

Product Specification Sheet

BuzziShield Light US

— 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.



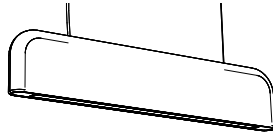
The Family

Lighting Units

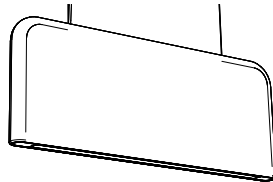
LED Line 85 (33.46")

LED Line 125 (49.21")

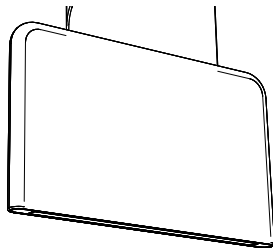
BuzziShield Light
Medium H 20 cm
(7.87")



BuzziShield Light
Medium H 40 cm
(15.75")

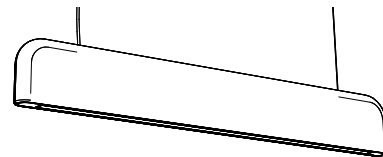


BuzziShield Light
Medium H 60 cm
(23.62")

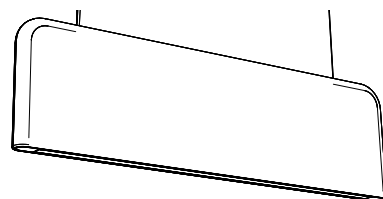


Models

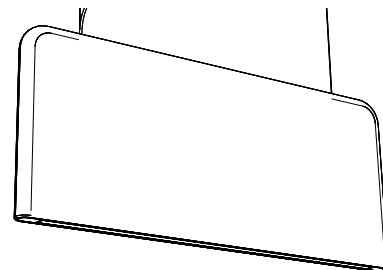
BuzziShield Light
Large H 20 cm
(7.87")



BuzziShield Light
Large H 40 cm
(15.75")



BuzziShield Light
Large H 60 cm
(23.62")



Required order information

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

Lighting Data

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	110V-120V/277V	15W	960 Lm	64	90	0-10V	3000K	22	Standard	Black	Black	Use color codes below	Use color codes below	2 cables of 78.74" Alu 2 cables of 196.85" Alu

BuzziShield Light Large

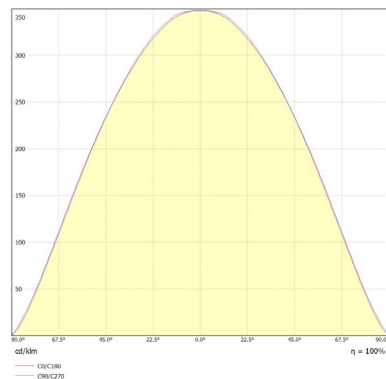
Lighting Unit	Voltage	Wattage	Light Output Luminaire	Efficacy (Lm/W)	CRI	Dimming	Color Temperature	UGR	Standard (stock) On request (>LT)	Color Power Cable	Color Ceiling Canopy	Fabric Collection	Fabric Color	Mounting Option
Led Line 125	110V-120V/277V	21W	1400 Lm	67	90	0-10V	3000K	22	Standard	Black	Black	Use color codes below	Use color codes below	2 cables of 78.74" Alu 2 cables of 196.85" Alu



