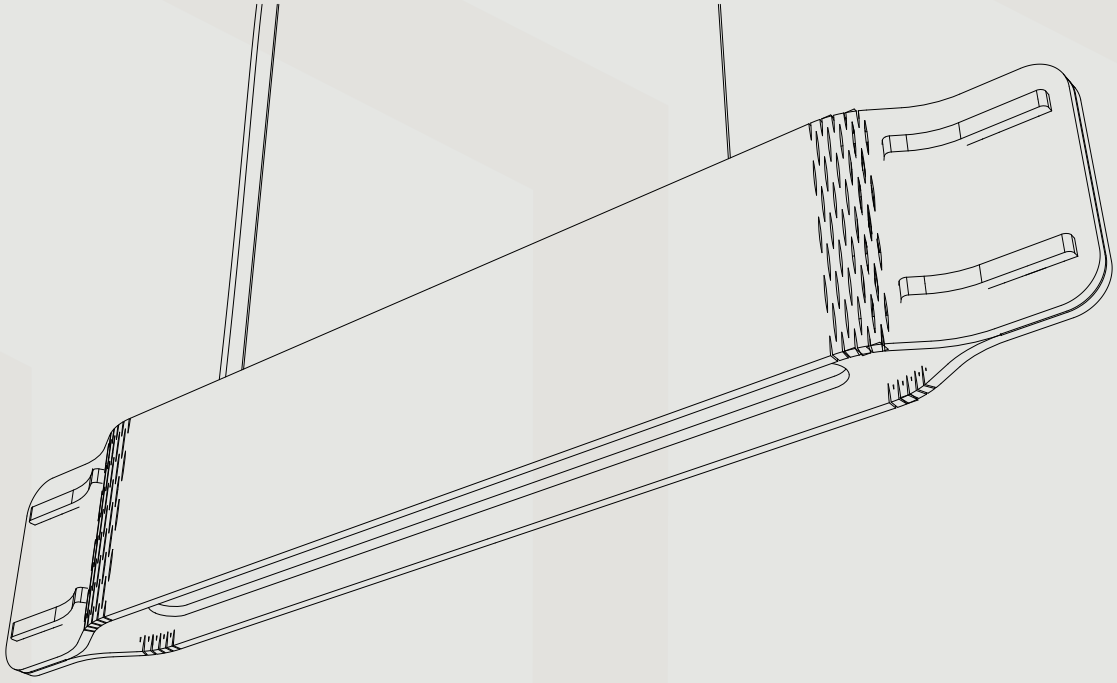
LIGHTING

TECHNICAL DATA SHEET

ART'COUSTIK RANGE



Neo

Suspended acoustic light

arteck

OCTOBER 2026 · *VERSION 01*

Description

Suspended acoustic light in 12 mm compact rPET, incorporating an LED bar within a linear geometry.
The fibre volume structures the ceiling and combines functional lighting with acoustic treatment.
Offices, meeting rooms, reception areas and restaurants.

KEY DATA

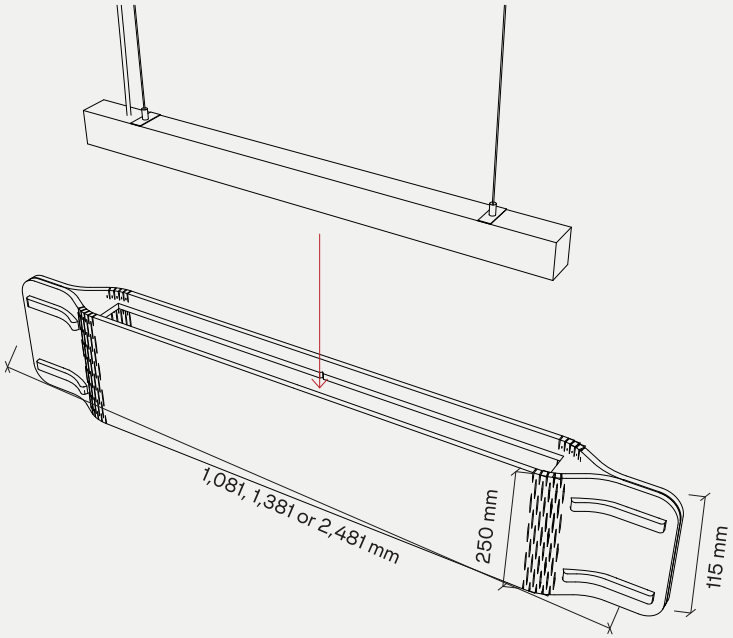
1.00	A	12mm	B-S2,D0	Recycled and recyclable PET 100%
ABSORPTION COEFFICIENT (αW)	ABSORPTION CLASS	THICKNESS	FIRE CLASSIFICATION	COMPOSITION

