95 PET BOTTLES

up to **3.60 m²** ACOUSTIC SURFACE

69 PET BOTTLES

up to **2.60 m²** ACOUSTIC SURFACE

Blade X / Blade Y

EN Blade X and Blade Y are innovative acoustic luminaires designed to address both lighting and sound-absorption needs in various environments, particularly open-plan offices. The X and Y shaped designs, created with three and four PET panels respectively, highlight their unique structure, which allows for efficient absorption of ambient noise. These panels likely consist of sound-absorbing materials to help dampen and minimize unwanted sound reflections, contributing to a quieter and more focused work environment. These luminaires offer high-quality light sources alongside their acoustic features. This means they can provide effective illumination for multiple workstations.

DE Blade X und Blade Y sind innovative Akustikleuchten, die sowohl den Anforderungen an die Beleuchtung als auch an die Schallabsorption in verschiedenen Umgebungen, insbesondere in Großraumbüros, gerecht werden. Die X- und Y-förmigen Designs, die aus drei bzw. vier PET-Paneelen bestehen, heben ihre einzigartige Struktur hervor, die eine effiziente Absorption von Umgebungsgeräuschen ermöglicht. Diese Paneele bestehen wahrscheinlich aus schallabsorbierenden Materialien, die unerwünschte Schallreflexionen dämpfen und minimieren und so zu einer ruhigeren und konzentrierteren Arbeitsumgebung beitragen. Diese Leuchten bieten neben ihren akustischen Eigenschaften auch hochwertige Lichtquellen. Das bedeutet, dass sie eine effektive Beleuchtung für mehrere Arbeitsplätze bieten können.

Create my unique code!

Blade X 2152 – 00 – ~ – ▲ – ✿ – ♥ – ✳ – 2 – ◆

Blade Y 2153 – 00 – ~ – ▲ – 65° – ♥ – ✳ – 2 – ◆

Example

Blade X	standard power	4000 K		dark optics 65° with black reflecor	ARCHI felt color 1201 Cloud
↑	↑	↑		↑	↑
2152 – 00	– 2	– 8 – 4	– 01	– 20 – 2	– archi1201
	↓	↓	↓	↓	
	one size	DALI	luminaire black 9005	pendant	

Quickinfo

	Blade X	Blade Y
luminaire size	1240×1240×390	1035×1035×390
light source size	4 × 560×28	3 × 560×28
system power	↓39.6 W*	↓29.7 W*
luminous flux	↓4468 lm*	↓3351 lm*

