BuzziZepp LED Line
220-240V
Product Specification Sheet

This document contains technical information about the BuzziZepp LED Line

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

Content

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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 enlighten your workplace with optimal lux levels take the following measurements into account:

<table>
<thead>
<tr>
<th>BuzziZepp Small</th>
<th>BuzziZepp Medium</th>
</tr>
</thead>
<tbody>
<tr>
<td>500 Lux</td>
<td>500 Lux</td>
</tr>
</tbody>
</table>

Office, meeting room

* According to EN12464

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**Acoustic panel**

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

Fixing System acoustic panel

Fixing System 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  
**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

**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  
**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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| 6 | BuzziSpace | BuzziZepp LED Line 220-240V |
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

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

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

**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
- NFPA 260 | IMO FTP Code 2010:Part 8

**Fastness to light** Note 4-5, ISO 105-B02

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

**Pilling** Note 4, EN ISO 12945

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Hero

**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

**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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Tonus Meadow

**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 4-5, wet 4

**Pilling** Note 3, EN ISO 12945
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

Matrix

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
                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
Acoustics

BuzziZepp

Absorption coefficient

<table>
<thead>
<tr>
<th>Hz</th>
<th>$\alpha^s$ Small</th>
<th>$\alpha^s$ Medium</th>
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<tbody>
<tr>
<td>125</td>
<td>0.20</td>
<td>0.20</td>
</tr>
<tr>
<td>250</td>
<td>0.50</td>
<td>0.61</td>
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<tr>
<td>500</td>
<td>0.95</td>
<td>1.02</td>
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<tr>
<td>1000</td>
<td>1.04</td>
<td>1.15</td>
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<tr>
<td>2000</td>
<td>1.04</td>
<td>1.13</td>
</tr>
<tr>
<td>4000</td>
<td>1.00</td>
<td>1.15</td>
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</tbody>
</table>

Absorption Values Small

$\alpha^w$ (ISO 11654) 0.80

NRC (ASTM - C423) 0.90

SAA (ASTM - C423) 0.88

Class (ISO 11654) A

Absorption Values Medium

$\alpha^w$ (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

<table>
<thead>
<tr>
<th>Hz</th>
<th>Aeq/m² Small</th>
<th>Aeq/m² Medium</th>
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</thead>
<tbody>
<tr>
<td>125</td>
<td>0.40</td>
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<tr>
<td>250</td>
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<tr>
<td>500</td>
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<td>3.3</td>
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<tr>
<td>1000</td>
<td>2.50</td>
<td>3.7</td>
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<tr>
<td>2000</td>
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<td>3.7</td>
</tr>
<tr>
<td>4000</td>
<td>2.40</td>
<td>3.7</td>
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</table>

Glossary p.13
Glossary

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

Definitions

<p>| | | | | | |</p>
<table>
<thead>
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<tbody>
<tr>
<td><strong>α</strong></td>
<td>Weighted absorption coefficient</td>
<td>(ISO 11654)</td>
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<tr>
<td><strong>NRC</strong></td>
<td>Noise reduction coefficient</td>
<td>(ASTM - C423)</td>
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<tr>
<td><strong>SAA</strong></td>
<td>Sound absorption average</td>
<td>(ASTM - C423)</td>
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</table>

Classification of sound absorbers

**NEN-EN-ISO 11654**

<table>
<thead>
<tr>
<th>A</th>
<th>0.90</th>
<th>0.95</th>
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<tr>
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<tr>
<td>D</td>
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</tr>
<tr>
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