BuzziJet 120V
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: 29 W
- Input Voltage: 120-277V
- Input Frequency: 50/60 Hz
- Lumen Output: 2545 lumen
- Color Temperature: 3000 K
- Color Rendering Index: >90
- Dimmable: 1-10 V Protocol
- Unified Glare Rating: 22

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

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**Certifications**

cULus Listed

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**Acoustics**

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

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**Content**

| Configurations | 3 | Fabrics | 6 |
| Composition | 4 | Dimensions | 9 |
| Mounting | 5 | Acoustics | 11 |

2 | BuzziSpace | BuzziJet 120V
Configurations

**BuzziJet S**

- Ceiling Suspended
  - Upholstered acoustic foam shade
  - LED disk with opaque diffuser
- Powder coated metal ceiling canopy and frame in white (RAL 9010)
  - Transparent power cable
- **S**: Ø 31.50”  H: 8.86”
- **29.76 lbs**
- Ceiling Suspended Straight or Split
- Fixing System Screw
  - 3x black or alu cables 78.74” - 157.48”
- **!** If installing on suspended ceiling, verify load capacity prior to installation

**BuzziJet M**

- Ceiling Suspended
  - Acoustic upholstered foam shade
  - LED disk with opaque diffuser
- Powder coated metal ceiling canopy and frame in white (RAL 9010)
  - Transparent power cable
- **M**: Ø 31.50”  H: 17.72”
- **33.07 lbs**
- Ceiling Suspended Straight or Split
- Fixing System Screw
  - 3x black or alu cables 78.74” - 157.48”
- **!** 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>35.43” 43.31” 500 Lux</td>
<td>51.18” 59.06” 300 Lux</td>
</tr>
<tr>
<td>66.93” 74.80” 200 Lux</td>
<td>98.43” 106.30” 100 Lux</td>
</tr>
</tbody>
</table>

To ensure a continuous 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>47.24”</td>
<td></td>
</tr>
<tr>
<td>47.24”</td>
<td></td>
</tr>
<tr>
<td>66.93”</td>
<td></td>
</tr>
</tbody>
</table>

According to EN12464

Ceiling canopy and power cord

Suspension set consists of a:
- metal ceiling canopy powder coated in white
- transparent power cable (length 157.48”)
- separate metal cables to suspend the BuzziJet (in alu or black 78.74” or 157.48”)

4 | BuzziSpace | BuzziJet 120V
Mounting

Ceiling Suspended Straight

Fixing System Screw with 3 cables of 78.74” or 157.48” (black or alu)
Min. distance of shade to ceiling is 3.94”

Ceiling Suspended Split

Fixing System Screw with 3 split cables and 1 main cable, total length of 78.74” or 157.48” (black or alu)
Min. distance of shade to ceiling is 19.69”
## 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**:  
  - 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)  
  - USA: CAL TB TB 117  
- **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 | 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

- **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  
  - 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

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

Terra

Category B  
Composition 100% Pure New Wool  
Weight 370 g/m² | 10.91 oz/yard²  
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

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

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  
**Flammability** EN 1021-1/2 | DIN 4102 B2 | NF D 60 013  
  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

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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  
**Flammability** EN 1021-1/2 | BS 5852 part 1 | DIN 4102 B2  
  Önorm B1/Q1 | NF D 60 013 | UNI 9175 1IM  
**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  
**Flammability** EN 1021-1/2 | DIN 4102 B1 | Önorm B1/Q1  
  NF D 60 013 | NF P 92 507 M1 | UNI 9175 1IM  
  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

BuzziJet S

Straight

Split

Diagram showing dimensions of BuzziJet S, including measurements for straight and split configurations.
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>