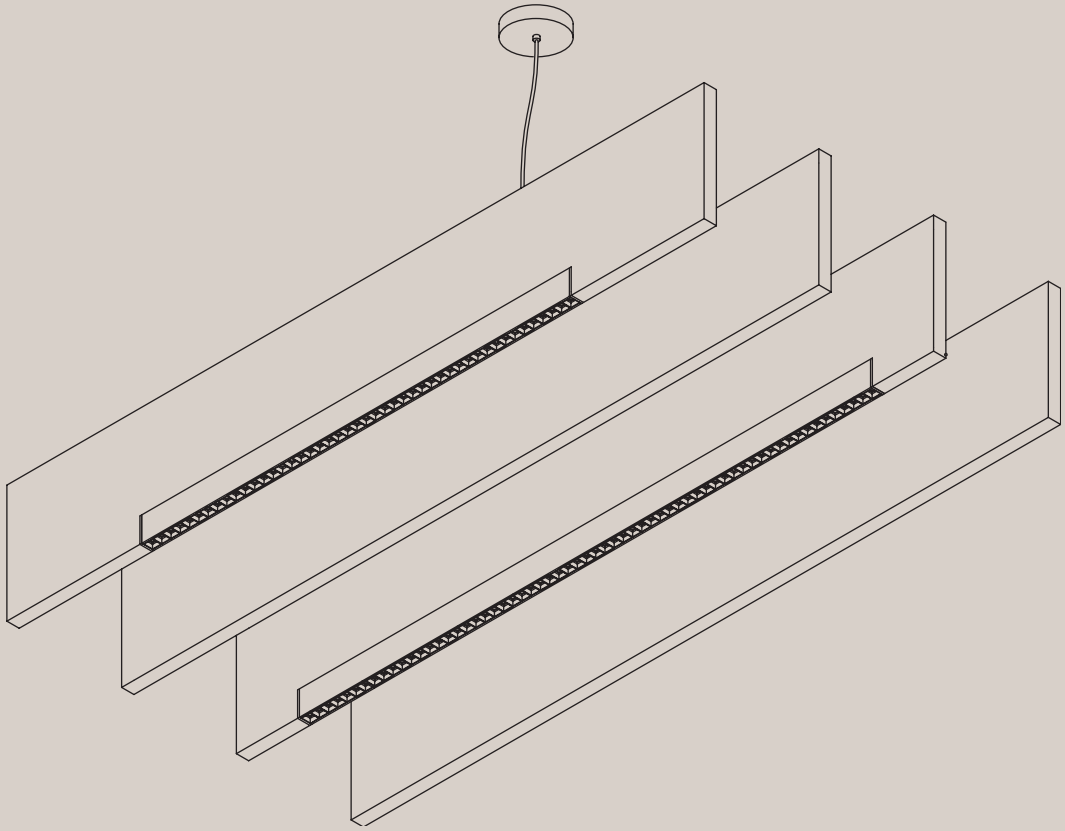
IMPACT ACOUSTIC®

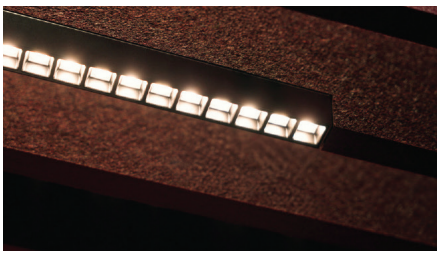


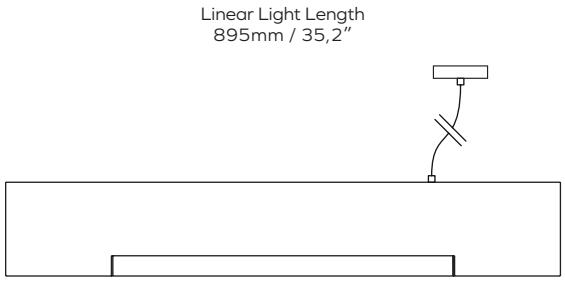
LUMINA

Acoustic Lighting System

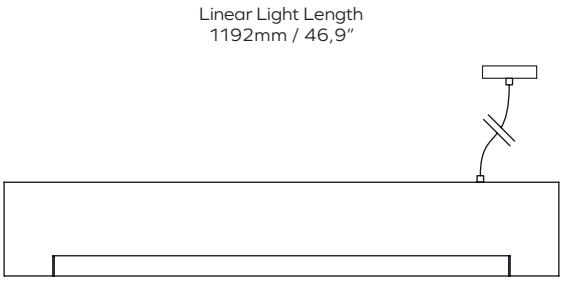
TECHNICAL DATA SHEET

LUMINA
Acoustic Lighting System





LUMINA SMALL



LUMINA LARGE

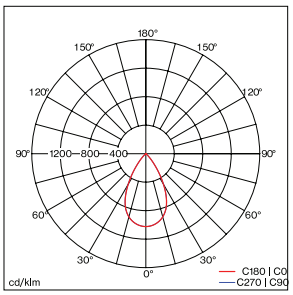
Lighting Product	Product Size	Colour code	Dimming	CCT	Market Voltages
LUMINA	**SMALL** with ARCHISONIC® Felt	Choose colour as shown on pg. 7 - 8	DALI 0-10V	3000 K 3500 K 4000 K	**Standard Voltage** (220 - 240 V) **A for USA Market** (110 - 277 V)
	SMALL with ARCHISONIC® Riftcut				
	LARGE with ARCHISONIC® Felt				
	LARGE with ARCHISONIC® Riftcut				

