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ECHOAMBIENT® 24MM CONE DATASHEET

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TENDER TEXT



PRODUCT NAME

EchoAmbient® 24mm CONE

DESCRIPTION

High-performance acoustic pendant luminaire with textile surface made of 100% PET.

The EchoAmbient® CONE lifestyle ceiling luminaire gives every room a unique ambience. Not only acoustically, but above all through beautiful light and shadow effects. Behind the new design of the lampshades is the new development from ECHO**JAZZ** - the Stretch-Cut. The special cut pattern not only creates the perforations, but also transforms the EchoBoard® into a stretchable acoustic material.

The EchoAmbient® enables interior designers to simultaneously improve acoustics when designing lighting. The E27 socket offers full flexibility in the choice of light source. The luminaire with its classic shape and innovative design sets an accent in the room and is available in 3 sizes and many expressive colours.

PRODUCT PROPERTIES

• Compatible with E27 bulbs

Supply voltage: 220-240V 50/60Hz
Colour consistency: CRI > 90
Lifetime: 15 years / 15000 hours

Energy class D
Lumen: 806lm
Light colour: 2700K
System power: 6W
Beam angle: 360

ACOUSTIC PERFORMANCE

aw: 1.00 NRC: 0.95

INSTALLATION

- Suitable for use in rooms as well as roofed outdoor areas
- Easily height-adjustable

MATERIAL PROPERTIES

- Extremely robust and shockproof
- Very high colour fastness of the all-round homogeneous textile surface available in over 20 colours
- Flame retardant. B-s1,d0 certified according to EN 13501
- Extremely low volatile organic compounds below < 0.5mg/m2/h, certified according to ASTM D5116
- Formaldehyde emmission below < 0.1mg/m2/h, certified according to ASTM D5116
- Dimensionally stable up to 50°C and 95%rH
- Melting point: 250 °C
- Decomposition Temp: > 250 °C
- Alkalinity: pH: 7.8 (pH 7 is neutral)

CLEANING & CARE

Can be cleaned dry and damp with chlorine or hydrogen peroxide.

ENVIRONMENT

- 100% PET with a content of over 50% from recycled PET bottles
- 100% recyclable
- eco-1 rating within eco-bau & Minergie-Eco requirements
- Cradle to Cradle Bronze certified

DISPOSAL

The product is recyclable as part of ECHOJAZZ's stewardship programme.

DATASHEET ECHOBOARD® 24MM



EchoBoard® 24mm is a high quality sound absorber with an aw of up to 1.00 and a NRC of up to 0.95, which can be used for acoustic ceilings, walls, office desks or room dividers.

DESCRIPTION	EchoBoard® 24mm
DIMENSIONS	1800mm (± 1mm) x 2400mm (± 1mm)
COMPOSITION	100% PET (> 50% recycled PET)
PET BOTTLES* PER PANEEL	303 PET Bottles *The number of PET bottles refers to 500ml PET bottles with a bottle weight of 24g.
WEIGHT	3600g/m² (± 10%)
MATERIAL THICKNESS	24mm
LIGHTFASTNESS ISO 105-B02-1994	> 7
FIRE TEST EN 13501	B-s1, d0
VOC EMISSIONS ASTM D5116	< 0.5mg/m²/h
FORMALDEHYDE EMISSIONS ASTM D5116	< 0.1mg/m²/h
ENVIRONMENTAL CERTIFICATIONS	eco1 Minergie-Eco Cradle to Cradle Certified® Bronze M1 emission-free materials
SOUND ABSORPTION DIN EN ISO 11654 ASTM C423	aw 0.50 (direct mount) aw 0.65 (50mm wall/ceiling distance) aw 1.00 (200mm wall/ceiling distance) NRC = 0.70 (direct mount) NRC = 0.80 (50mm wall/ceiling distance) NRC = 0.95 (200mm wall/ceiling distance)
COLOURS	> 20
SOUND ABSORPTION GRAPH	1.20 1.00 1.00 0.80 0.40 0.40 1.25 250 500 1000 2000 4000
	FREQUENCY (HZ) ——Sound absorption coefficient (direct mount) ——Sound absorption coefficient (50mm) ——Sound absorption coefficient (200mm)

COLOURS ECHOBOARD® 24MM



ECHOBOARD® 24MM



^{*}Discontinued. Colour available from stock while supplies last or on request with a minimum order quantity.