DIMENSIONS & TECHNICAL DRAWINGS

Length	1,081, 1,381 or 2,481 mm
Height	250 mm
Depth	115 mm

Custom-made on request

PERSPECTIVE VIEW



Acoustic performance

1.00	A	1.00	1.00
ALPHA W (αW) *ISO 11654*	ABSORPTION CLASS *ISO 11654*	NRC *ASTM C423*	αS AT 1000 HZ *NF EN ISO 354*

SOUND ABSORPTION COEFFICIENT BY OCTAVE BAND

Frequency	*125*	*250*	*500*	*1000*	*2000*	*4000*
α_s	0.40	1.30	2.50	4.05	5.40	5.70

Third-octave values from 100 to 5,000 Hz: see the test report.

Download the full Acoustic Test Report →

TEST CONDITIONS

Laboratory	CETIAT
Test reference no.	2630191
Date	11/03/2026
Test standard	NF EN ISO 354
Test conditions	Test conducted on 12 samples 150 cm above the floor
Sample surface area	0.20 m²

Material information

Composition	Thermally bonded rPET polyester fibre, through-dyed *100% recyclable · 60 to 80% recycled PET depending on colour*
Thickness	12 mm
Density	200 kg / m^3
Weight	2.4 kg / m^2 - *Product weight: see price list*
Colors	32 - *Non-standard colours on request*
Fire classification	NF EN 13501-1 - Euroclass B-s2,d0, all colours (M1 equivalent) Download the report →
Light reflectance	pvnh: 2-73% depending on colour (CSTB DBV-G-25-00060228) Download the report →
UV resistance	UV resistant Download the report →
Number of recycled bottles per m^2	96 plastic bottles (rPET)
Guarantee	10 years
Packaging and Conditioning	Cardboard packaging and plastic bubble protection, CFC-free and recyclable
Maintain	In case of a stain, dab with a clean, damp cloth as soon as possible. To disinfect and eliminate viruses, spray a diluted bleach solution (2%)

Certifications

Integrated LED lighting

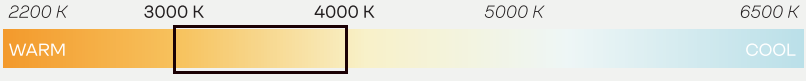
VERSIONS

LIGHT FITTING	*LED BAR*	*POWER*	*LUMINOUS FLUX*	*EFFICACY*
1,081 mm	607 mm	24 W	3,300 lm	137 lm/W
1,381 mm	907 mm	36 W	5,000 lm	139 lm/W
2,481 mm	2,007 mm	80 W	11,420 lm	143 lm/W

LED SOURCE SPECIFICATIONS

Source type	SMD LED bar in metal, satin white finish, anti-glare diffuser
Colour temperature	CCT 3,000 K or 4,000 K
Colour rendering index	CRI > 80
Glare	UGR < 19
Beam angle	100°
Power factor	0.90
Power supply	220-240 V · 50/60 Hz
Dimming	Non-dimmable
Ingress protection	IP20
Connection	To the mains by a qualified electrician (no plug)
LED warranty	5 years
Compliance	CE · EN 60598-1 · EN 60598-2-5 · EN 62471 (photobiological safety) · EN 55015 · EN 61547 · EN 61000-3-2/-3 · EN 62493 Low Voltage, EMC, RoHS, WEEE and Ecodesign (ErP) Directives

COLOUR TEMPERATURE



Warm white 3,000 K or neutral white 4,000 K

In context







Installation

DESCRIPTION

Suspend the light using its two aluminium cables, level it, then connect the LED bar. Ceiling fixings and some connection accessories must be selected to suit the substrate.

SUBSTRATE TYPE

Load-bearing ceiling / slab or supporting structure suitable for suspension fixings, with a compliant electrical supply.

FIXINGS REQUIRED

Aluminium suspension cables; mechanical ceiling anchors not supplied.

Contact us

SALES DEPARTMENT

Quotes within 48 working hours, manufacturing lead times, order tracking, custom-made and sample requests.

contact@arteck-design.fr
+33 4 72 08 58 70

Arteck Design
ZAC des Folliouses - Rue des Monts d'Or
01700 Miribel, France