BuzziJet 230V
Product Specification Sheet

This document contains technical information about the BuzziJet

www.buzzi.space
**Powerful acoustic circle of light**
Form follows function with BuzziJet, an intentionally simple design based on the principles of geometric acoustics. Wide in diameter, this cylindrical design allows sound waves to bounce back-and-forth within the radius of its circular body, and in turn mitigates noise. BuzziJet is considerable in size, yet appears lightweight and airy thanks to its upholstered foam core. Its soft presence evokes a majestic sense of serenity. Concealed inside the body, a powerful light source emits warm, pleasant light.

Design by BuzziSpace Studio

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### General

- Ceiling Suspended
  - S | M
- Upholstered acoustic foam shade
- LED disk with opaque diffusor
- Powder coated metal ceiling canopy in white (RAL 9010)
- Transparent power cable
  - 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 (19 on request)

- **IP20 Dry Usage**
- **Assembled**
- **Warning:** If installing on suspended ceiling, verify load capacity prior to installation

### Certifications

- CE/CB

### Acoustics

- Absorption
- Diffusion
- Low tone
- Mid tone
- High tone

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Configurations

BuzziJet S

- **Ceiling Suspended**
  - Upholstered acoustic foam shade
  - LED disk with opaque diffusor
- **Powder coated metal ceiling canopy and frame in white (RAL 9010)**
  - Transparent power cable
- **S: Ø 80 cm  H: 22.5 cm**
- **13 kg**
- **Ceiling Suspended Straight or Split**
- **Fixing System Screw**
  - 3x black or alu cables 2 - 4 m
- **If installing on suspended ceiling, verify load capacity prior to installation**

BuzziJet M

- **Ceiling Suspended**
  - Acoustic upholstered foam shade
  - LED disk with opaque diffusor
- **Powder coated metal ceiling canopy and frame in white (RAL 9010)**
  - Transparent power cable
- **M: Ø 80 cm  H: 45 cm**
- **15 kg**
- **Ceiling Suspended Straight or Split**
- **Fixing System Screw**
  - 3x black or alu cables 2 - 4 m
- **If installing on suspended ceiling, verify load capacity prior to installation**
Composition

Light source

The Light source is wrapped with an upholstered ring in the same fabric as the foam shade. The PMMA diffusor ensures an optimal light spread and efficiency. It creates a very diffuse light surface without any dottiness. The light source of the BuzziJet 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.

<table>
<thead>
<tr>
<th>Office, meeting room</th>
<th>Reception desk, lounge, classroom</th>
</tr>
</thead>
<tbody>
<tr>
<td>500 Lux</td>
<td>300 Lux</td>
</tr>
<tr>
<td>90 cm, 110 cm</td>
<td>130 cm, 150 cm</td>
</tr>
<tr>
<td>500 Lux</td>
<td>300 Lux</td>
</tr>
<tr>
<td>90 cm, 110 cm</td>
<td>130 cm, 150 cm</td>
</tr>
<tr>
<td>170 cm, 190 cm</td>
<td>250 cm, 270 cm</td>
</tr>
<tr>
<td>200 Lux</td>
<td>100 Lux</td>
</tr>
<tr>
<td>170 cm, 190 cm</td>
<td>250 cm, 270 cm</td>
</tr>
<tr>
<td>170 cm, 190 cm</td>
<td>250 cm, 270 cm</td>
</tr>
</tbody>
</table>

To ensure a continious light spread into account take following distances inbetween the BuzziJets

<table>
<thead>
<tr>
<th>500 Lux</th>
<th>300 Lux</th>
</tr>
</thead>
<tbody>
<tr>
<td>120 cm, 170 cm</td>
<td>120 cm, 170 cm</td>
</tr>
</tbody>
</table>

According to EN12464

Ceiling canopy and power cord

Suspension set consists of:
- metal ceiling canopy powder coated in white
- transparent power cable (length 4 m)
- separate metal cables to suspend the BuzziJet
  (in alu or black 2 m or 4 m)
Mounting

Ceiling Suspended Straight

Fixing System Screw with 3 cables of 2 or 4 m (black or alu)
Min. distance of shade to ceiling is 10 cm

Ceiling Suspended Split

Fixing System Screw with 3 split cables and 1 main cable, total length of 2 m or 4 m (black or alu)
Min. distance of shade to ceiling is 50 cm
# Fabrics

## Fabric

<table>
<thead>
<tr>
<th>Category</th>
<th>70% Recycled Wool, 25% Recycled Polyacryl, 5% Recycled Other Fabrics</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>405 g/m²</td>
</tr>
<tr>
<td>Weight</td>
<td>40,000 Martindale, 50,000 Wyzenbeek</td>
</tr>
<tr>
<td>Flammability</td>
<td>EN 1021.2/2006</td>
</tr>
<tr>
<td>USA: CAL TB 117</td>
<td>ASTM E84 CLASS A</td>
</tr>
<tr>
<td>Fastness to light</td>
<td>EU: 4</td>
</tr>
<tr>
<td>Fastness to rubbing</td>
<td>EU: Wet 3-4</td>
</tr>
<tr>
<td>Fastness to crocking</td>
<td>USA: Wet 5</td>
</tr>
</tbody>
</table>

