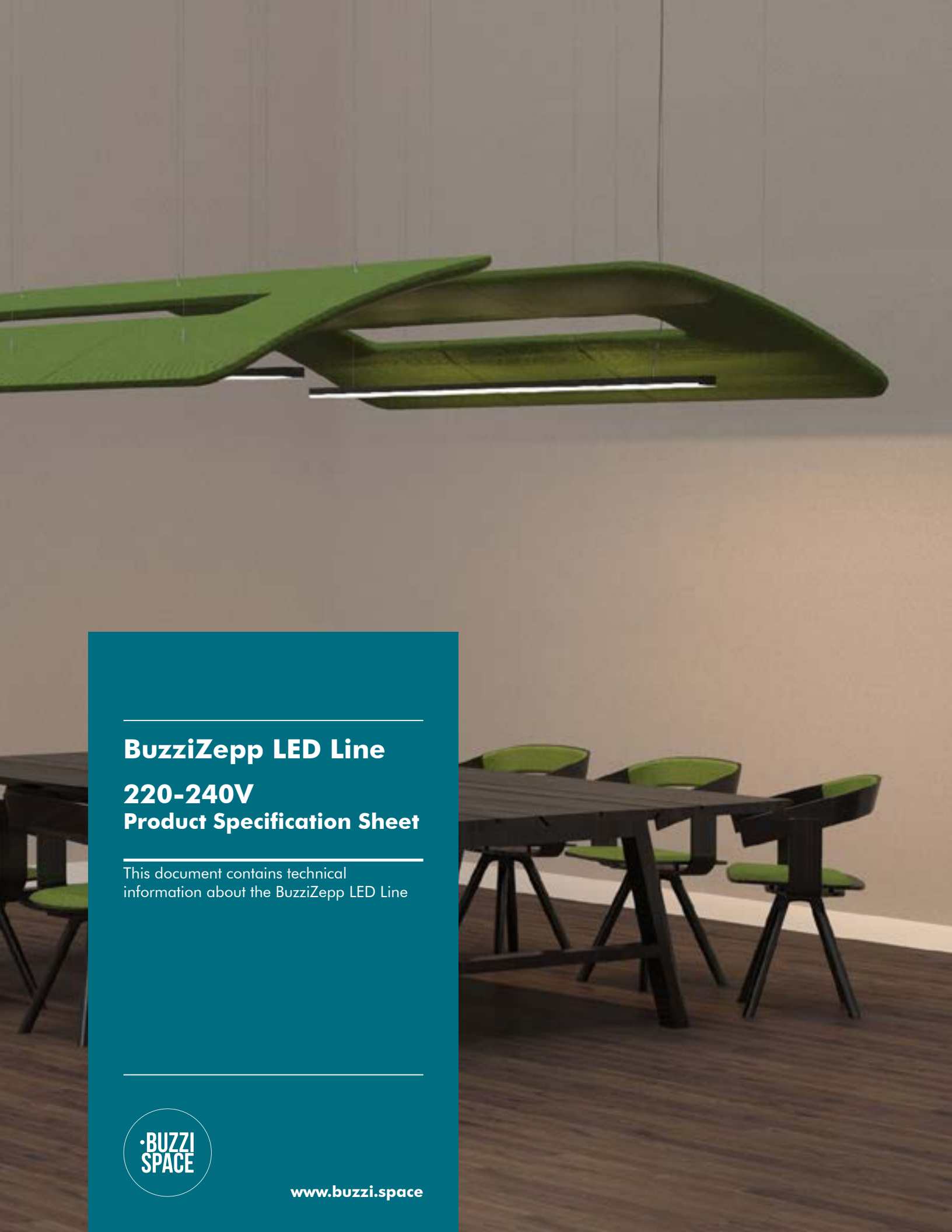


BuzziZepp LED Line

220-240V
Product Specification Sheet

This document contains technical information about the BuzziZepp LED Line

BUZZI SPACE

www.buzzi.space

A suspended plane of light with sleek acoustic body
BuzziZepp LED is an impressive shield of light, offering acoustic control. The suspended design was conceived by designer Alain Gilles as an "imaginary island" to visually delineate and bring a sense of tranquility to large open spaces. With its striking linear design, BuzziZepp LED hovers from above to define zones without obstruction, establishing a more intimate, quiet and purposeful sense of space, no vertical partitions or walls needed! The slim framework is made of upholstered acoustic panels, engineered to absorb sound and reduce echo. The streamlined design is outfitted with dimmable LED lines, which can be adjusted for various situations. Dim the lights to set a more relaxed tone at your next meeting, or brighten your workstation to focus on the task at hand.

