



## Product Specification Sheet

### BuzziShade US

— By Stal Collectief

The BuzziShade combines lit surroundings with acoustic performance.

The design prevents eavesdroppers from hearing your private conversations, and reduces external noise levels to a minimum. The BuzziShade is extremely versatile. The perfect addition to any office, waiting room or restaurant and is ideal for large-scale events. Be creative in colour by adding a layer of fabric to the BuzziFelt shades. The BuzziShade is the culmination of an artistic collaboration between BuzziSpace and the four young Belgian furniture designers of Stal Collectief.





# The Family

## Models

**BuzziShade M**

**BuzziShade L**

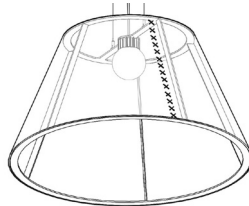
**BuzziShade XL**

**BuzziShade XXL**

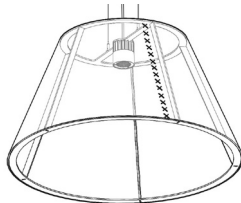
**Retrofit E26**  
(bulb excluded)



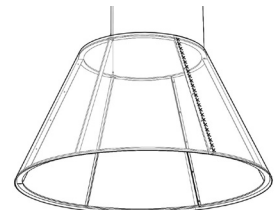
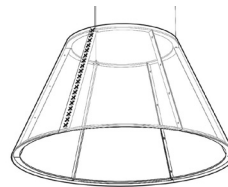
**Sol Solo  
Globe**



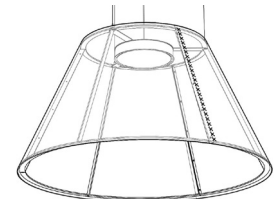
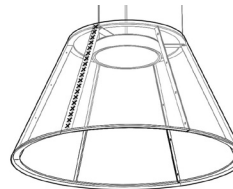
**Sol Solo Spot**



**No  
Electrification**



**LED Disk  
Ø 470**



**Lighting Units**

Required order information

1. Size
2. Light Option
3. Color Frame
4. BuzziFelt Color

5. Option Extra Layer Inside or Outside
6. Color Lace
7. Mounting Option
8. Color Ceiling Canopy (only for Retrofit)
9. Color Power Cable (only for Retrofit)

# Lighting Data

---

## Lighting Units

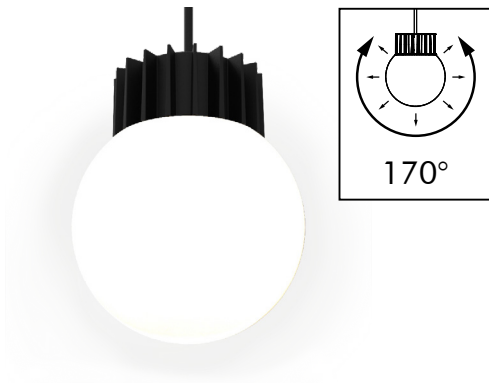
**Retrofit Lighting unit** (only available for BuzziShade M | L)



Retrofit E26 bulb excluded, Max 100W.

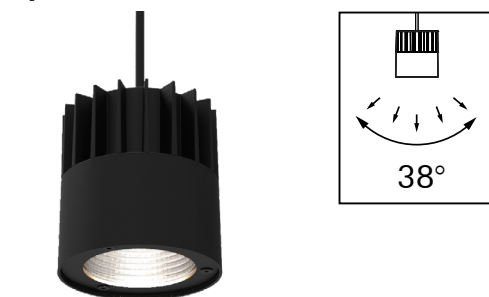
**BuzziSol** (only available for BuzziShade M | L)

**Globe**



BuzziSol Solo is a suspended LED fixture consisting of 1 powder-coated black heatsink with LED chip on board (COB) light source. 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**

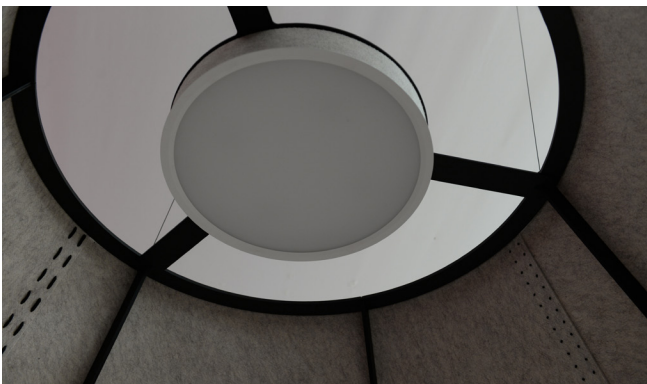


**No Electrification (only available for BuzziShade XL | XXL)**



On request, the BuzziShade XL or XXL can be ordered without LED light Source

**LED Disk Ø 470 (only available for BuzziShade XL | XXL)**



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

# BuzziShade

Model: Medium | Large

## Lighting Options

## Characteristics

## Mounting

| Lighting Unit           | Voltage Input | Technical          | Visual                                                                                                                                                                      | Options                                    |
|-------------------------|---------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|
| Retrofit E26 bulb excl. | 100-240V/277V | Wattage: Max. 100W | Color:<br>Power Cable: Black<br><br>Ceiling Canopy:<br>Black<br><br>Metal Frame:<br>Black, White,<br>Fluorescent Orange<br><br>Lace:<br>Black, White,<br>Fluorescent Orange | 2 cables of 78.74" or 196.85" Alu or Black |

