Acoustic Lighting

ecoPET

Donut

EN This pendant office luminaire features a novel operation that shapes the healthy atmosphere of a workplace with its acoustic capabilities and homogeneous illumination of a high-quality LED light that minimises fatigue on the eyes. The glare-free pendant luminaire complies with demanding technical and ergonomic requirements, suitable for use in an open office space or conference room. Donut's body projects a formal simplicity and conveys a high sense of elegance. The glowing diffuser surface with a micro prismatic bottom complements the design. Following a sustainable design principle, Donut is made of ecoPET – synthetic felt panels manufactured from recycled PET bottles. ecoPET is non-flammable and is characterised by high durability and easy maintenance.

DE Diese Büro-Pendelleuchte verfügt über eine neuartige Funktionsweise, die einer akustischen Fähigkeit und der homogenen Ausleuchtung eines hochwertigen LED-Lichts, das die Ermüdung der Augen minimiert, und die gesunde Atmosphäre eines Arbeitsplatzes prägt. Die blendfreie Pendelleuchte erfüllt hohe technische und ergonomische Anforderungen, geeignet für den Einsatz in Großraumbüros oder Konferenzräumen. Sein erscheinen strahlt eine formale Schlichtheit aus und vermittelt ein hohes Maß an Eleganz. Die leuchtende Diffusorfläche mit mikroprismatischem Boden ergänzt das Design. Nach einem nachhaltigen Designprinzip besteht Donut aus ecoPET – synthetischen Filzplatten, die aus recycelten PET-Flaschen hergestellt werden. ecoPET ist nicht brennbar und zeichnet sich durch hohe Haltbarkeit und einfache Pflege aus.

Example

Donut	standard power	4000 K	no frame	ARCHI felt color 1201 Cloud
↑	↑	↑	↑	↑
2123 – 00 – 2 – 8 – 4 – 01 – 00 – 3 – archi1201				
↓	↓	↓	↓	
one size	DALI	luminaire black	pendant up & down	

Quickinfo

luminaire size	Ø 1200 × 220
light source size	Ø 600 × 83
system power	48 W (↑14 W ↓34 W) ~ 2 60 W (↑18 W ↓42 W) ~ 3
luminous flux	6720 lm (↑1800 lm ↓3940 lm) (48 W) 8400 lm (↑2300 lm ↓6100 lm) (60 W)
UGR	< 19

