



BuzziMoon 220-240V Product Specification Sheet

This document contains technical information about the BuzziMoon Round Suspended










www.buzzi.space

Embedded light

BuzziMoon offers the best of both worlds; highly functional general lighting embedded in a proven acoustic ceiling solution. One of the first acoustical lighting solutions that is equally performant on lighting as on acoustic level. The LED light module is designed specifically to answer the request of general lighting in office space. The Moon can be finished off in different fabrics and various 3D patterns. The LED module has an output of 2500 lumen at a colour temperature of 3000K. The diffuser gives it a “full moon” lighting experience. BuzziMoon is equally available in EU and US.

Design by BuzziSpace Studio

General

-  Round Suspended
 - LED disk: Powder coated metal body
 - Opaque diffuser
-  Acoustic Panel: Honeycomb cardboard + MDF
 - CME35H foam filling
 - Upholstered in Fabric, Rough, Trevira CS+ | CS, Terra
- Wattage: 29,4W
Input Voltage: 220 - 240V
Input Frequency: 50/60Hz
Lumen output: 2545 lumen
-  Colour Temperature: 3000K
Colour Rendering Index: 90
Unified glare rating: 22 (version with prismatic diffuser UGR 19 on request)
Efficacy: 87 Lm/W
Dimmable 1-10V Protocol
-  IP20 Dry usage
 - R-S Ø 80 cm
-  R-M Ø 100 cm
R-L Ø 120 cm
-  Flat, 3D Drop, 3D leaf, 3D Rib
-  Assembled

Certifications

CE/CB

Acoustics



Absorption



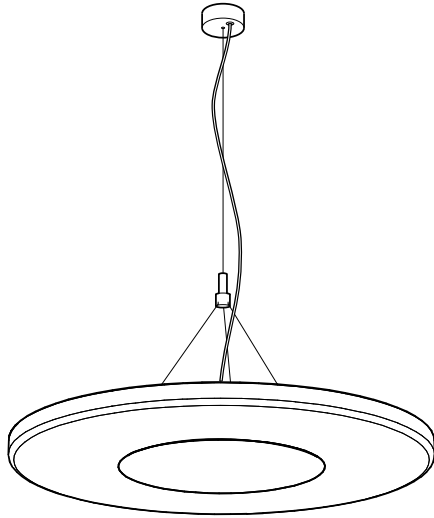
Diffusion

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Configurations

BuzziMoon Round Suspended



- ◆ Downlight
- LED disk integrated in an upholstered acoustic panel
- 3 silver metal suspension cables
- ▲ White powder coated metal ceiling canopy
- Transparent power cable

- ✘ R-S Ø 80 cm
- ✘ R-M Ø 100 cm
- ✘ R-L Ø 120 cm

- ⚖ S: 9,5kg
- M: 11,5kg
- L: 13,5 kg

- ⋮ Flat, 3D Drop, 3D leaf, 3D Rib

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

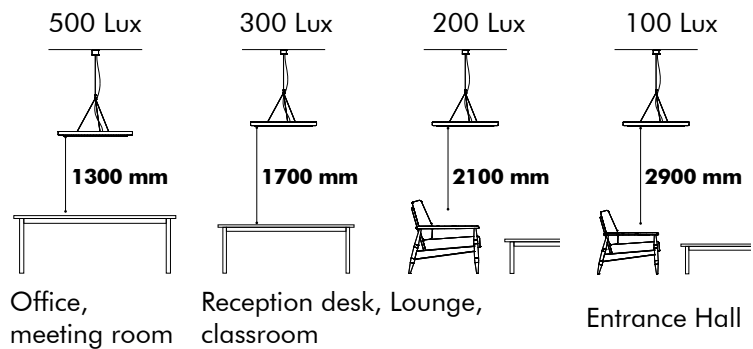
Composition

LED Disk



The LED disk has an aluminium frame which is finished in fine textured white powder coating. 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 Buzzimoon 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.



