Product Specification Sheet

BuzziShade EU

— 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.

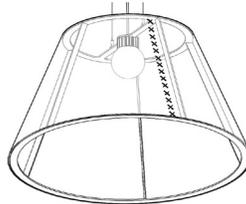# The Family

	BuzziShade M	BuzziShade L	BuzziShade XL	BuzziShade XXL
Retrofit E27 (bulb excluded)				
Sol Solo Globe				
Sol Solo Spot				
No Electrification				
LED Disk Ø 470				
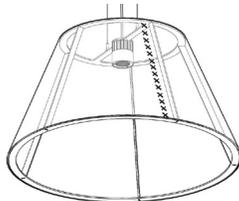
Lighting Units
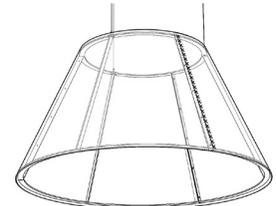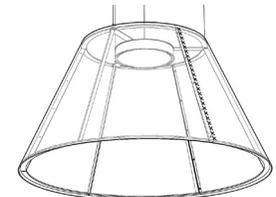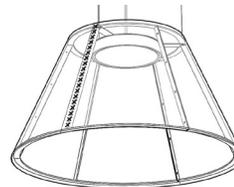
Required order information
1. Size
2. Light Option
3. Color Frame
4. BuzziFelt Color

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)
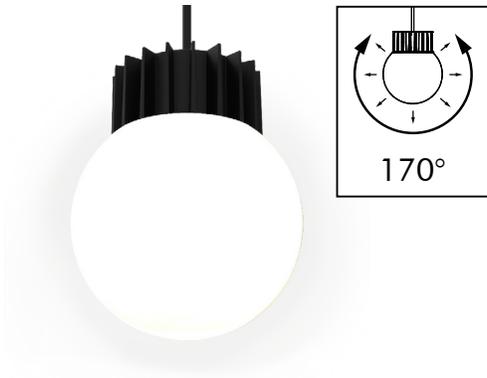
Lighting Data

Lighting Units

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

Retrofit E27 bulb excluded, Max 60W.

BuzziSol (only available for BuzziShade M | L)

Globe

170°

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

38°
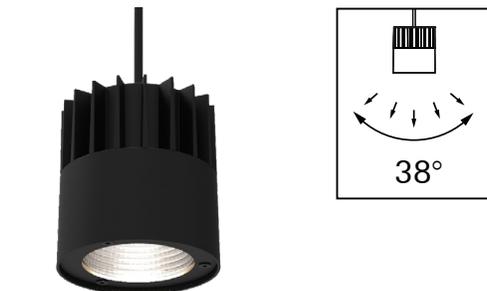
No Electrification (only available for BuzziShade XL | XXL)

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 diffusor 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.

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

BuzziShade

Model: Medium | Large

Lighting Options		Characteristics		Mounting
Lighting Unit	**Voltage Input**	**Technical**	**Visual**	**Options**
Retrofit E27 bulb excl.	220-240V	Wattage: Max. 60W	Color: Power Cable: Black, Red, Fluorescent Orange Ceiling Canopy: Black Metal Frame: Black, White, Fluorescent Orange Lace: Black, White, Fluorescent Orange	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 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 Metal Frame: Black, White, Fluorescent Orange Lace: Black, White, Fluorescent Orange		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: > 90			

Model: XL | XXL

Lighting Unit	Voltage Input	Color Temperature	UGR (Diffuser type)	Dimming	Technical	Visual	Options
LED Disk Ø 470	230V	3000K	22 (milky)	1-10V DALI	Power consumption: 29W Light output: 2545 Lm Efficacy: 88 Lm/W CRI: > 90	Color: Black ceiling canopy and black power cable | White ceiling canopy and white power cable Metal Frame: Black, White Lace: Black, White	3 cables of 2 m or 5 m Alu or Black
			19 (prismatic)*	1-10V	Power consumption: 29W Light output: 2545 Lm Efficacy: 88 Lm/W CRI: > 90		
		4000K	22 (milky)	1-10V DALI	Power consumption: 29W Light output: 2545 Lm Efficacy: 88 Lm/W CRI: > 90		

