



Product Specification Sheet

BuzziShade Square US

— 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.



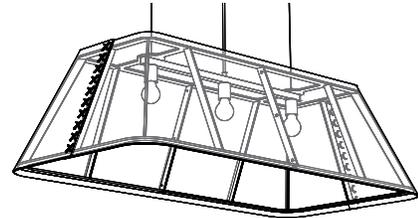
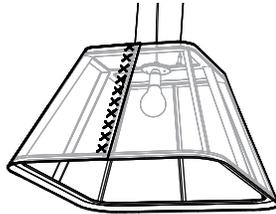
The Family

Models

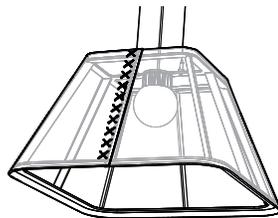
BuzziShade Square Medium

BuzziShade Square Beam

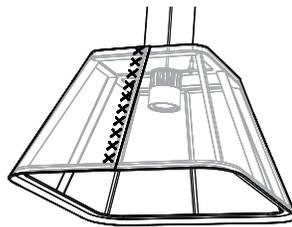
Retrofit E26
(bulb excluded)



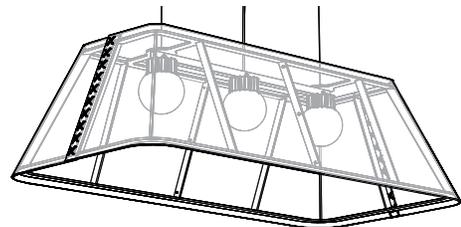
LED Solo Globe



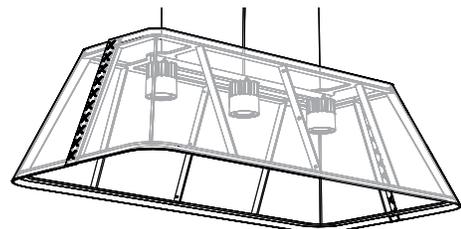
LED Solo Spot



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

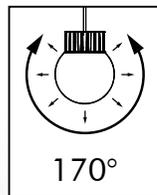
Retrofit Lighting unit



The BuzziShade Square Medium retrofit includes 1 x E26 fitting, BuzziShade Square Beam retrofit includes 3 x E26 fittings. Bulb excluded, Max 100W.

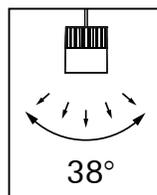
LED

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 | 110-120V | Wattage: Max. 100W | Color: Power Cable: Black Ceiling Canopy: Black | 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 3000K 3500K 4000K | 23 (Globe) | 1-10V | Power consumption: 19W Light output: 1500 Lm Efficacy: 79 Lm/W CRI: > 90 | Color: Power Cable: Black Ceiling Canopy: Black | 2 cables of 78.74" or 196.85" Alu or Black |
| | | | 12 (Spot) | 1-10V | Power consumption: 19W Light output: 1500 Lm Efficacy: 79 Lm/W CRI: > 90 | | |

Model: Beam

Lighting Options

Characteristics

Mounting

| Lighting Unit | Voltage Input | Technical | Visual | Options |
|---------------|---------------|-----------------------|---|-------------------------------------|
| Retrofit Trio | 110-120V | Wattage: 3x Max. 100W | Color: Power Cable: Black Ceiling Canopy: Black | 2 cables of 2 m or 5 m Alu or Black |

