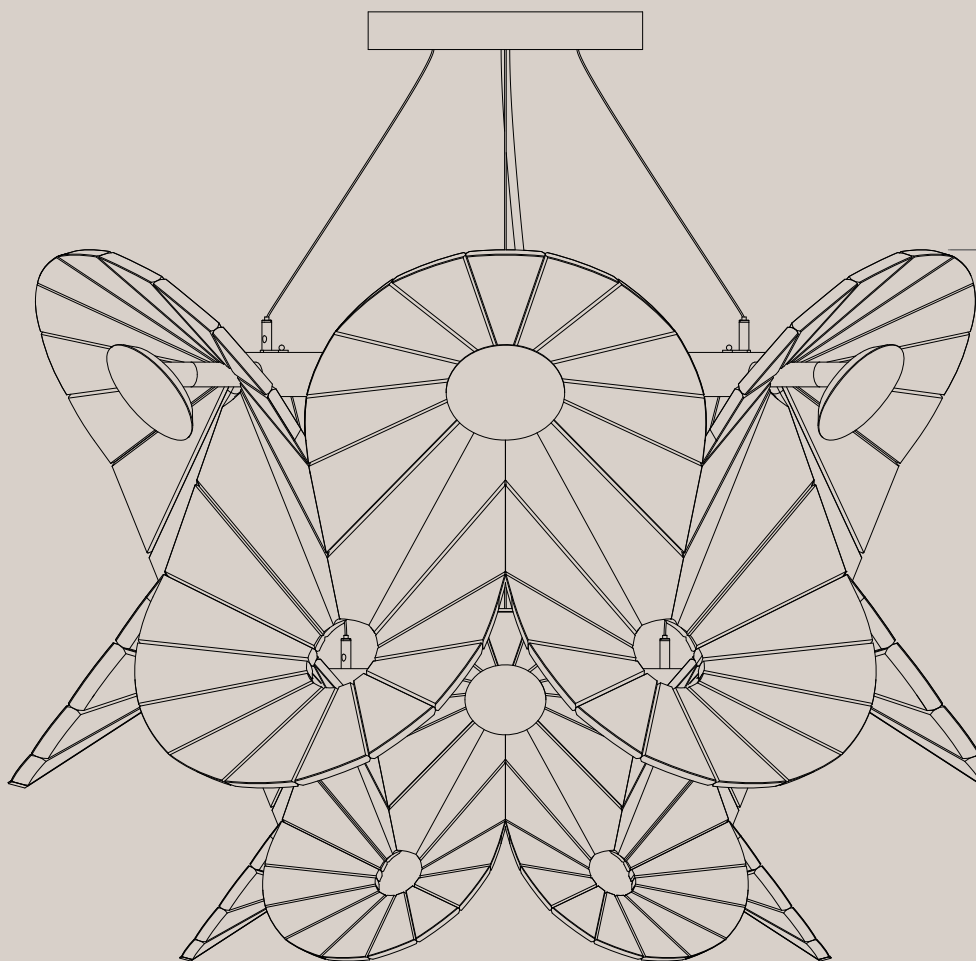


IMPACT ACOUSTIC®



# Oloid

## Acoustic Lighting

728.24.10.000.00  
728.24.11.000.00

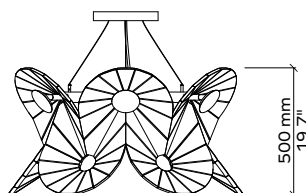
TECHNICAL DATA SHEET

# Oloid

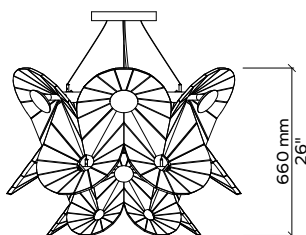
## Acoustic Lighting



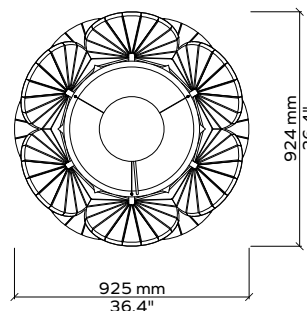
### PRODUCT DIMENSIONS



SINGLE  
(728.24.10)



