



## Product Specification Sheet

### BuzziShield Light 220-240V

— By BuzziSpace Studio

#### A voluminous powerhouse

BuzziShield Light is our first linear lighting solution that is fully integrated into an upholstered core. BuzziShield Light elegantly combines the acoustic capabilities of a voluminous body with the addition of functional light, making this acoustic powerhouse suited for any workspace and Hubs for Togetherness setting. And with six different sizes, you can easily absorb excessive noise in style.



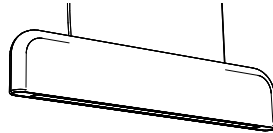
# The Family

## Lighting Units

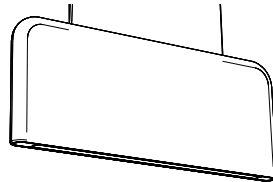
### LED Line 85

### LED Line 125

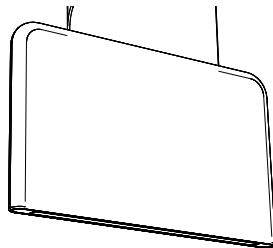
**BuzziShield Light**  
**Medium H 20 cm**



**BuzziShield Light**  
**Medium H 40 cm**

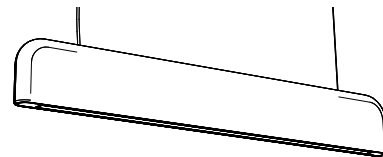


**BuzziShield Light**  
**Medium H 60 cm**

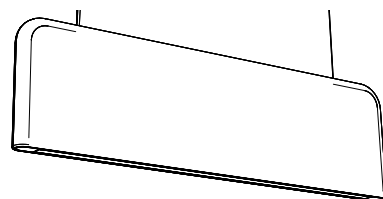


**Models**

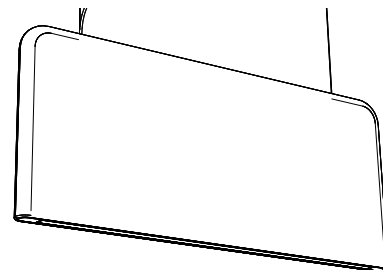
**BuzziShield Light**  
**Large H 20 cm**



**BuzziShield Light**  
**Large H 40 cm**



**BuzziShield Light**  
**Large H 60 cm**



Required order information

1. Size
2. Height
2. Fabric (CAT -> Collection -> Color)
3. Mounting Option

# Lighting Data

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## Lighting Unit



The LED Line has a thin aluminum profile finished in fine textured white powder coating (RAL 9010).

The white milky diffuser creates a diffuse light surface.

The LED line is available in two sizes: LED Line 85 and LED Line 125.

# Lighting specifications

## BuzziShield Light 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 | Fabric Collection     | Fabric Color          | Mounting Option                            |
|---------------|------------|---------|------------------------|-----------------|-----|---------|-------------------|-----|------------------------------------|-------------------|----------------------|-----------------------|-----------------------|--------------------------------------------|
| Led Line 85   | 220 - 240V | 12W     | 960 Lm                 | 80              | 90  | 0-10V   | 3000K             | 22  | Standard                           | Black             | Black                | Use color codes below | Use color codes below | 2 cables of 2 m Alu<br>2 cables of 5 m Alu |
| Led Line 85   | 220 - 240V | 12W     | 960 Lm                 | 80              | 90  | DALI    | 3000K             | 22  | On Request                         | Black             | Black                |                       |                       |                                            |

## BuzziShield Light Large

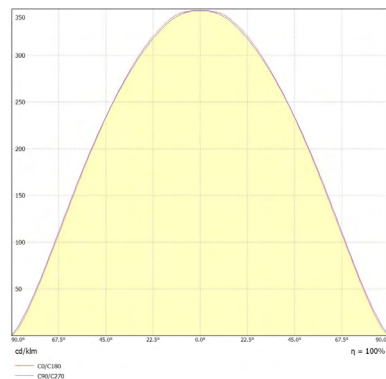
| Lighting Unit | Voltage    | Wattage | Light Output Luminaire | Efficacy (Lm/W) | CRI | Dimming | Color Temperature | UGR | Standard (stock) On request (> LT) | Color Power Cable | Color Ceiling Canopy | Fabric Collection     | Fabric Color          | Mounting Option                            |
|---------------|------------|---------|------------------------|-----------------|-----|---------|-------------------|-----|------------------------------------|-------------------|----------------------|-----------------------|-----------------------|--------------------------------------------|
| Led Line 125  | 220 - 240V | 17,5W   | 1400 Lm                | 80              | 90  | 0-10V   | 3000K             | 22  | Standard                           | Black             | Black                | Use color codes below | Use color codes below | 2 cables of 2 m Alu<br>2 cables of 5 m Alu |
| Led Line 125  | 220 - 240V | 17,5W   | 1400 Lm                | 80              | 90  | DALI    | 3000K             | 22  | On Request                         | Black             | Black                |                       |                       |                                            |