Example: Lumina Large [1192mm / 46,9”, Spearmint 706 colour, 220-240V (EU)]

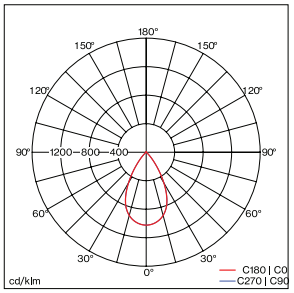
LIGHTING SPECIFICATIONS

	LUMINA SMALL		LUMINA LARGE	
Output	Direct		Direct	
Wattage (W)	21.2		27.8	
CCT (K)	3000	4000	3000	4000
Total Lumen Output (lm)	2570	2827	3420	3762
Efficacy (lm/W)	121	133	123	135
Diffuser	Darklight			
Beam Angle	60°			
Dimming	0-10V / DALI			
CRI	90			
Voltage (V)	220 - 240 / 110 - 277			
Driver Location	On-Board			

LIGHT DISTRIBUTION GRAPH



Lumina S



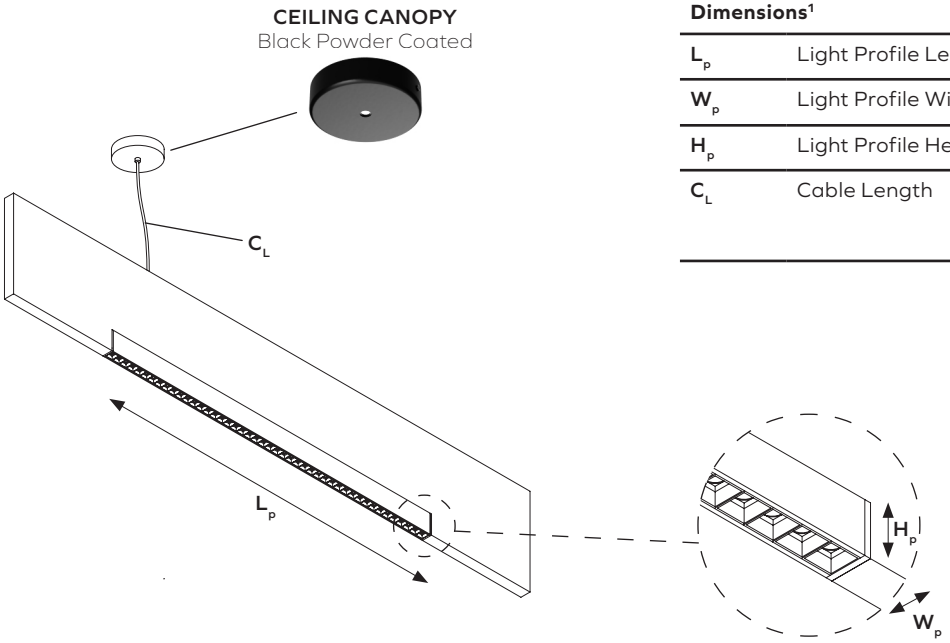
Lumina L

CERTIFICATIONS

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(Philippines) philippines@impactacoustic.com (+63) 285 80 02 50