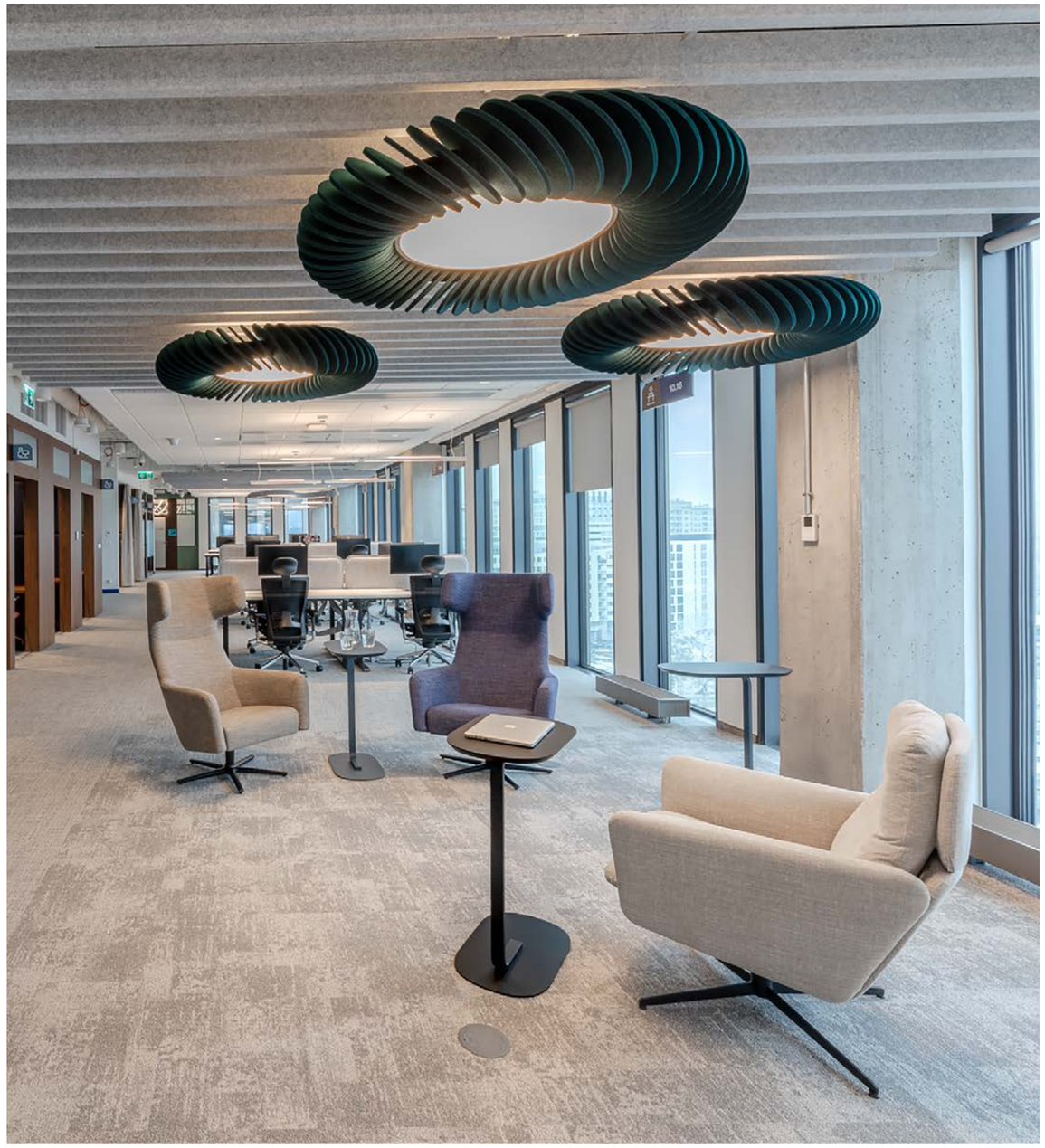
Technical information

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

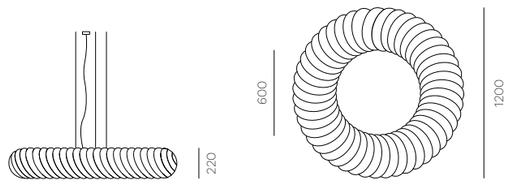
light distribution – up	95°	
light distribution – down	95°	
luminous efficiency	140 lm/W	
electrical control	ON / OFF	▲ 9
	DALI	▲ 8
color temperature	3000 K	○ 3
	4000 K	○ 4
luminaire color	black	⬟ 01
	white	⬟ 02
fabric color	ARCHI felt ecoPET color palette archixxx – choose color from page 302	◆ archixxx

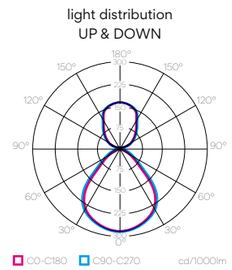
Create my unique code!

2123 – 00 – ~ – ▲ – ○ – ⬟ – 00 – 3 – ◆



BAT DBS THE DESIGN GROUP

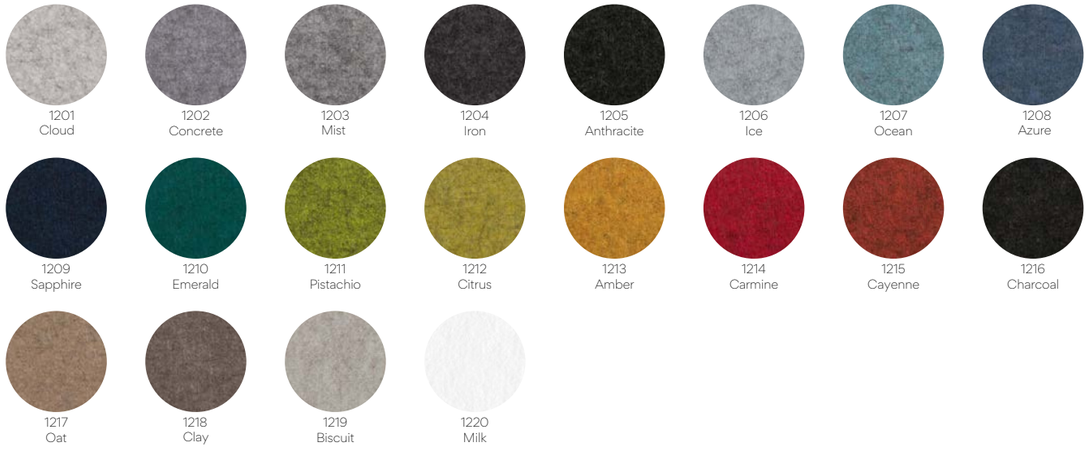




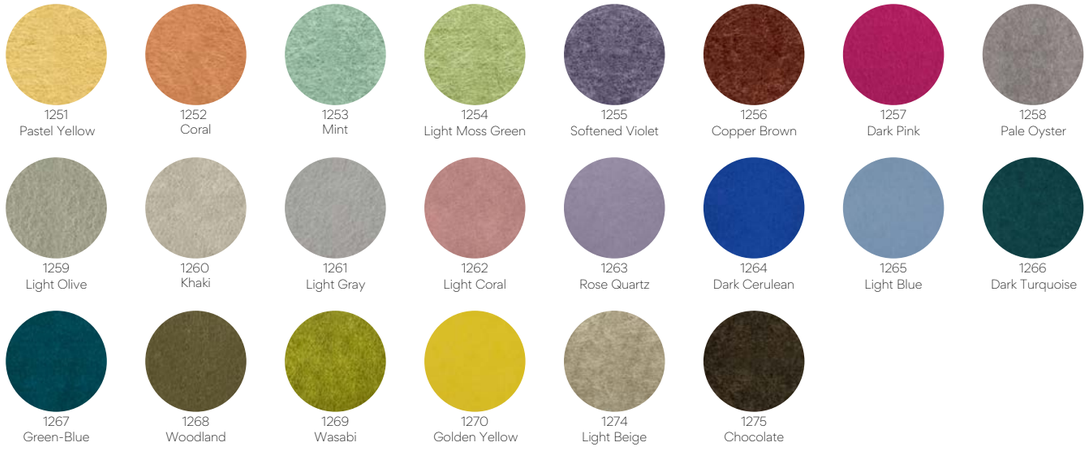
ARCHI felt ecoPET 12 mm

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.