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

Photometric Data
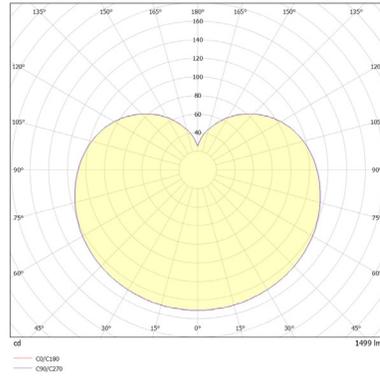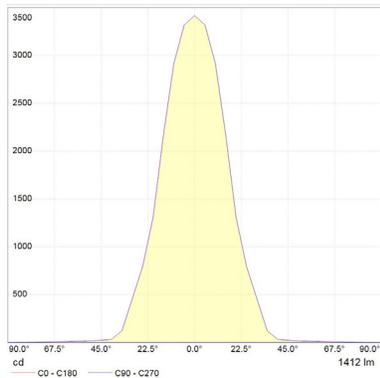
BuzziShade BuzziSol Solo
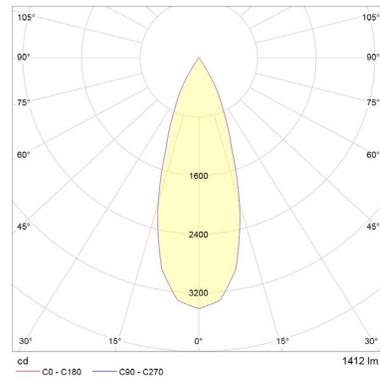
Sol Solo Globe Cartesian diagram
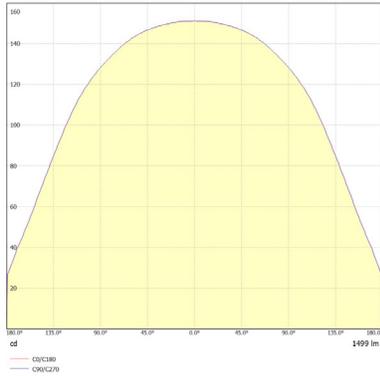
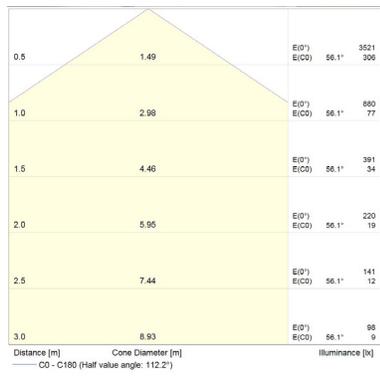**Sol Solo Globe Polar curve**

Sol Solo Spot Cartesian diagram

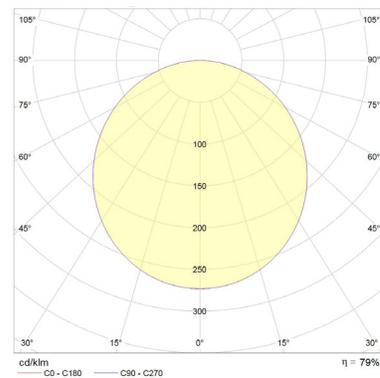**Sol Solo Spot Polar curve**

BuzziShade LED Disk Ø 470

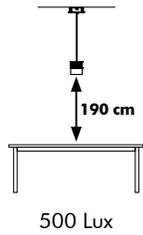**LED Disk Ø 470 Cartesian diagram**

LED Disk Ø 470 Polar curve

Tips and Tricks - Light Options

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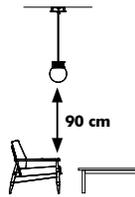
BuzziShade BuzziSol Solo

Solo Spot

Office,
Meeting room

190 cm
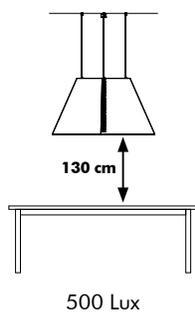
500 Lux

Solo Globe

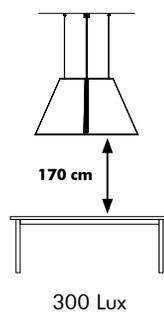Office,
Meeting room

90 cm

100 Lux

BuzziShade LED Disk Ø 470

Office,
Meeting room

130 cm

500 Lux

Reception desk, Lounge,
classroom
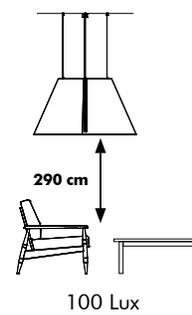
170 cm

300 Lux

Entrance Hal

210 cm
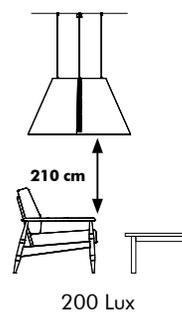
200 Lux

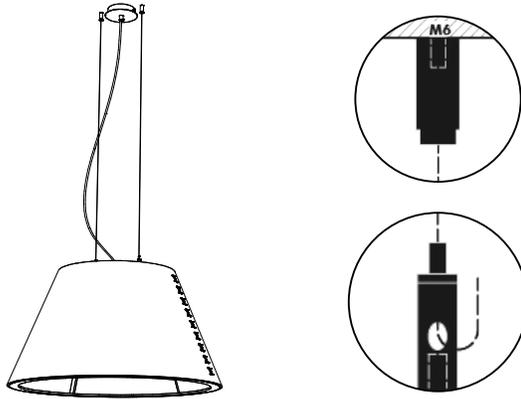Entrance Hall

290 cm

100 Lux

* According to EN12464

Product Data

Fixing System

Fixing System Acoustic Shade

BuzziShade M and L are suspended on 2 cables of 2 or 5 m black or alu colored cables, with fixing system screw.