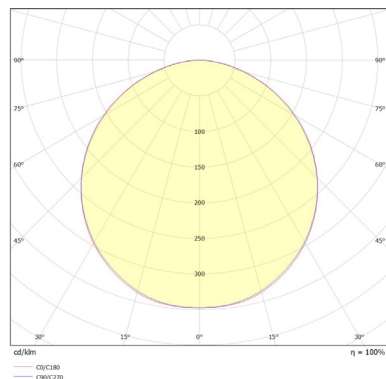
Photometric Data

BuzziShield Light Medium LED Line 85

Cartesian diagram

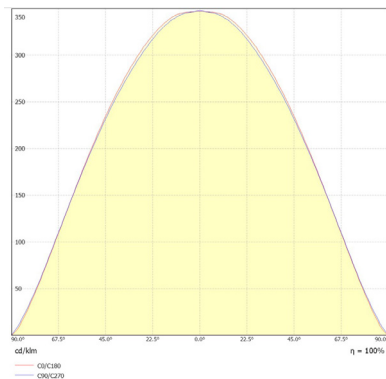


Polar curve

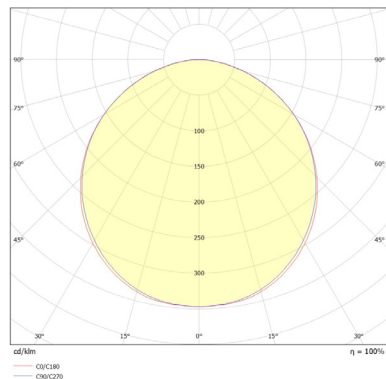


BuzziShield Light Large LED Line 125

Cartesian diagram



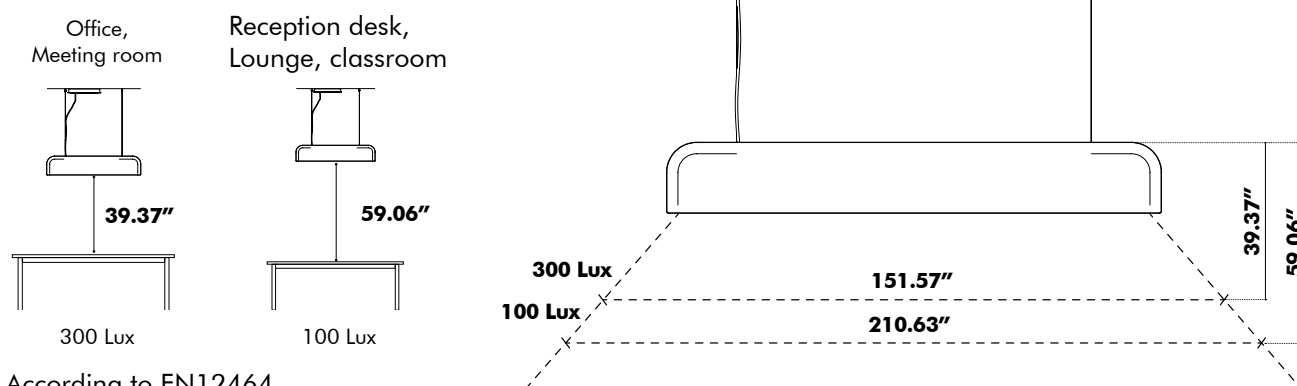
Polar curve



Tips and Tricks - Light Options

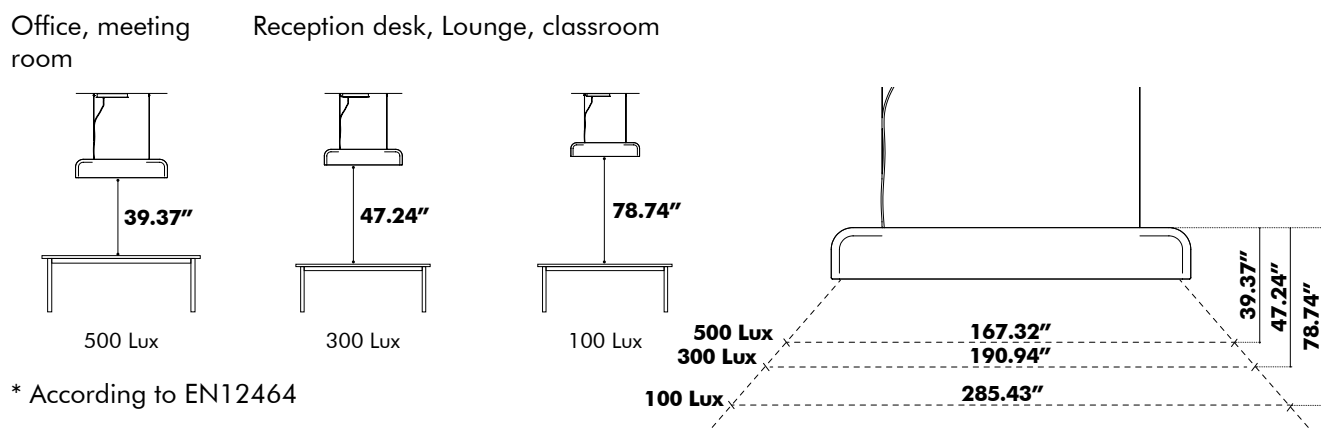
To enlight your workplace with optimal lux levels take following measurements into account:

BuzziShield Light Medium



* According to EN12464

BuzziShield Light Large

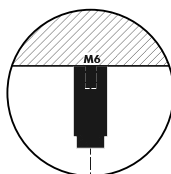
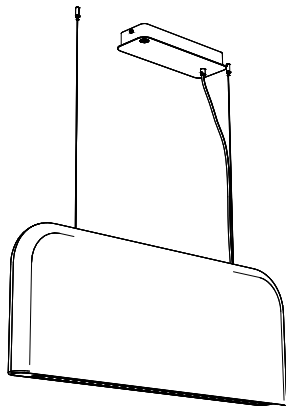


* According to EN12464

Product Data

Fixing System

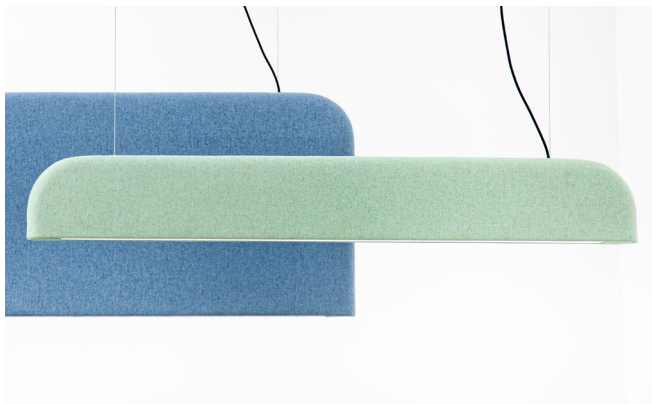
Fixing System Acoustic Panel



BuzziShield Light is suspended on 2 alu colored cables of 78.74" or 196.85", 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