LUMINA Linear Light
Geometry Information

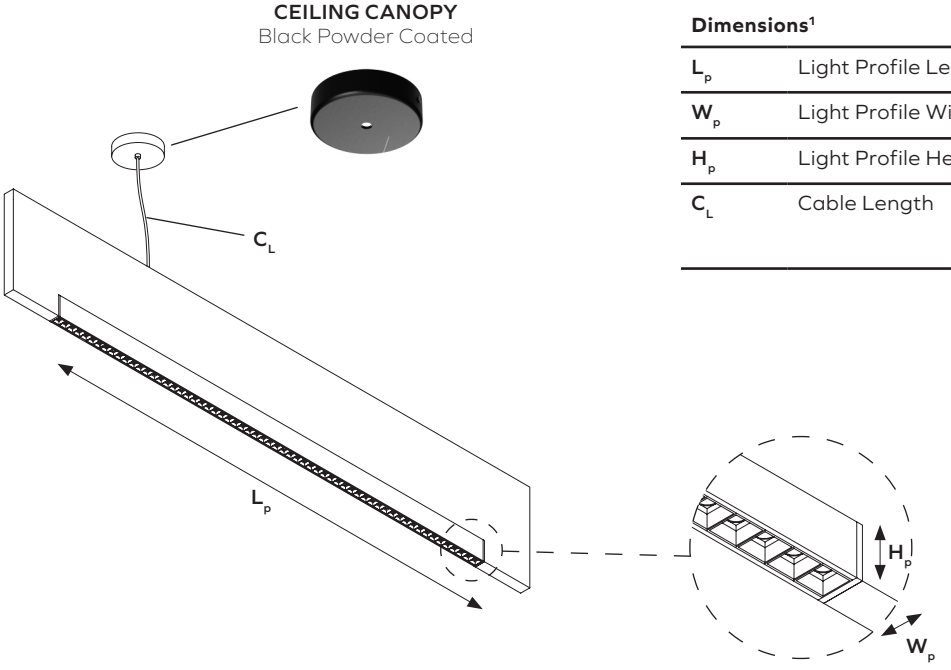
1 LUMINA SMALL



Dimensions[1]

L_p	Light Profile Length	895 mm / 35,2"
W_p	Light Profile Width	24 mm / 15/16"
H_p	Light Profile Height	40 mm / 1,5"
C_L	Cable Length	2,5 m / 8 ft / 98"
		Other Lengths on request

2 LUMINA LARGE



Dimensions[1]

L_p	Light Profile Length	1192 mm / 46,9"
W_p	Light Profile Width	24 mm / 15/16"
H_p	Light Profile Height	40 mm / 1,5"
C_L	Cable Length	2,5 m / 8 ft / 98"
		Other Lengths on request

1 - All dimensions are nominal.

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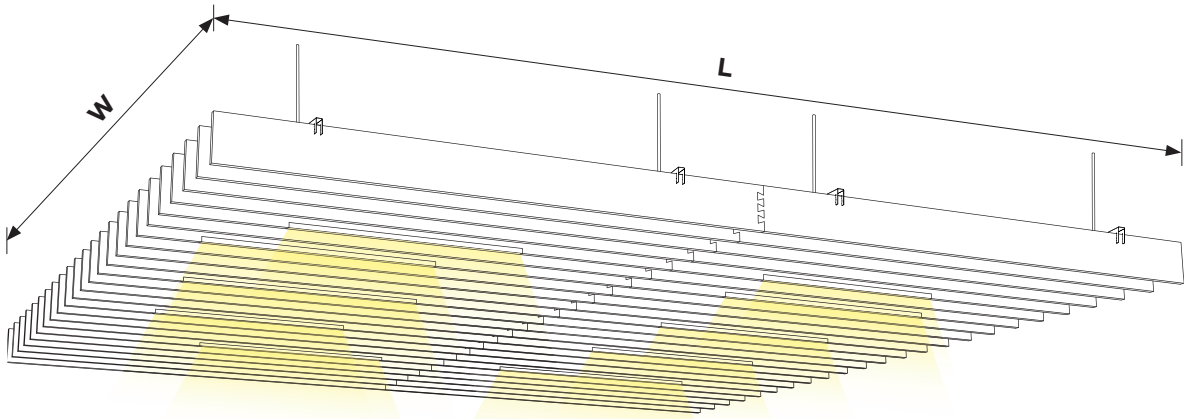
LUMINA Bespoke Baffle
Geometry Information

