Acoustic Lighting

ecoPET

207 PET BOTTLES

up to 7.80 m² ACOUSTIC SURFACE

Bell

GERMAN DESIGN AWARD GOLD 2023

DESIGN PLUS powered by: light+building 2022

EN Bell embodies a contemporary reinterpretation of a traditional lampshade but enlarged to massive dimensions. This hanging lamp comes in two sizes – large and extra-large. With its elegant language of form and material softness, this pendant luminaire yields a visually highly appealing quality in every office space – additionally, the acoustic properties of the lampshade that absorb sounds improve the work comfort. The lamp concept is based on a bell-shaped with a ribbed arrangement that lends the shade an elegant and spatial appearance, while its ecoPET panels quality creates a pleasant room ambiance. The wide light distribution angle of the pendant luminaire allows homogeneous illumination of vast areas, while the glare-free light is perceived as efficient and easy on the eye.

DE Bell verkörpert eine zeitgemäße Neuinterpretation eines traditionellen Lampenschirms, der jedoch auf massive Dimensionen vergrößert wurde. Diese Hängelampe ist in zwei Größen erhältlich – groß und extragroß. Mit ihrer eleganten Formensprache und weichen Materialität verleiht diese Pendelleuchte jedem Büroraum eine optisch sehr ansprechende Note – zusätzlich verbessern die akustischen Eigenschaften des Lampenschirms den Arbeitskomfort. Das Konzept basiert auf einer Glockenform mit gerippter Anordnung, die dem Schirm ein elegantes und räumliches Erscheinungsbild verleiht, während das ecoPET anteil ein angenehmes Raumambiente schafft. Der breite Lichtverteilungswinkel der Pendelleuchte ermöglicht eine homogene Ausleuchtung großer Flächen, während das blendfreie Licht als effizient und angenehm für das Auge empfunden wird.

Example

Bell	standard power	3000 K	no frame	ARCHI felt color 1201 Cloud
↑	↑	↑	↑	↑
2117 – 01 – 2 – 8 – 3 – 01 – 00 – 2 – archi1201				
↓	↓	↓	↓	↓
size L	DALI	luminaire black 9005	pendant	

Quickinfo

	Bell L ■ 01	Bell XL A ■ 02	Bell XL B ■ 03
luminaire size	Ø570×415	Ø945×620	Ø945×620
light source size	Ø140×162	Ø320×57	Ø600×83
system power	↓15 W ST ~ 2 ↓23 W HI ~ 3	↓10 W LO ~ 1 ↓15 W ST ~ 2 ↓20 W HI ~ 3	48 W ~ 2 (↑14 W ↓34 W) 60 W ~ 3 (↑18 W ↓42 W)
luminous flux	↓1077 lm ↓1508 lm	↓1200 lm ↓1800 lm ↓2400 lm	6720 lm (↑1800 lm ↓3940 lm) (48 W) 8400 lm (↑2300 lm ↓6100 lm) (60 W)
UGR	< 19		< 19
light distribution – up			95°
light distribution – down	40°	150°	95°
luminous efficiency	74 lm/W	110 lm/W	140 lm/W
color temperature	3000 K ● 3 4000 K ● 4	3000 K ● 3 4000 K ● 4	3000 K ● 3 4000 K ● 4

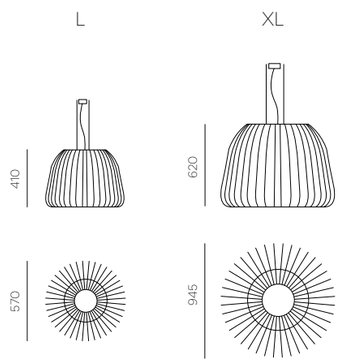
Technical information

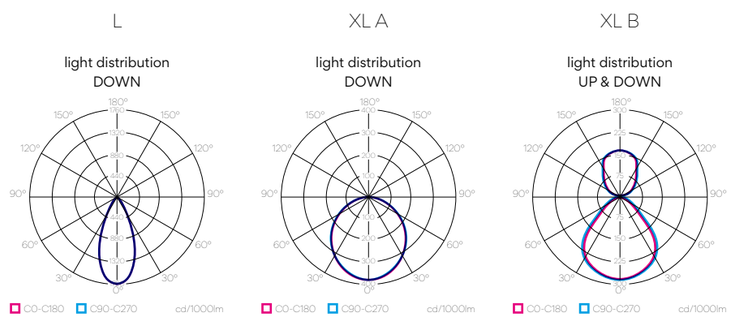
IP20 | >90 CRI | SDCM 3 | ~230V | dip switch

electrical control	ON / OFF	▲ 9
	DALI	▲ 8
luminaire color	black (size L, XL)	⬟ 01
	white	⬟ 02
reflector color	black 9005 (size L)	✱ 01
	white 9010 (size L)	✱ 02
	silver (size L)	✱ 04
	gold (size L)	✱ 05
fabric color	ARCHI felt ecoPET color palette archixxx – choose color from page 304	◆ archixxx

Create my unique code!