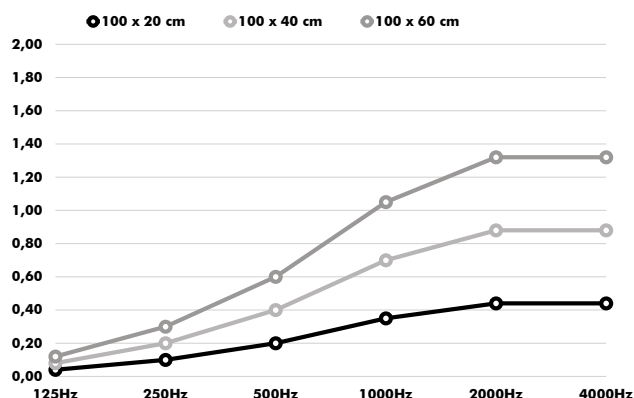


High tone

Acoustics

BuzziShield Light Medium

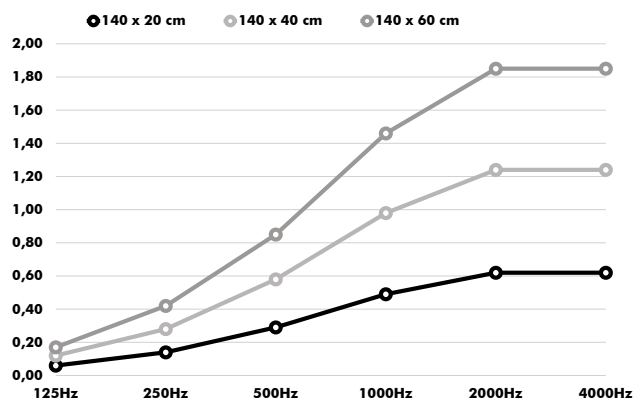
Equivalent sound absorption area in m² per object



Hz	100 x 20 cm (39.37" x 7.87") Aeq/m²	100 x 40 cm (39.37" x 15.75") Aeq/m²	100 x 60 cm (39.37" x 23.62") 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

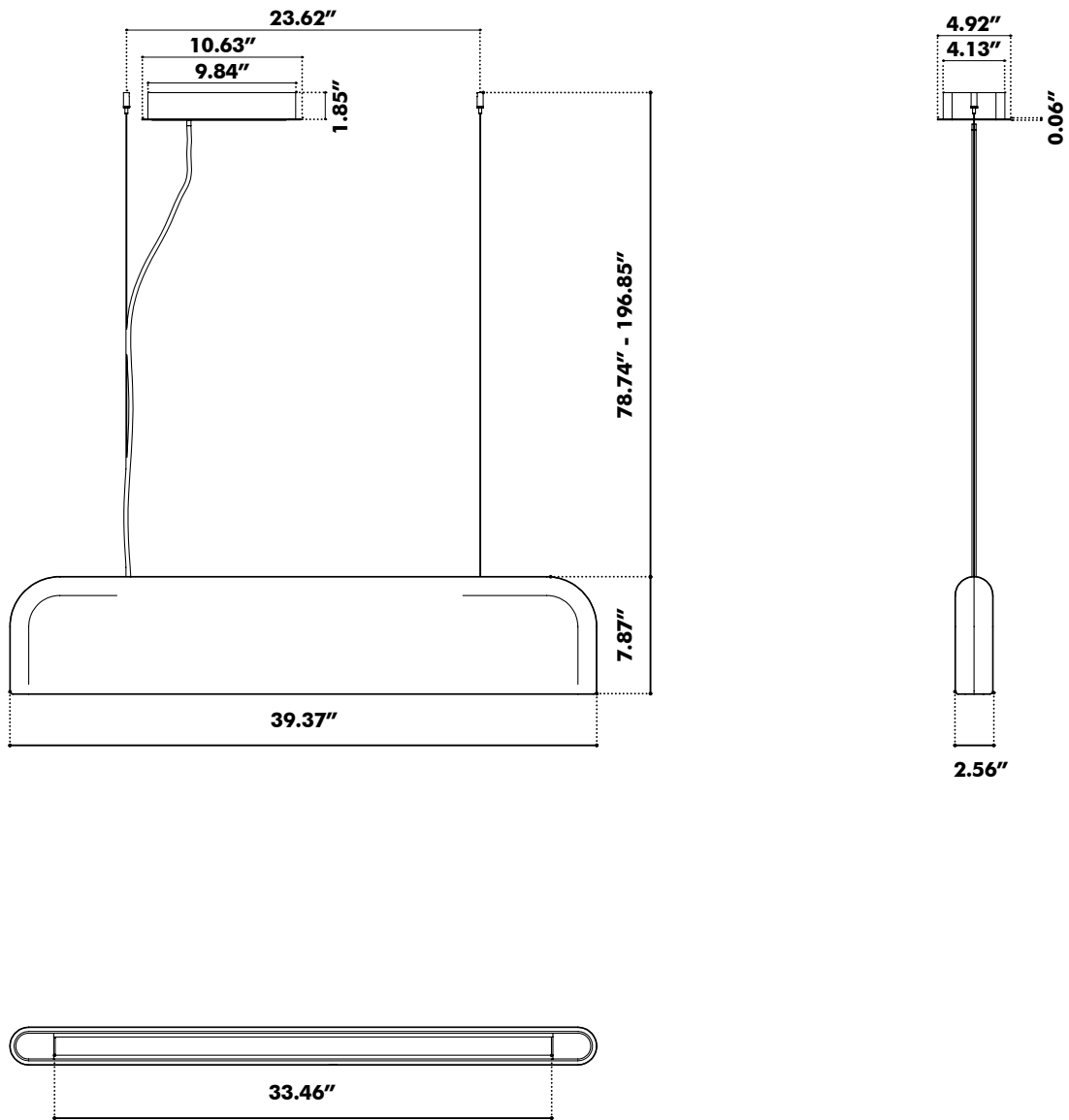
Equivalent sound absorption area in m² per object