BuzziShade XL and XXL are suspended on 3 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 Shade

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

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

BuzziShade XL I 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.
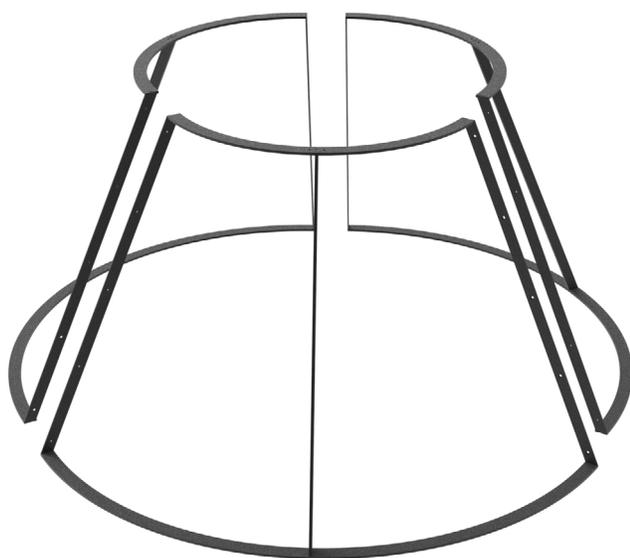
Absorption

Mid tone   High tone

Metal Frame

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

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

Canopy and power cable

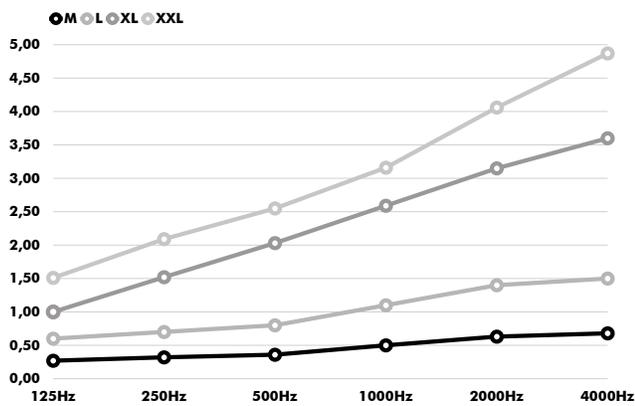Ceiling canopy and power cable are available in two finishes:

Black (RAL 9005) powder coated metal ceiling canopy with black fabric power cable

White* (RAL 9010) powder coated metal ceiling canopy with white fabric power cable
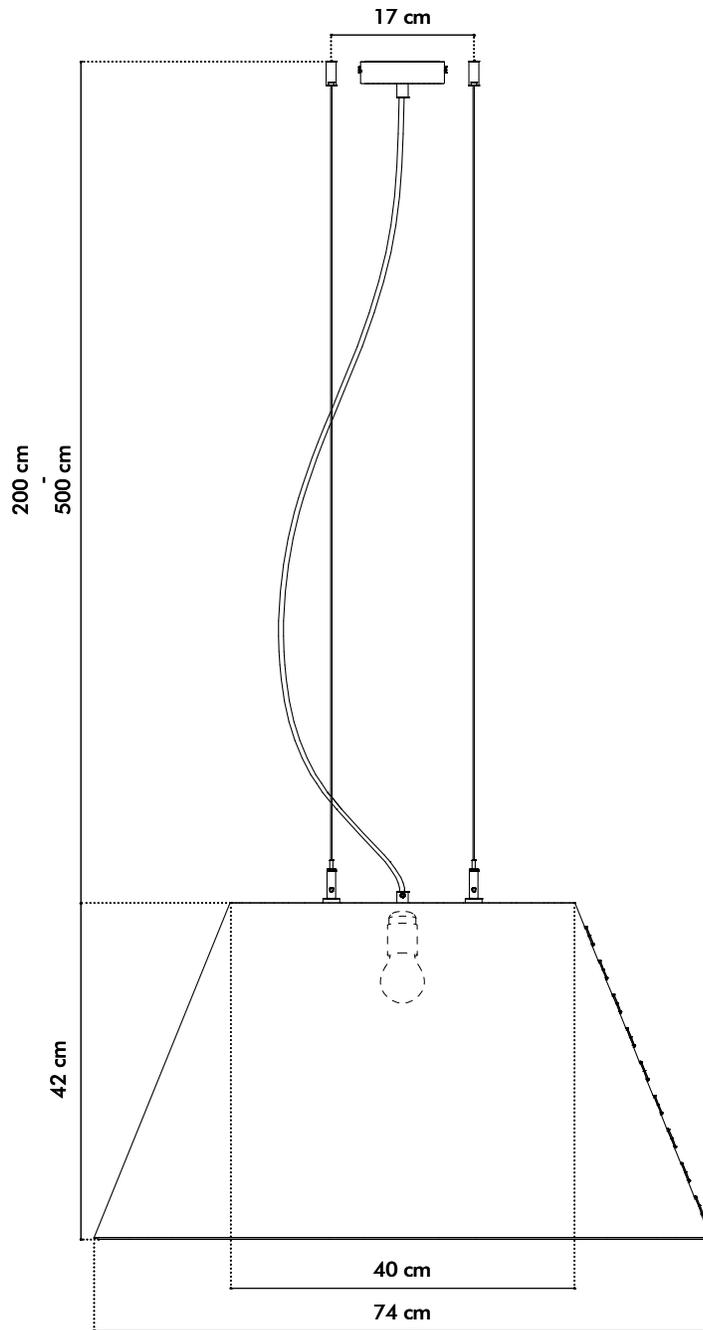
*Only for Shade XL and XXL