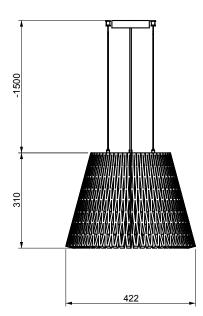


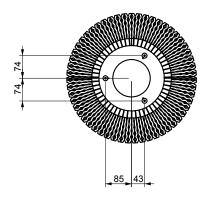
DIMENSIONS & PARTS



ECHO**AMBIENT® 24MM CONE XS** 1085 422x310mm







PARTS







3x Gripper



3x Hanger bolt M4x20mm



Wire rope 1500x1.5mm



3x Screw caps



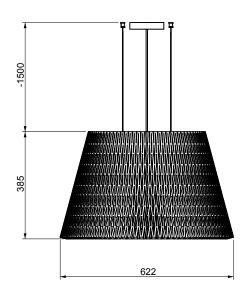
3x Ceiling fixtures M6 Internal thread

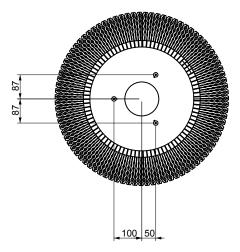
DIMENSIONS & PARTS



ECHO**AMBIENT® 24MM CONE S** 1086 622x385mm







PARTS



1x EchoAmbient® CONE S



3x Gripper



3x Hanger bolt M4x20mm



Wire rope 1500x1.5mm



Screw caps



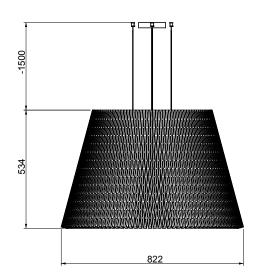
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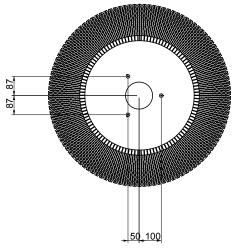
DIMENSIONS & PARTS



ECHO**AMBIENT® 24MM CONE M** 1087 822x534mm









1x EchoAmbient® CONE M



3x Gripper



3x Hanger bolt M4x20mm



3xWire rope
1500x1.5mm



Screw caps

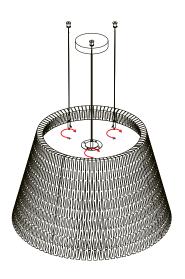


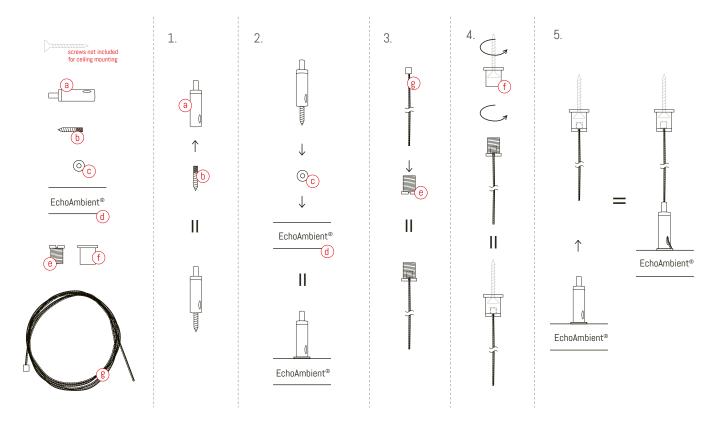
3x Ceiling fixtures M6 Internal thread

INSTALLATION



ECHOAMBIENT® CONE - DIRECT SUSPENSION





CLEANING & CARE



SURFACE DISINFECTION

Spray disinfectants can be used for rapid surface disinfection.



DUSTER/VACUUM CLEANER

For dusting use duster or vacuum cleaner.





SPARKLING WATER

For slight contamination apply sparkling water to polluted area. Wipe carefully with a sponge.





UPHOLSTERY CLEANER

For medium contamination apply upholstery cleaner to polluted area. Wipe carefully with a sponge.





BLEACH

For heavy contamination apply bleach as chlorine or hydrogen peroxide on polluted area. Wipe carefully with a sponge and sparkling water. Use of protection gloves and glasses is mandatory!





Please make first a cleaning attempt on an unconspicuous spot. Follow the instructions of the cleaning agents.