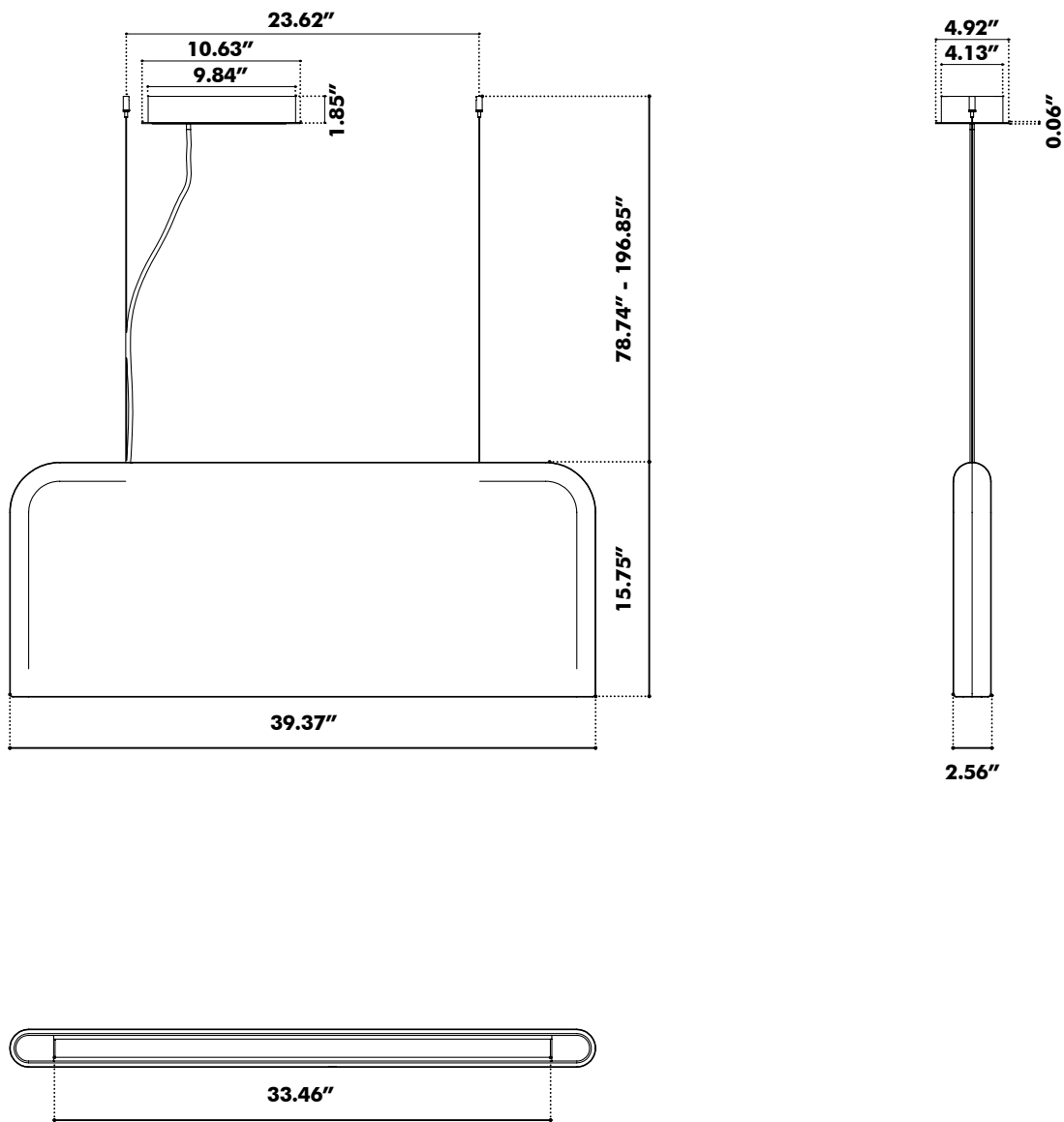
Hz	140 x 20 cm (55.12" x 7.87") Aeq/m²	140 x 40 cm (55.12" x 15.75") Aeq/m²	140 x 60 cm (55.12" x 23.62") Aeq/m²
125	0.06	0.12	0.17
250	0.14	0.28	0.42
500	0.29	0.58	0.85
1000	0.49	0.98	1.46
2000	0.62	1.24	1.85
4000	0.62	1.24	1.85