DOUBLE  
(728.24.11)



top view applied to both sizes

### ARTICLE NUMBERS

Lighting Product	Product Size	Color code	CCT	North American Market
728.24.	10 (Single)	Choose color as shown on pg. 3	27 (2700K)	Add an A at the end of the CCT code to indicate this product is for North America
	11 (Double)		30 (3000K)	
			35 (3500K)	
			40 (4000K)	

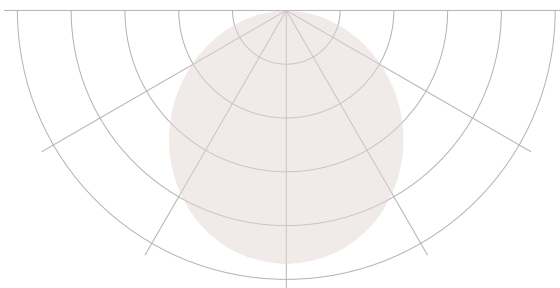
**Example: 728.24.10.706.35A**

Oloid Single [(Ø 924/ 36.42", Spearmint 706 color, 3500K CCT, 110-277V (North America)]

### LIGHTING SPECIFICATIONS

	Single (728.24.10.)	Double (728.24.11.)
Output	Direct	
Total Lumen Output (lm)	5400	
Wattage	49	
Efficacy (lm/W)	110	
Diffuser	Opal	
Beam Angle	110	
CCT	2700-3000-3500-4000K	
CRI	90	
MacAdam	3	
Voltage	220 - 240 V	
Dimming	0.1% DSI/DALI Dimming	
Driver Location	Canopy Concealed	

### LIGHT DISTRIBUTION GRAPH

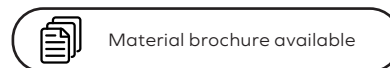


### CERTIFICATIONS



# ARCHISONIC®

## Colors



<b>Name</b>	Snow White	Milk	Cloud	Smoke	Ground	Charcoal	Slate	Raven
<b>Color Code</b>	500	404	103	442	108	542	444	550
<b>NCS Code</b>	S 0300-N	S 0502-Y	S 1002-B	S 3005-R80B	S 5005-Y20R	S 7502-B	S 4500-N	S 8500-N

<b>Name</b>	Nordic Pine	Grove	Moss	Spearment	Ice Blue	Succulent	Deep Sea	Marine Blue
<b>Color Code</b>	311	317	439	706	304	712	918	864
<b>NCS Code</b>	S 5030-G10Y	S 7020-G30Y	S 2040-G40Y	S 1010-B90G	S 0510-B	S 3020-B30G	S 5020-R90B	S 4050-R70B

<b>Name</b>	Linen	Shell Pink	Jute	Warm Stone	Terracotta	Soft Coral	Honeycomb	Sunshine
<b>Color Code</b>	107	102	920	105	239	516	139	846
<b>NCS Code</b>	S 1505-Y30R	S 0510-R30B	S 3010-Y30R	S 3010-Y50R	S 4040-Y70R	S 2020-Y90R	S 2050-Y20R	S 1040-Y10R

<b>Name</b>	Garnet	Hot Pink	Poster Red	Electric Orange	Winter Sky	Pacific Ocean	Midnight	Grape
<b>Color Code</b>	724	140	662	464	311	432	810	540
<b>NCS Code</b>	S 5040-R10B	S 2060-R20B	S 1080-R	S 0580-Y70R	S 5030-G10Y	S 3040-B	S 7020-R70B	S 5040-R40B

These NCS codes are the closest visual match available and may not be exact to blended fibres.