Design by Alain Gilles and BuzziSpace Studio

General

Ceiling suspended
Small | Medium

Upholstered acoustic panel
LED Line light source

Input Voltage: 220 - 240V
Input Frequency: 50/60Hz
Color Temperature: 3000K
Color Rendering Index: 90
Dimmable: 1-10V Protocol

IP20 Dry usage

Flat packed

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

Certifications

CE/CB

Acoustics


Absorption


Diffusion


Attenuation


Low tone


Mid tone


High tone

Content

Configurations

BuzziZepp LED Line Small

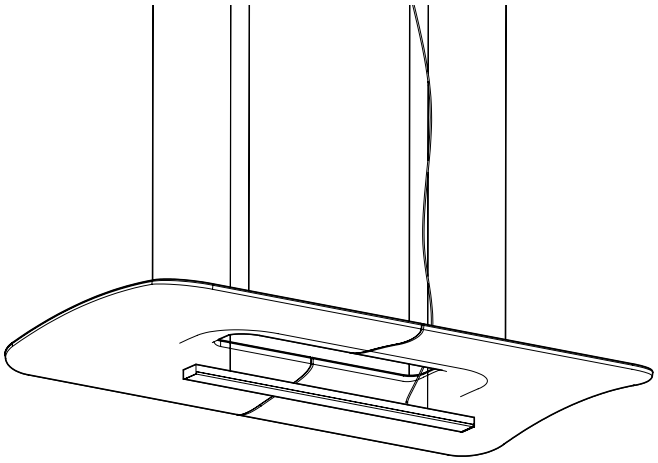
Core: Poplar multiplex
Filling: acoustic foam
Cover: upholstered in fabric
LED line light source

L 200 cm W 117 cm H 10 cm

Acoustic panel: 21,5 kg
LED line: 2 kg

Lumen Output: 2300 lumen
Wattage: 33 W
Unified Glare Rating: 23

Black or alu cables 2 - 5 m



BuzziZepp LED Line Medium

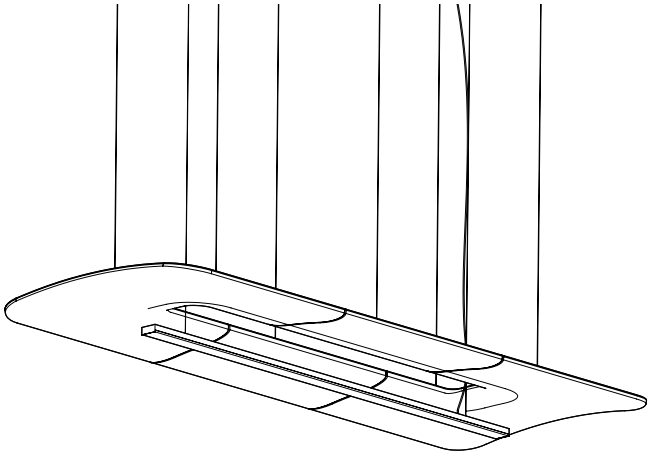
Core: Poplar multiplex
Filling: acoustic foam
Cover: upholstered in fabric
LED line light source