Dimensions

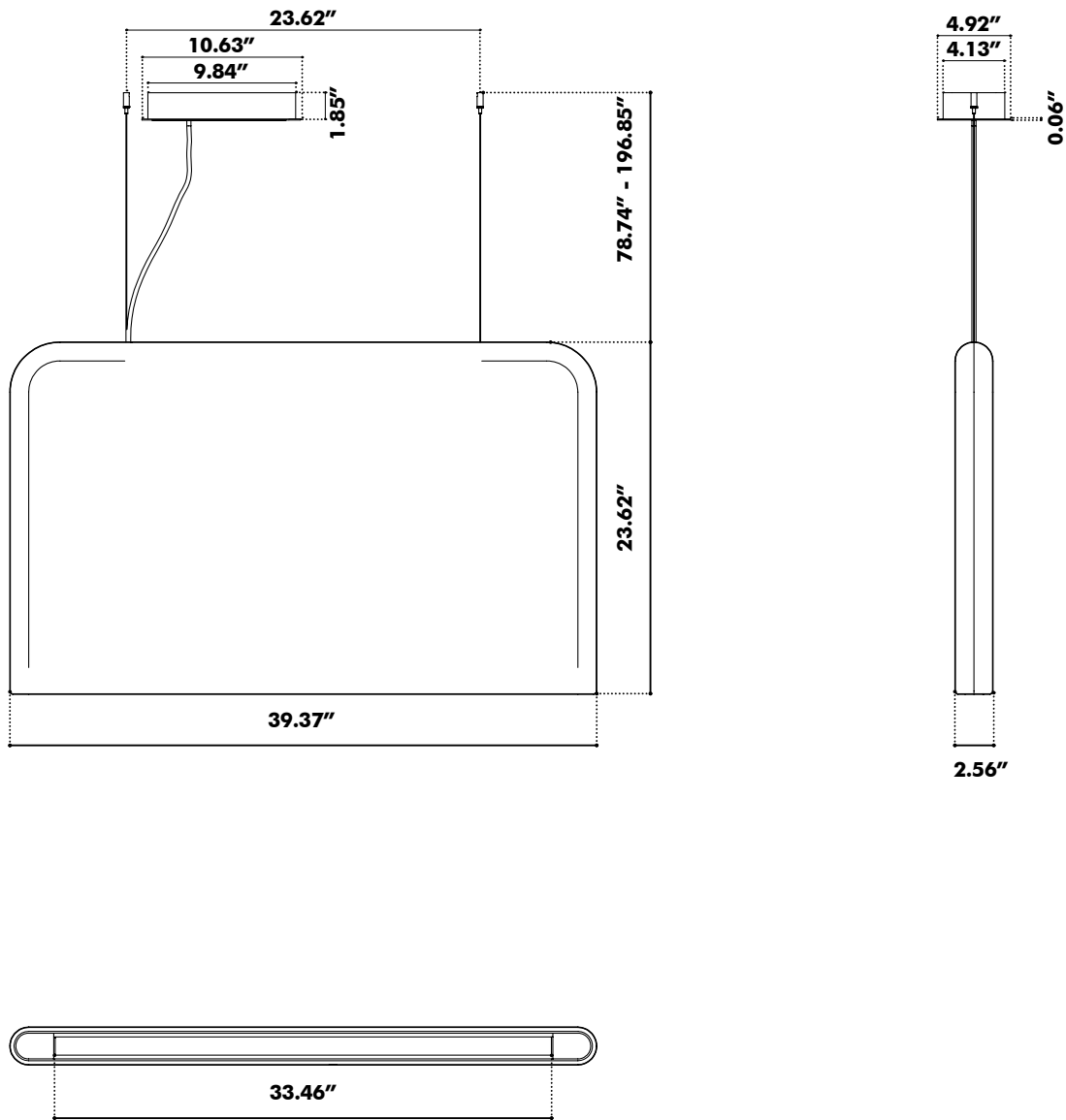
BuzziShield Light Medium Height: 7.87"



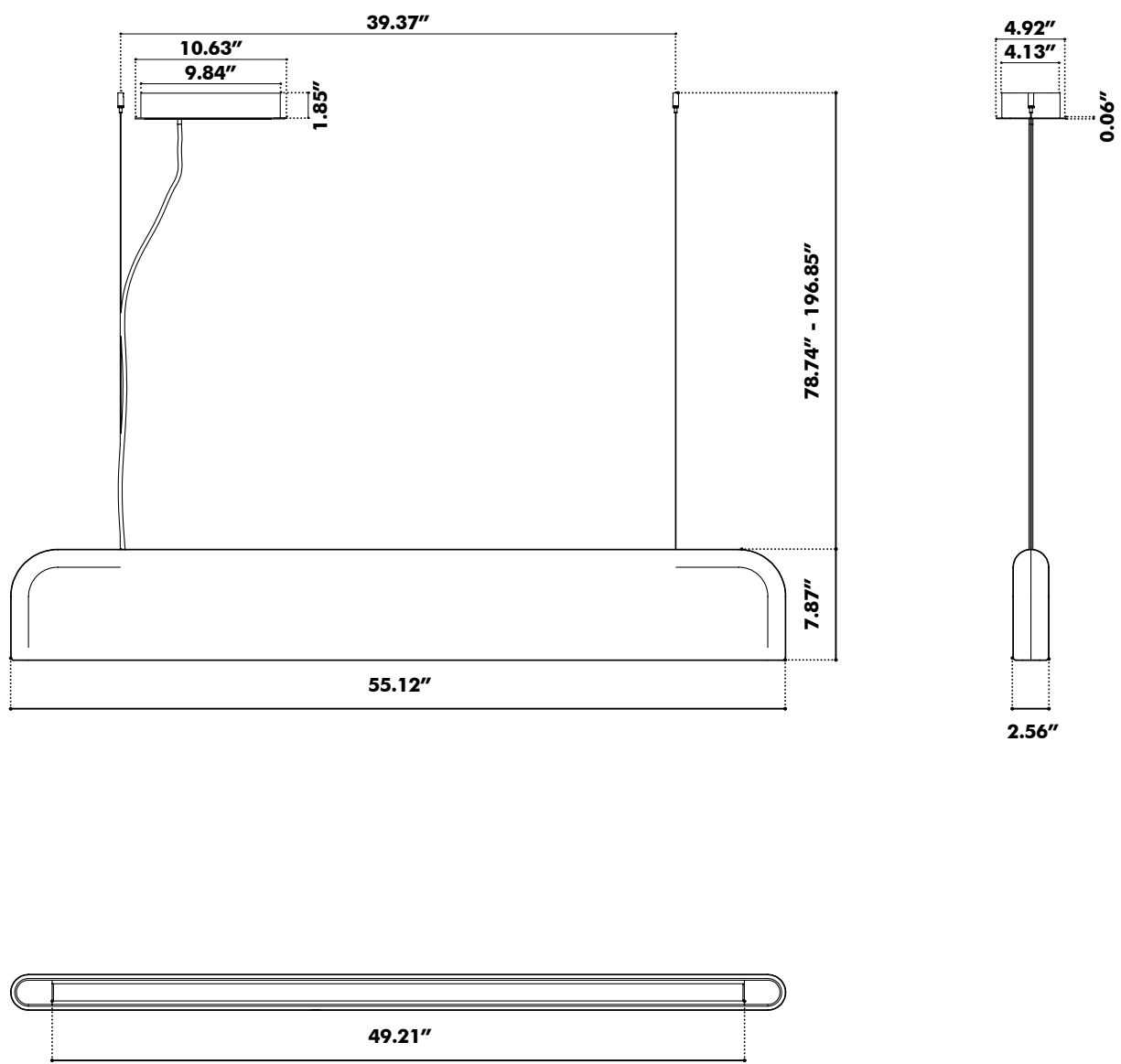
BuzziShield Light Medium Height: 15.75"