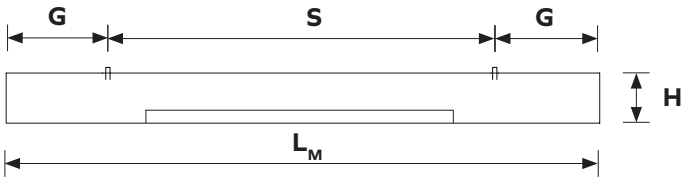
Custom solutions available

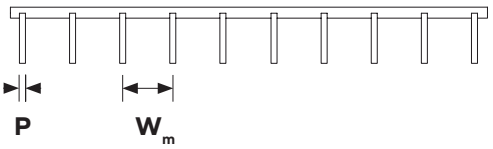
Reference geometry

Explore the various standard and custom sizes in our product families. See the drawing below for an overview of basic dimensions, modules and ranges.

Customize our **Bespoke** products beyond the presented values - contact us for details.







Dimensions table

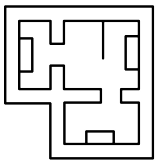
W	Total width	on demand	on demand	*bespoke*
W_m	Spacing	100 - 300 mm	4"-10"	*standard or bespoke*
L	Total length	on demand	on demand	*bespoke*
L_m	Length module	1600 - 2400 mm	63''-94.5"	*standard*
G	Overhang	400 mm	15.75"	*standard*
S	Support spacing	max. 1600	max.63"	*standard*
H	Baffle height	100 - 300 mm	4"-10"	*standard or bespoke*
P	PET material thickness	24 mm	0.94"	*fixed*

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(Philippines) philippines@impactacoustic.com (+63) 285 80 02 50

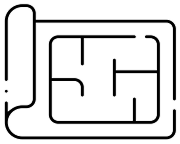
LUMINA Bespoke Baffle
Specification Guide

Ensure you make the perfect choice by choosing our solutions for your next project. To get started, simply define some basic information and constraints about your space. Then explore our range of standard solutions or contact us directly for a more in-depth discussion of personalized customized options.

1 Prepare this information:



Project Area



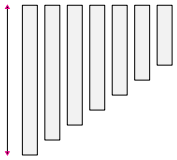
Ceiling Plans (RCP)

