



BuzziDome 230V **Product Specification Sheet**

This document contains technical
information about the BuzziDome



www.buzzi.space




Elegant acoustic lighting

Meet BuzziDome, a modern noise-reducing light with a refined semi-dome shape. BuzziDome's concave design, coupled with its acoustic foam element, acts as an excellent diffuser and absorber of sound. Therefore, BuzziDome provides exceptional acoustic treatment for any setting.

A recessed LED light source, accentuates the pendant's meticulous craftsmanship while also emitting a warm, functional light. BuzziDome accommodates the demand for both sound absorption and light, being the perfect fit for workplaces, hospitality settings, and break-out areas. Pick yours from a wide range of colorful upholstery options. It will definitely complement the aesthetic scheme of your interior.

Design by BuzziSpace Studio

General

 Ceiling Suspended

Upholstered acoustic foam shade

LED disk with opaque diffuser



Powder coated metal ceiling canopy in white (RAL 9010)

Transparent power cable (4 m)

Wattage: 29W

Input Voltage: 230V

Input Frequency: 50/60Hz

Lumen Output: 2545 lumen



Color Temperature: 3000K (4000K on request)

Color Rendering Index: >90

Dimmable: 1-10V Protocol (DALI on request)

Unified Glare Rating: 22 (UGR 19 on request)



IP20 Dry Usage



Assembled



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

Certifications

CE/CB

Acoustics



Absorption



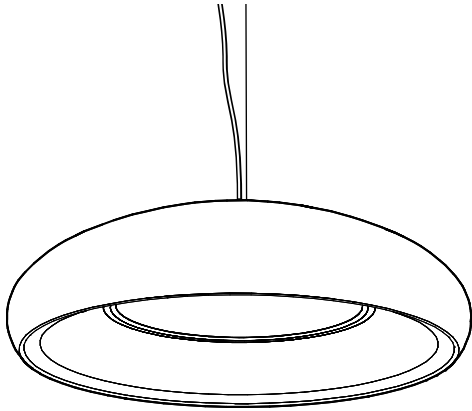
Diffusion

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Configurations

BuzziDome



- 🔖 Ceiling Suspended
- Upholstered acoustic foam shade
- 🌲 LED disk with opaque diffuser
- 🌲 Powder coated metal ceiling canopy in white (RAL 9010)
- Transparent power cable (4 m)
- ✂️ Ø 80 cm H: 25 cm
- ⚖️ 13,5 kg
- ⋮ Fixing System Screw
- ⋮ 1x black or alu cable 2 - 4 m
- ⚠️ If installing on suspended ceiling, verify load capacity prior to installation

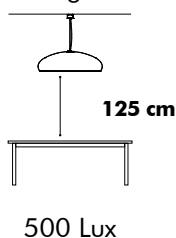
Composition

Light source

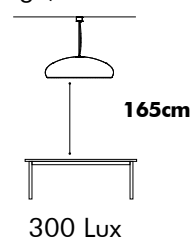


The Light source is recessed inside a semi-dome shaped acoustic body. The PMMA diffuser ensures an optimal light spread and efficiency. It creates a very diffuse light surface without any dottiness. The light source of the BuzziDome is a LED PCB, containing 36 low power LED's. To enlight your workplace or room with optimal lux levels take following measures into account.

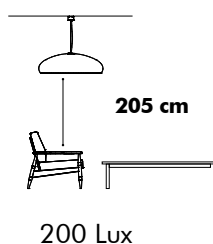
Office,
meeting room



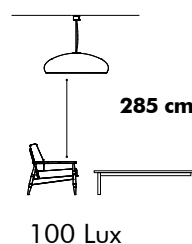
Reception desk,
lounge, classroom



Entrance Hall

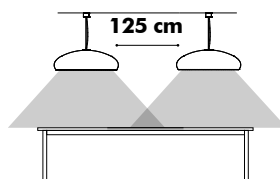


Entrance Hall

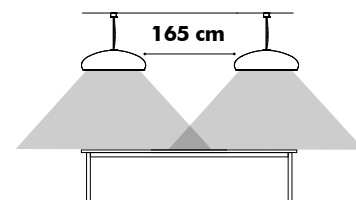


To ensure a continuous light spread take following distances inbetween the BuzziDomes into account.