ARCHISONIC®

## Colors

Experience our ARCHISONIC® Felt material with a stunning selection of 32 colors across 8 distinct families, thoughtfully curated by *Colour Hive* in London. Effortlessly combine colors harmoniously to suit your preferences. Discover more in our Materials brochure and order your free sample box today.

## Color fastness

Class 6

ISO 105-B02:A1

## Order a free sample box



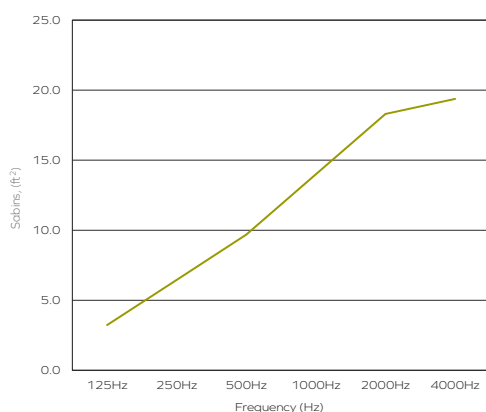
# Oloïd

## Acoustic Performance



### Testing Standards

ISO 354:2003	Acoustics — Measurement of sound absorption in a reverberation room
ISO 11654:1997	Acoustics — Sound absorbers for use in buildings — Rating of sound absorption
ISO 20189:2018	Acoustics — Screens, furniture and single objects intended for interior use — Rating of sound absorption and sound reduction of elements based on laboratory measurements
ASTM C423-17	Standard Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method
ASTM E795-16	Standard Practices for Mounting Test Specimens During Sound Absorption Tests

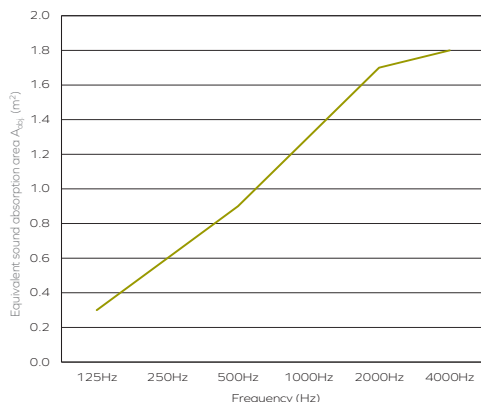


### Acoustic Performance - ASTM Sabins, ft²

Frequency (Hz)	125	250	500	1000	2000	4000
12mm Oloïd (D925mm)	1.08	6.46	12.92	15.07	17.22	18.30

The graph represents the Sabins (ft²) in the third octave band center frequencies. Measurement used Pink Noise as excitation signal in a reverberant room.

● 12mm Oloïd (D925mm)



### Acoustic Performance - ISO A<sub>obj</sub>, m²

Frequency (Hz)	125	250	500	1000	2000	4000
12mm Oloïd (D925mm)	0.3	0.6	0.9	1.3	1.7	1.8

The graph represents the equivalent sound absorption per object (A<sub>obj</sub>) in the third octave band center frequencies. Measurement used Pink Noise as excitation signal in a reverberant room.

● 12mm Oloïd (D925mm)