page 4



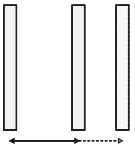
Other Considerations

2 Specify your Baffles:



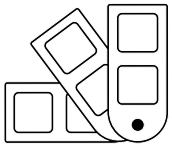
Height

page 4



Spacing

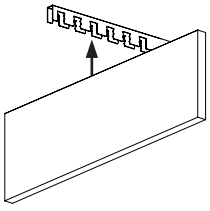
page 4



Colour

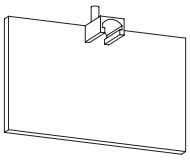
page 7 - 8

3 Select installation method:

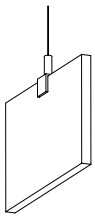


Felt-Fit Profile

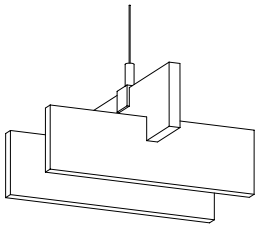
Standard Installation Method



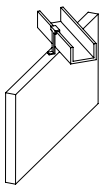
Strut Channel



Suspension Kit Bracket



Suspension Kit Bracket + Slotted Baffle



Multidirectional track

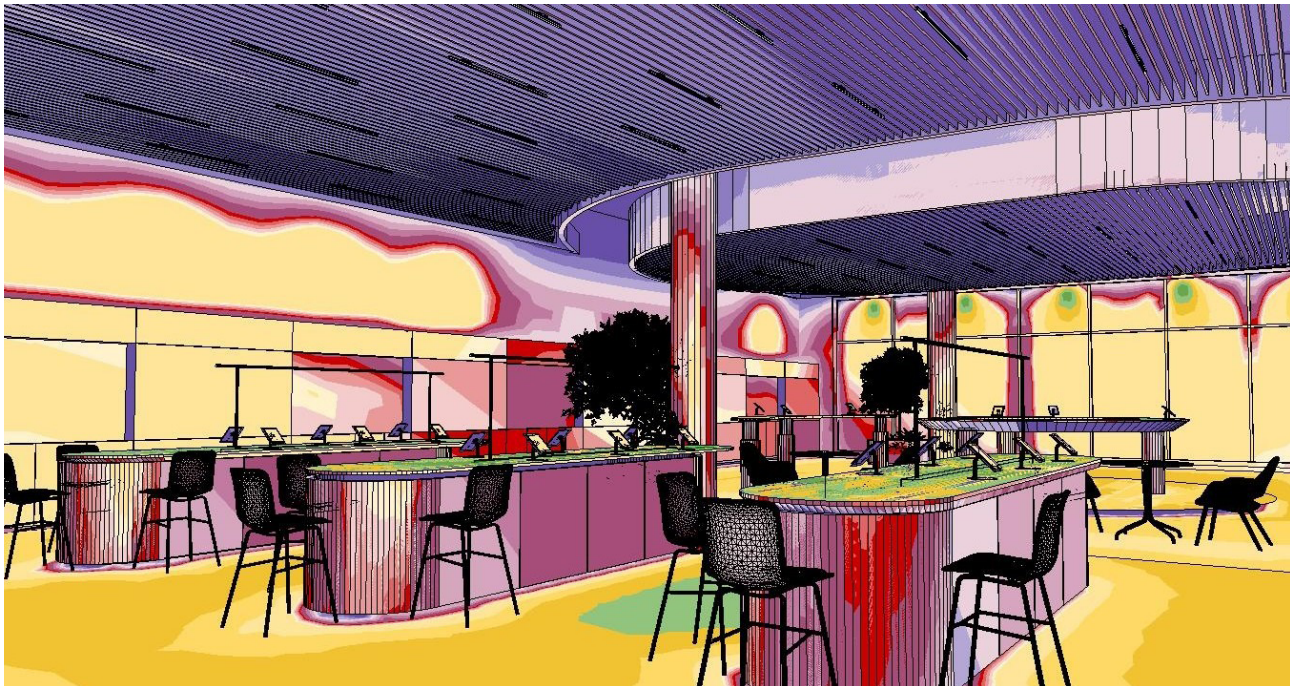
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LUMINA Algorithmic System

Acoustic meets lighting

We developed an algorithmically optimized parametric baffle system with fully integrated lighting. It combines Computational Design, high-performance acoustic absorption, and architectural lighting into one coherent, elegant system.
The integrated baffle system allows architects to create environments that feel lighter, softer, and more human—while simultaneously improving acoustic comfort and lighting quality. Because the geometry itself is algorithmically generated, each installation can adapt to the architectural context with far greater flexibility than conventional systems.





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ARCHISONIC®
Colours

Material brochure available

									
Name	Snow White	Cloud	Smoke	Slate	Charcoal	Raven	Ground	Gull	Milk
Code	**500**	**103**	**442**	**444**	**542**	**550**	**108**	**144**	**404**
NCS	S 0300-N	S 1002-B	S 3005-R80B	S 4500-N	S 7502-B	S 8500-N	S 5005-Y20R	S 2502-Y	S 0502-Y
									
Name	Linen	Dune[S]	Jute	Fallow[S]	Warm Stone	Truffle[S]	Sunshine	Honeycomb	Electric Orange
Code	**107**	**104**	**920**	**238**	**105**	**539**	**846**	**139**	**464**
NCS	S 1505-Y30R	S 2005-Y	S 3010-Y30R	S 5010-Y30R	S 3010-Y50R	S 8502-R	S 1040-Y10R	S 2050-Y20R	S 0580-Y70R
									