L 300 cm W 117 cm H 10 cm

Acoustic panel: 31,4 kg
LED line: 4 kg

Lumen Output: 4600 lumen
Wattage: 65 W
Unified Glare Rating 23

Black or alu cables 2 - 5 m



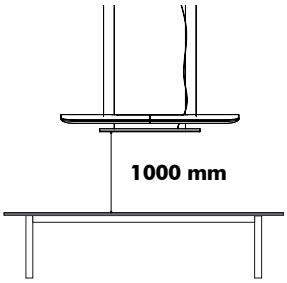
Composition

LED Line

The LED line has a thin aluminum profile finished in fine textured black powder coating.
The polycarbonate diffusor creates a diffuse light surface.
To enlight your workplace with optimal lux levels take following measurements into account:

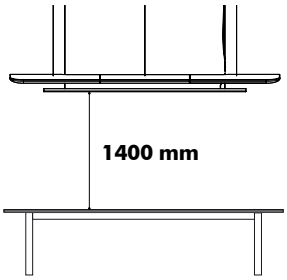
BuzziZepp Small

500 Lux



BuzziZepp Medium

500 Lux



Office, meeting room

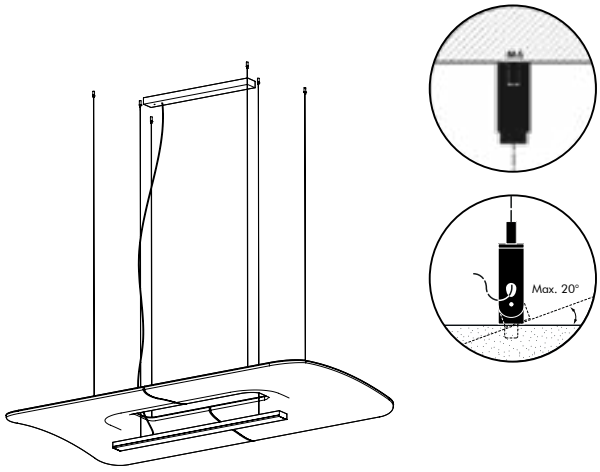
* According to EN12464

Acoustic panel

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

Mounting

Fixing System acoustic panel

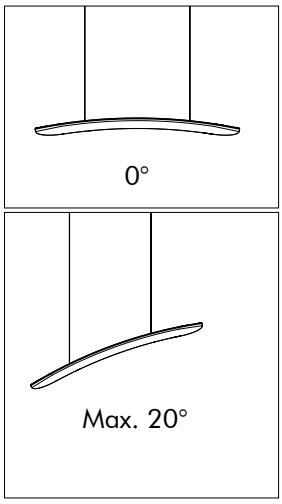


Fixing Sytem Screw

Small: 4 cables of 2 - 5 m
black or alu colored cables

Medium: 6 cables of 2 - 5 m
black or alu colored cables

Formations, as with other architectural features located in the ceiling plane, may obstruct or skew the existing or planned fire sprinkler water distribution pattern, or possibly delay the activation of the fire sprinkler or fire detection system. Designers and installers are advised to consult a protection engineer, NFPA 13, and their local codes for guidance on the proper installation techniques where detection or suppression systems are present.



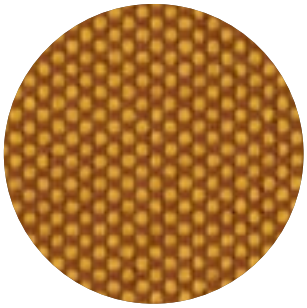
The acoustic panel can be mounted straight or slanted, with a maximum angle of 20° to create a more secluded setting.