500 Lux



300 Lux



According to EN12464

Specification overview

Standard:	3000K	UGR 22	1-10V DIM
On request:	3000K	UGR 19*	1-10V DIM
	4000K	UGR 22	1-10V DIM
	4000K	UGR 22	DALI DIM
	3000K	UGR 22	DALI DIM

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

Ceiling canopy and power cord



Suspension set consists of a:

- metal ceiling canopy powder coated in white
- transparent power cable (length 4 m)
- separate metal cable to suspend the BuzziDome (in alu or black 2 m or 4 m)

Acoustic Element



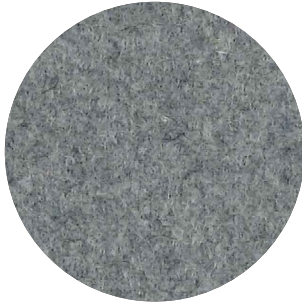
The acoustic body is upholstered top to bottom in a chosen fabric.

For certain fabrics, color variations may occur across the umbrella-shaped surface. This is, especially, the case for color rich fabrics where differently colored yarns blend and result in different hues. This combination creates a lively play of irregular colors across the fabric. It's important to note that this isn't a defect or fault, but rather a unique characteristic of such fabrics. This can occur when following fabrics are selected: Trevira CS & CS+, Remix 3 and Clara 2.

With a complex double-curved shape, some fabrics will cause the appearance of a waving motion close to the stitch. This typically applies to fabrics with visible yarns across the surface. It's not a defect, but a natural result following from the characteristics of product shape. This can occur when following fabrics are selected: Trevira CS & CS+, Remix 3, Memory 2 and Clara 2.

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

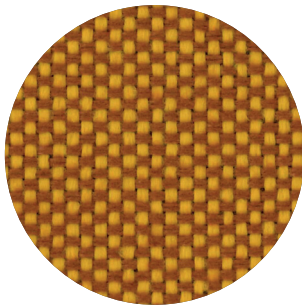
Fastness to light EU: 4 | USA 4

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

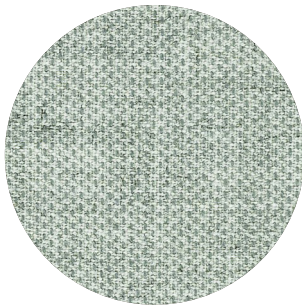
Fastness to rubbing EU: Wet 4-5 | Dry 4-5

Fastness to crocking USA: Wet 5 | Dry 5



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 3

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

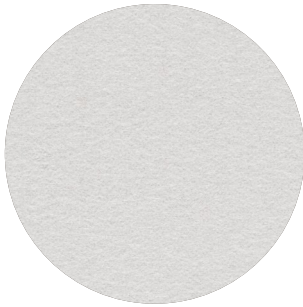
Fastness to rubbing (ISO) dry 4-5, wet 4

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

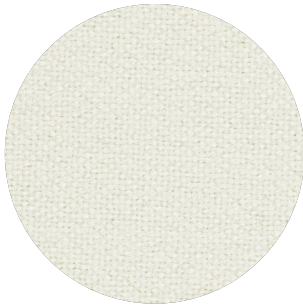
Fastness to rubbing (ISO) dry 4-5, wet 4-5

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

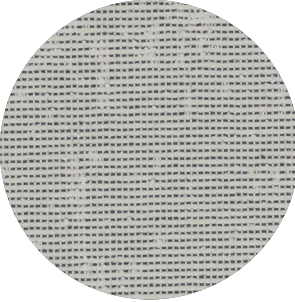
US Cal. Bull. 117-2013 | NFPA 260 | IMO A.652 (16)