Lighting Options

Characteristics

Mounting

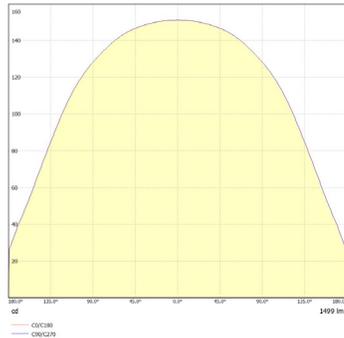
| Lighting Unit | Voltage Input | Color Temperature | UGR (Diffuser type) | Dimming | Technical | Visual | Options |
|---------------|---------------|----------------------------------|---------------------|---------|---|---|--|
| LED Trio | 100-240V/277V | 2700K 3000K 3500K 4000K | 23 (Globe) | 1-10V | Power consumption: 60W Light output: 3x1500 Lm Efficacy: 75 Lm/W CRI: > 90 | Color: Power Cable: Black Ceiling Canopy: Black | 2 cables of 78.74" or 196.85" Alu or Black |
| | | | 12 (Spot) | 1-10V | Power consumption: 60W Light output: 3x1500 Lm Efficacy: 75 Lm/W CRI: > 90 | | |



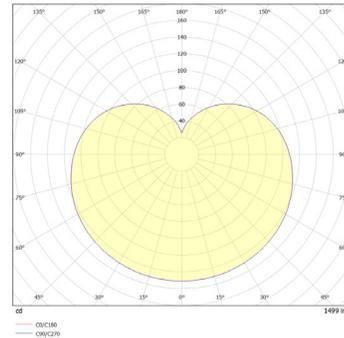
Photometric Data

BuzziShade Square Medium Solo LED

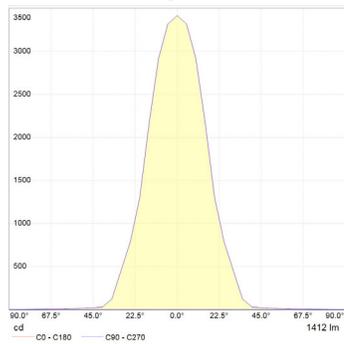
LED Solo Globe Cartesian diagram



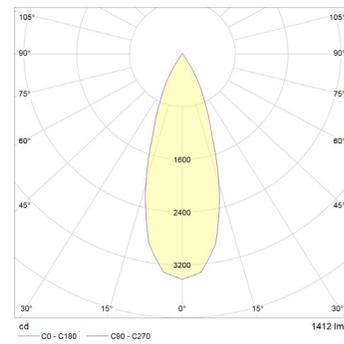
LED Solo Globe Polar curve



LED Solo Spot Cartesian diagram

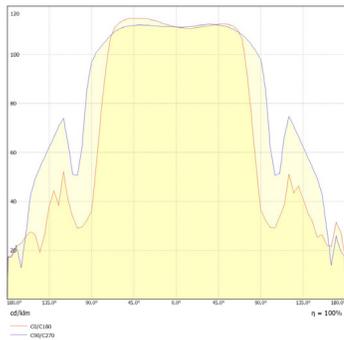


LED Solo Spot Polar curve

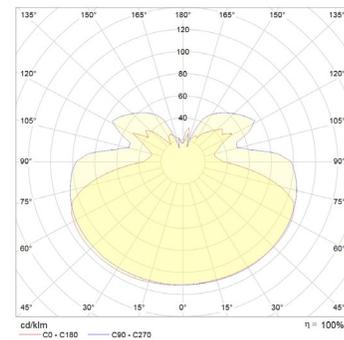


BuzziShade Square Beam Trio LED

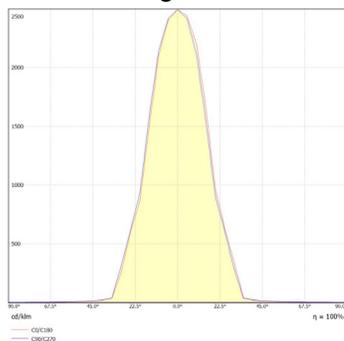
LED Trio Globe Cartesian diagram



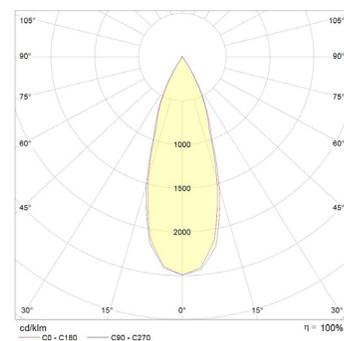
LED Trio Globe Polar curve



LED Trio Spot Cartesian diagram



