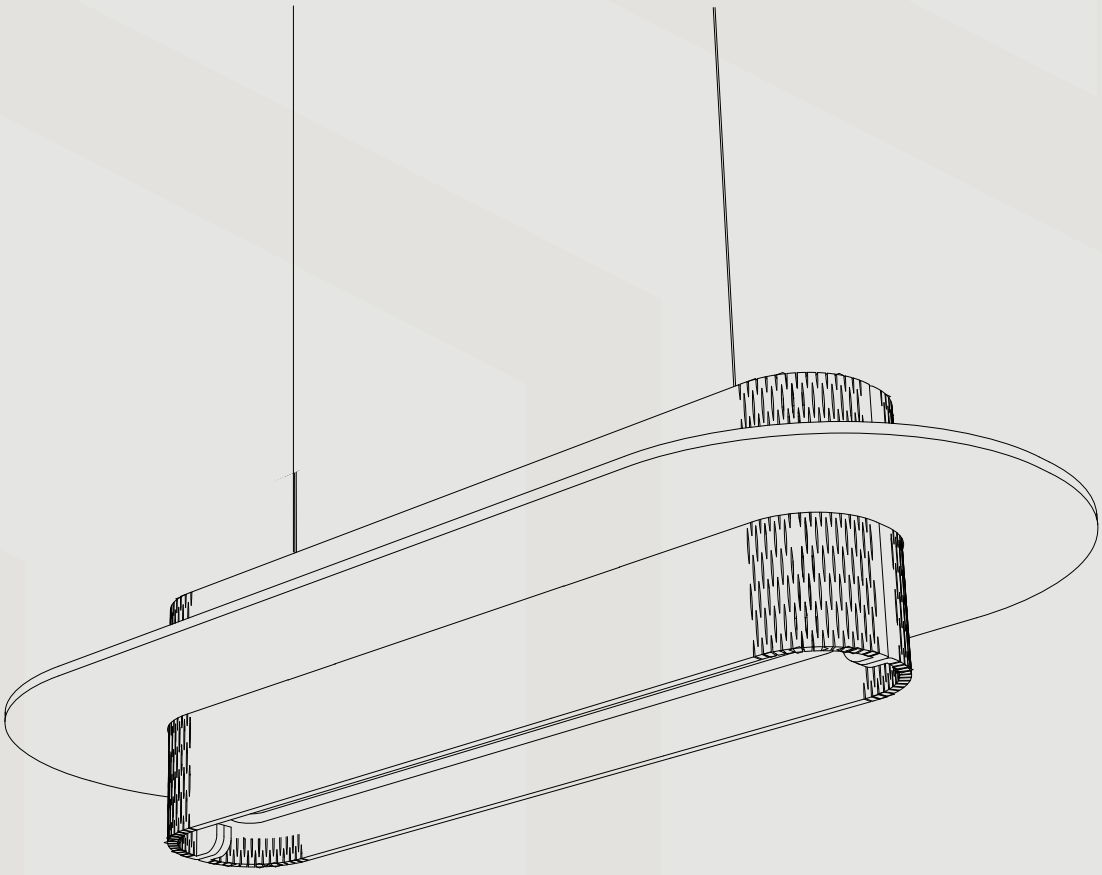
LIGHTING

TECHNICAL DATA SHEET

ART'COUSTIK RANGE



Orio

Suspended acoustic light

arteck

OCTOBER 2026 · *VERSION 01*

Description

Suspended acoustic light in compact rPET, available with or without an acoustic dome. The system combines a linear light source with a more enveloping absorbing volume to treat and structure work or reception areas. Offices, meeting rooms, restaurants and public buildings.

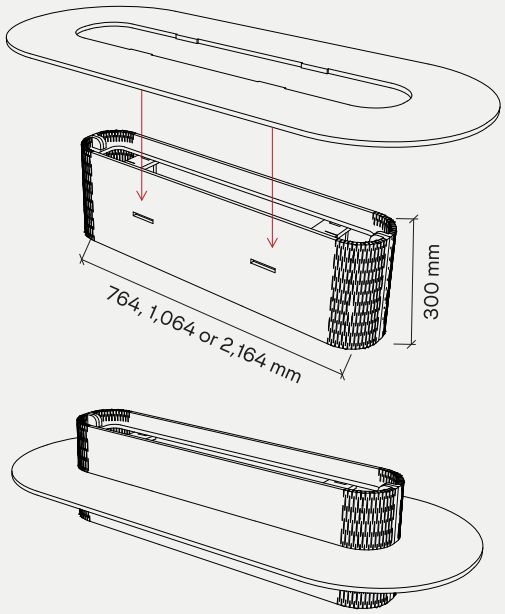
KEY DATA

1.00	A	12mm	B-s2,d0	Recycled and recyclable PET 100%
ABSORPTION COEFFICIENT (αW) *with dome: 0.95*	ABSORPTION CLASS *with or without dome*	THICKNESS	FIRE CLASSIFICATION	COMPOSITION

DIMENSIONS & TECHNICAL DRAWINGS

Width	764, 1,064 or 2,164 mm *With dome: 1,164, 1,464 or 2,564 mm*
Height	300 mm
Depth	200 mm *With dome: 600 mm*

EXPLODED VIEW



Acoustic performance

CONFIGURATION	ALPHA W (αW) ISO 11654	ABSORPTION CLASS ISO 11654	NRC ASTM C423	αS AT 1000 HZ NF EN ISO 354
Without dome - 12 mm	1.00	A	1.00	1.00
With dome - 12 mm	0.95	A	1.00	1.00

SOUND ABSORPTION COEFFICIENT BY OCTAVE BAND

Frequency (Hz)	125	250	500	1000	2000	4000
Without dome - 12 mm	0.40	1.30	2.50	4.05	5.40	5.70
With dome - 12 mm	0.25	0.65	0.95	1.60	2.05	2.20

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	Without dome: test conducted on 12 samples 150 cm above the floor; with dome: test conducted on 9 samples 150 cm above the floor
Sample surface area	0.20 m² (without dome) / 0.80 m² (with dome)

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

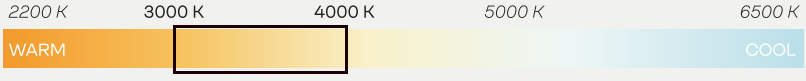
VERSIONS

LIGHT FITTING	*LED BAR*	*POWER*	*LUMINOUS FLUX*	*EFFICACY*
764 mm	607 mm	24 W	3,300 lm	137 lm/W
1,064 mm	907 mm	36 W	5,000 lm	139 lm/W
2,164 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 cables, level it and connect the LED bar. If applicable, install the optional acoustic dome/disc in accordance with the Installation Guide.

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.

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