## Lighting Options

## Characteristics

## Mounting

| Lighting Unit | Voltage Input | Color Temperature                | UGR (Diffuser type) | Dimming | Technical                                                                         | Visual                                                                                                                                                                         | Options                                    |
|---------------|---------------|----------------------------------|---------------------|---------|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|
| LED Solo      | 100-240V/277V | 2700K<br>3000K<br>3500K<br>4000K | 23 (Globe)          | 1-10V   | Power consumption: 19W<br>Light output: 1500 Lm<br>Efficacy: 79 Lm/W<br>CRI: > 90 | Color:<br>Power Cable:<br>Black<br><br>Ceiling Canopy:<br>Black<br><br>Metal Frame:<br>Black, White,<br>Fluorescent Orange<br><br>Lace:<br>Black, White,<br>Fluorescent Orange | 2 cables of 78.74" or 196.85" Alu or Black |
|               |               |                                  | 12 (Spot)           | 1-10V   | Power consumption: 19W<br>Light output: 1500 Lm<br>Efficacy: 79 Lm/W<br>CRI: > 90 |                                                                                                                                                                                |                                            |

Model: XL | XXL

| Lighting Unit  | Voltage Input | Color Temperature | UGR (Diffuser type) | Dimming | Technical                                                                         | Visual                                                                                                                           | Options                                    |
|----------------|---------------|-------------------|---------------------|---------|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|
| LED Disk Ø 470 | 120-277V      | 3000K<br>3500K    | 22 (milky)          | 1-10V   | Power consumption: 29W<br>Light output: 2545 Lm<br>Efficacy: 88 Lm/W<br>CRI: > 90 | Color:<br>Power Cable:<br>Black<br><br>Ceiling Canopy:<br>Black<br><br>Metal Frame:<br>Black, White<br><br>Lace:<br>Black, White | 3 cables of 78.74" or 196.85" Alu or Black |

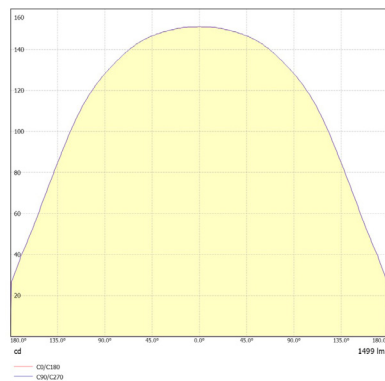


\* To achieve a UGR 19, the product is fitted with a Prismatic diffuser instead of a milky diffuser. LED dots will be visible.