Technical information

IP20 >90 CRI <19 UGR SDCM 3 ~230V
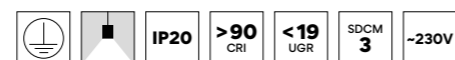
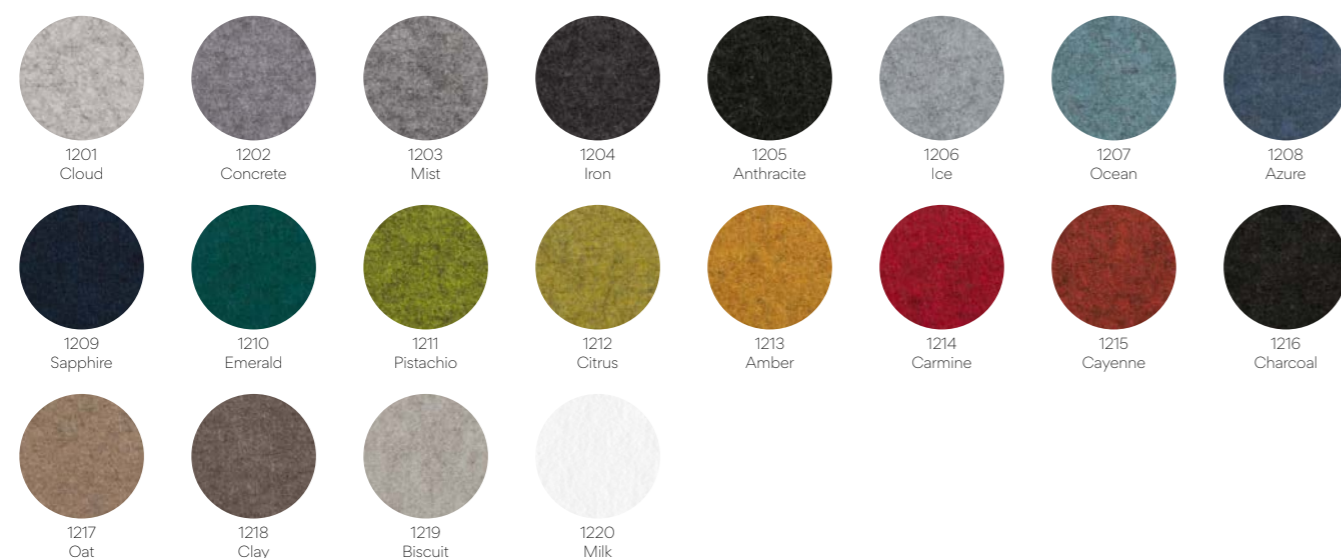|				
lighting power	low		~ 1	
	standard		~ 2	
	high		~ 3	
light distribution – down	120° opal			
	60° microprismatic			
	65° dark optics			
	55° dark optics			
luminous efficiency	**LO**	**ST**	**HI**	
65°	118 lm/W	113 lm/W	108 lm/W	*
55°	117 lm/W	112 lm/W	107 lm/W	*
electrical control	ON/OFF		▲ 9	
	DALI		▲ 8	
color temperature	3000 K		✿ 3	
	4000 K		✿ 4	
on request:	TUNABLE WHITE		✿ 9	
luminaire color	black 9005		♥ 01	
	white 9010		♥ 02	
optics	opal		✳ 10	
	microprismatic		✳ 11	
	dark optics 65° (black reflector)		✳ 20	
	dark optics 65° (white reflector)		✳ 21	
	dark optics 65° (silver reflector)		✳ 22	
	dark optics 55° (black reflector)		✳ 23	
	dark optics 55° (white reflector)		✳ 24	
	dark optics 55° (silver reflector)		✳ 25	
fabric color	ARCHI felt ecoPET color palette archixxx – choose color from page 266		◆ archixxx	

* Photometric data: dark optics 65°, white reflector, 4000 K

X

Y

1240 / 53

1035 / 53

593

390

390

light distribution DOWN 55°

light distribution DOWN 65°

□ C0-C180   □ C90-C270   cd/1000lm

□ C0-C180   □ C90-C270   cd/1000lm
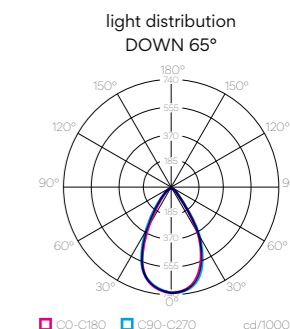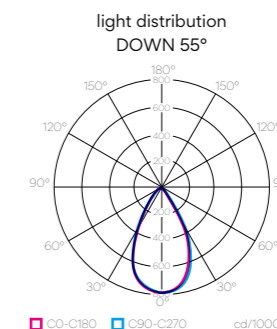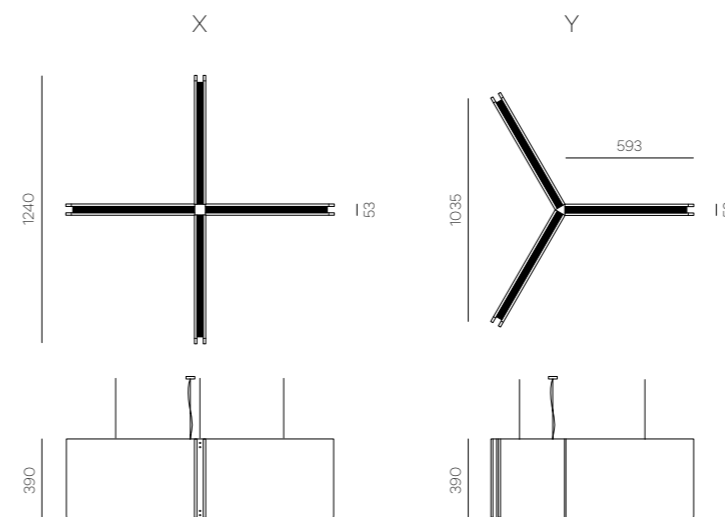
ARCHI felt ecoPET 12 mm