Fabrics

Fabric

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

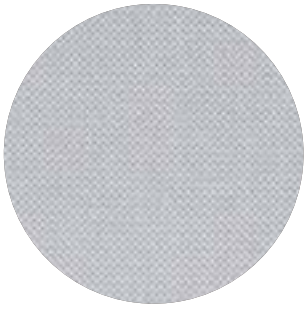
Trevira CS+|CS



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

Revive 1

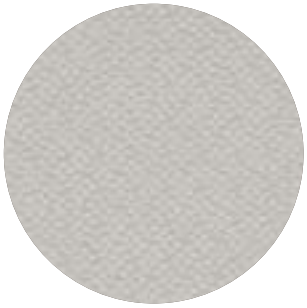
kvadrat



Category A
Composition 100% recycled polyester FR
Weight 430 g/lin.m
Abrasion resistance 60.000 Martindale rubs, EN ISO 12947
Flammability EN 1021-1/2 | DIN 4102 B1 | Önorm B1/Q1
UNI 9175 1IM | US Cal. Tech. Bull. 117
IMO A.652 (16)
Fastness to light Note 5-7, ISO 105-B02
Fastness to rubbing (ISO) dry 5, wet 4-5
Pilling Note 4-5, EN ISO 12945

Revive 2

kvadrat



Category A
Composition 100% recycled polyester FR
Weight 420 g/lin.m
Abrasion resistance 45.000 Martindale rubs, EN ISO 12947
Flammability EN 1021-1/2 | DIN 4102 B1 | Önorm B1/Q1
UNI 9175 1IM | US Cal. Tech. Bull. 117
IMO A.652 (16)
Fastness to light Note 5-7, ISO 105-B02
Fastness to rubbing (ISO) dry 5, wet 4-5
Pilling Note 4-5, EN ISO 12945

Velvet

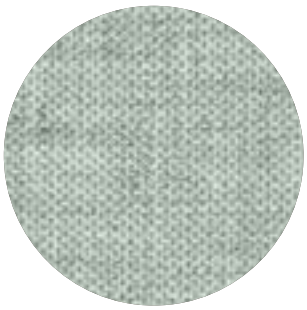
Category B
Composition 100% PES
Weight 375 g/m² | 11.06 oz/yd²
Abrasion resistance > 100.000 Martindale
Fastness to light EU: 4-5
Fastness to rubbing EU: Wet 4 | Dry 4-5
Pilling EU: 4-5

Terra

Category B
Composition 100% Pure New Wool
Weight 370 g/m² | 10.91 oz/yd²
Abrasion resistance 40.000 Martindale, 25,000 Wyzenbeek
Flammability EU: BS5852 CRIB 5 | BS5867 PART 2 : 2008 : TYPE B
EN: 1021.2/2006 | USA: CAL TB 117
Fastness to light EU 5 | USA 5
Fastness to rubbing EU: Wet 4 | Dry 4
Fastness to crocking USA: Wet 4 | Dry 4