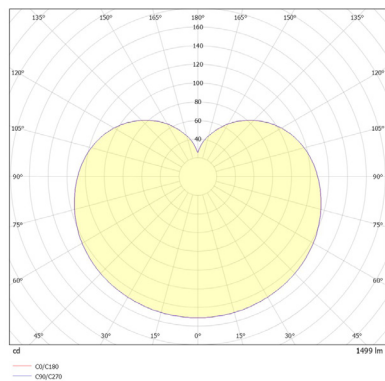
# Photometric Data

## BuzziShade BuzziSol Solo

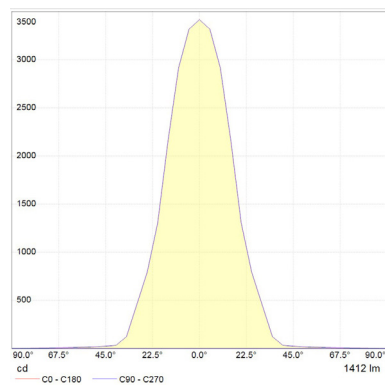
Sol Solo Globe Cartesian diagram



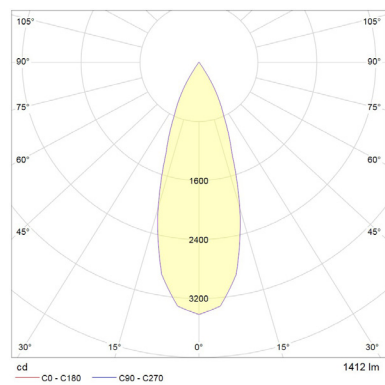
Sol Solo Globe Polar curve



Sol Solo Spot Cartesian diagram

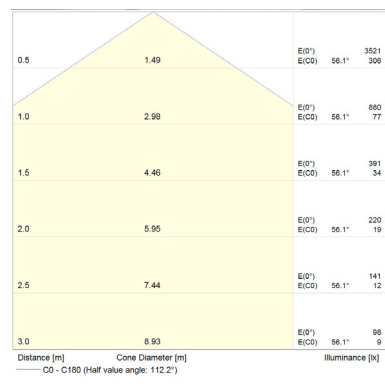


Sol Solo Spot Polar curve

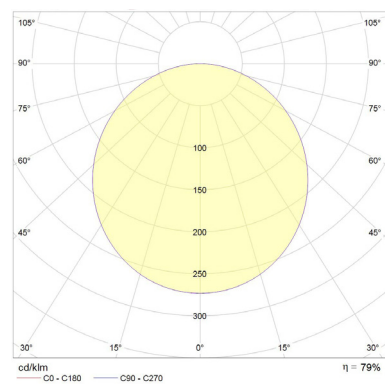


## BuzziShade LED Disk Ø 470

LED Disk Ø 470 Cartesian diagram



LED Disk Ø 470 Polar curve



---

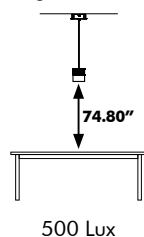
## Tips and Tricks - Light Options

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

### BuzziShade BuzziSol Solo

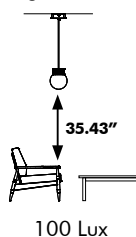
#### Solo Spot

Office,  
Meeting room



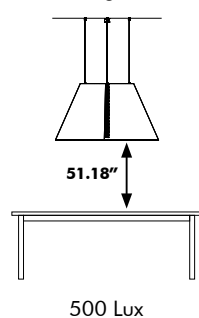
#### Solo Globe

Office,  
Meeting room

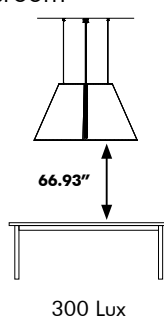


### BuzziShade LED Disk Ø 470

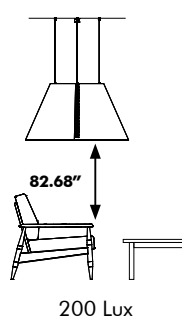
Office,  
Meeting room



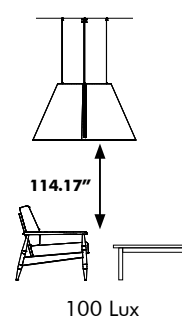
Reception desk, Lounge,  
classroom



Entrance Hal



Entrance Hall

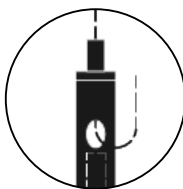
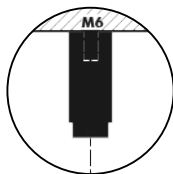
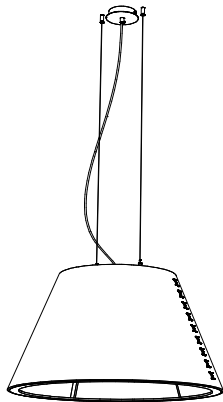


\* According to EN12464

# Product Data

## Fixing System

### Fixing System Acoustic Shade



BuzziShade M and L are suspended on 2 cables of 78.74" or 196.85" black or alu colored cables, with fixing system screw.

BuzziShade XL and XXL are suspended on 3 cables of 78.74" or 196.85" black or alu colored cables, with fixing system screw.

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

## Acoustic Shade



The acoustic shade consists of one layer of BuzziFelt with our signature lacing.

BuzziShade M | L : Lace in Black, White or Fluorescent Orange.

BuzziShade XL | XXL : Lace in Black or White.

Two rows of lacing for size XL and three rows for size XXL

Optional: an extra layer of BuzziFabric can be added on the inside or outside.



Absorption



Mid tone



High tone

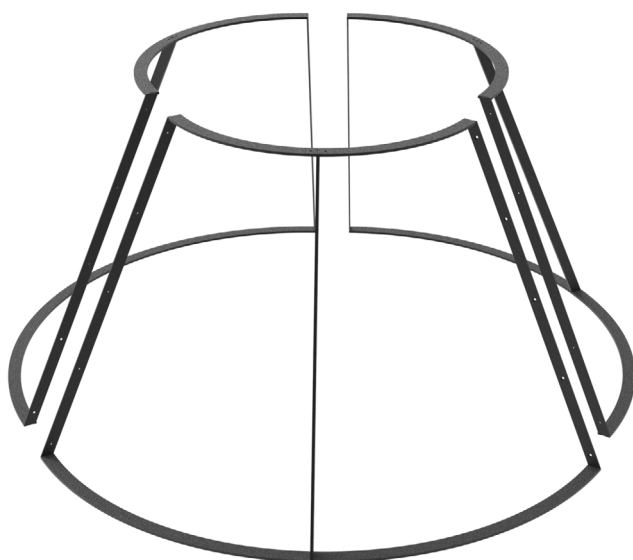


---

## Metal Frame



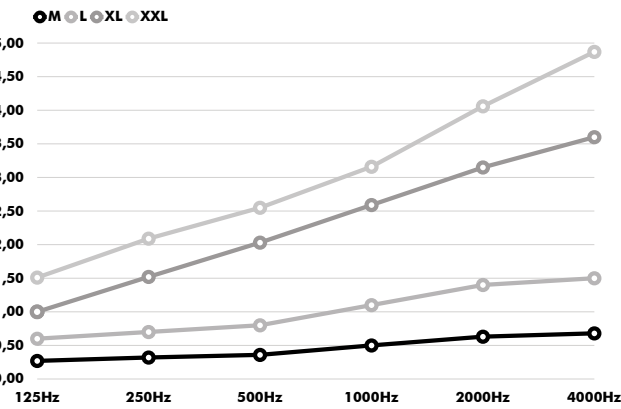
BuzziShade M I L : Powder coated metal frame in Black (RAL 9005), White (RAL 9010), Fluo Orange (RAL 2005)



BuzziShade XL I XXL : Powder coated metal frame in Black (RAL 9005), White (RAL 9010)  
The metal frame is built up in 2 parts for XL and 3 parts for XXL