Name	Terracotta	Soft Coral	Cinnabar[S]	Shell Pink	Garnet	Poster Red	Hot Pink	Grape	Marine Blue
Code	**239**	**516**	**725**	**102**	**724**	**662**	**140**	**540**	**864**
NCS	S 4040-Y70R	S 2020-Y90R	S 6030-R	S 0510-R30B	S 5040-R10B	S 1080-R	S 2060-R20B	S 5040-R40B	S 4050-R70B
									
Name	Midnight	Royal Blue[S]	Winter Sky	Deep Sea	Nocturne[S]	True Navy	Ice Blue	Pacific Ocean	Lagoon[S]
Code	**810**	**865**	**410**	**918**	**866**	**194**	**304**	**432**	**917**
NCS	S 7020-R70B	S 3560-R80B	S 2020-R90 B	S 5020-R90B	S 8010-R90B	S 8005-B	S 0510-B	S 3040-B	S 7020-B30G
									
Name	Succulent	Spearmint	Seafoam[S]	Nordic Pine	Moss	Grove	Pistachio[S]	Lichen	Fern
Code	**712**	**706**	**710**	**311**	**439**	**317**	**315**	**160**	**180**
NCS	S 3020-B30G	S 1010-B90G	S 3010-G30Y	S 5030-G10Y	S 2040-G40Y	S 7020-G30Y	S 5020-Y	S 4005-Y	S 6010-G90Y

These NCS codes are the closest visual match available and may not be exact to blended fibres.
S - Solid Colours, additional charge might apply.

ARCHISONIC®

Colours

Experience our ARCHISONIC® Felt material with a stunning selection of 45 colours across 9 distinct families, thoughtfully curated by *Colour Hive* in London. Effortlessly combine colours harmoniously to suit your preferences. Discover more in our Materials brochure and order your free sample box today.

Colour fastness

Class 6

ISO 105-B02:A1

Order a free sample box

ARCHISONIC® Riftcut Natural Collection

Natural Collection colour sets

Riftcut Natural Collection (NC) is a natural wood shade extension to our bestselling Riftcut. Developed in collaboration with German veneer specialists Schotten & Hansen, ARCHISONIC® Riftcut NC introduces 3 different colour groups: elegant brights, essential mids and classical darks.

107

ELEGANT BRIGHTS



240 Pebble



241 Sunlit



242 Blush

920

ESSENTIAL MIDS



243 Malt



244 Honey



245 Mocha

105

CLASSICAL DARKS



246 Woodsmoke



247 Bourbon



248 Twilight

Sustainable Ink

CP65 and RoHS3 compliant

GREENGUARD

PRODUCT CERTIFIED FOR LOW CHEMICAL EMISSIONS
UL.COM/GG
UL 2818

GOLD

Order a free sample set



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ARCHISONIC® Felt
Material Specification

Product Name	ARCHISONIC® Felt	
Content	100% PET (60% certified post-consumer content)	
Thickness[1]	12mm (0.47")	24mm (0.94")
Max. Size	1200x2800mm (47"x110")	1800x2400mm (70"x94")
Acoustic[2]	**ASTM:** NRC=0.6 **ISO**: αw=0.65	**ASTM**: NRC=0.9 **ISO**: αw=0.95
Density[1]	2400 g/m² (0.49 lbs/ sqft)	4000 g/m² (0.82 lbs/sqft)
Colour Fastness	**Class 6** ISO 105-B02:A1	
Colour	**45 colours** (see ARCHISONIC® Felt Colour page for more information)	
Maintenance	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.	
Production Lead time[3]	21 days	
Fire Rating[4]	DIN EN 13501-1: **B-s1, d0**	ASTM E84 **Class A**
VOC Emission	28 Days French Regulation **A+** ASTM E84 **Pass** Breeam® (International, UK, NL, SE, NOR) **Exemplary** CDPH (CDPH/EHLB/Standard Method V1.2) **Pass**	
Certifications	Declare label, Cradle to Cradle, UL Environmental Product Declaration, Member of US Green Building Council, Ecobau 1st Priority, Climate-KIC, VOC emissions in LEED EQ credit (low-emitting products), SCS Recycled Content	
Durability	Contract	