CE CB

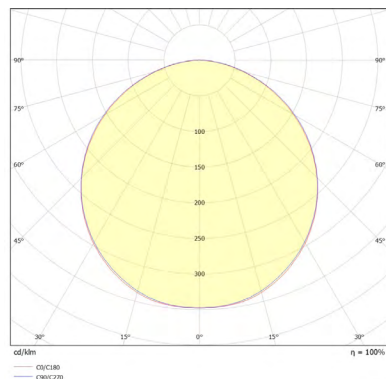
# Photometric Data

## BuzziShield Light Medium LED Line 85

Cartesian diagram

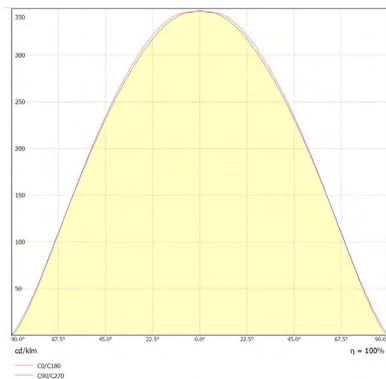


Polar curve

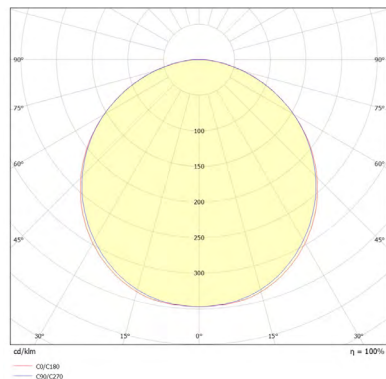


## BuzziShield Light Large LED Line 125

Cartesian diagram



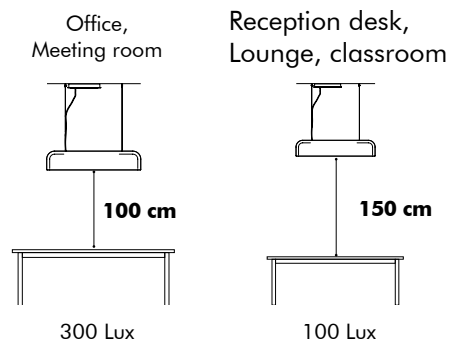
Polar curve



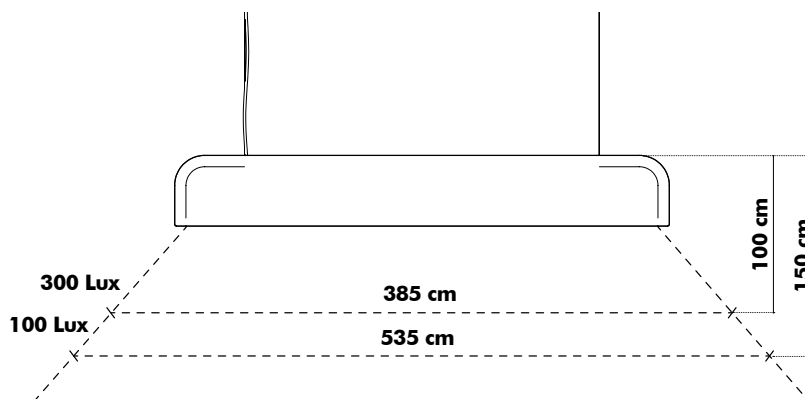
## Tips and Tricks - Light Options

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

### BuzziShield Light Medium



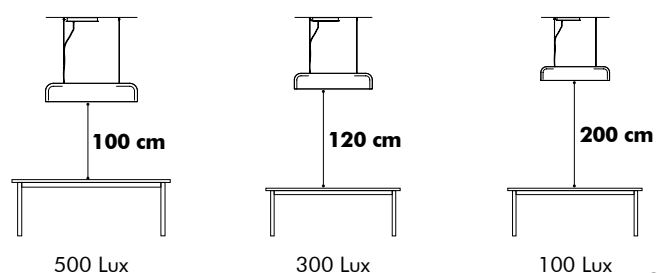
\* According to EN12464



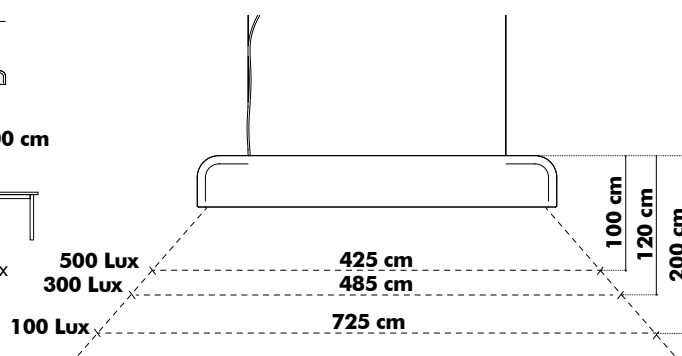
### BuzziShield Light Large

Office, meeting  
room

Reception desk, Lounge, classroom



\* According to EN12464

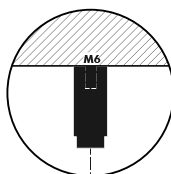
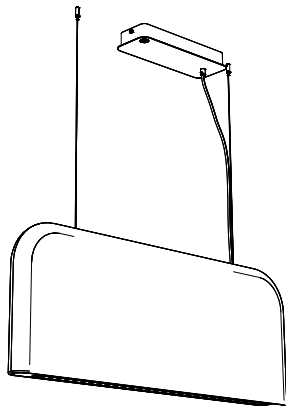


# Product Data

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## Fixing System

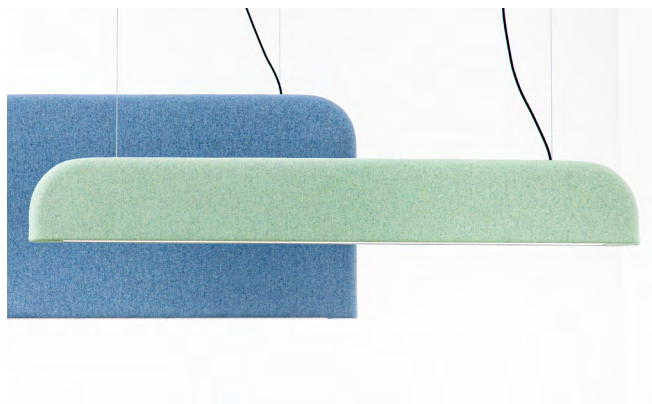
### Fixing System Acoustic Panel



BuzziShield Light is suspended on 2 alu colored cables of 2 or 5 m, with fixing system screw.

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

## Acoustic Panel



The acoustic panel is upholstered front to back in a chosen fabric.



