to EN12464

# Product Data

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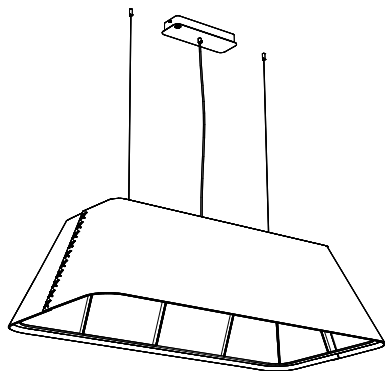
## Fixing System

### 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.



Absorption



Diffusion



Mid tone

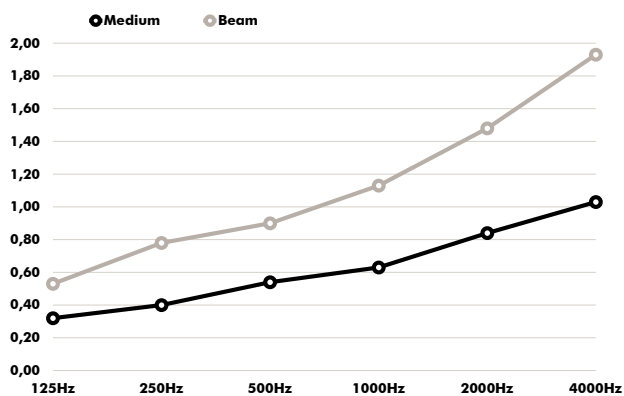


High tone

# Acoustics

## BuzziShade Square

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



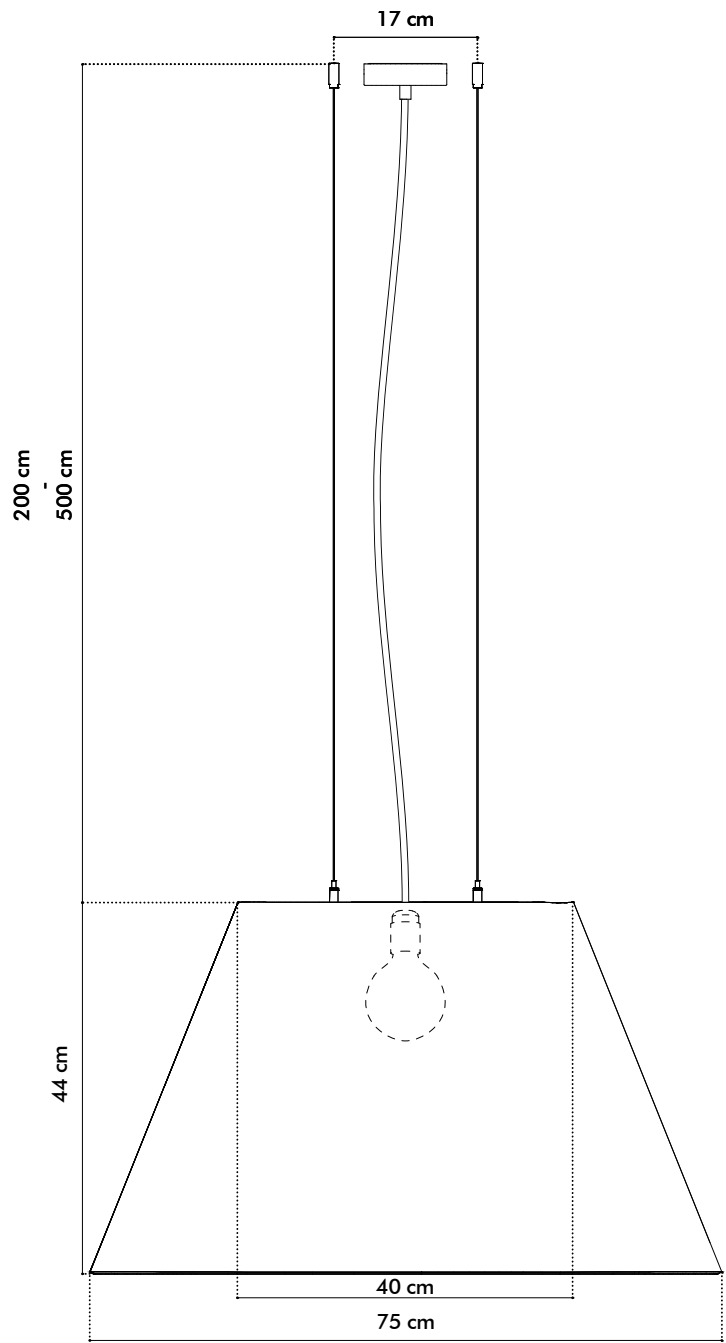
| Hz   | Aeq/m²<br>Medium | Aeq/m²<br>Beam |
|------|------------------|----------------|
| 125  | 0,32             | 0,53           |
| 250  | 0,40             | 0,78           |
| 500  | 0,54             | 0,90           |
| 1000 | 0,63             | 1,13           |
| 2000 | 0,84             | 1,48           |
| 4000 | 1,03             | 1,93           |