LED Trio Spot Polar curve



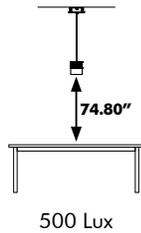
Tips and Tricks - Light Options

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

BuzziShade Square Medium Solo LED

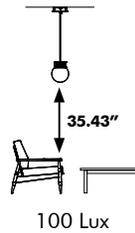
Solo Spot

Office,
Meeting room



Solo Globe

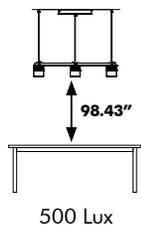
Office,
Meeting room



BuzziShade Square Beam Trio LED

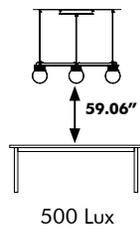
Trio Spot

Office,
Meeting room



Trio Globe

Office,
Meeting room

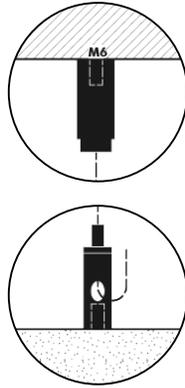
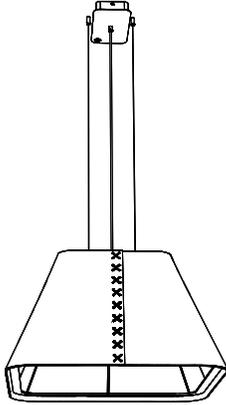


* According to EN12464

Product Data

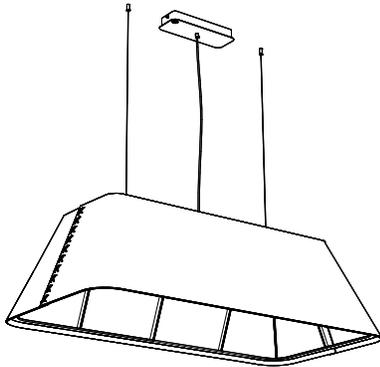
Fixing System

Fixing System Acoustic Panel



BuzziShade Square Medium is suspended on 2 cables of 78.74" or 196.85" black or alu colored cables, with fixing system screw.

Fixing System Lighting



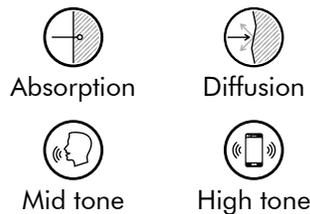
The light element of BuzziShade Square Beam is suspended independently from the acoustic panel with 2 cables of 78.74" or 196.85" black or alu colored cables, with fixing system screw.

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

Acoustic Panel



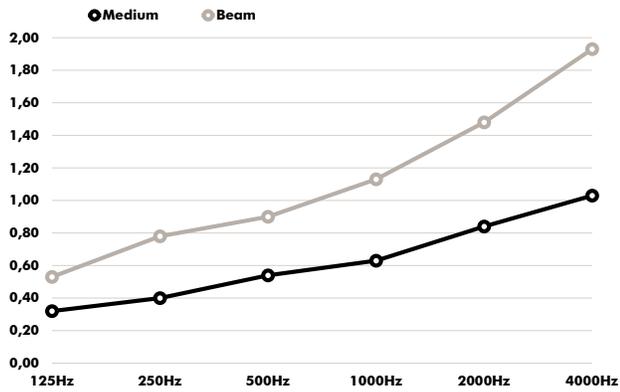
The acoustic panel consists of one layer of BuzziFelt with a lace in black, white or fluorescent orange.