# Acoustics

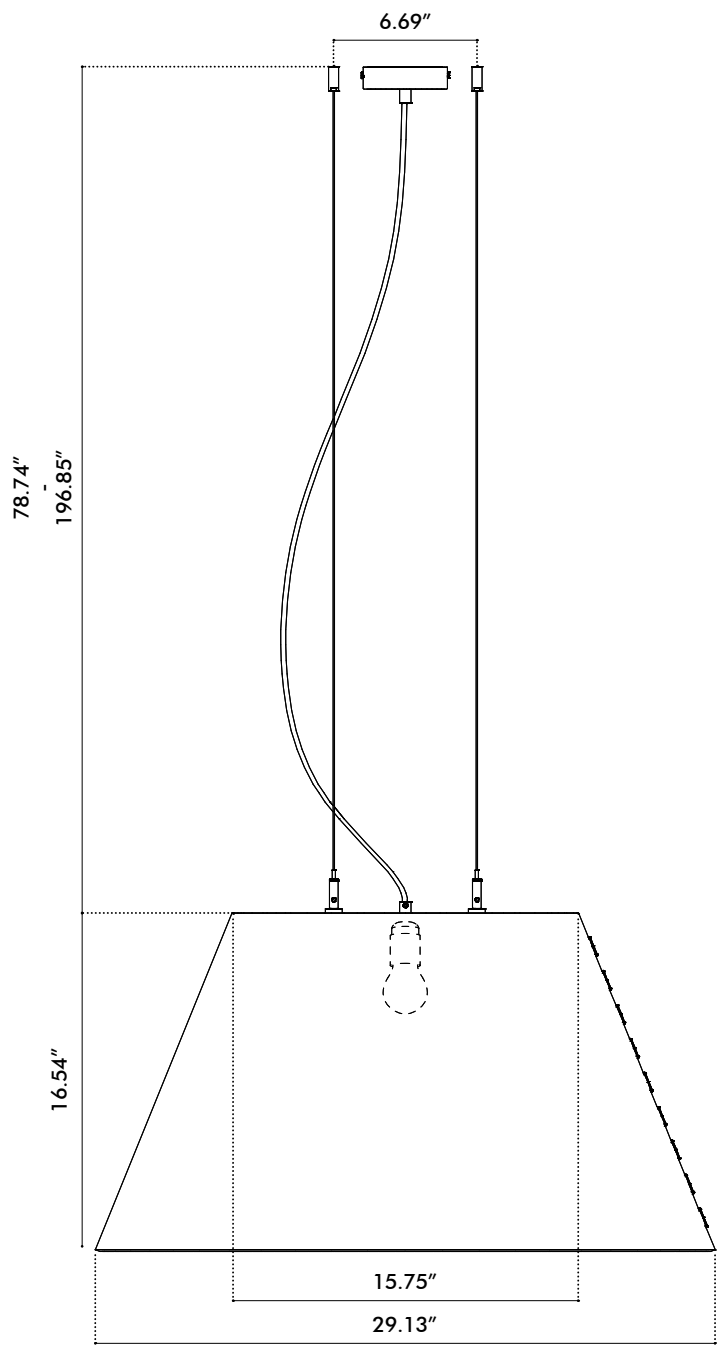
## BuzziShade Equivalent sound absorption area in m<sup>2</sup> per object



| Hz   | Shade M Aeq/m² | Shade L Aeq/m² | Shade XL Aeq/m² | Shade XXL Aeq/m² |
|------|----------------|----------------|-----------------|------------------|
| 125  | 0.27           | 0.60           | 1.00            | 1.51             |
| 250  | 0.32           | 0.70           | 1.52            | 2.09             |
| 500  | 0.36           | 0.80           | 2.03            | 2.55             |
| 1000 | 0.50           | 1.10           | 2.59            | 3.16             |
| 2000 | 0.63           | 1.40           | 3.15            | 4.06             |
| 4000 | 0.68           | 1.50           | 3.60            | 4.87             |