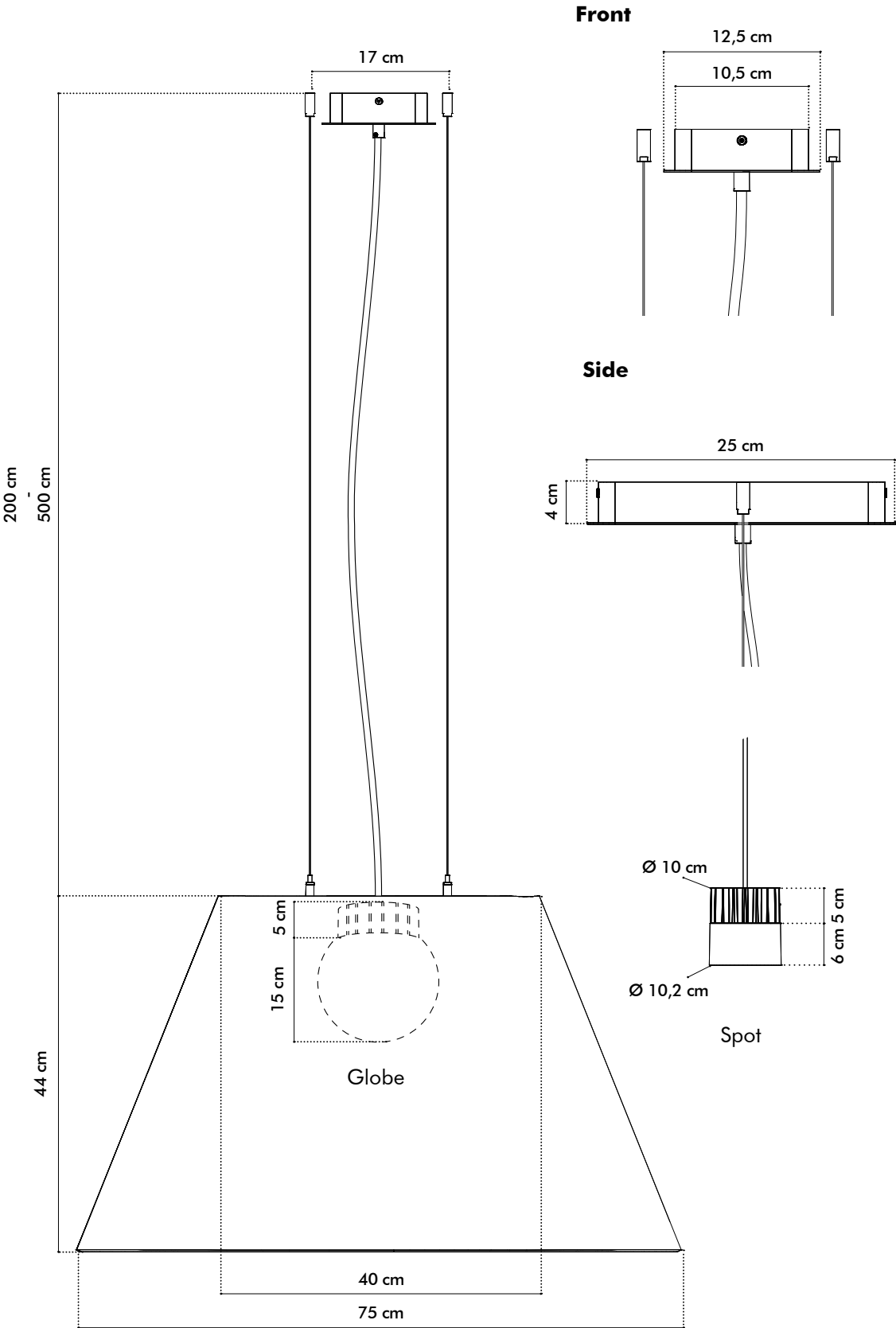
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# Dimensions