Acoustics

BuzziShade Square

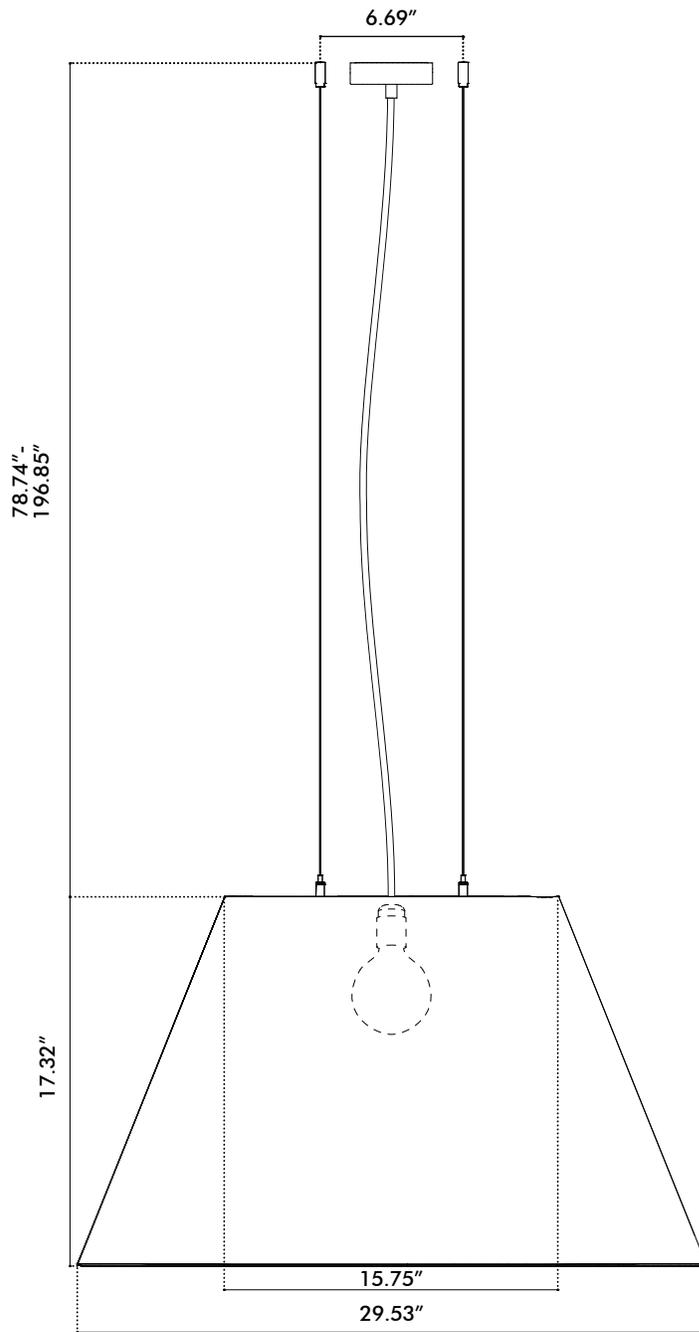
Equivalent sound absorption area in m² per object