Acoustics

BuzziShade
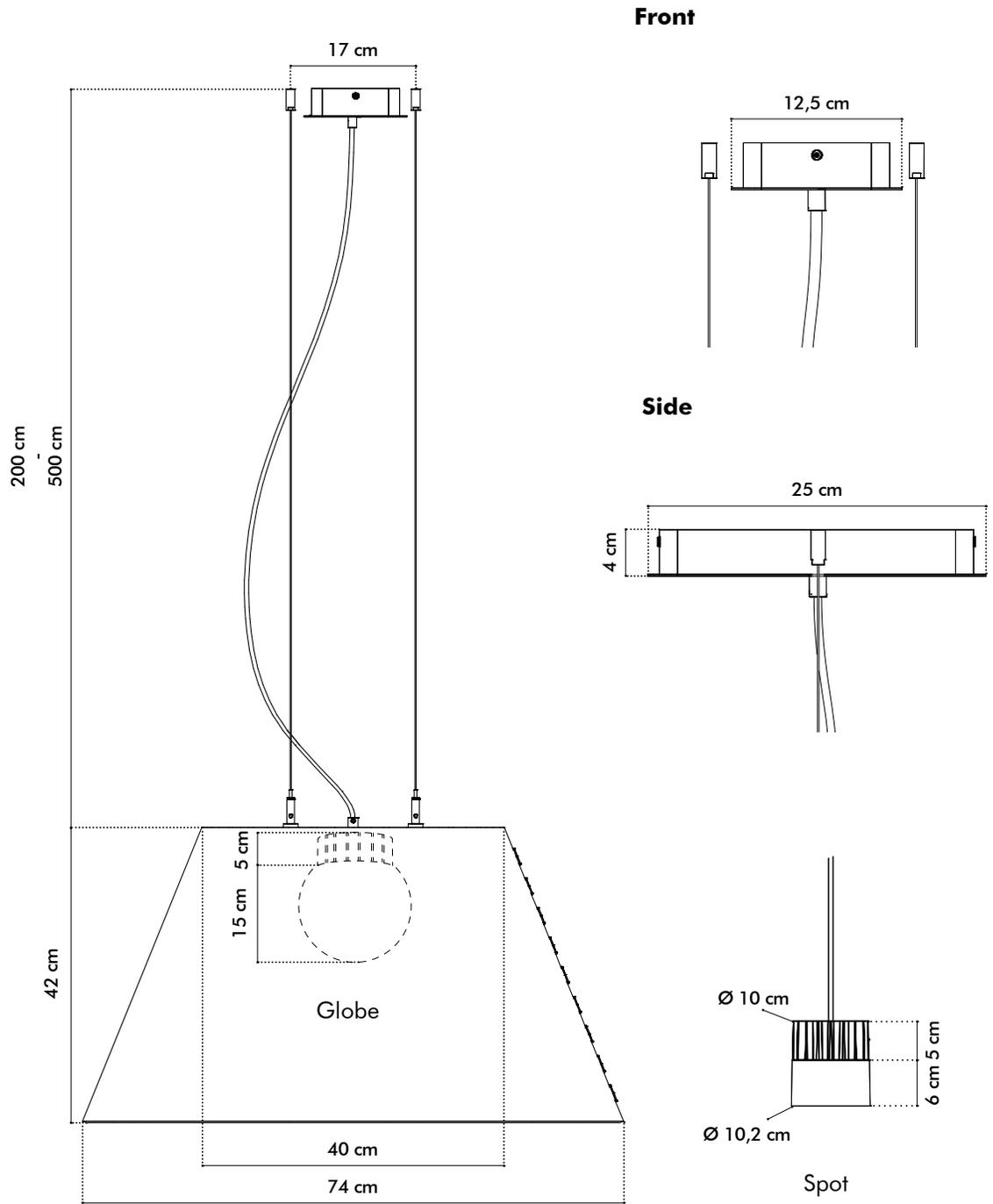**Equivalent sound absorption area in m² per object**