Absorption



Diffusion



Attenuation



Low tone



Mid tone

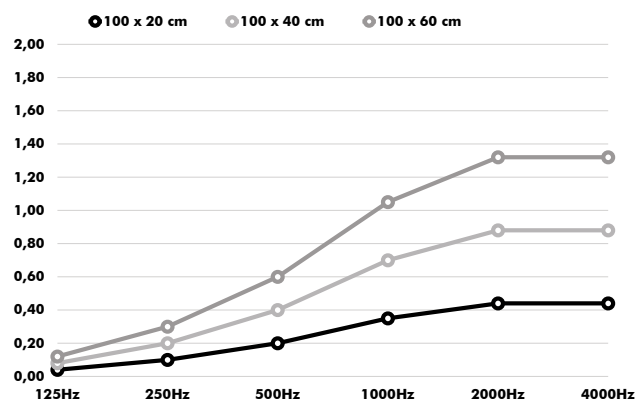


High tone

# Acoustics

## BuzziShield Light Medium

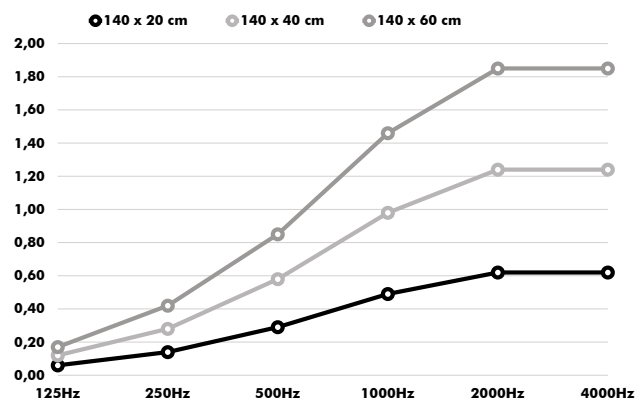
Equivalent sound absorption area in m<sup>2</sup> per object



| Hz   | 100 x 20 cm Aeq/m² | 100 x 40 cm Aeq/m² | 100 x 60 cm Aeq/m² |
|------|--------------------|--------------------|--------------------|
| 125  | 0.04               | 0.08               | 0.12               |
| 250  | 0.10               | 0.20               | 0.30               |
| 500  | 0.20               | 0.40               | 0.60               |
| 1000 | 0.35               | 0.70               | 1.05               |
| 2000 | 0.44               | 0.88               | 1.32               |
| 4000 | 0.44               | 0.88               | 1.32               |

## BuzziShield Light Large

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

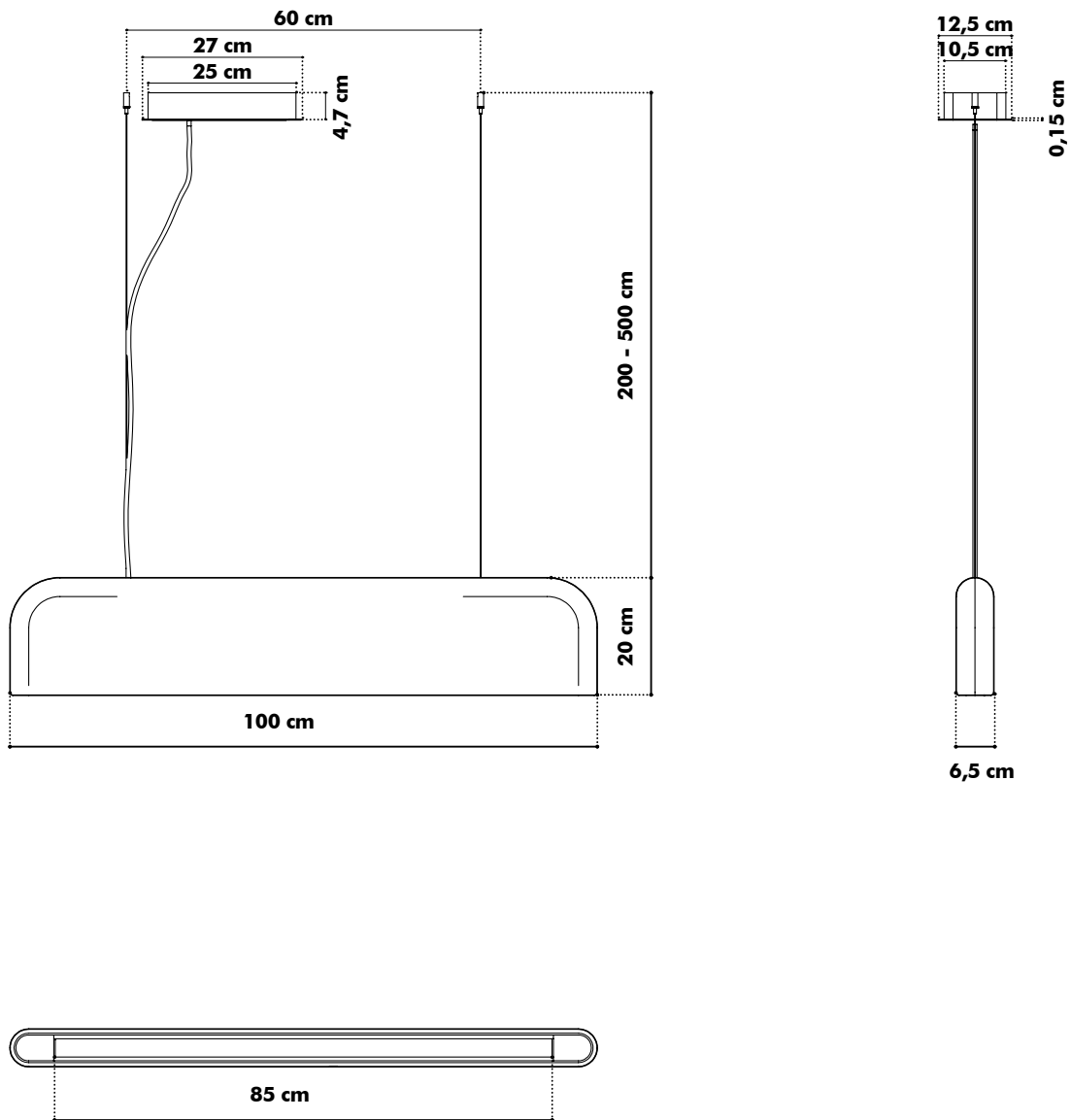


| Hz   | 140 x 20 cm Aeq/m² | 140 x 40 cm Aeq/m² | 140 x 60 cm Aeq/m² |
|------|--------------------|--------------------|--------------------|
| 125  | 0.06               | 0.12               | 0.17               |
| 250  | 0.14               | 0.28               | 0.42               |
| 500  | 0.29               | 0.58               | 0.85               |
| 1000 | 0.49               | 0.98               | 1.46               |
| 2000 | 0.62               | 1.24               | 1.85               |
| 4000 | 0.62               | 1.24               | 1.85               |