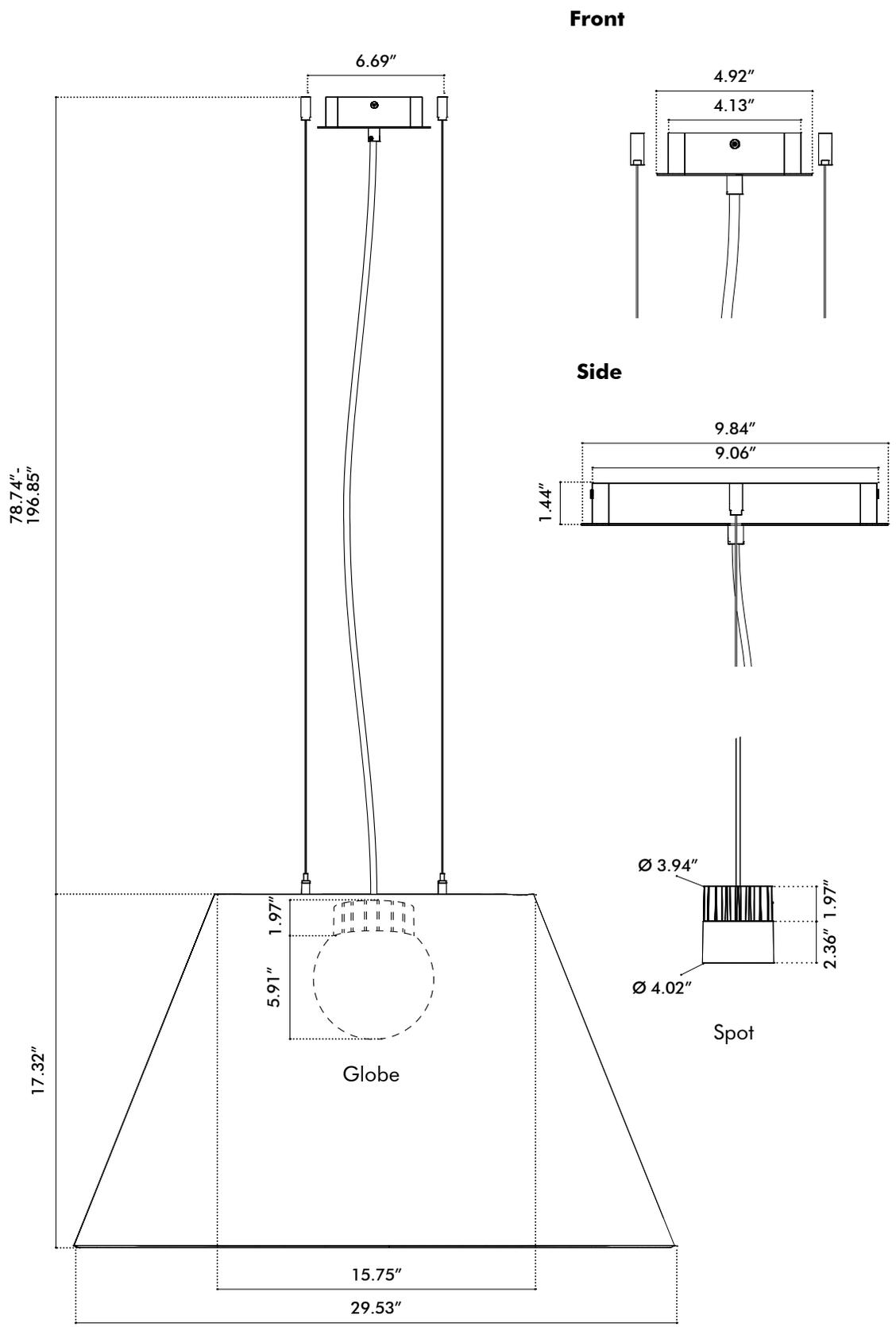
| Hz | Aeq/m ² Medium | Aeq/m ² Beam |
|------|------------------------------|----------------------------|
| 125 | 0,32 | 0,53 |
| 250 | 0,40 | 0,78 |
| 500 | 0,54 | 0,90 |
| 1000 | 0,63 | 1,13 |
| 2000 | 0,84 | 1,48 |
| 4000 | 1,03 | 1,93 |