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

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

1201 Cloud	1202 Concrete	1203 Mist	1204 Iron	1205 Anthracite	1206 Ice	1207 Ocean	1208 Azure
1209 Sapphire	1210 Emerald	1211 Pistachio	1212 Citrus	1213 Amber	1214 Carmine	1215 Cayenne	1216 Charcoal
1217 Oat	1218 Clay	1219 Biscuit	1220 Milk				

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

Flexxica wool felt 5 mm

EN Flexxica wool felt color palette is high-quality 5 mm thick felt. Wool felt has many technical uses, including, among others, in acoustics. The natural properties of wool make this felt not only look designer but also absorb noise and sound perfectly.
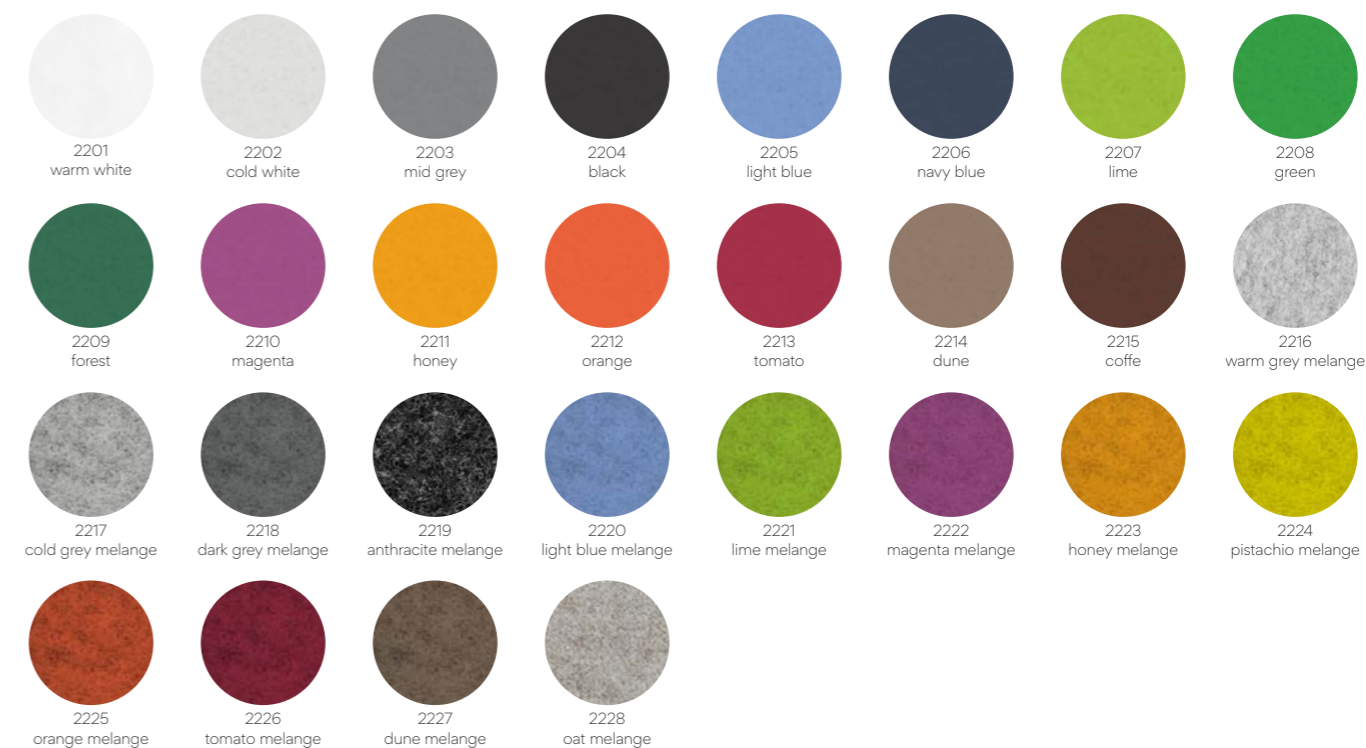
DE Die Farbpalette von Flexxica Wollfilz ist hochwertiger 5 mm dicker Filz. Wollfilze haben viele technische Anwendungen, u. a. in der Akustik. Die natürlichen Eigenschaften der Wolle verleihen diesem Filz nicht nur ein Design-Look, sondern auch eine perfekte Dämpfung von Lärm und Geräuschen.