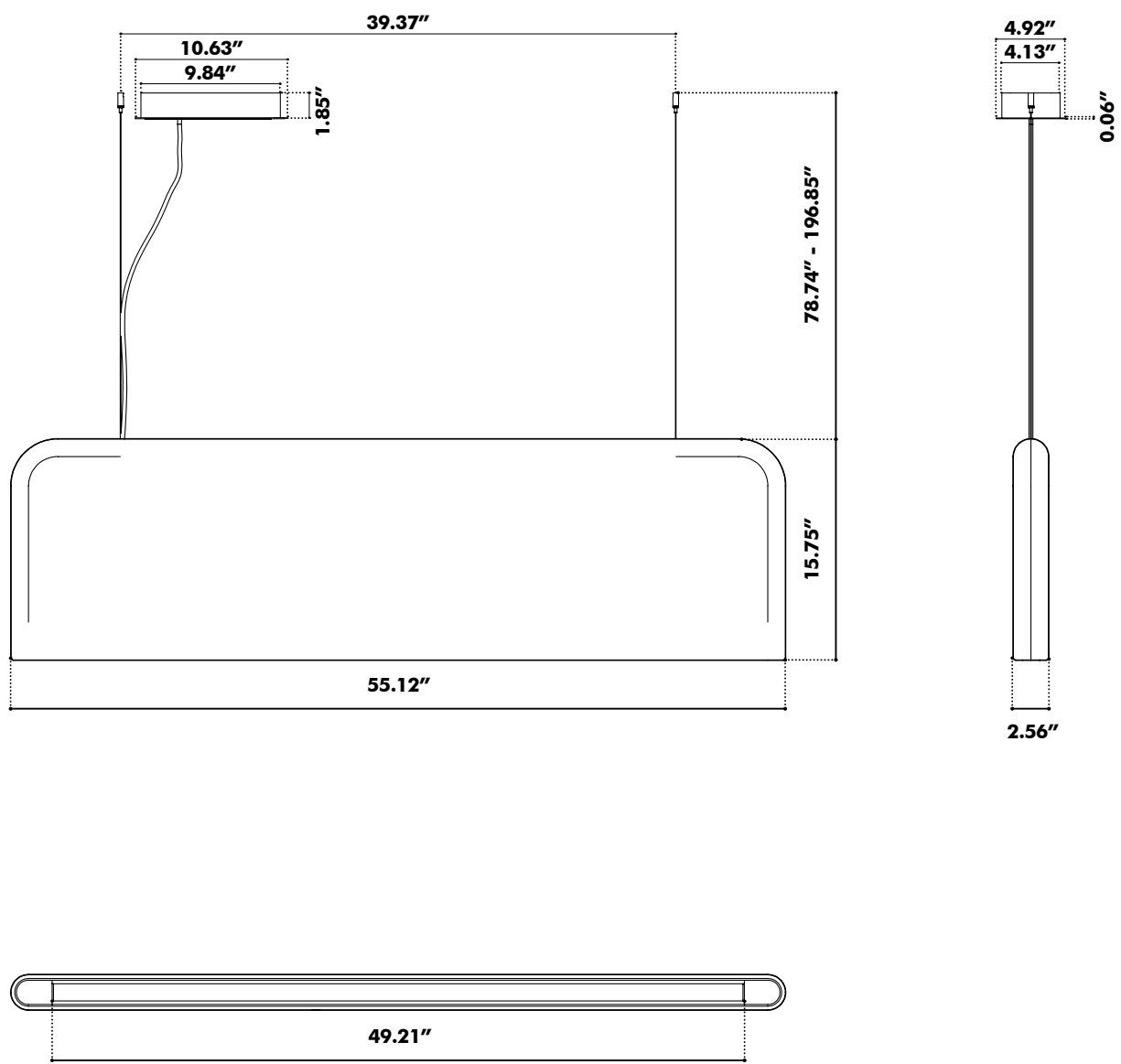
BuzziShield Light Medium Height: 23.62"