Dimensions

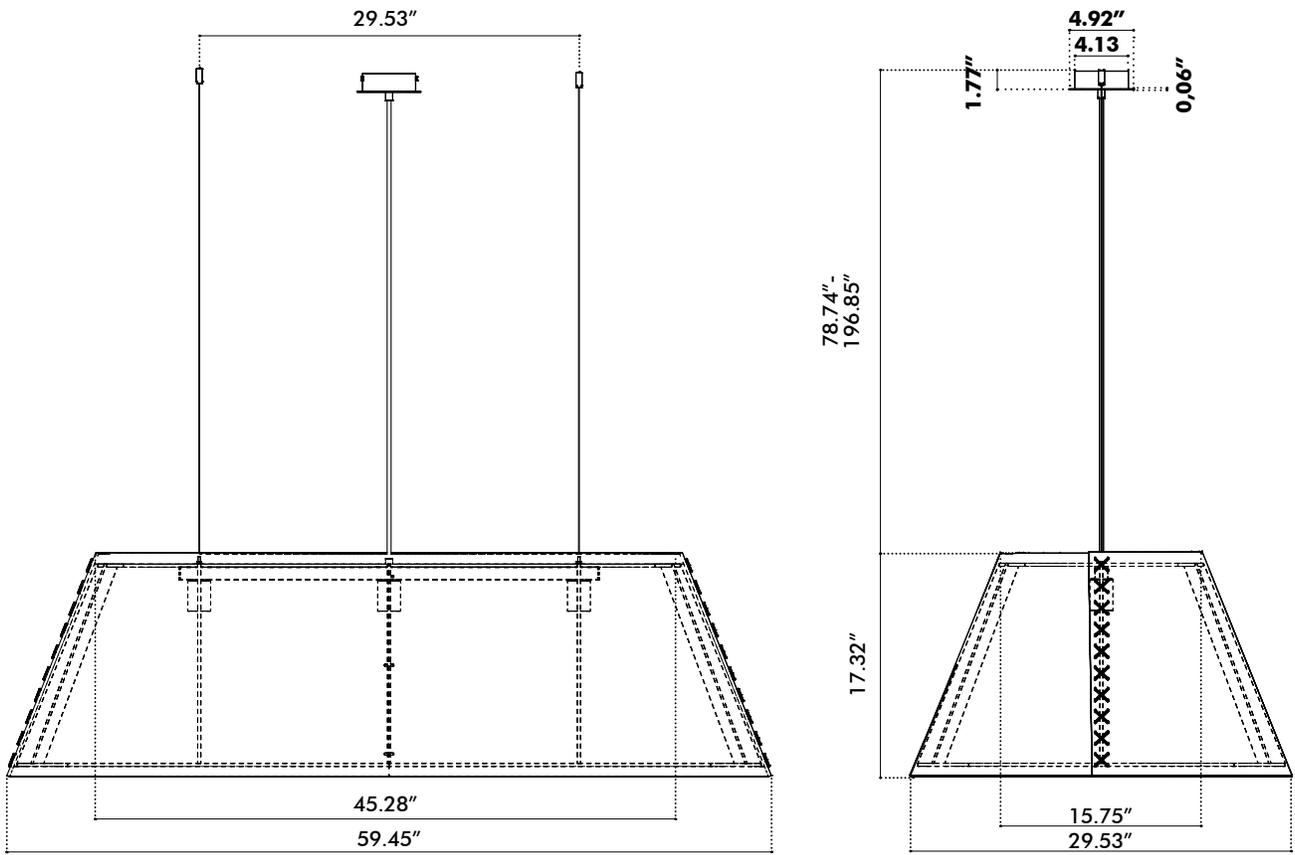
BuzziShade Square Medium Retrofit



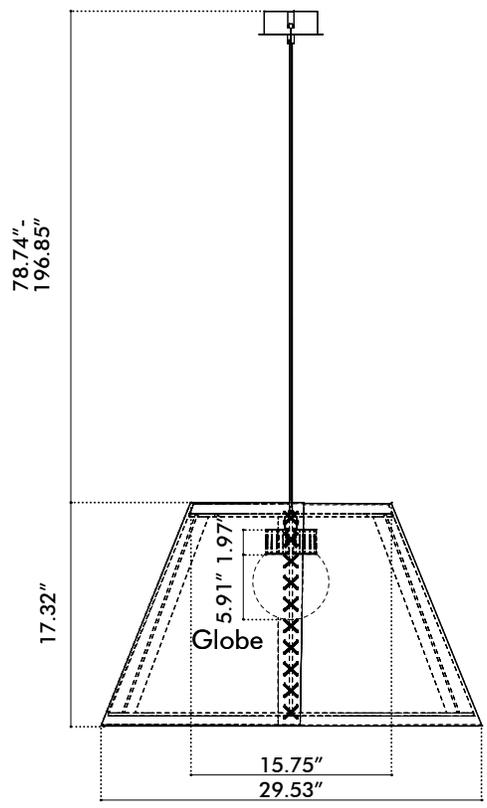
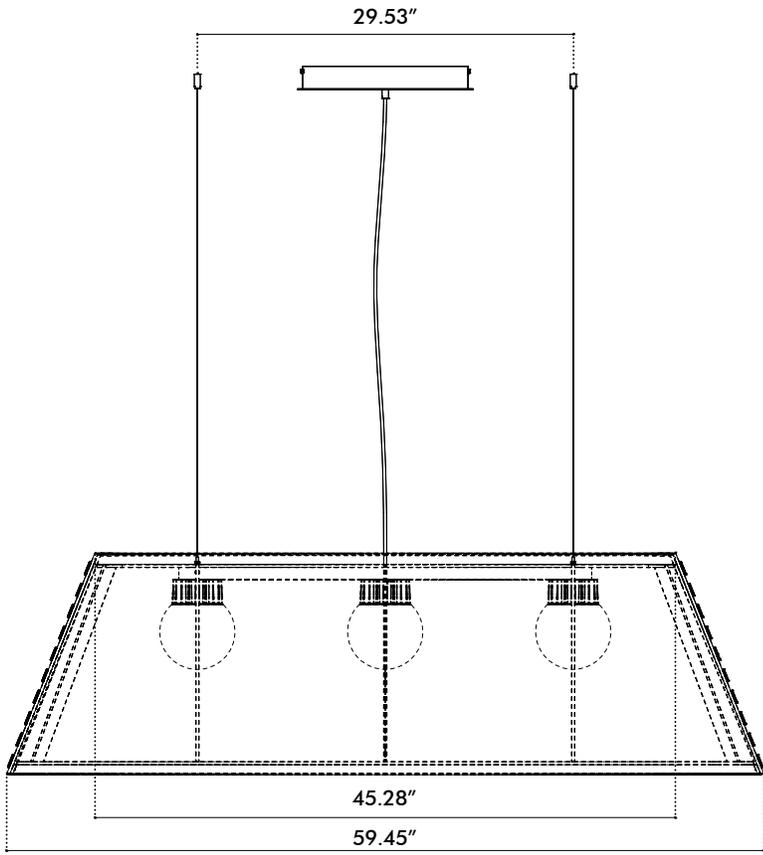
BuzziShade Square Medium Solo LED