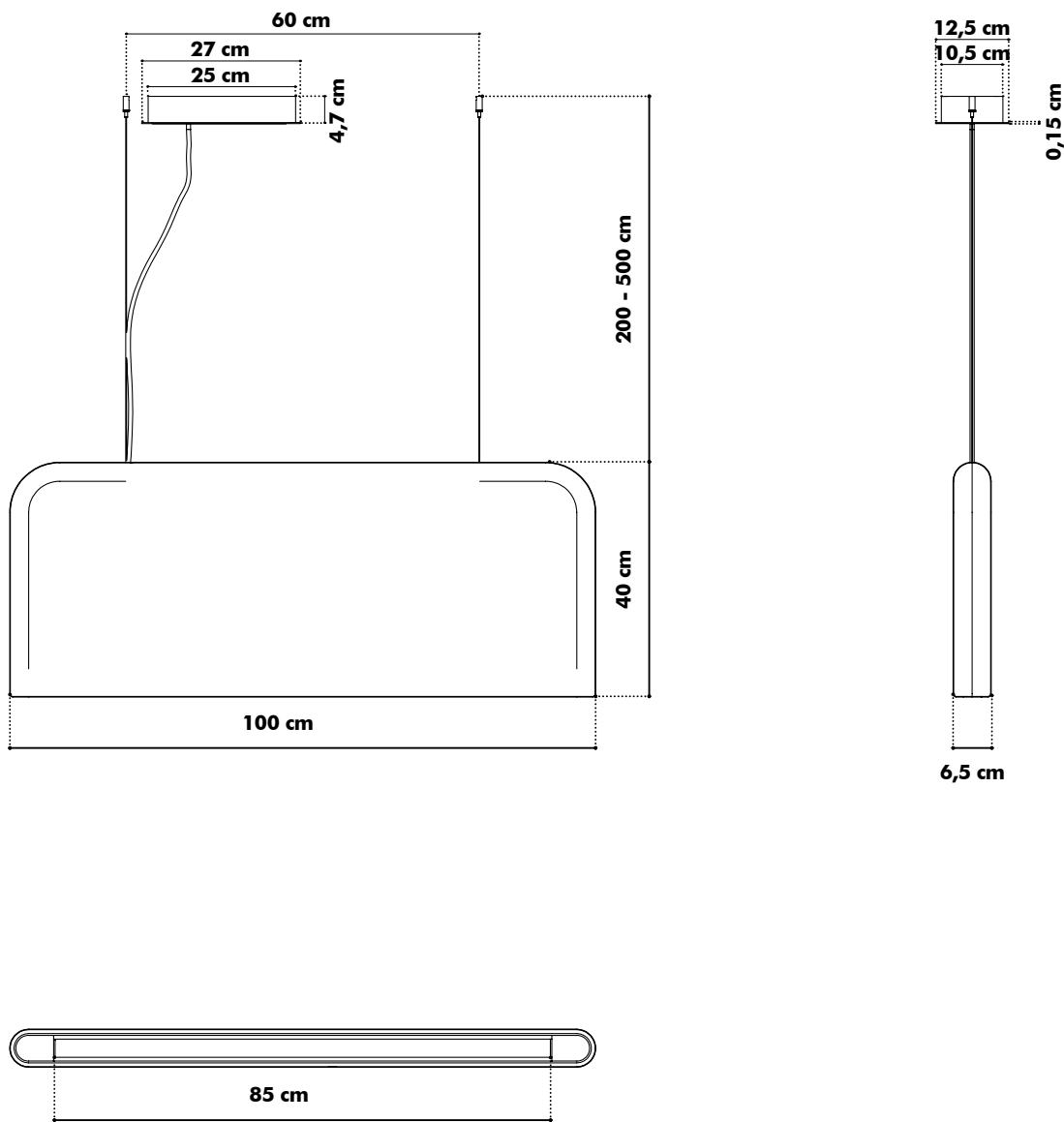
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## Dimensions

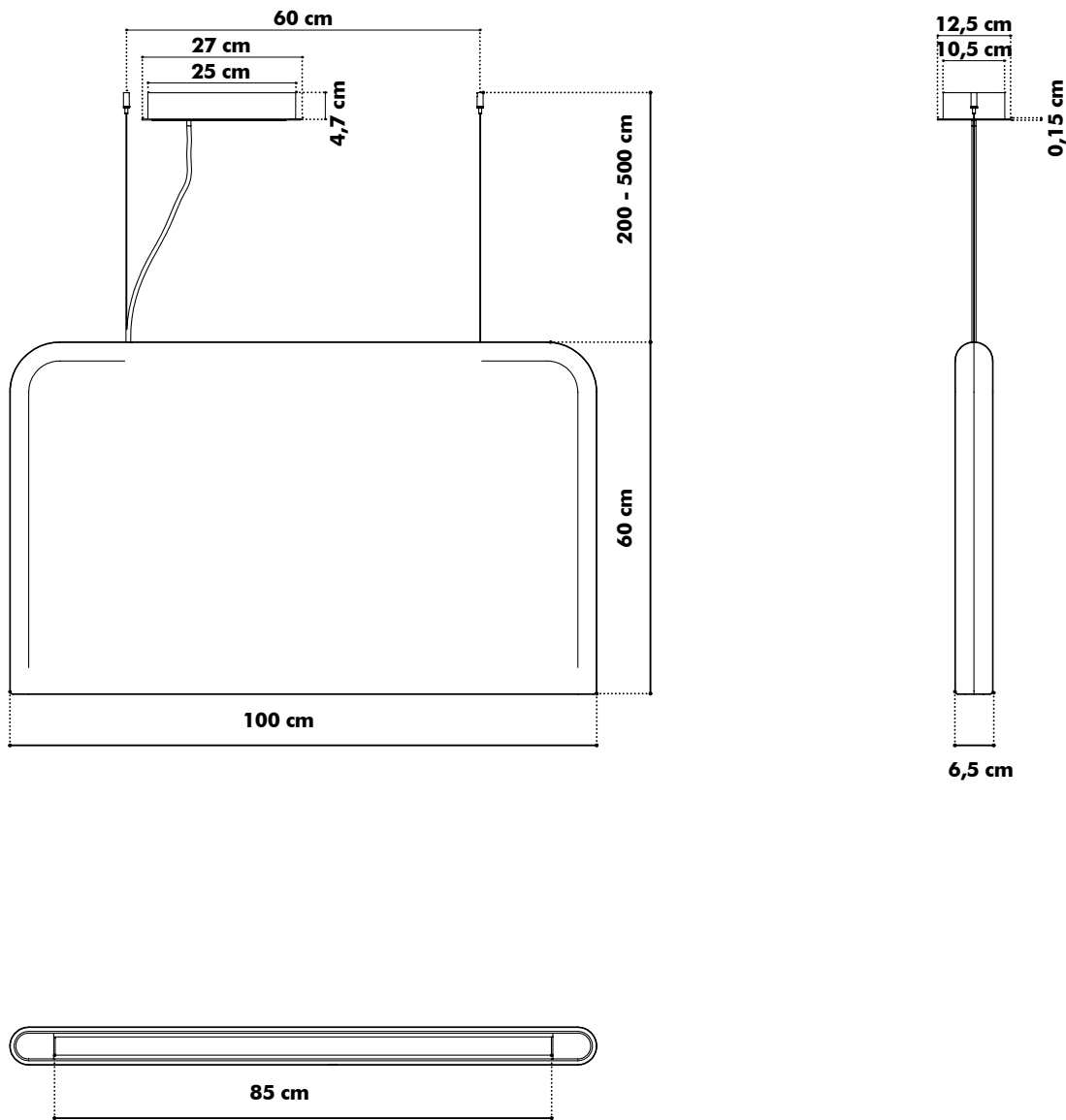
**BuzziShield Light Medium** Height: 20 cm