2301 raw white	2302 yellow	2303 orange	2304 fire	2305 cherry	2306 rosy	2307 magenta	2308 violet
2309 azure	2310 dark blue	2311 petrol blue	2312 lime	2313 fir-tree green	2314 chocolate	2315 black	2316 dark brown melange
2317 light grey melange	2318 anthracite melange	2319 beige brown melange					

Flexxica felt 5 mm

EN Flexxica felt color palette is a wide range of flame-retardant design felts with a velour finish and high noise reduction properties. They are available in many colors, ideal for many decorative projects, including upholstery and interiors.

DE Die flexxica-Farbpalette für Filze ist eine große Auswahl an schwer entflammbaren Designfilzen mit Velours-Finish und hohen Geräuschminderungseigenschaften. Sie sind in vielen Farben erhältlich, ideal für viele dekorative Projekte, einschließlich Polsterung und Innenausstattung.

2201 warm white	2202 cold white	2203 mid grey	2204 black	2205 light blue	2206 navy blue	2207 lime	2208 green
2209 forest	2210 magenta	2211 honey	2212 orange	2213 tomato	2214 dune	2215 coffe	2216 warm grey melange
2217 cold grey melange	2218 dark grey melange	2219 anthracite melange	2220 light blue melange	2221 lime melange	2222 magenta melange	2223 honey melange	2224 pistachio melange
2225 orange melange	2226 tomato melange	2227 dune melange	2228 oat melange				

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.

Stain removal – the golden rule
Remove the stain as soon as possible. Most stains can be removed with lukewarm water, possibly with the addition of a neutral detergent.

Merino wool felt
Wool is antistatic and does not attract dirt like other fabrics. Wool is also water-repellent, so the liquids slowly penetrate the fabric.
Cleaning: First, soak up as much liquid as possible with a white kitchen towel or cloth. If the stain has dried, remove as much as possible with a vacuum cleaner. Wipe carefully with a clean white cloth.

Upholstered material
Upholstery in flexxica luminaires is highly versatile and durable. The material is antistatic and fireproof, so stains are easily removed.
Cleaning: Do not wet the entire lampshade. Always use a clean white cotton cloth and only use small amounts of cleaning agent at a time.

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.

Glass luminaires
Boya is made in a traditional blown-glass technology, therefore it requires special and delicate cleaning care.
Cleaning: Use a soft, lint-free microfiber or cotton cloth with distilled water (optimal) or mild glass cleaner or a solution of equal parts water and white vinegar. Wipe carefully with a clean white cloth.

WARNING!
Benzene, acetone, and similar solvent-based products may discolor the materials of the flexxica luminaires. Before use, apply a small amount of the product to an inconspicuous spot to ensure it doesn't cause any damage or discoloration.

Please note that the actual appearance of flexxica's felt and fabric lighting fixtures may vary from the images shown in the catalog. This is because each type of felt and fabric possesses its own distinct characteristics. This is not a disadvantage of the luminaire but an advantage – each product is unique and unrepeatable.

Keep in mind that the colors of PET, felts, and fabric may differ slightly from what you see in the catalog. For the most accurate representation, we recommend referring to our sample book.

Due to the production process of both felt and PET, there may be slight variations in material between different production batches. Additionally, please take into consideration that PET boards have distinct left and right sides, along with a specific fiber arrangement. This is particularly important to consider when installing larger structures, such as wall-mounted panels.