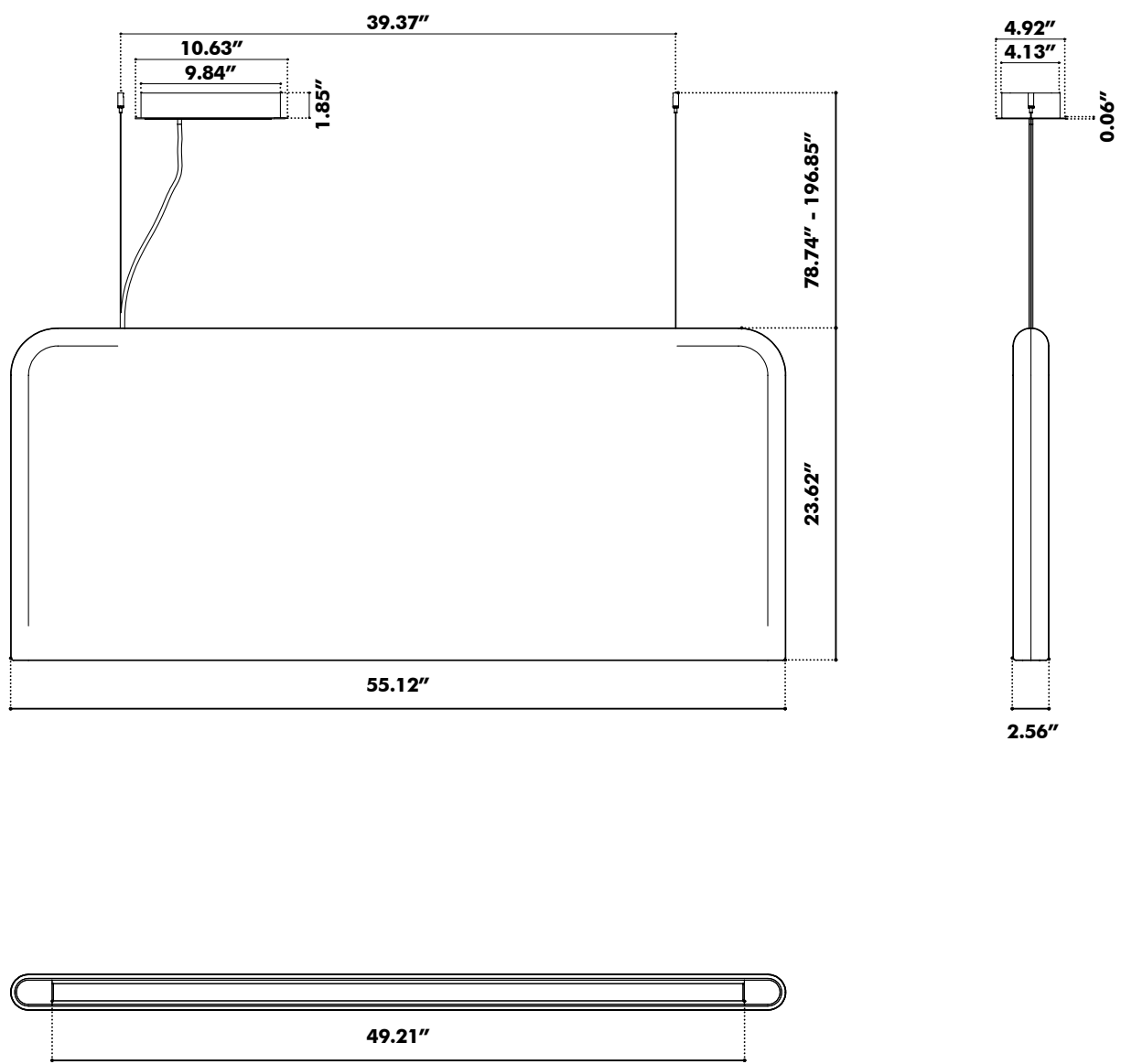
BuzziShield Light Large Height: 7.87"



BuzziShield Light Large Height: 15.75"

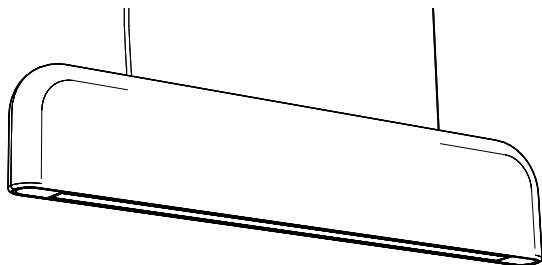



BuzziShield Light Large Height: 23.62"



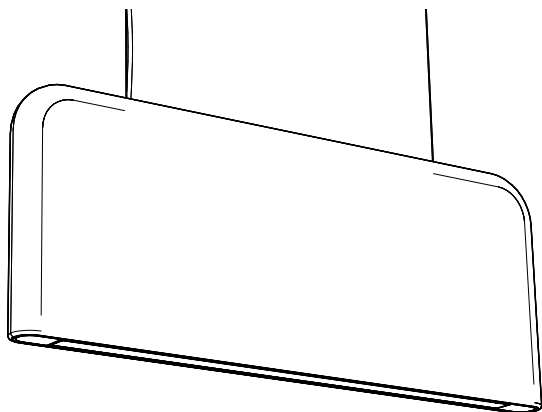
Weights


BuzziShield Light Medium Height 7.87"



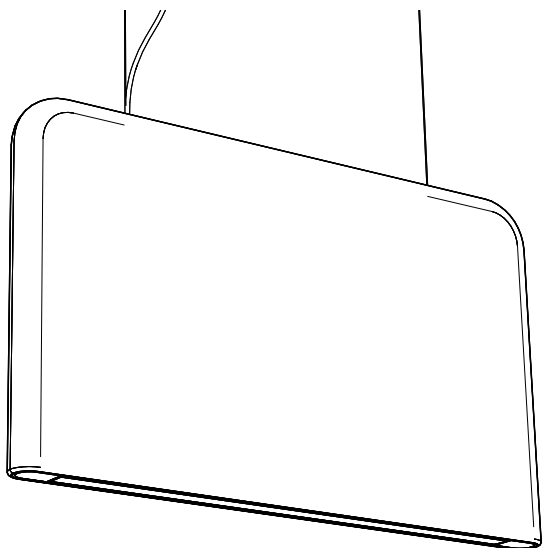
 11.24 lbs


BuzziShield Light Medium Height 15.75"