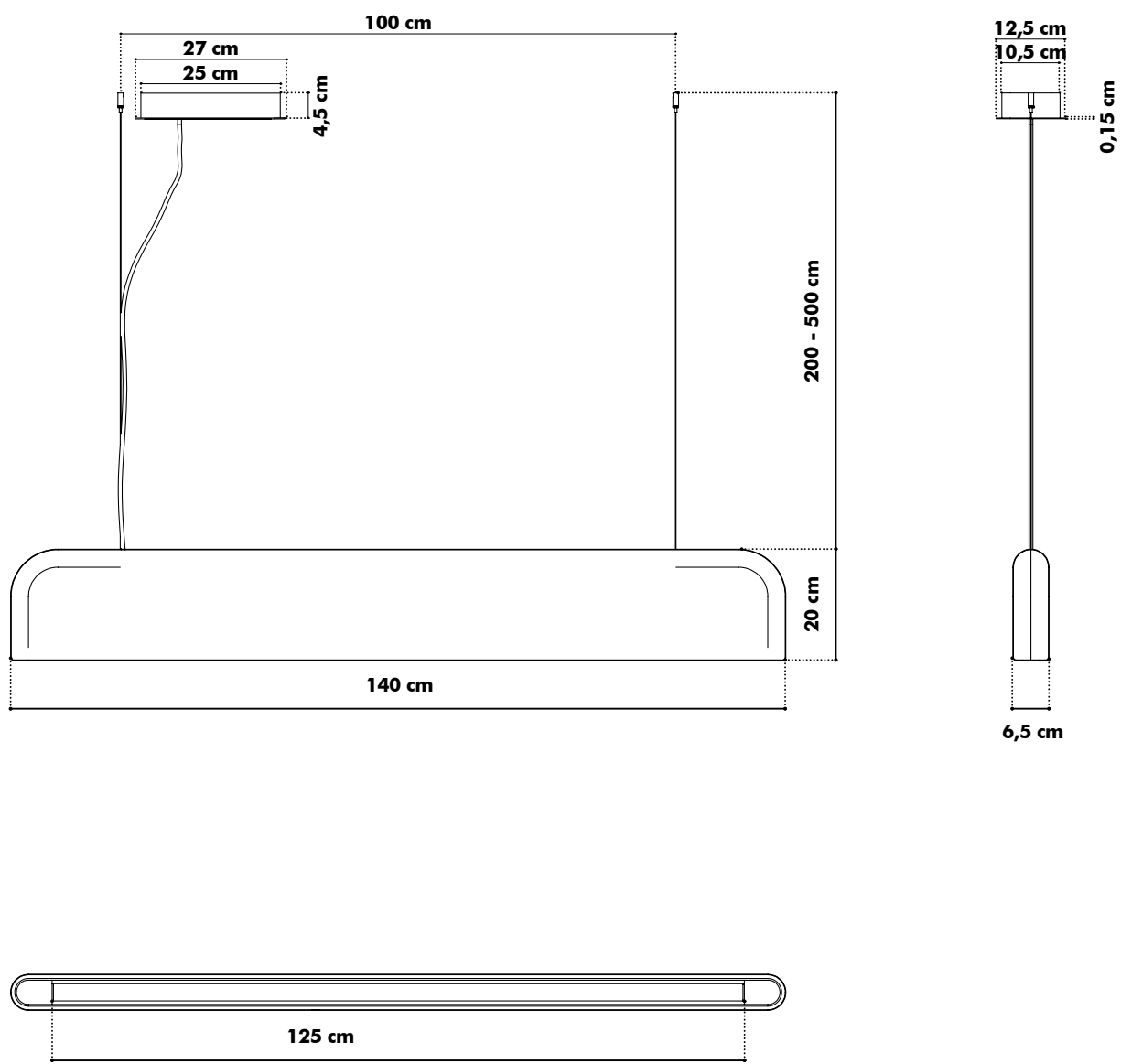
**BuzziShield Light Medium Height: 40 cm**