* According to EN12464

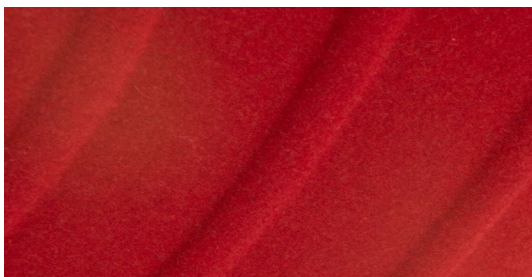
Suspension Set



Suspension set consists of a:

- metal ceiling canopy powder coated in white
- transparent power cable (length 4m)
- silver metal cables to suspend the Buzzimoon (length 4m)
- single silver metal cable exits the ceiling canopy and splits up into 3 metal cables to connect to the Buzzimoon

Acoustic Panel



The acoustic panel is upholstered front to back in a chosen fabric. The panel consists of honeycomb cardboard, MDF and CME35H foam filling.

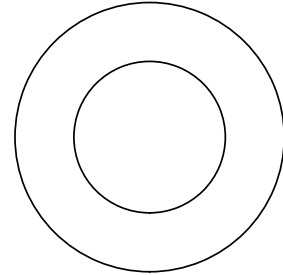
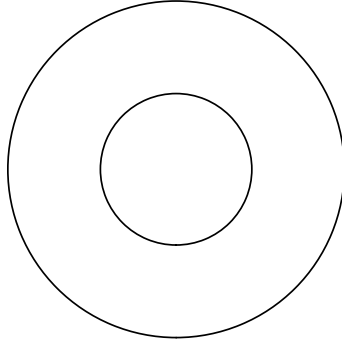
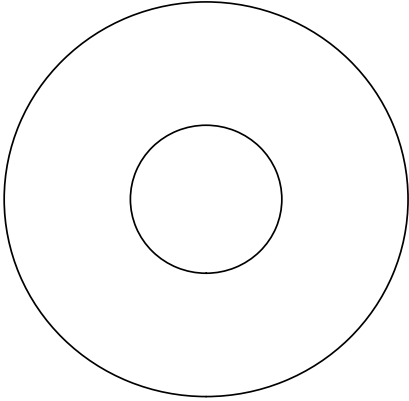
Patterns

Flat

L

M

S

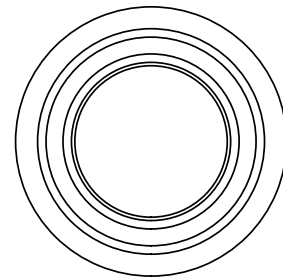
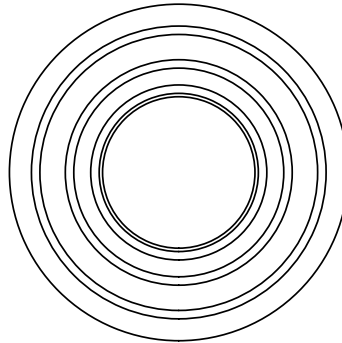
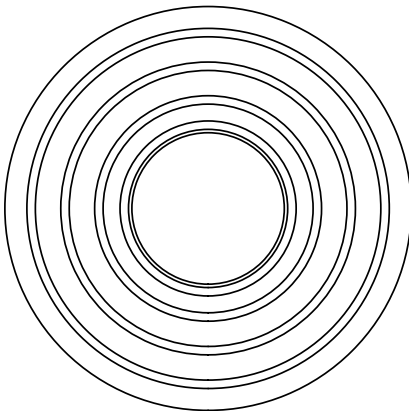


