

# EcoPET

the Lamp



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## the Lamp

Light up your space



absorption



mid tones



high tones

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Publication: 11.2024





Did you know, that light fitting  
can also double up as an effective  
acoustic system?

Let us present EcoPET the Lamp –  
an innovative solution for demanding  
interiors.





Get carried away by your imagination and brighten up your space with the multi-coloured shapes of EcoPET the Lamp!



EcoPET the Lamp

architected sound



architected sound

EcoPET the Lamp





# EcoPET the Lamp



absorption



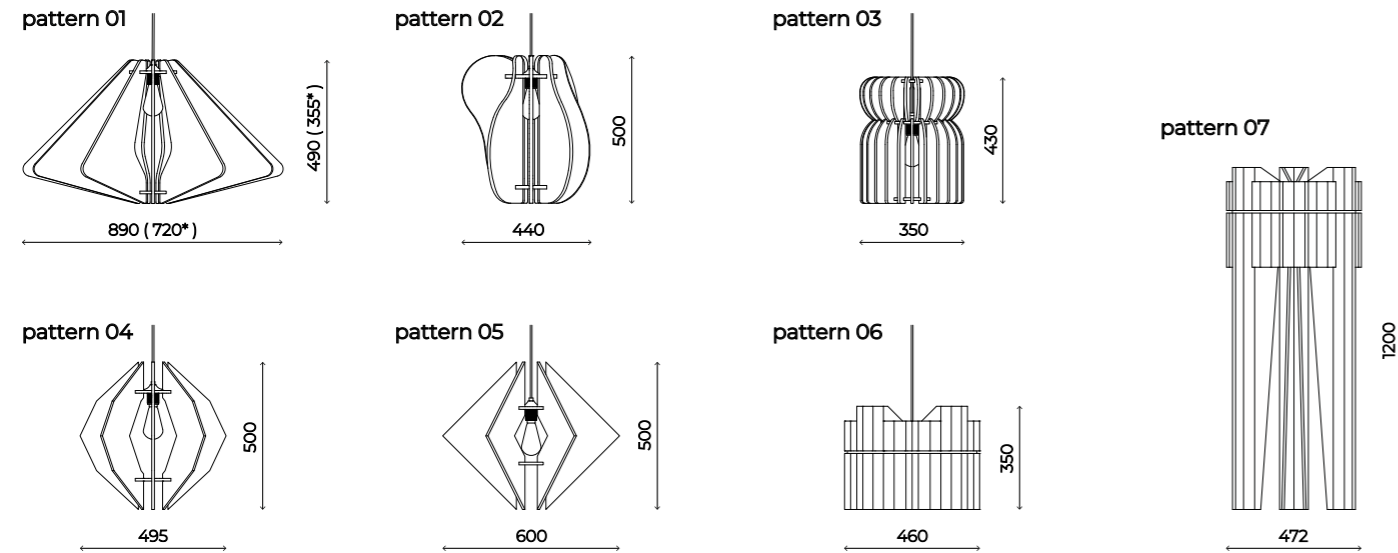
mid tones



high tones

EcoPET the Lamp is an acoustic light fitting with high sound absorption efficiency. It is made of EcoPET and EcoFELT, non-dusting and 100% environmentally friendly materials. By replacing standard lamps, EcoPET the Lamp will not only provide proper lighting, but also reduce reverberation noise, ensuring perfect comfort and silence in any interior.

## patterns



## Size

Various sizes and shapes available, depending on the design concept.

## Thickness

9 - 15 mm

## Area weight

2 000 - 2 900 g/sqm

## Material

EcoPET and EcoFELT - pressed polyester PET fibers. Colour guide available on request.

## Fire safety

Made out of materials with flammability class at least C-s2, d0.

## Designer

IAMC Team

## Country of production

Poland

## Category

absorption

## Description

EcoPET the Lamp is an acoustic sound-absorbing light fitting. It is made of compressed PET polyester fibers - a non-toxic, odorless and non-dusting material. The ability to cut elements in various shapes and colours makes EcoPET the Lamp also a decor element of the room and fits well with design of any interior. The Lamp is mounted using standard ceiling or wall lamp fixing systems.

## Application

Standard office and open-plan spaces, lobbies, corridors and waiting rooms, conference rooms, restaurants, interiors in private homes and public buildings, e.g. schools, universities, libraries, agencies.

## Custom-made

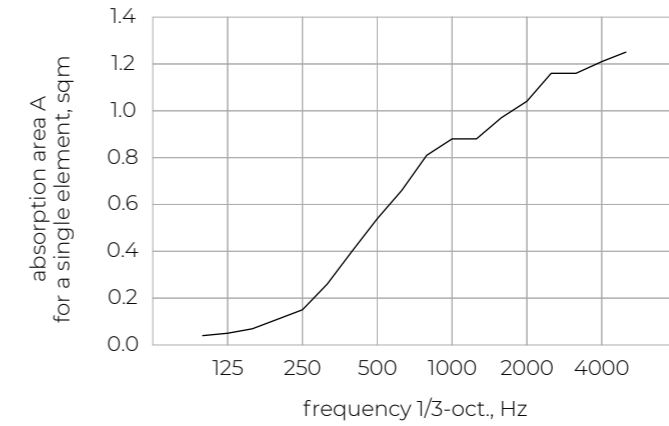
Depending on the design concept, different sizes, colours (single-colour with EcoPET material or two-colour or multi-colour with additional EcoFELT material) and shapes are available.

## Additional information

The product was designed as part of the research and development project "Development of Integrated Acoustic Modifying Components Technology" (IAMC), co-financed by the European Union under the European Regional Development Fund. Agreement number: POIR.01.01.01-00-0965 / 18-00



## Architected Sound EcoPET the Lamp – sound absorption



Absorption area A for a single element, sqm

frequency 1/1 oct.	—
125 Hz	0.10
250 Hz	0.20
500 Hz	0.50
1000 Hz	0.90
2000 Hz	1.10
4000 Hz	1.20

— lamp made of 9 mm thick PET, pattern 01 \*

\* measurements carried out in accordance with PN-EN ISO 354: 2005



In rooms where it is difficult to allocate space for acoustic panels, EcoPET the Lamp will be perfect, fulfilling its purpose twice.