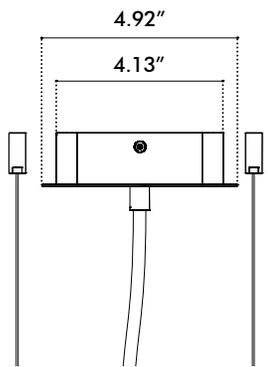
BuzziShade Square Beam Retrofit



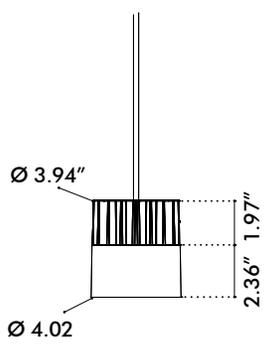
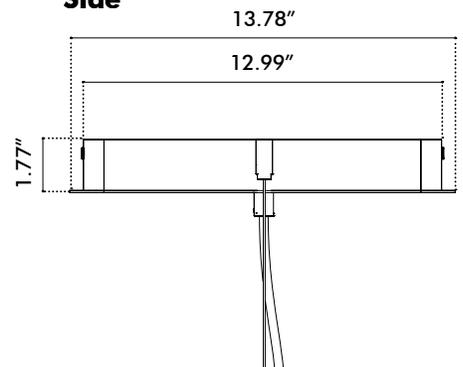
BuzziShade Square Beam Trio LED