Clara 2

kvadrat



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

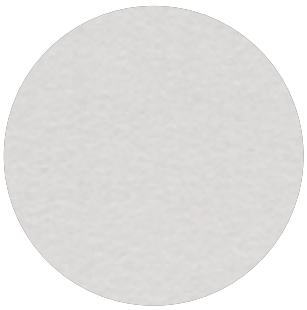
Remix 2

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

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

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

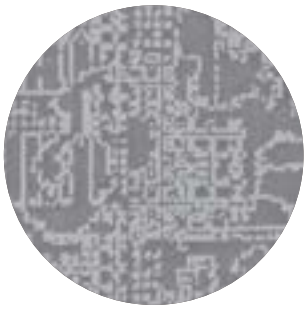
Memory 2

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

Matrix

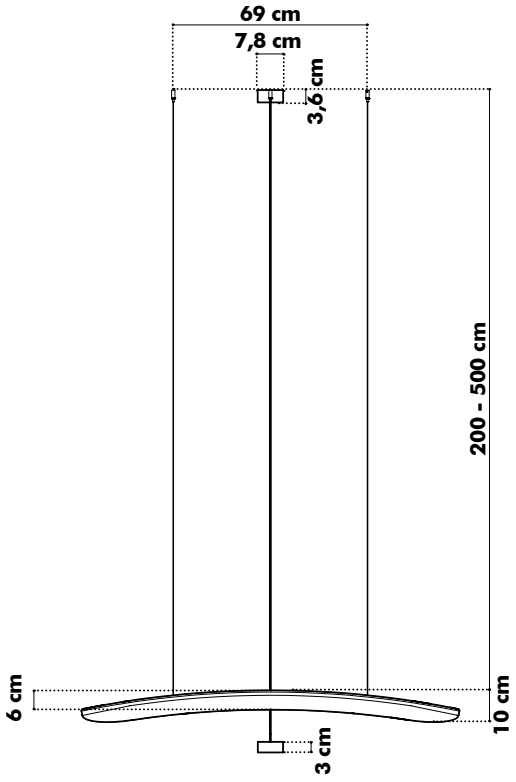
kvadrat

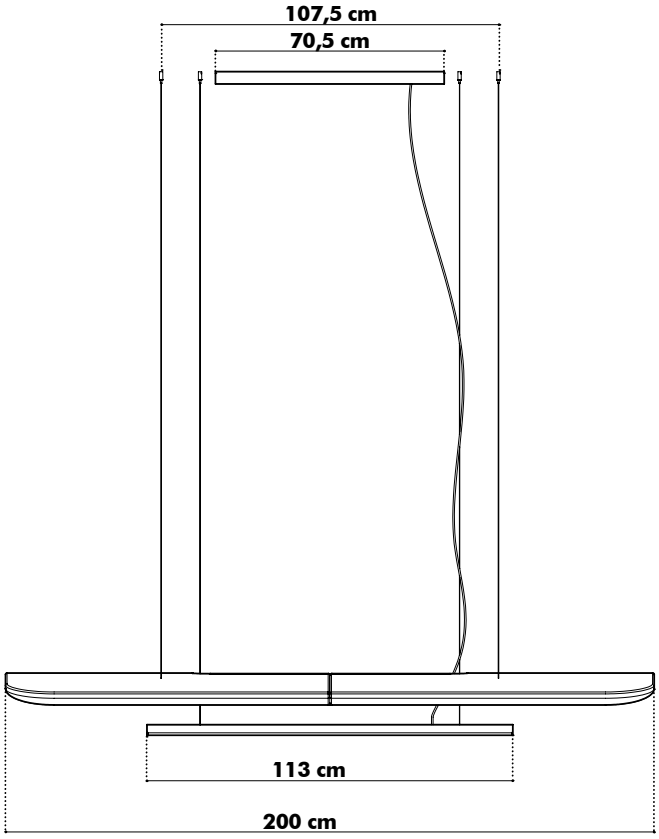


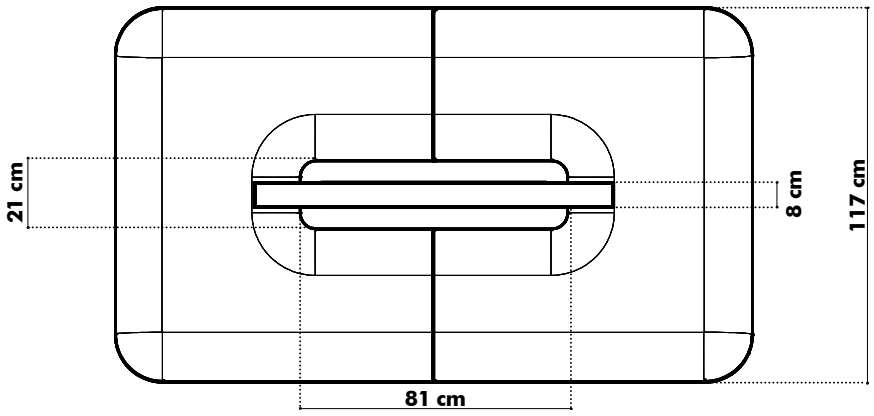
Category F
Composition 100% Trevira CS
Weight 760 g/lin.m
Abrasion resistance
App. 60.000 rubs acc. to the Martindale method, EN ISO 12947
Flammability EN 1021-1/2 | BS 5852 crib 5 | BS 5867 part 2 type B
DIN 4102 B1 | Önorm B1/Q1 | NF D 60 013
UNI 9175 1IM | US Cal. Tech. Bull. 117 | NFPA 701
IMO A.652 (16)
Fastness to light Note 5-7, ISO 105-B02
Fastness to rubbing (ISO) dry 4-5, wet 4-5
Pilling Note 4, EN ISO 12945