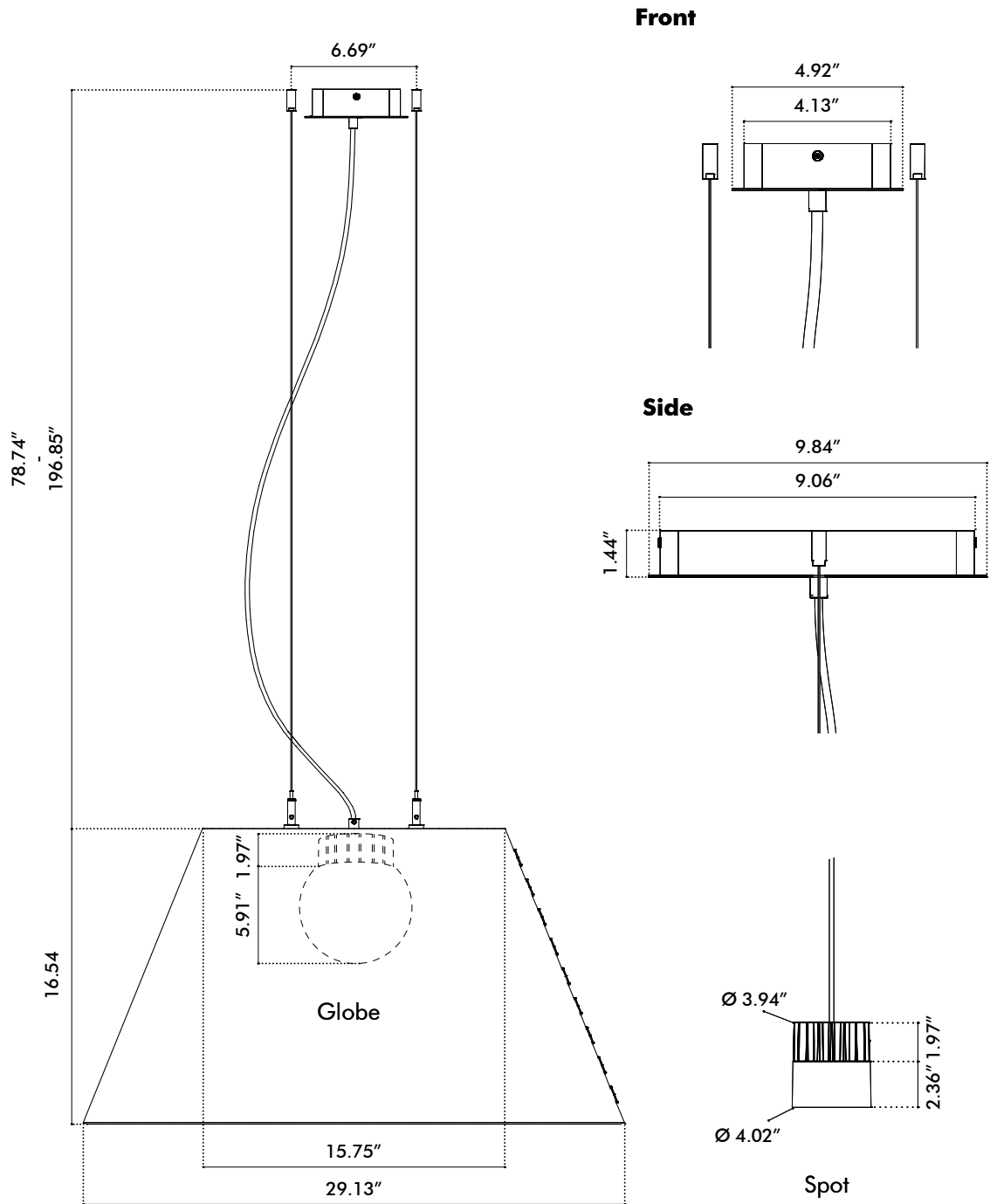
# Dimensions

## BuzziShade Pendant Medium

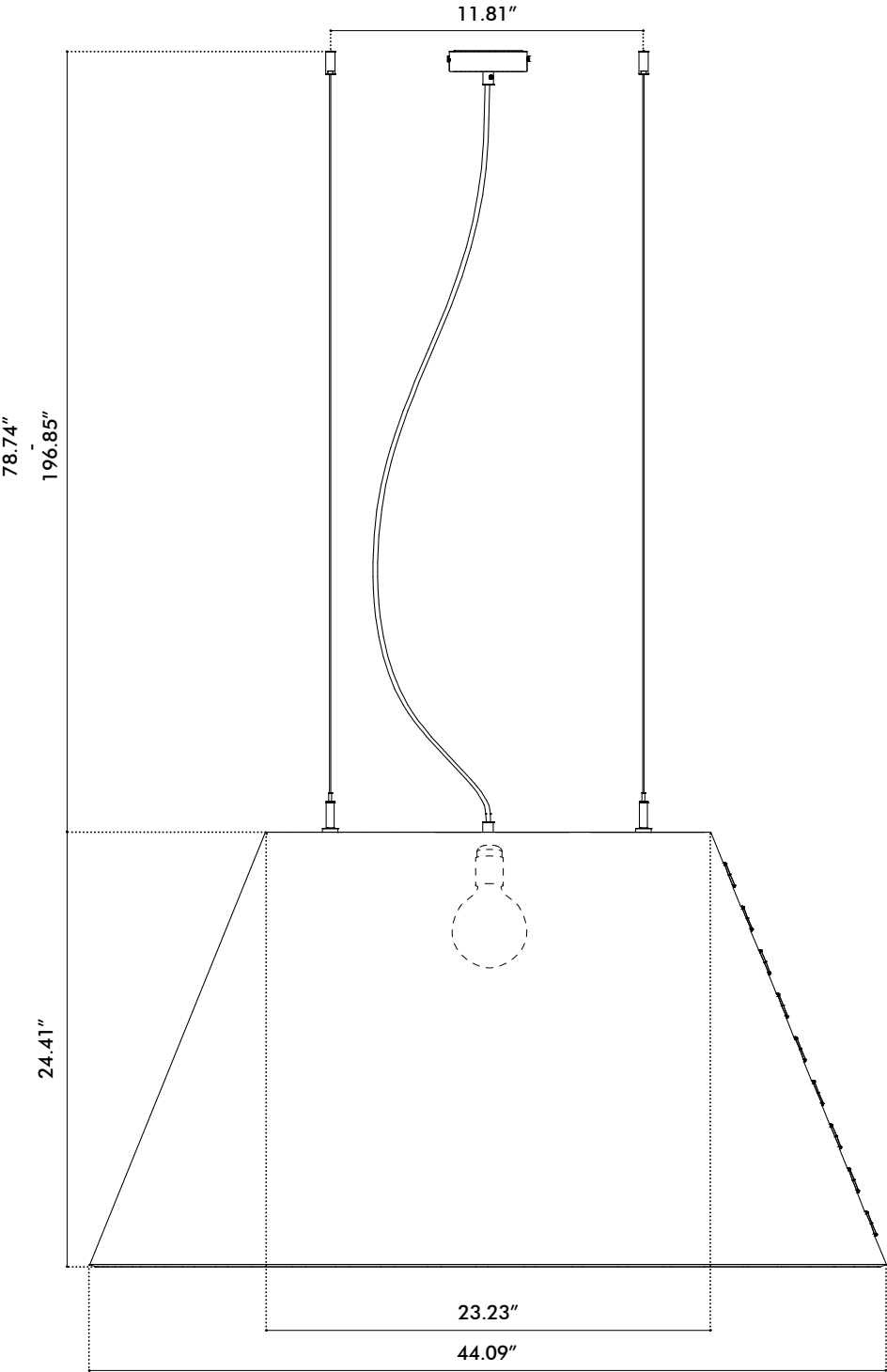




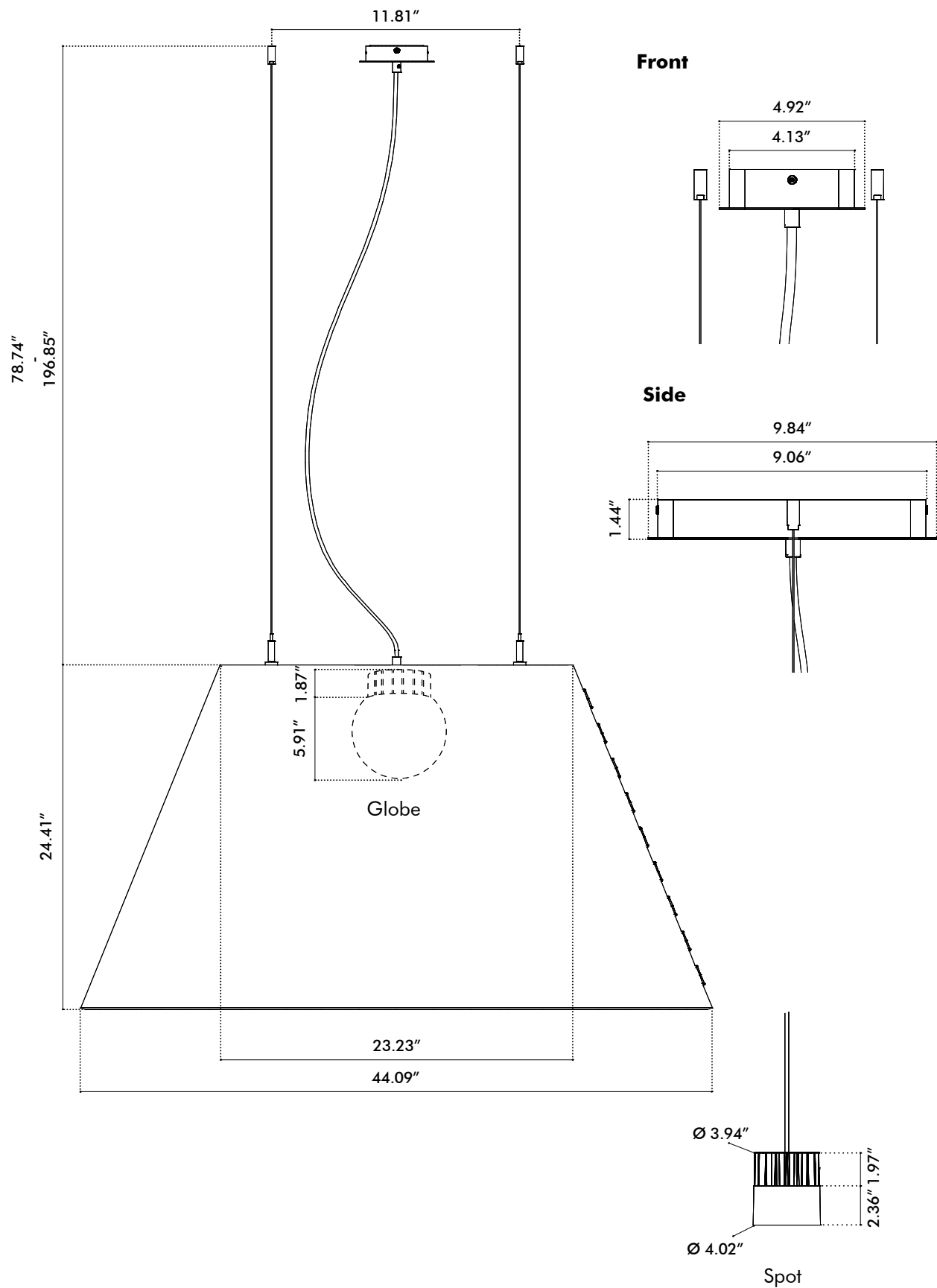
**BuzziShade Pendant LED Medium**

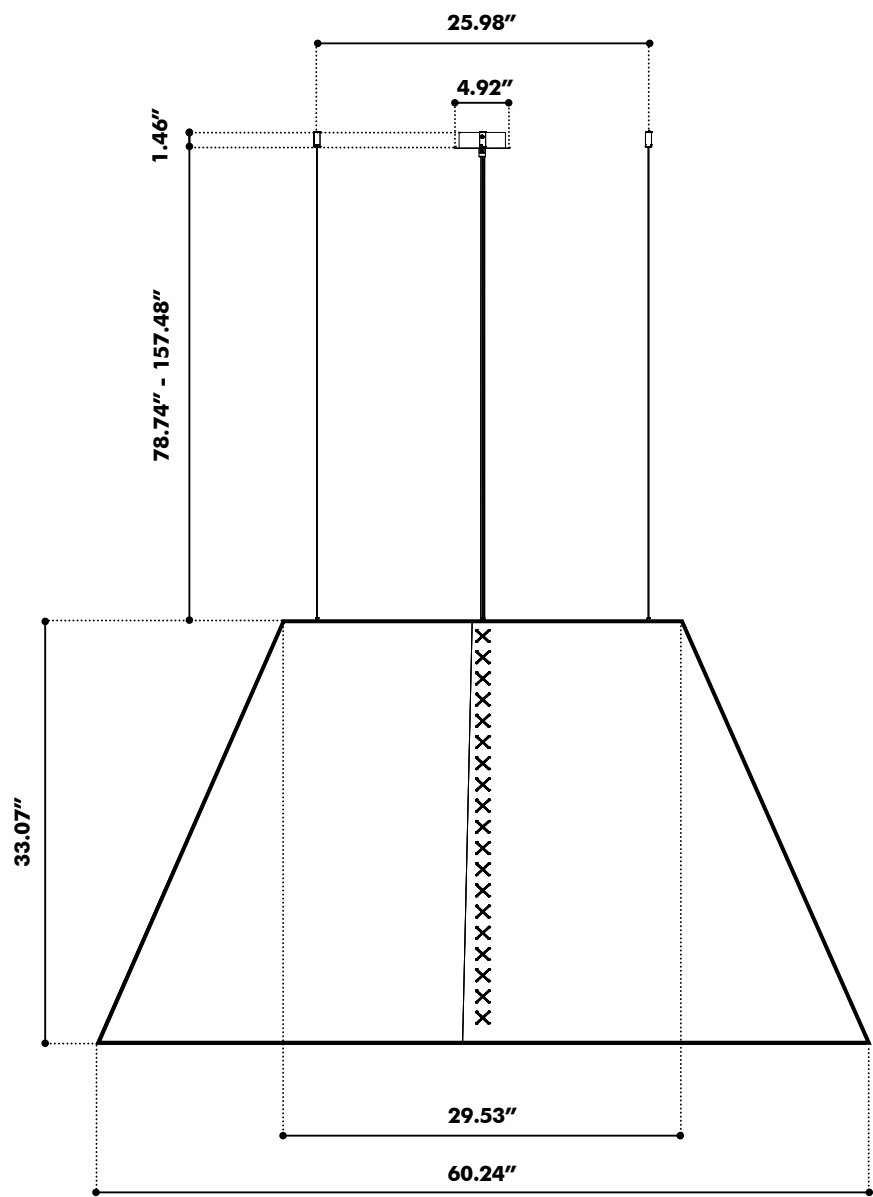


BuzziShade Pendant Large



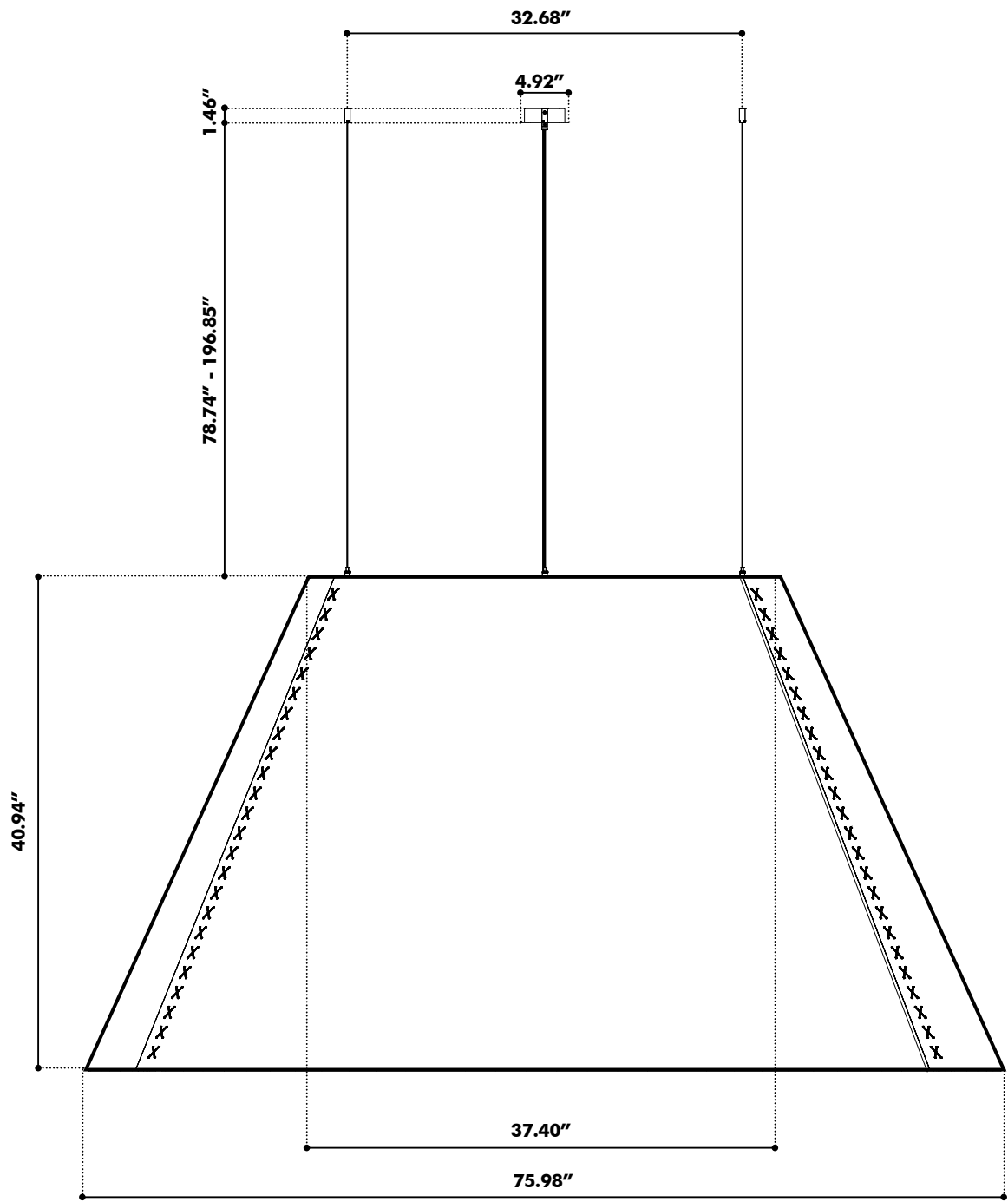