3D Drop

L

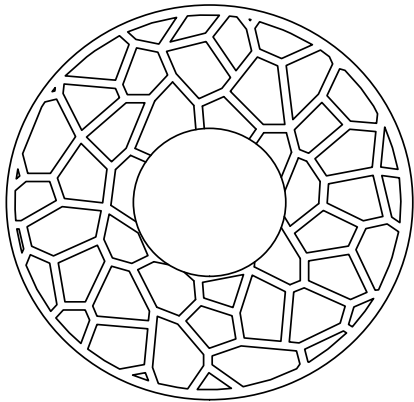
M

S

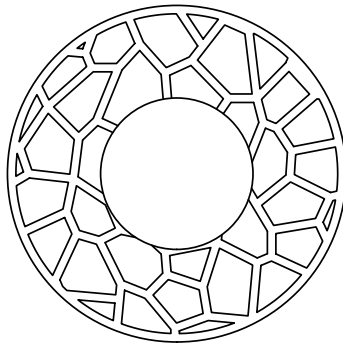


3D Leaf

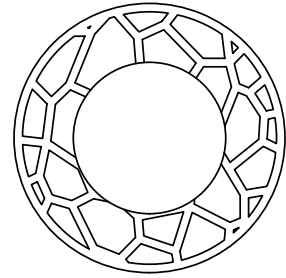
L



M

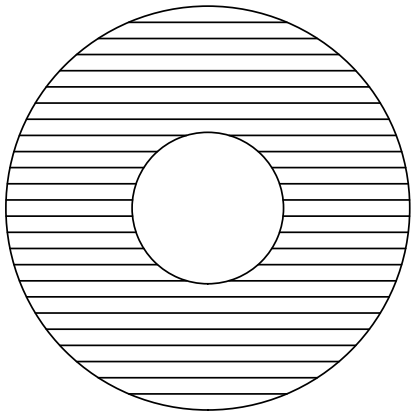


S

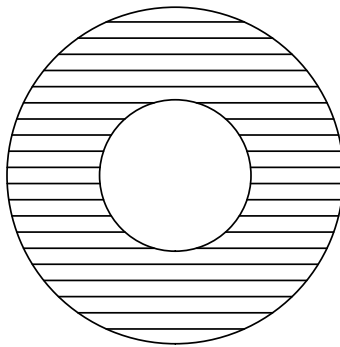


3D Rib

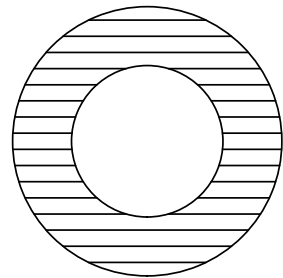
L



M

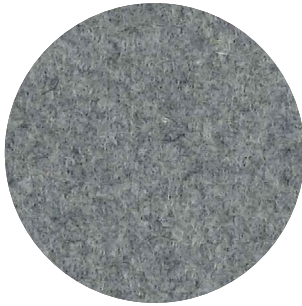


S



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



Rough



Category A

Composition 100% Polyacryl

Weight 456 g/m² | 13.45 oz/yd²

Abrasion resistance 40.000 Martindale

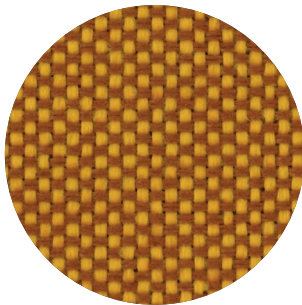
Flammability EU: EN 1021.1/2006 | BS EN 1021.1/2006 (cigarette)

Fastness to light EU: 5

Fastness to rubbing EU: Wet: 3 | Dry: 3



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 |
EN 1021/1-2

IMO Res. A652 (16)