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





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

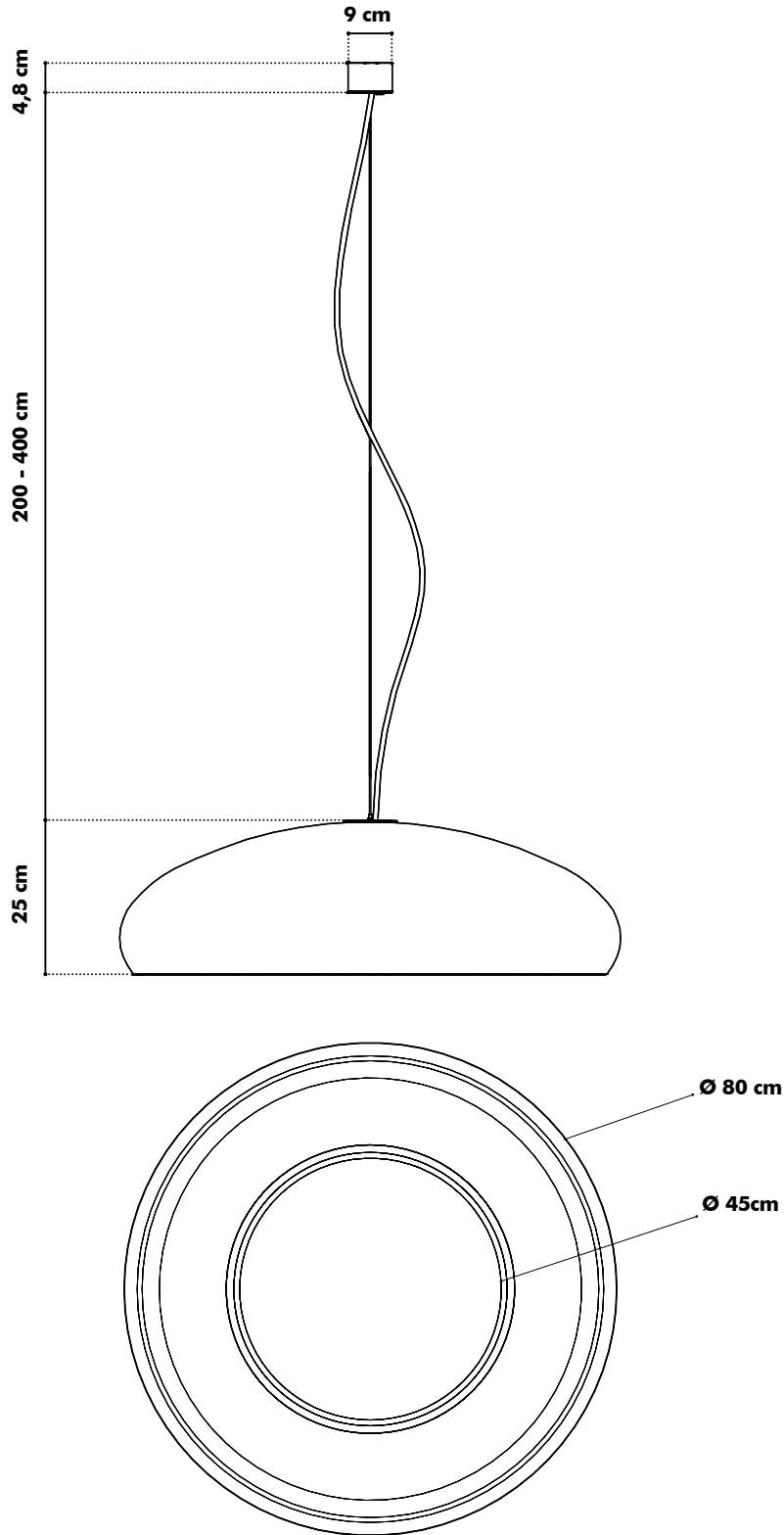
Fastness to rubbing (ISO) dry 4-5, wet 4-5

Pilling Note 4, EN ISO 12945



Dimensions

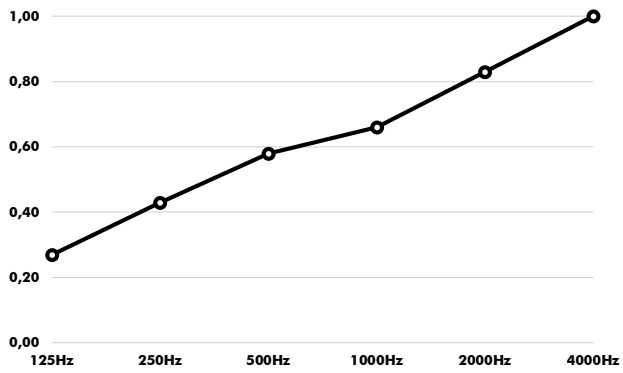
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Acoustics

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Equivalent sound absorption area in m² per object



Hz	Aeq/m ²
125	0,27
250	0,43
500	0,58
1000	0,66
2000	0,83
4000	1,00