BuzziShade Pendant LED Large







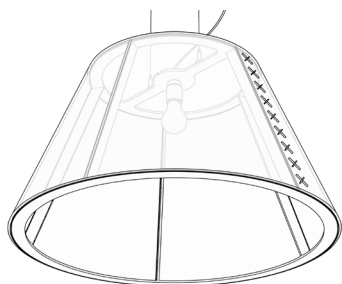
**BuzziShade XXL**



---

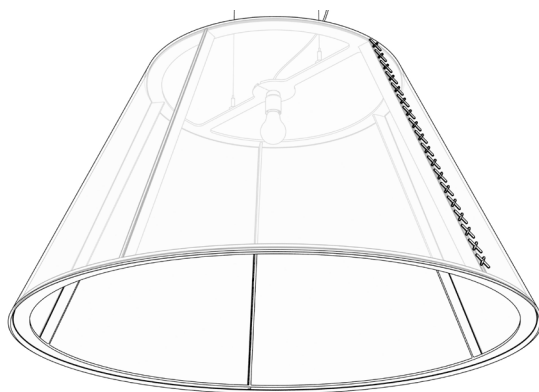
# Weights

## BuzziShade M Retrofit



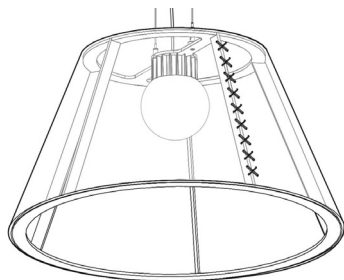
8.82 lbs

## BuzziShade L Retrofit



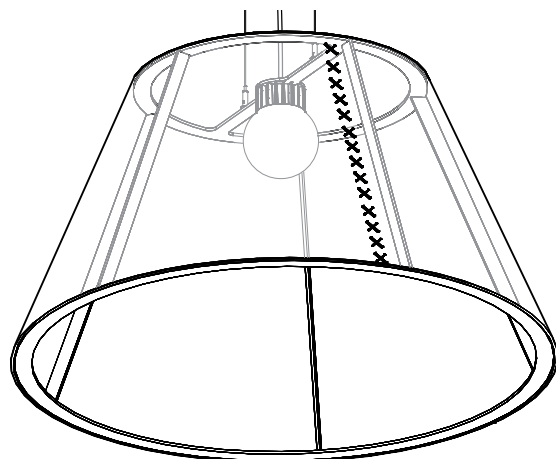
17.64 lbs