# ARCHISONIC® Felt

## Material Specification

<b>Product Name</b>	Archisonic® Felt	
<b>Content</b>	100% PET (60% certified post-consumer content)	
<b>Thickness<sup>1</sup></b>	12mm (0.47")	24mm (0.94")
<b>Max. Size</b>	1200x2800mm (47"x110")	1800x2400mm (70"x94")
<b>Acoustic<sup>2</sup></b>	<b>ASTM:</b> NRC=0.6 <b>ISO:</b> αw=0.65	<b>ASTM:</b> NRC=0.9 <b>ISO:</b> αw=0.95
<b>Density<sup>1</sup></b>	2400 g/m <sup>2</sup> (0.49 lbs/ sqft)	4000 g/m <sup>2</sup> (0.82 lbs/sqft)
<b>Color Fastness</b>	<b>Class 6</b> ISO 105-B02:A1	
<b>Color</b>	<b>32 colors</b> (see Archisonic® Felt Color page for more information)	
<b>Maintenance</b>	For daily cleaning we recommend alcohol solution (75%), e.g. Pantasept. In case of contamination by dust or fluff, use feather duster or a regular vacuum cleaner. For heavy dirt, treat the material with hydrogen peroxide.	
<b>Lead time<sup>3</sup></b>	21 days	
<b>Fire Rating</b>	DIN EN 13501-1: <b>B-s1, d0</b>	<b>ASTM E84 Class A</b>
<b>VOC Emission</b>	28 Days French Regulation <b>A+</b> <b>ASTM E84 Pass</b> Breeam® (International, UK, NL, SE, NOR) <b>Exemplary</b> CDPH (CDPH/EHLB/Standard Method V1.2) <b>Pass</b>	
<b>Certifications</b>	Declare label, Cradle to Cradle, UL Environmental Product Declaration, Member of US Green Building Council, Ecobau 1st Priority, Climmate-KIC, VOC emissions in LEED EQ credit (low-emitting products), SCS Recycled Content	
<b>Durability</b>	Contract	

1 - all values are nominal    2 - measured with 300mm air cavity    3 - depending on the location and type of product



Climate-KIC is supported by the  
EIT, a body of the European Union



# Oloid

## Acoustic Lighting

### Online Resources

A variety of resources are available online for all of our products. Please visit the product's page for more information.



CAD files  
IES/LDT files



Spec sheets and  
Installation Guide



Color families



Instruction  
videos



Associated  
products specs.

### Ordering Process

Our experienced team of Project Consultants will guide and support you throughout the order process. We fulfill the majority of our orders in as little as 21 days<sup>1</sup> from your first point of contact, allowing you to focus on what truly matters to you.



Contact our  
consultant

Quote<sup>1</sup>

48 h



Order Confirmation

Production<sup>1</sup>

2 - 3 weeks



Dispatch

Transit

location based



Delivery

### Contact Us

Ready to make an impact? We are just an email or call away to discuss your project and answer any question.



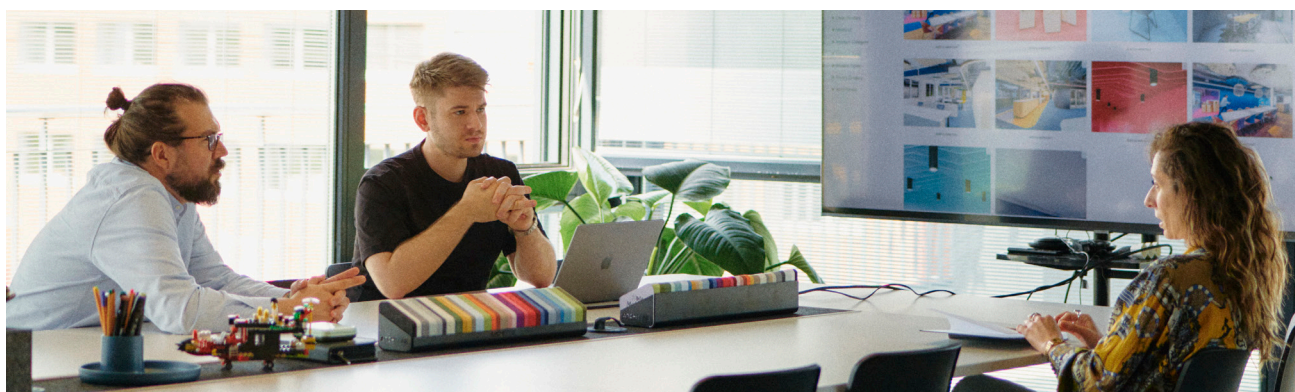
+41 41 566 55 55



connect@impactacoustic.com



Online form



<sup>1</sup> - Quote and Production times may vary.

**IMPACT ACOUSTIC®**  
Acoustic Lighting rev.01 - 15.01.24

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#WeMakeAnImpact

**#We  
Make An  
Impact**

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