Front



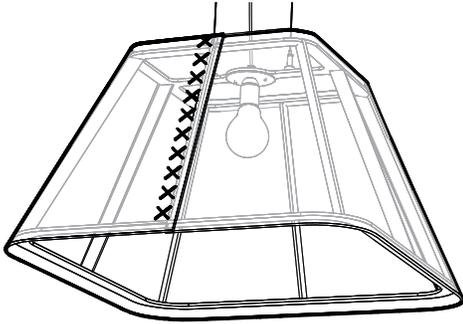
Side



Spot

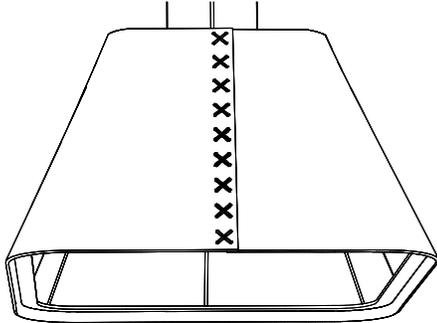
Weights

BuzziShade Square Medium Retrofit



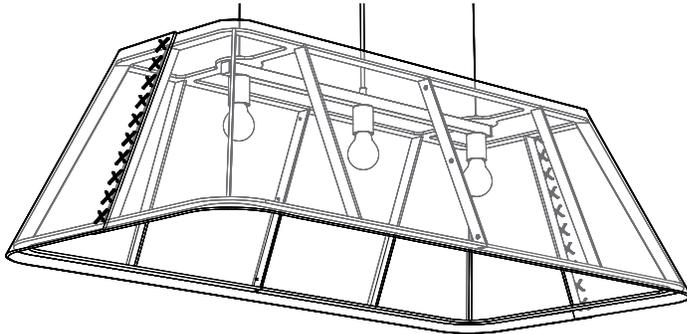
11.02 lbs

BuzziShade Square Medium Solo LED



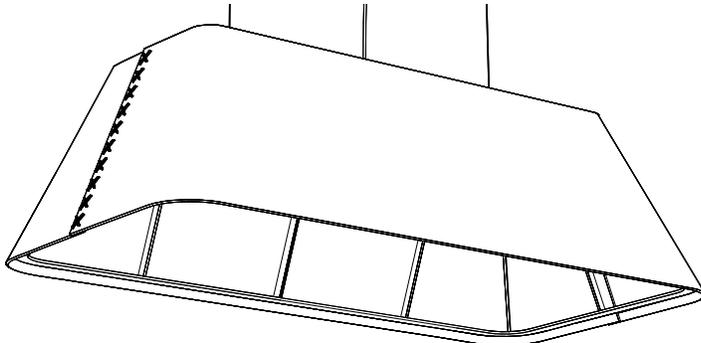
15.43 lbs

BuzziShade Square Beam Trio Retrofit



24.25 lbs

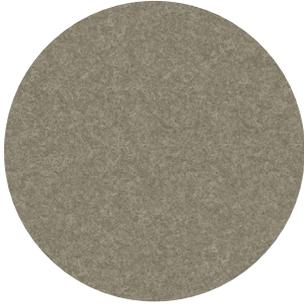
BuzziShade Square Beam Trio LED



28 lbs

Fabrics

Felt (15 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

Bottle, Mustard, Mint, Nude: USA: ASTM E85 Class C Certified

Fastness to light USA 5