2117 – ■ – ~ – ▲ – ● – ⬟ – 00 – 2 – ◆

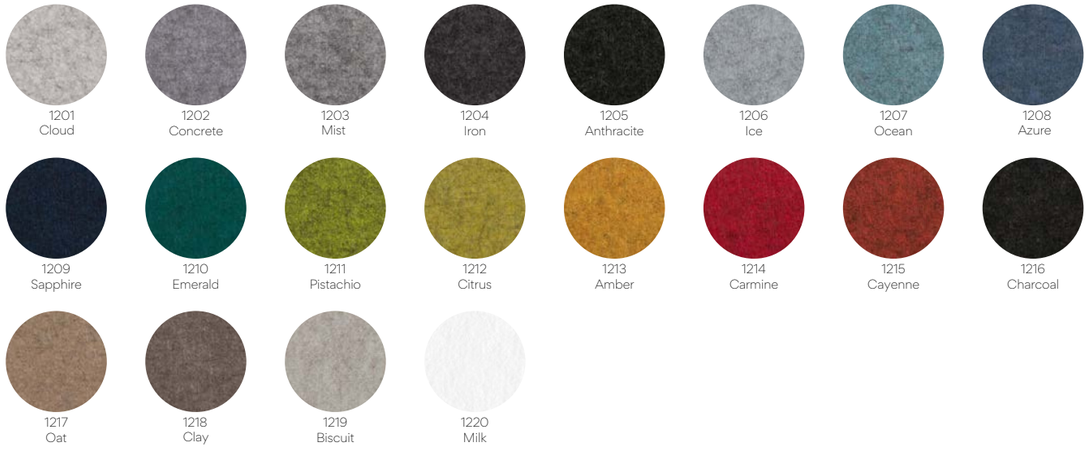




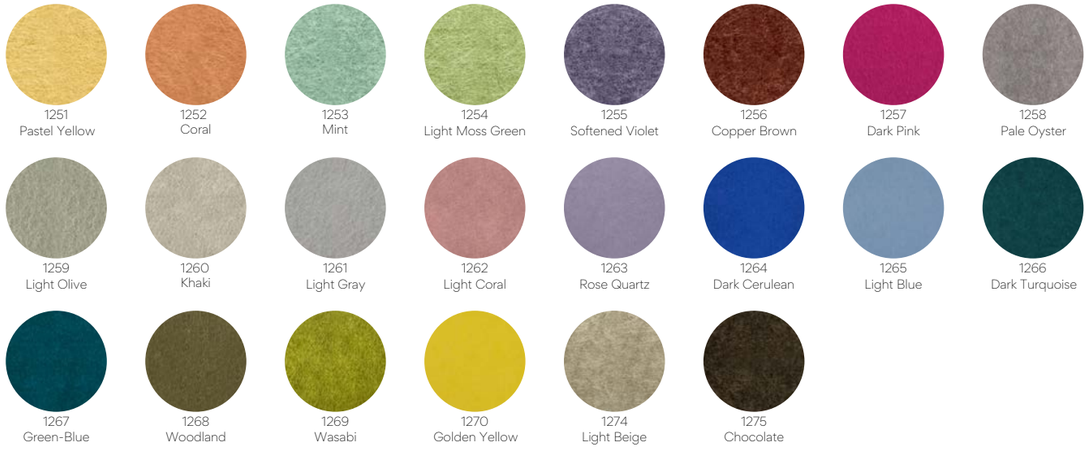
ARCHI felt ecoPET 12 mm

EN The high-quality PET sound panels are robust and durable, with a slightly textured surface that can be washed. They have excellent sound-absorbing properties, are flame-resistant and recyclable.

DE HochwertigePET-Akustikplatten sind massiv, strapazierfähig, mit einer leichttextilen Oberfläche, die gewaschen werden kann. Sie haben hervorragende Schalldämmeigenschaften, sind schwer entflammbar und können recycelt werden.



Special colors



ARCHI felt ecoPET properties

Measurements: 2800 mm × 1200 mm × 12 mm (gross size)
Flammability Class: B-s1,d0
Acoustic values

Mounting method	Directly on the wall	50 mm cavity	50 mm cavity + 50 mm rockwool	100 mm cavity	100 mm cavity + 100 mm rockwool
NRC (100–5000 Hz)	0.40	0.75	0.95	0.80	1.00
aw (100–5000 Hz)	0.25	0.60	1.00	0.80	0.95
Acoustic Class	D	C	A	B	A

Take a closer look at sustainably manufactured ARCHIfelt ecoPET:

- is fire resistant to prevent the spread of fire
- is made from recycled plastic bottles and is fully recyclable again
- has a favorable sustainability profile (compared to glass and aluminum)
- does not contain VOCs or formaldehyde binders
- does not degrade, crumble or rot
- is durable and easy to clean
- provides excellent sound absorption properties

Guidelines for cleaning and maintenance of materials used in flexxica luminaires.

To maintain the beautiful color and appearance of flexxica lighting fittings, we recommend gentle vacuuming with a soft tip, preferably weekly.
EcoPET material
The ecoPET is made of 60% recycled PET bottles. It is straightforward to maintain, and stains can be removed easily and hassle-free.
Cleaning: Never rub hard to remove a stain. Always use a clean white cotton cloth with a bit of detergent.