## BuzziShade M BuzziSol



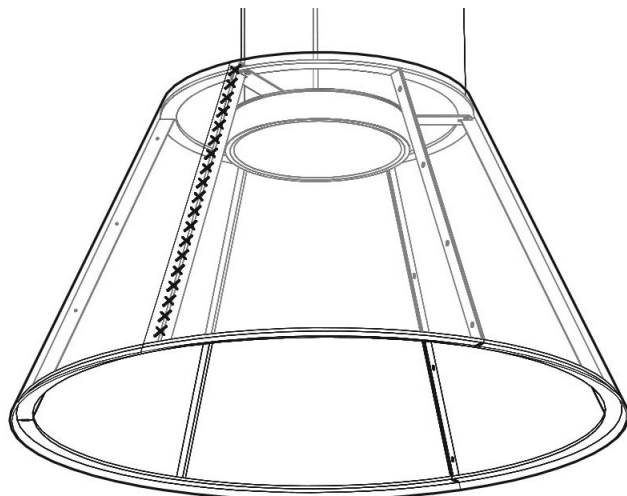
13.23 lbs

## BuzziShade L BuzziSol



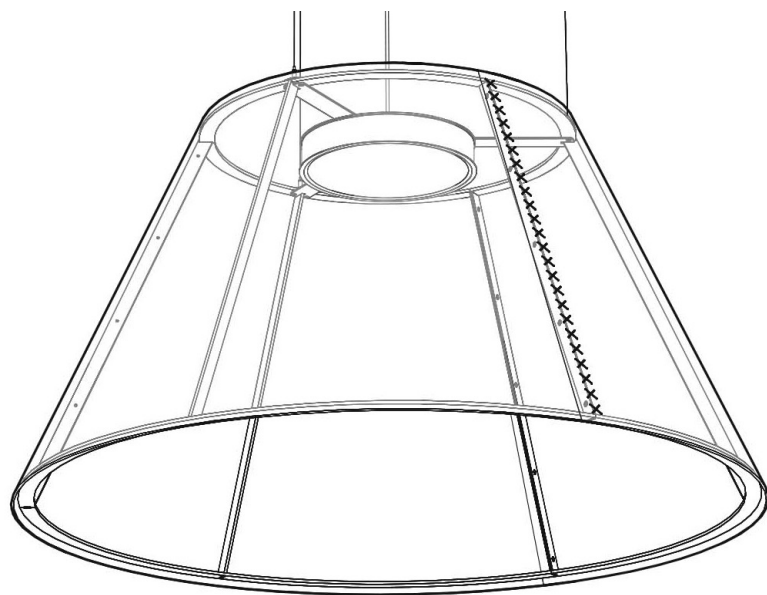
22.05 lbs

### BuzziShade XL



46.74 lbs

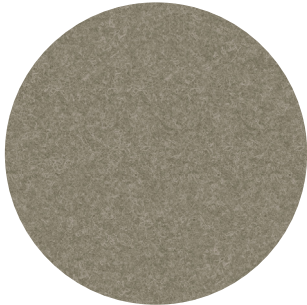
### BuzziShade XXL



56.66 lbs

# Fabrics

## Felt (12 colors)



**Composition** 100% Recycled P.E.T. Felt, latex backing

**Weight** 1.000 g/m<sup>2</sup> | 29.49 oz/yd<sup>2</sup>

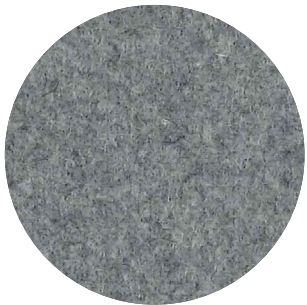
**Abrasion resistance** >7.000 Martindale

**Flammability** EU: EN 13501.1 + A1/2009 Class B-s1,d0  
USA: ASTM E84 Class A certified

**Fastness to light** USA 5



## 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