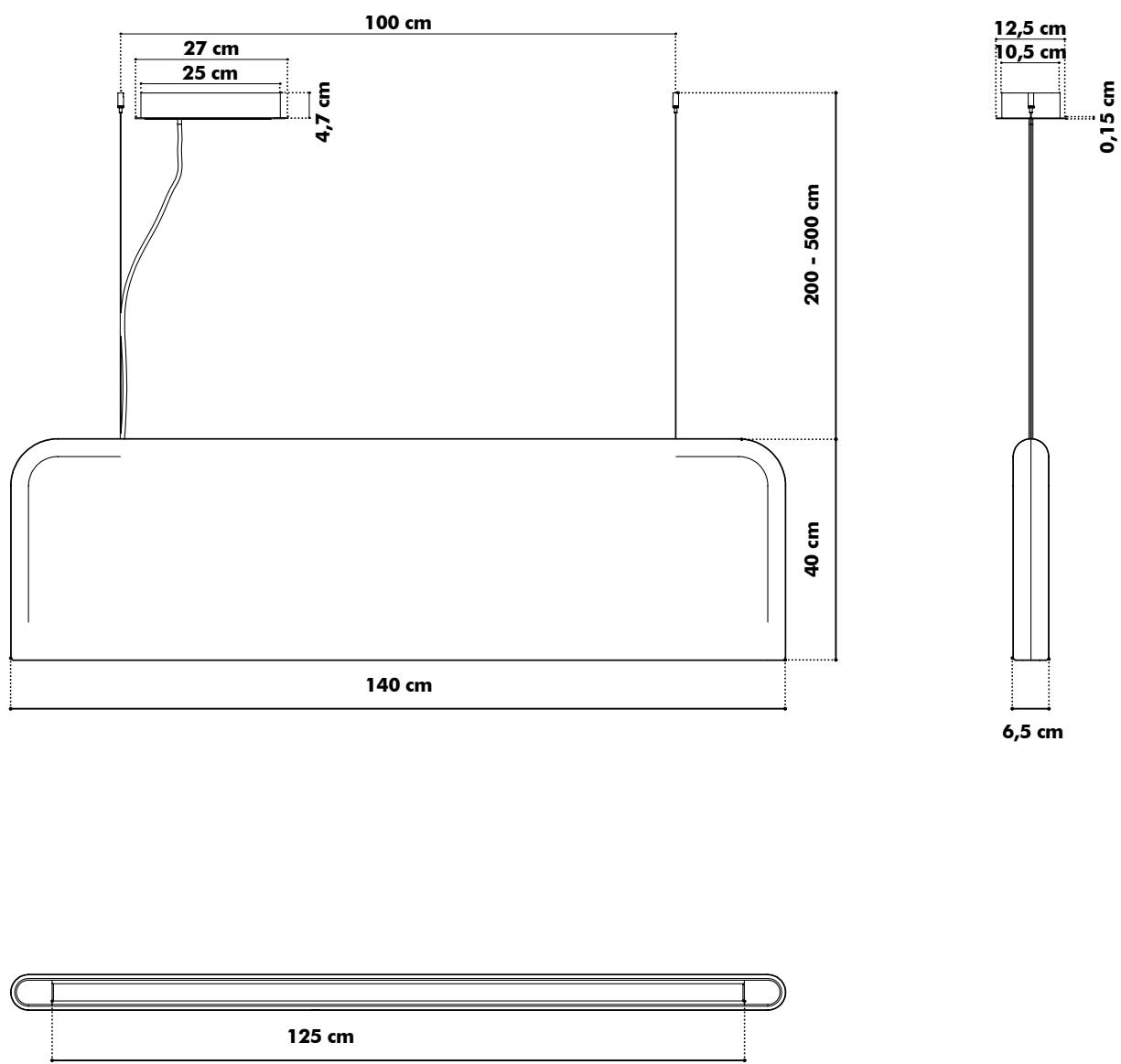
**BuzziShield Light Medium Height: 60 cm**



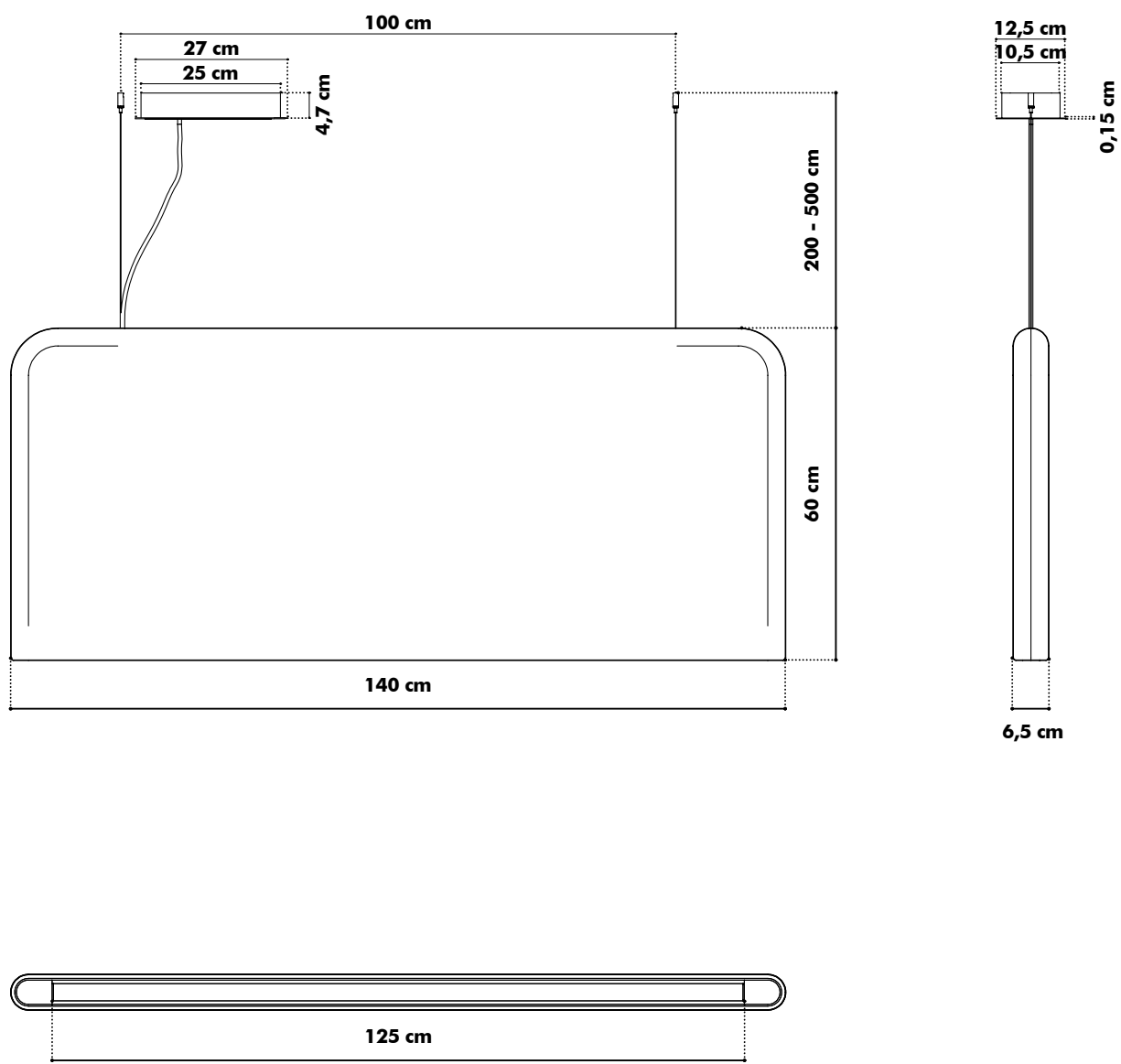
**BuzziShield Light Large Height: 20 cm**