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

17 cm

200 cm
-
500 cm

42 cm

40 cm

74 cm

BuzziShade Pendant LED Medium

Front

Side

17 cm

12,5 cm

25 cm

200 cm - 500 cm

4 cm

42 cm

5 cm

15 cm

Globe

40 cm

74 cm

Ø 10 cm

6 cm 5 cm

Ø 10,2 cm

Spot

BuzziShade Pendant Large

30 cm

200 cm - 500 cm

62 cm

59 cm

112 cm

BuzziShade Pendant LED Large

30 cm

Front

12,5 cm

200 cm - 500 cm

Side

25 cm

4 cm

15 cm

5 cm

Globe

62 cm

59 cm

112 cm

Ø 10 cm

5 cm

6 cm

Ø 10,2 cm

Spot

BuzziShade XL

66 cm

12,5 cm

3,7 cm

200 - 500 cm

84 cm

75 cm

153 cm

BuzziShade XXL

83 cm

12,5 cm

3,7 cm

200 - 500 cm

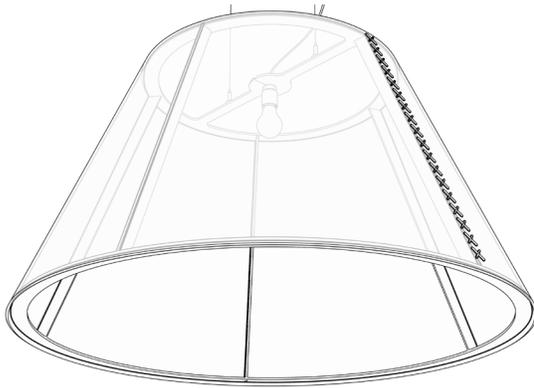104 cm

95 cm

193 cm
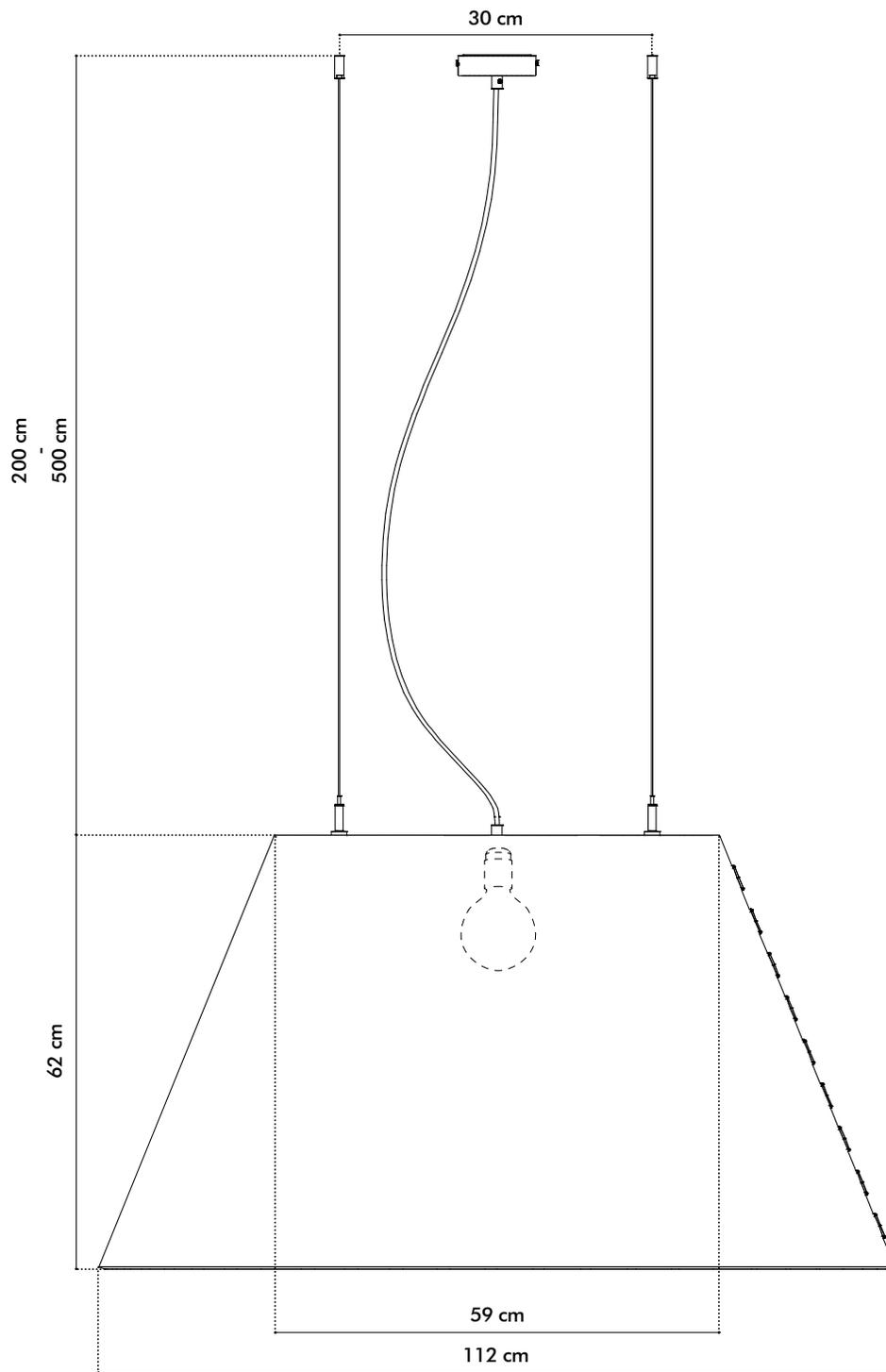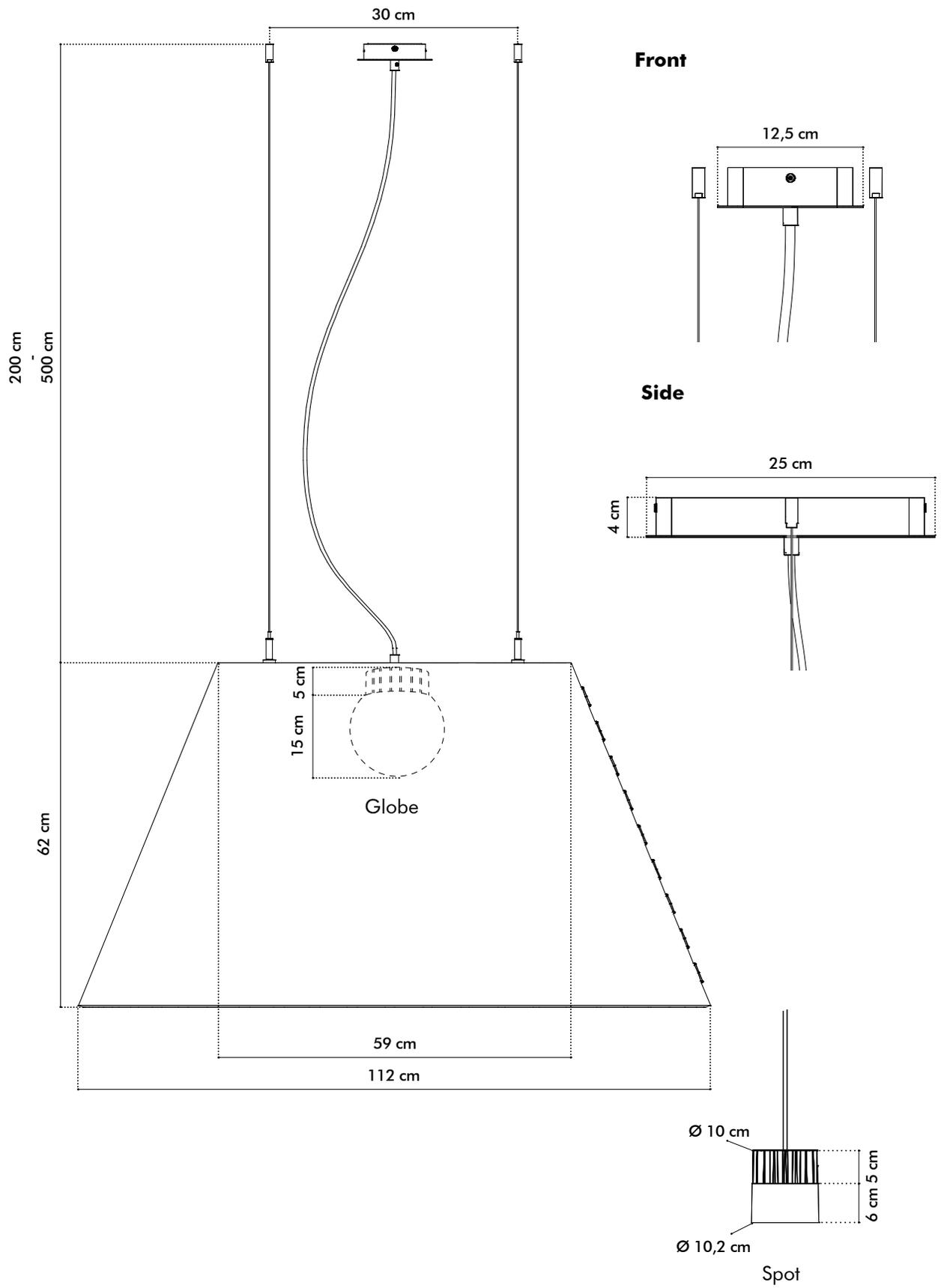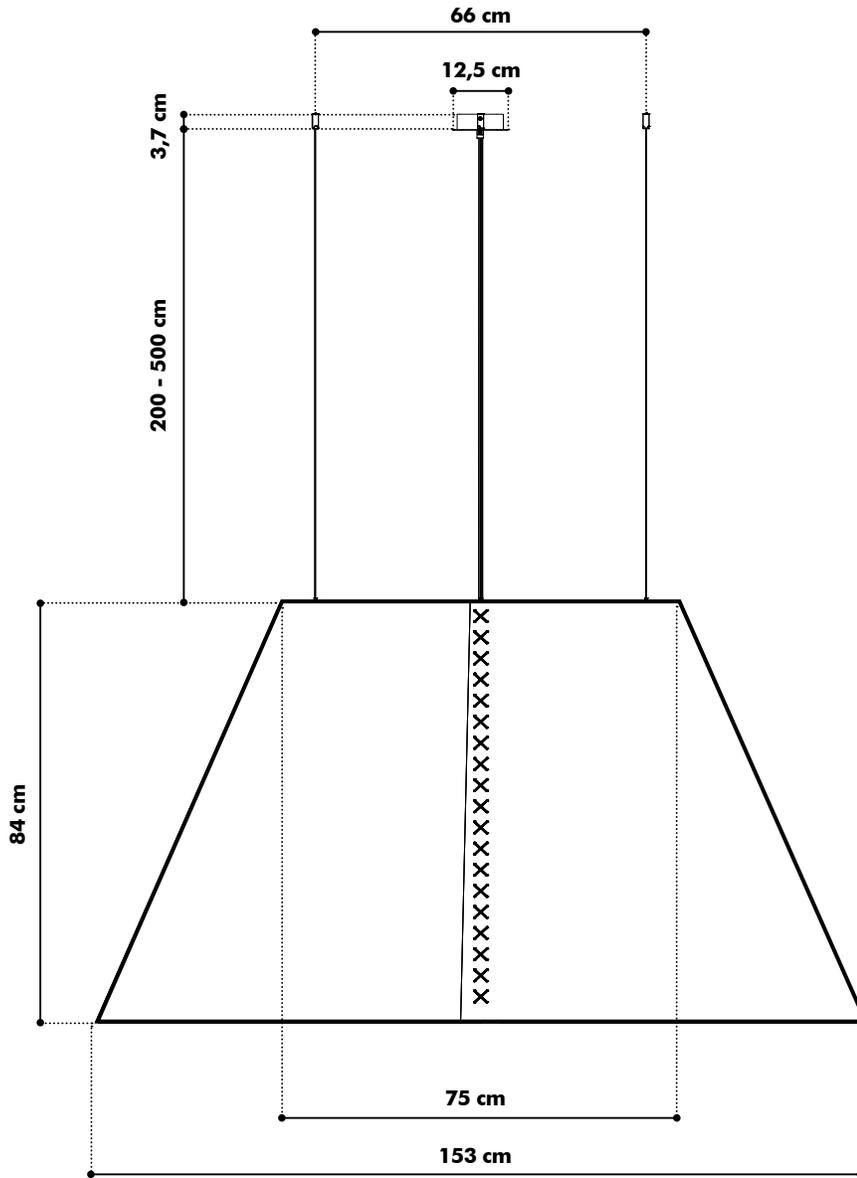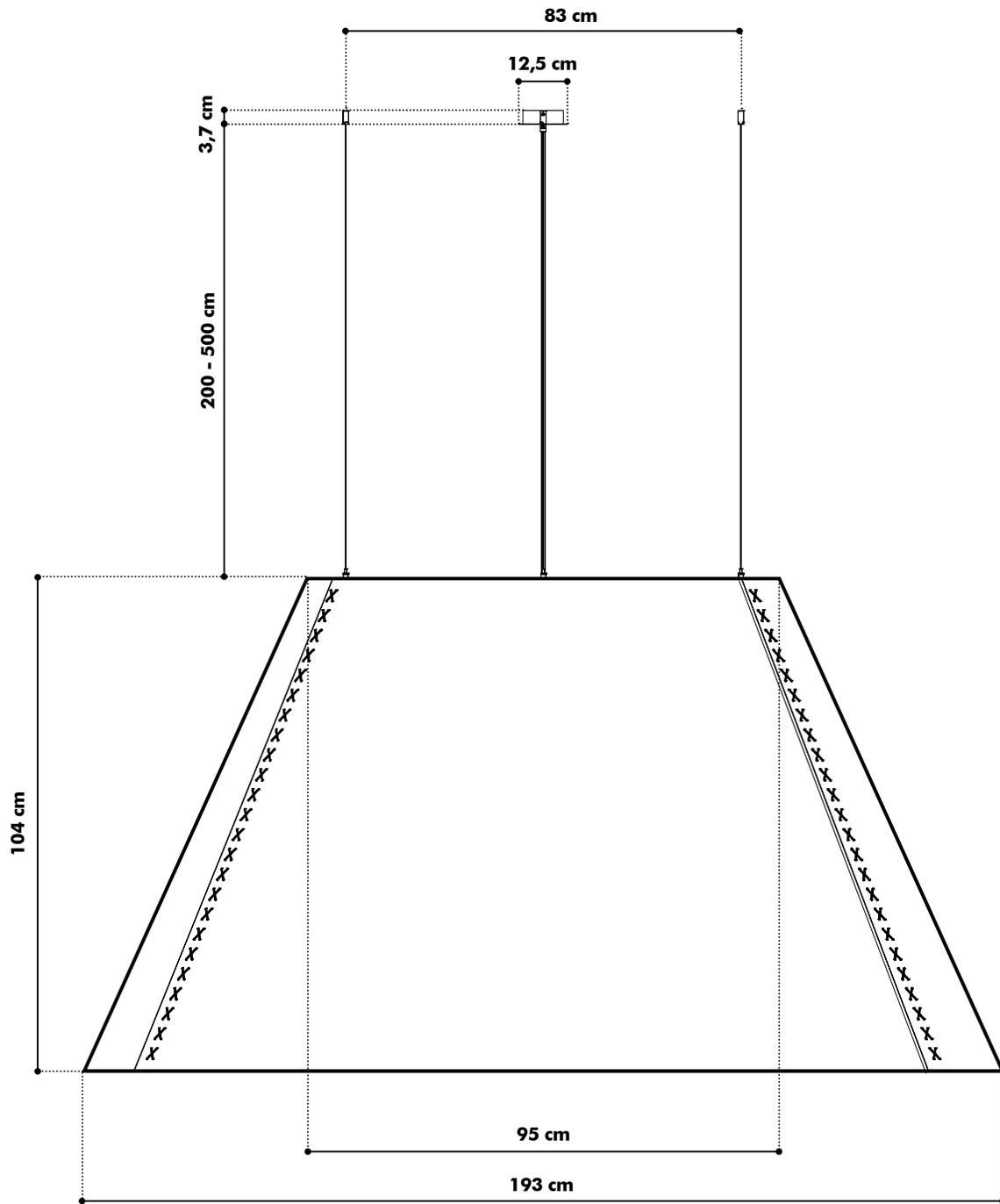
Weights