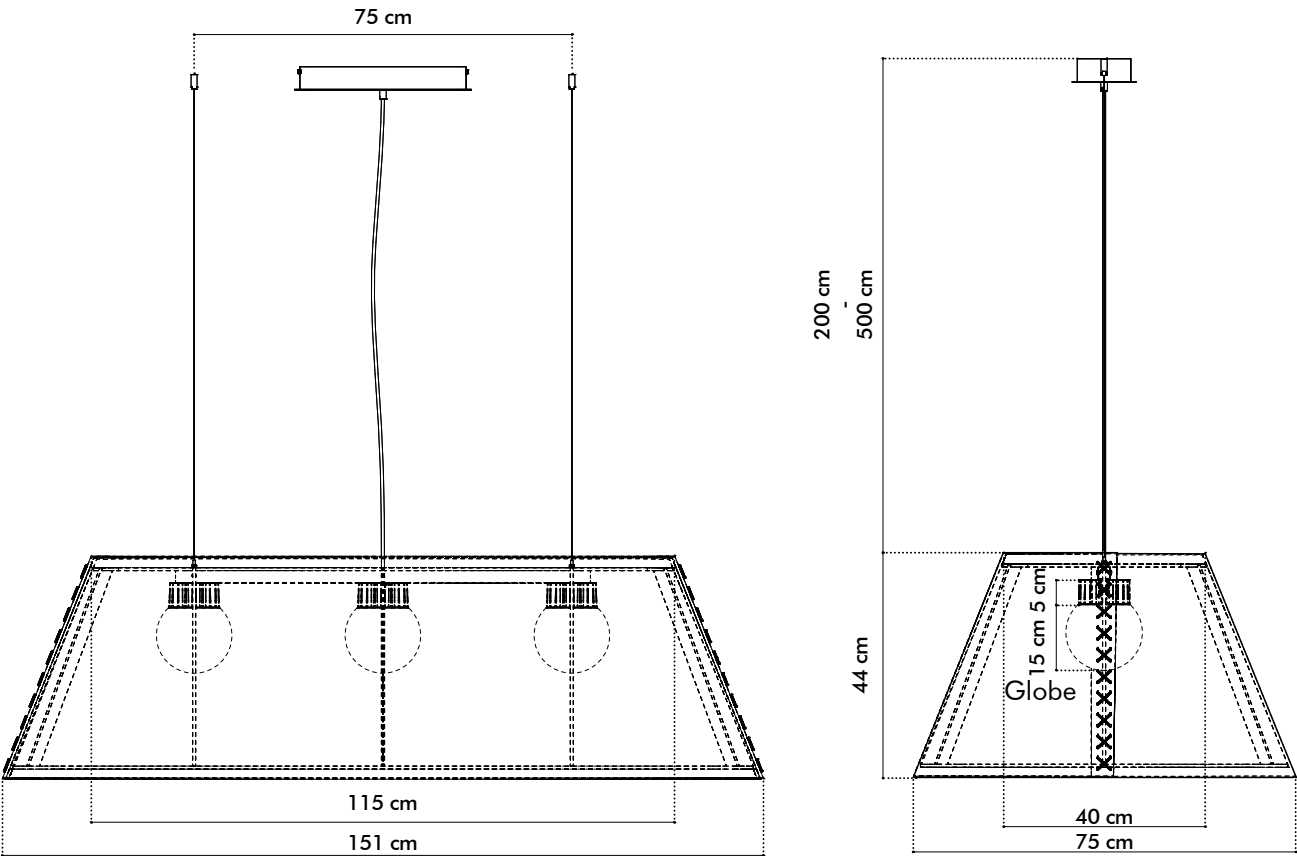
## BuzziShade Square Medium



BuzziShade Square LED Medium

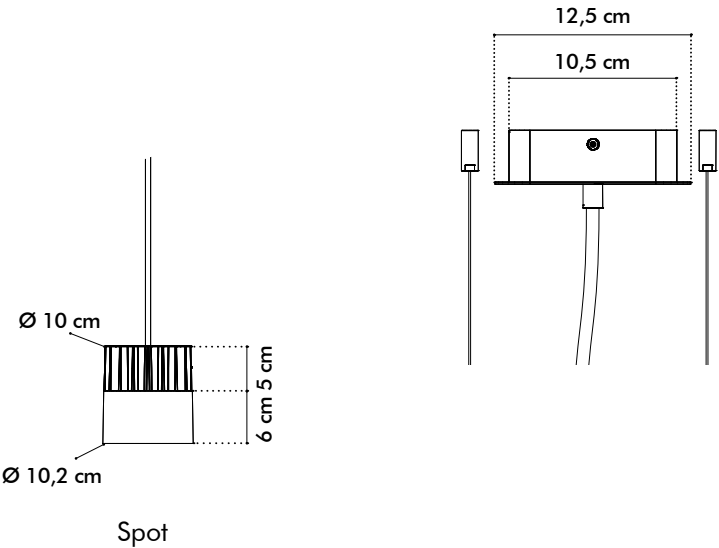


**BuzziShade Square LED Beam**



**Front**

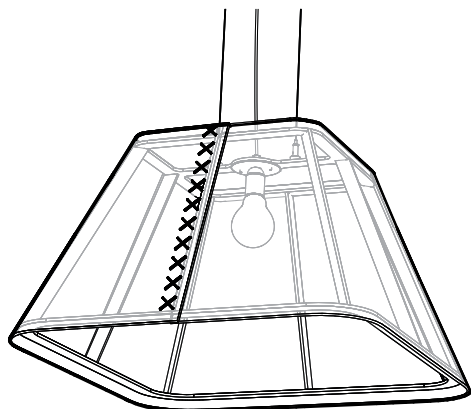
**Side**



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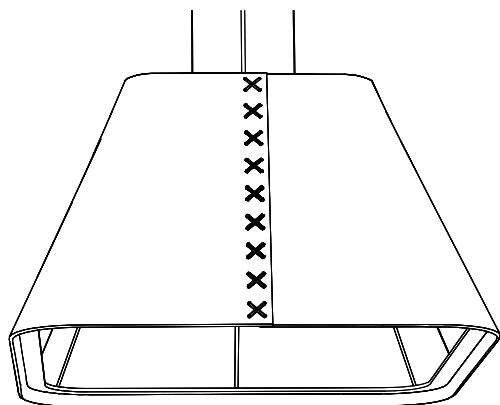