**BuzziShield Light Large Height: 40 cm**



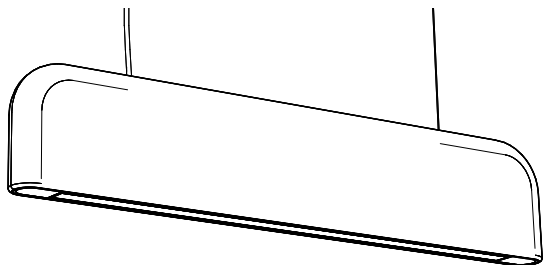
**BuzziShield Light Large Height: 60 cm**



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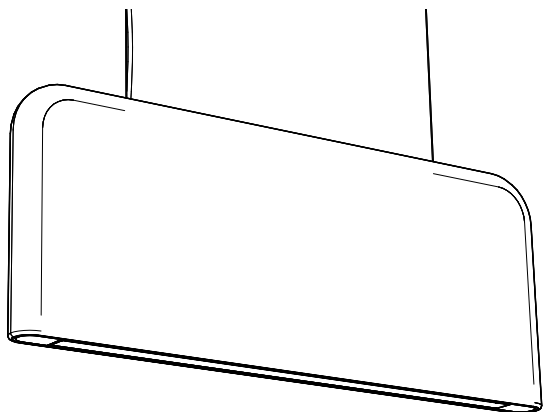
## Weights

**BuzziShield Light Medium Height 20 cm**



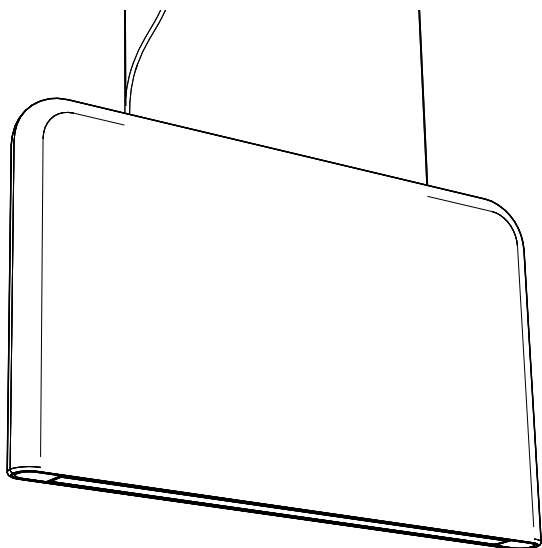
 5,1 kg

**BuzziShield Light Medium Height 40 cm**



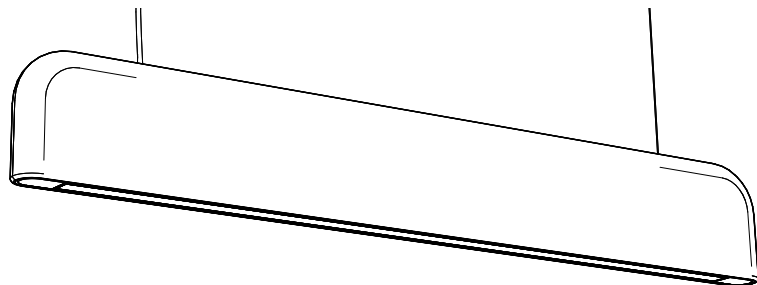
 5,9 kg

**BuzziShield Light Medium Height 60 cm**



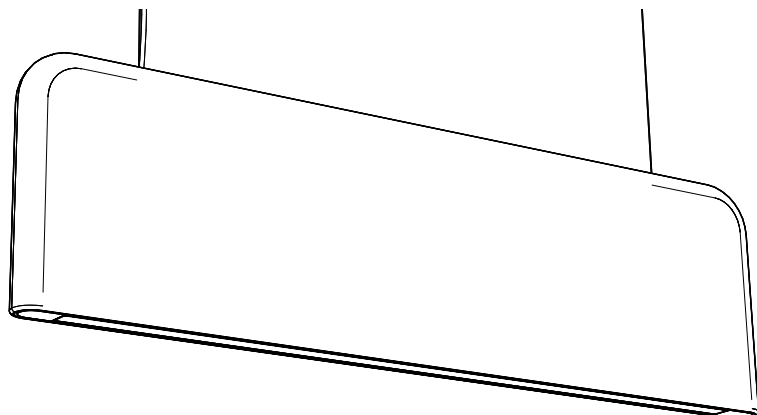
 6,7 kg

**BuzziShield Light Large Height 20 cm**



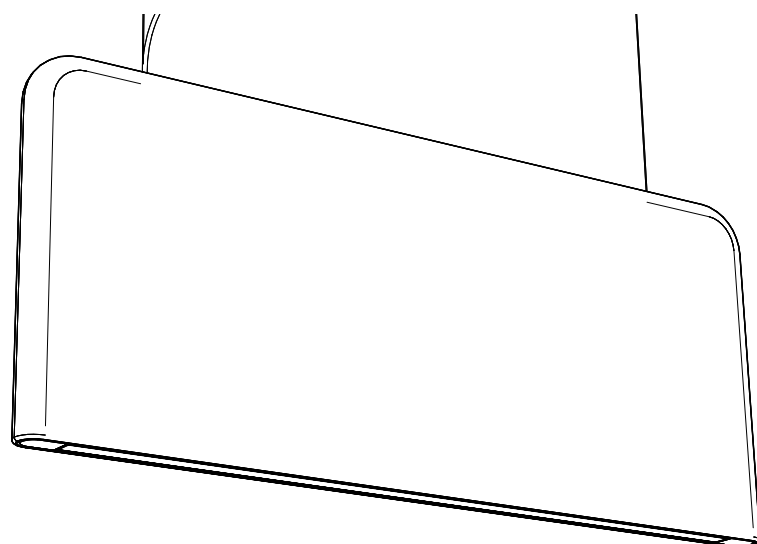
 6,5 kg

**BuzziShield Light Large Height 40 cm**



 7,8 kg

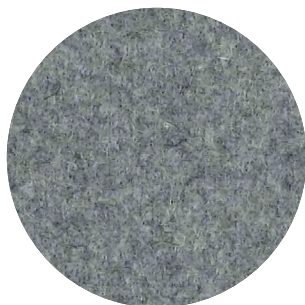
**BuzziShield Light Large Height 60 cm**