Dimensions

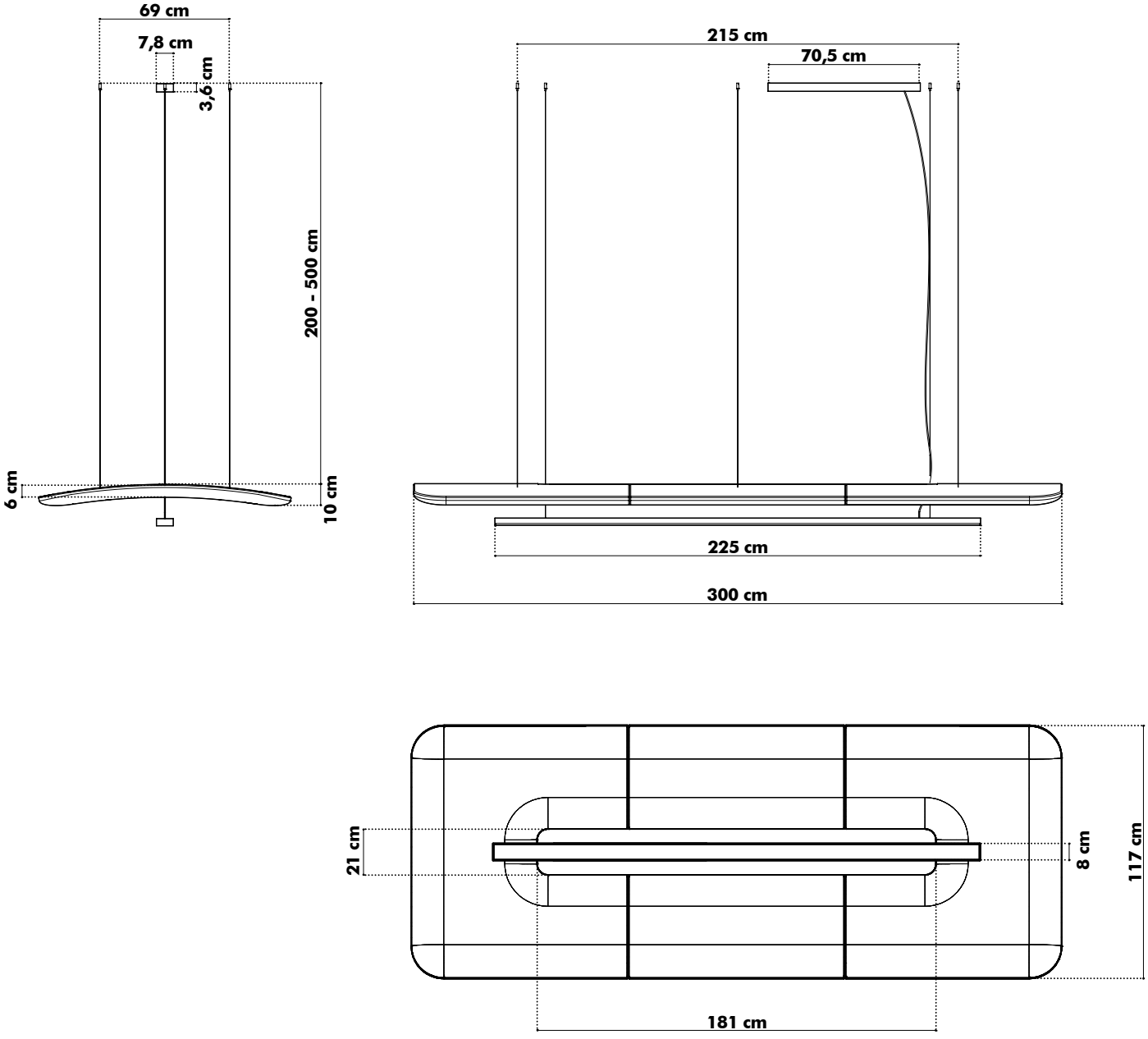
Small







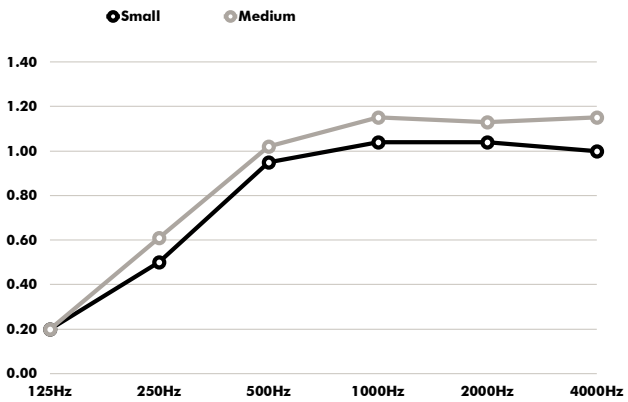
Medium


69 cm
7,8 cm
3,6 cm
200 - 500 cm
6 cm
10 cm
215 cm
70,5 cm
225 cm
300 cm
21 cm
8 cm
117 cm
181 cm

Acoustics

BuzziZepp

Absorption coefficient



Hz	α^s Small	α^s Medium
125	0.20	0.20
250	0.50	0.61
500	0.95	1.02
1000	1.04	1.15
2000	1.04	1.13
4000	1.00	1.15

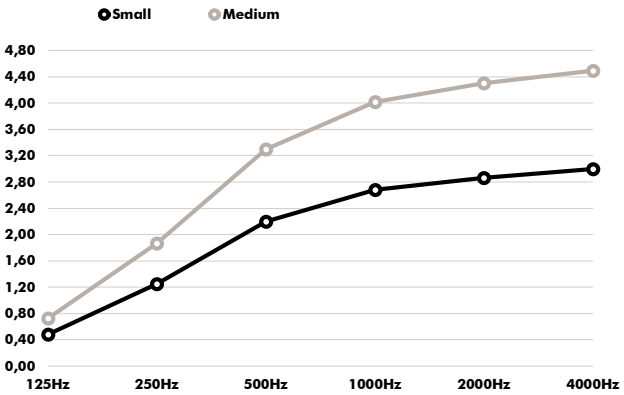
Absorption Values Small

α^w (ISO 11654)	**0.80**
NRC (ASTM - C423)	**0.90**
SAA (ASTM - C423)	**0.88**
Class (ISO 11654)	**A**

Absorption Values Medium

α^w (ISO 11654)	**0.90**
NRC (ASTM - C423)	**1.00**
SAA (ASTM - C423)	**0.98**
Class (ISO 11654)	**A**

Equivalent sound absorption area in m² per object



Hz	Aeq/m² Small	Aeq/m² Medium
125	0.48	0.73
250	1.25	1.87
500	2.20	3.30
1000	2.68	4.02
2000	2.86	4.30
4000	3.00	4.49

Glossary p.13

Glossary

All calculations are based on accredited lab measurements, official document available on www.buzzi.space

Definitions

α	Weighted absorption coefficient	(ISO 11654)
NRC	Noise reduction coefficient	(ASTM - C423)
SAA	Sound absorption average	(ASTM - C423)

Classification of sound absorbers NEN-EN-ISO 11654

A	0.90 | 0.95 | 1.0
B	0.80 | 0.85
C	0.60 | 0.65 | 0.70 | 0.75
D	0.03 | 0.55
E	0.15 | 0.25