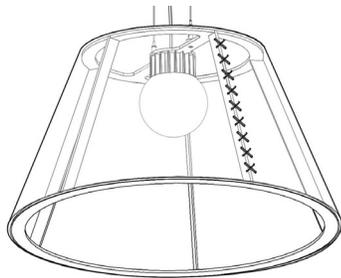**BuzziShade M Retrofit**
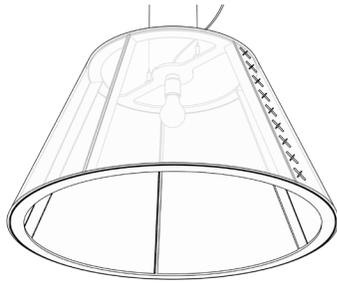
⚖ 4 kg

BuzziShade L Retrofit

⚖ 8 kg

BuzziShade M BuzziSol

⚖ 6 kg

BuzziShade L BuzziSol
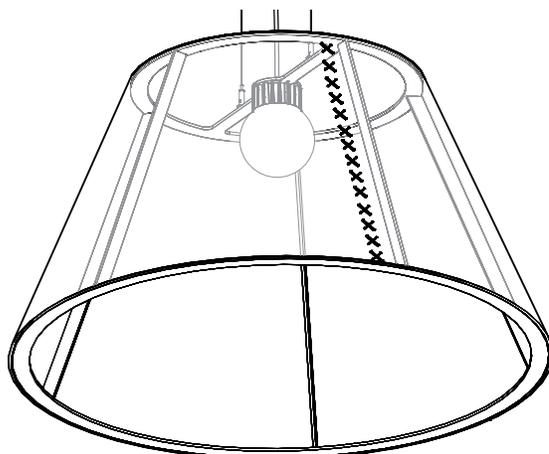
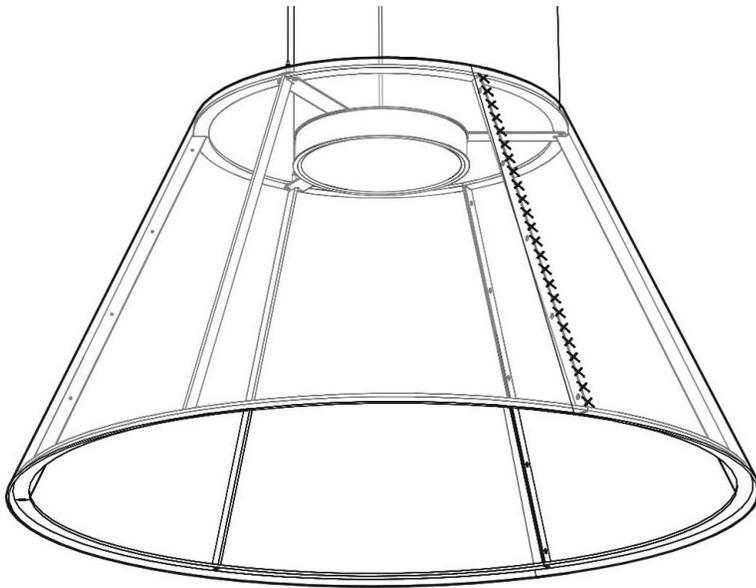⚖ 10 kg

BuzziShade XL
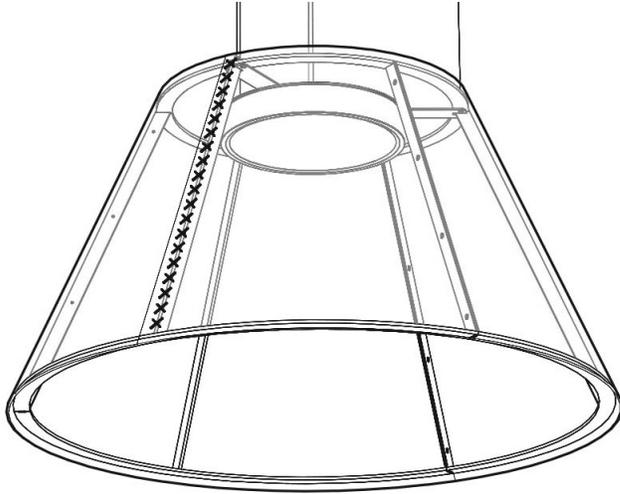
⚖ 21,2 kg
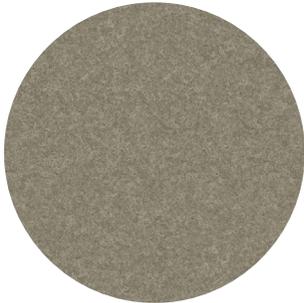

BuzziShade XXL

⚖ 25,7 kg

Fabrics

Felt (15 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
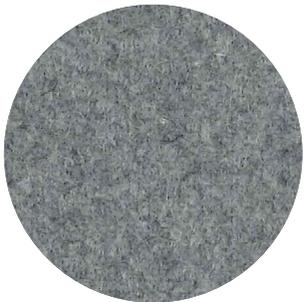   USA: ASTM E84 Class A certified
                Bottle, Mustard, Mint, Nude: USA: ASTM E85 Class C Certified
Fastness to light USA 5

Fabric (45 colors)

Category A
Composition 70% Recycled Wool, 25% Recycled Polyacryl,
                5% Recycled Other Fabrics
Weight 405 g/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