 9,1kg

# Fabrics

## 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

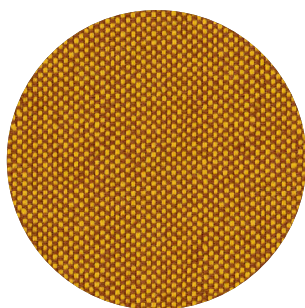
**Fastness to light** EU: 4 | USA 4

**Fastness to rubbing** EU: Wet 3-4 | Dry 4-5

**Fastness to crocking** USA: Wet 5 | Dry 5



## Trevira CS+ | CS (47 colors)



**Category A**

**Weight** 420 g/m<sup>2</sup> | 12.39 oz/yd<sup>2</sup>

**Composition** 100% Polyester, Trevira CS

**Abrasion resistance** 100.000 Martindale, 90,000 Wyzenbeek

**Flammability** BS 5852 part II: CRIB 5 | BS 7176 Medium Hazard  
USA: CAL TB 117 | M1 | B1 | EN 1021/1-2 | C1 |  
IMO Res. A652 (16)

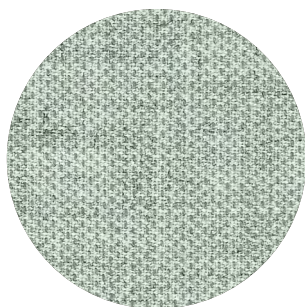
**Fastness to light** EU: 6 | USA 5

**Fastness to rubbing** EU: Wet 4-5 | Dry 4-5

**Fastness to crocking** USA: Wet 5 | Dry 5



## Clara 2 (24 colors)



**Category B**

**Composition** 92% new wool, 8% nylon

**Weight** 400 g/lin.m

**Abrasion resistance** 80.000 Martindale rubs, EN ISO 12947

**Flammability** EN 1021-1/2 | BS 5852, ignition source 2-3 | DIN 4102 B2  
NF D 60 013 | UNI 9175 1IM | US Cal. Tech. Bull. 117, Sec. E  
NFPA 260 | IMO A.652(16)

**Fastness to light** Note 5-7, ISO 105-B02

**Fastness to rubbing** (ISO) dry 4-5, wet 4

**Pilling** Note 4, EN ISO 12945



kvadrat

## Remix 3 (73 colors)

kvadrat



**Category B**

**Composition** 90% new wool, 10% nylon

**Weight** 415 g/lin.m

**Abrasion resistance** 100.000 Martindale rubs, EN ISO 12947

**Flammability** EN 1021-1/2 | BS 5852 part 1

Önorm B1/Q1 | NF D 60 013 | UNI 9175, 1IM

AS/NZS 1530.3 | Cal. Tech. Bull. 117-2013

NFPA 260 | IMO FTP Code 2010:Part 8

**Fastness to light** Note 5-7, ISO 105-B02

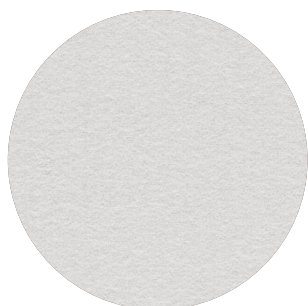
**Fastness to rubbing** (ISO) dry 4-5, wet 4

**Pilling** Note 4, EN ISO 12945



## Hero 2 (33 colors)

kvadrat



**Category C**

**Composition** 97% new wool, 3% nylon

**Weight** 580 g/lin.m

**Abrasion resistance** 45.000 Martindale rubs, EN ISO 12947

**Flammability** EN 1021-1/2 | DIN 4102 B2 | NF D 60 013

UNI 9175 1IM | US Cal. Bull. 117-2013 | NFPA 260

IMO A.652 (16)

**Fastness to light** Note 5-6, ISO 105-B02

**Fastness to rubbing** (ISO) dry 4-5, wet 4-5

**Pilling** Note 3-4, EN ISO 12945



## Tonus 4 (47 colors)

kvadrat



**Category D**

**Composition** 90% new wool, 10% Helanca

**Weight** 665 g/lin.m

**Abrasion resistance** 100.000 Martindale rubs, EN ISO 12947

**Flammability** EN 1021-1/2 | BS 5852 part 1 | DIN 4102 B2

Önorm B1/Q1 | NF D 60 013 | UNI 9175 1IM

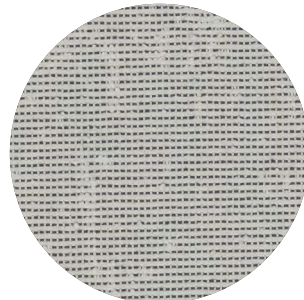
US Cal. Bull. 117-2013 | NFPA 260 | IMO A.652 (16)

**Fastness to light** Note 5-7, ISO 105-B02

**Fastness to rubbing** (ISO) dry 3-5, wet 3-5

**Pilling** Note 3, EN ISO 12945



**Category E****Composition** 100% Trevira CS**Weight** 700 g/lin.m**Abrasion resistance**

35.000 rubs acc. to the Martindale method, EN ISO 12947

**Flammability** EN 1021-1/2 | DIN 4102 B1 | Önorm B1/Q1

NF D 60 013 | NF P 92 507 M1 | UNI 9175 11M

UNI 9177 classe 1 | US Cal. Tech. Bull. 117

IMO A.652 (16)

**Fastness to light** Note 5-8, ISO 105-B02**Fastness to rubbing** (ISO) dry 4-5, wet 4-5**Pilling** Note 4, EN ISO 12945