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

4 - The following colours carry a B-S2 fire certificate rating: Hot Pink 140 12mm, Lichen 160 12mm, True Navy 194 24mm, Pacific Ocean 432 24mm, Pacific Ocean 432 12mm Electric Orange 464 24mm, Soft Coral 516 24mm, Raven 550 24mm, Raven 550 12mm, Poster Red 662 12mm, Garnet 724 12mm, Midnight 810 24mm, Marine Blue 864 24mm

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

ARCHISONIC® Felt (Printed option) Material Specification

Product Name	ARCHISONIC® Felt
Content	100% PET (60% certified post-consumer content)
Thickness[1]	12mm (0.47”)
Max. Size	1200x2800mm (47”x110”)
Acoustic[2, 4]	**ASTM:** NRC=0.6 **ISO**: αw=0.65
Density[1]	2400 g/m² (0.49 lbs/ sqft)
Colour	**33** printed finishes.
Maintenance	To prevent dust and stains, regularly dust or vacuum with a soft brush. Avoid tools that might scratch the surface. Use mild detergents sparingly for tough stains, blotting instead of rubbing with a microfiber cloth. Test cleaning methods on a hidden area first to check for adverse effects.
Lead Time[3, 4]	21 days
Fire Rating[4]	DIN EN 13501-1: **B-s1, d0** ASTM E84 **Class A**
VOC Emission[4]	28 Days French Regulation **A+** ASTM E84 **Pass** Breeam® (International, UK, NL, SE, NOR) **Exemplary** CDPH (CDPH/EHLB/Standard-Methode V1.2) **Pass**
Certifications[4]	Declare label, Cradle to Cradle, UL Environmental Product Declaration, Member of US Green Building Council, Ecobau 1st Priority, Climate-KIC, VOC emissions in LEED EQ credit (low-emitting products), SCS Recycled Content
Ink Certifications	UL Greenguard, No NVC, No VOCs, No TPO, Vegan, compliant with California Prop65 (CP65) and European Directive RoHS3
Durability	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

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Lumina
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

Spec sheets and Installation Guide

Colour 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[1] from your first point of contact, allowing you to focus on what truly matters to you.

Contact our consultant

Quote[1] 48 h

Order Confirmation

Production[1] 6 - 8 Weeks

Dispatch

Transit location based

Delivery

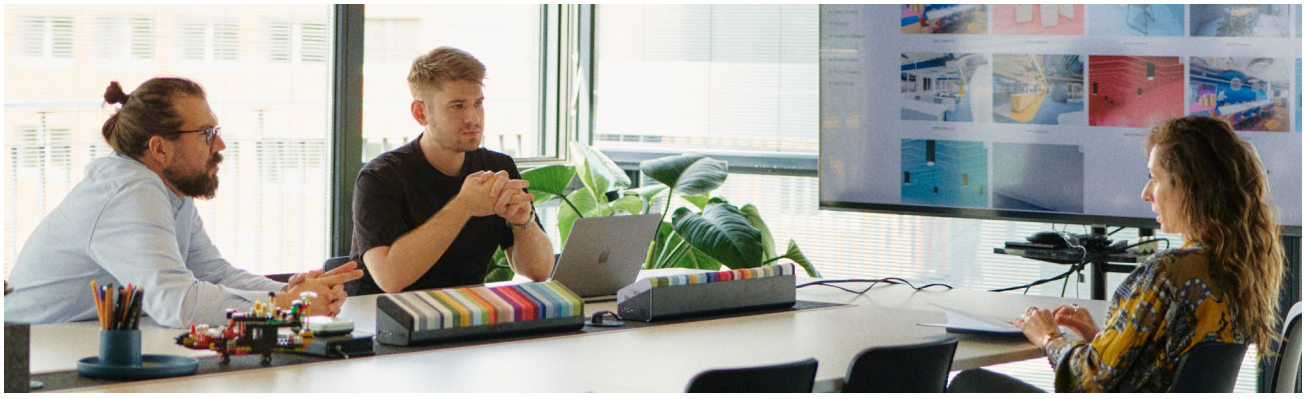
Contact Us

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

+41 41 244 14 00

connect@impactacoustic.com

Online form



1 - Quote and Production times may vary.

#We MakeAn Impact

connect@impactacoustic.com I www.impactacoustic.com