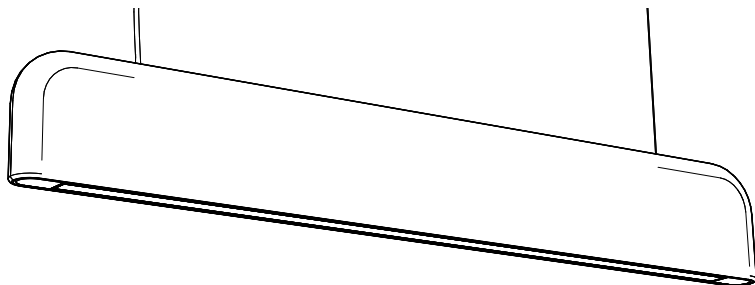
 13.01 lbs


BuzziShield Light Medium Height 23.62"



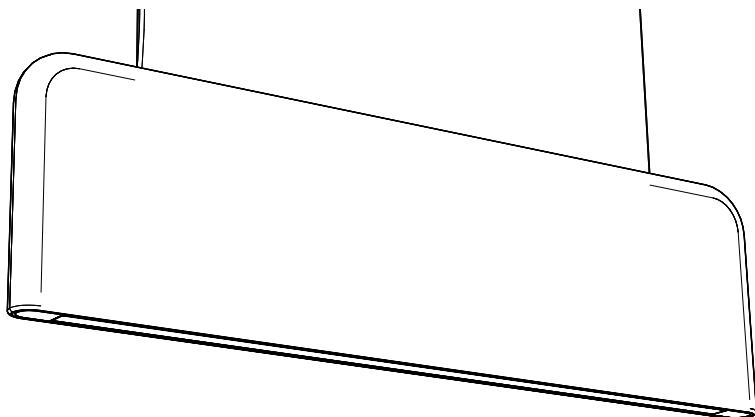
 14.77 lbs


BuzziShield Light Large Height 7.87"



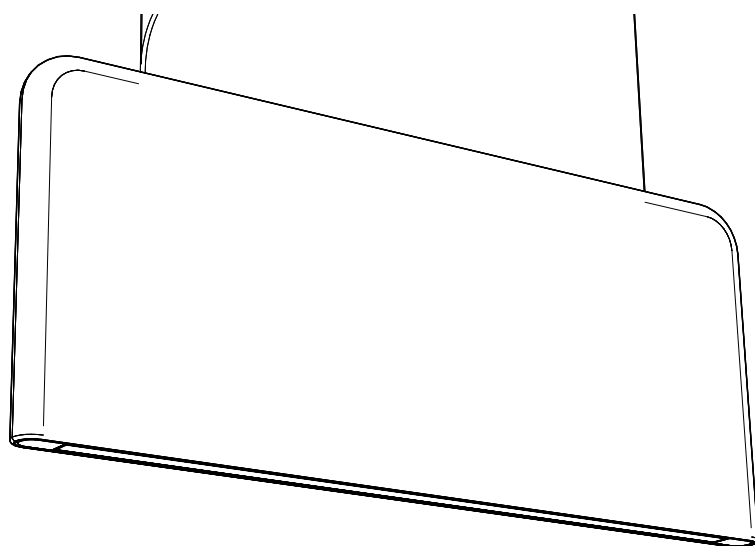
 7.87 lbs


BuzziShield Light Large Height 15.75"



 15.75 lbs

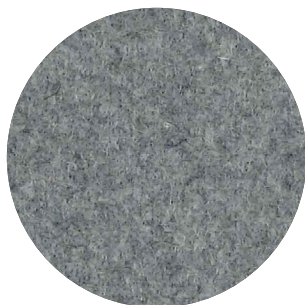
BuzziShield Light Large Height 23.62"



 23.62 lbs

Fabrics

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

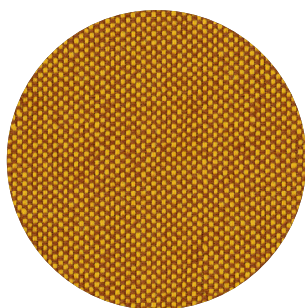
Fastness to light EU: 4 | USA 4

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

Fastness to crocking USA: Wet 5 | Dry 5



Trevira CS+ | CS (47 colors)

**Category A**

Weight 420 g/m² | 12.39 oz/yd²

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)

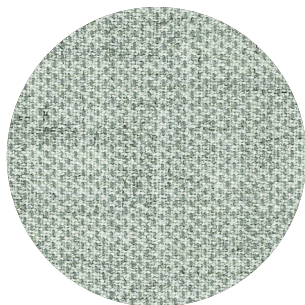
Fastness to light EU: 6 | USA 5

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

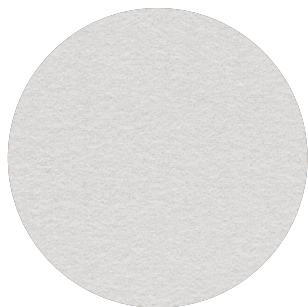
Fastness to rubbing (ISO) dry 4-5, wet 4

Pilling Note 4, EN ISO 12945



Hero 2 (33 colors)

kvadrat



Category C

Composition 96% new wool, 4% 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

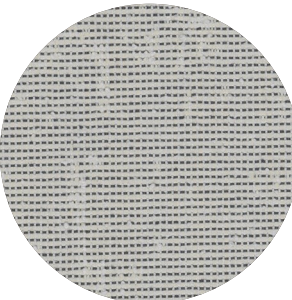
Fastness to rubbing (ISO) dry 3-5, wet 3-5

Pilling Note 3, EN ISO 12945



Memory 2 (20 colors)

kvadrat



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 1IM
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