## Rough

<table>
<thead>
<tr>
<th>Category</th>
<th>100% Polyacryl</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>456 g/m²</td>
</tr>
<tr>
<td>Weight</td>
<td>40,000 Martindale</td>
</tr>
<tr>
<td>Abrasion resistance</td>
<td>EN 1021.1/2006</td>
</tr>
<tr>
<td>USA: CAL TB 117</td>
<td></td>
</tr>
<tr>
<td>Fastness to light</td>
<td>EU: 5</td>
</tr>
<tr>
<td>Fastness to rubbing</td>
<td>EU: Wet: 3</td>
</tr>
</tbody>
</table>

## Trevira CS+ | CS

<table>
<thead>
<tr>
<th>Category</th>
<th>100% Polyester, Trevira CS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>420 g/m²</td>
</tr>
<tr>
<td>Weight</td>
<td>100,000 Martindale, 90,000 Wyzenbeek</td>
</tr>
<tr>
<td>Abrasion resistance</td>
<td>BS 5852 part II: CRIB 5</td>
</tr>
<tr>
<td>USA: CAL TB 117</td>
<td>M1</td>
</tr>
<tr>
<td>IMO Res. A652 (16)</td>
<td></td>
</tr>
<tr>
<td>Fastness to light</td>
<td>EU: 6</td>
</tr>
<tr>
<td>Fastness to rubbing</td>
<td>EU: Wet 4-5</td>
</tr>
<tr>
<td>Fastness to crocking</td>
<td>USA: Wet 5</td>
</tr>
</tbody>
</table>

## Revive 1

<table>
<thead>
<tr>
<th>Category</th>
<th>100% recycled polyester FR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition</td>
<td>430 g/in.m</td>
</tr>
<tr>
<td>Weight</td>
<td>60,000 Martindale rubs, EN ISO 12947</td>
</tr>
<tr>
<td>Abrasion resistance</td>
<td>EN 1021-1/2</td>
</tr>
<tr>
<td>IMO A.652 (16)</td>
<td></td>
</tr>
<tr>
<td>Fastness to light</td>
<td>Note 5-7, ISO 105-B02</td>
</tr>
<tr>
<td>Fastness to rubbing</td>
<td>ISO dry 5, wet 4-5</td>
</tr>
<tr>
<td>Pilling</td>
<td>Note 4-5, EN ISO 12945</td>
</tr>
</tbody>
</table>
## Revive 2

**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

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## 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: BSS5852 CRIB 5 | BSS5867 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

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## Clara 2

**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

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## Remix 2

**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**

**Category**: C  
**Composition**: 96% new wool, 4% nylon  
**Weight**: 580 g/lin.m  
**Abrasion resistance**: 45,000 Martindale rubs, EN ISO 12947  
**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

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**Tonus 4**

**Category**: D  
**Composition**: 90% new wool, 10% Helanca  
**Weight**: 665 g/lin.m  
**Abrasion resistance**: 100,000 Martindale rubs, EN ISO 12947  
**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

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**Memory 2**

**Category**: E  
**Composition**: 100% Trevira CS  
**Weight**: 700 g/lin.m  
**Abrasion resistance**: 35,000 rubs acc. to the Martindale method, EN ISO 12947  
**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

BuzziJet S

Straight

Dimensions

BuzziJet S

Split

Dimensions
BuzziJet M

Straight

200 - 400 cm

45 cm

9 cm

4,8 cm

Split

200 - 400 cm

40 cm

5 cm

4,8 cm

9 cm

4,8 cm

Ø 68 cm

80 cm

Ø 42.5 cm

BuzziSpace | BuzziJet 230V
Acoustics

BuzziJet
Equivalent sound absorption area in m² per object

<table>
<thead>
<tr>
<th>Hz</th>
<th>S Aeq/m²</th>
<th>M Aeq/m²</th>
</tr>
</thead>
<tbody>
<tr>
<td>125</td>
<td>0.25</td>
<td>0.60</td>
</tr>
<tr>
<td>250</td>
<td>0.44</td>
<td>0.90</td>
</tr>
<tr>
<td>500</td>
<td>0.74</td>
<td>1.50</td>
</tr>
<tr>
<td>1000</td>
<td>0.84</td>
<td>1.70</td>
</tr>
<tr>
<td>2000</td>
<td>0.89</td>
<td>1.80</td>
</tr>
<tr>
<td>4000</td>
<td>0.79</td>
<td>1.60</td>
</tr>
</tbody>
</table>