## Weights

### BuzziShade Square Medium Retrofit



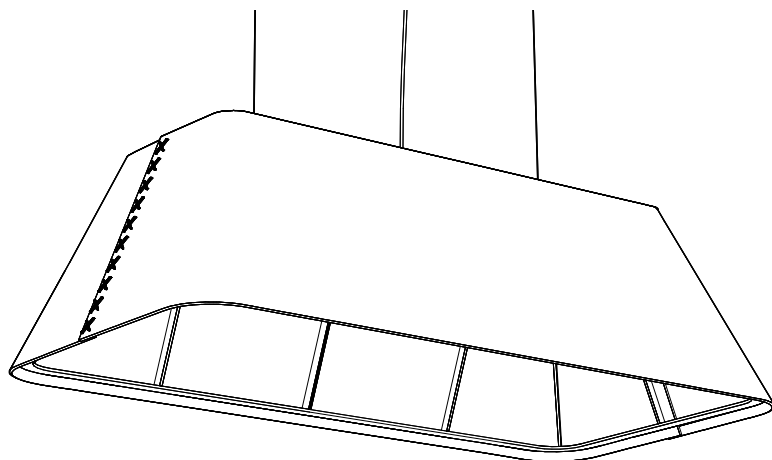
 5 kg

### BuzziShade Square Medium BuzziSol Solo



 7 kg

### BuzziShade Square Beam BuzziSol Trio

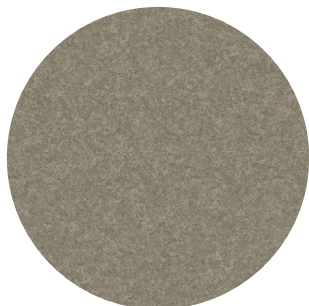


 12,7 kg

# Fabrics

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## Felt (12 colors)



**Composition** 100% Recycled P.E.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