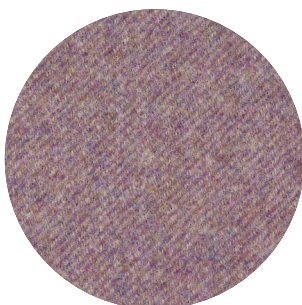
Fastness to light EU: 6 | USA 5

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

Fastness to crocking USA: Wet 5 | Dry 5



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

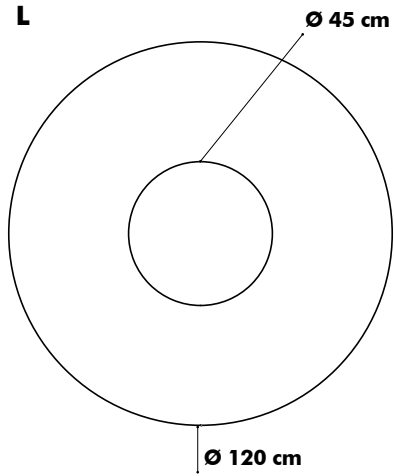
Fastness to crocking USA: Wet 4 | Dry 4



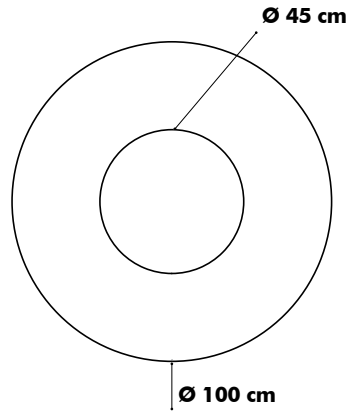
Dimensions

Acoustic Panel

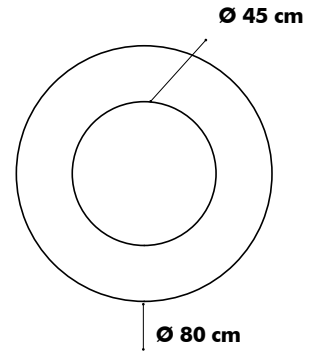
L



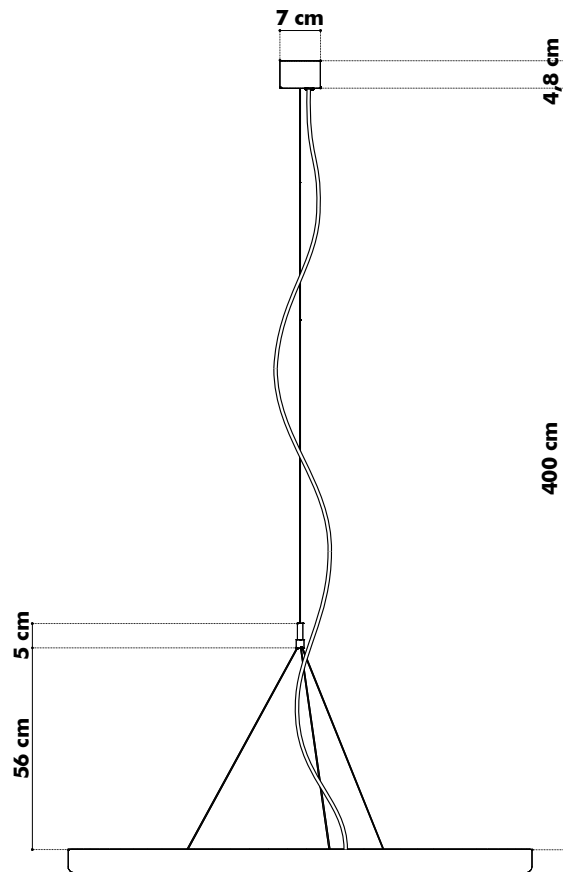
M



S



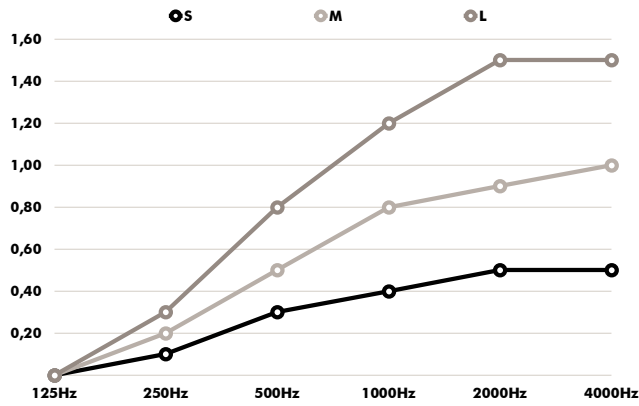
Suspension Set



Acoustics

BuzziMoon

Equivalent sound absorption area in m² per object



Hz	S Aeq/m ²	M Aeq/m ²	L Aeq/m ²
125	0.0	0.0	0.0
250	0.1	0.2	0.3
500	0.3	0.5	0.8
1000	0.4	0.8	1.2
2000	0.5	0.9	1.5
4000	0.5	1	1.5