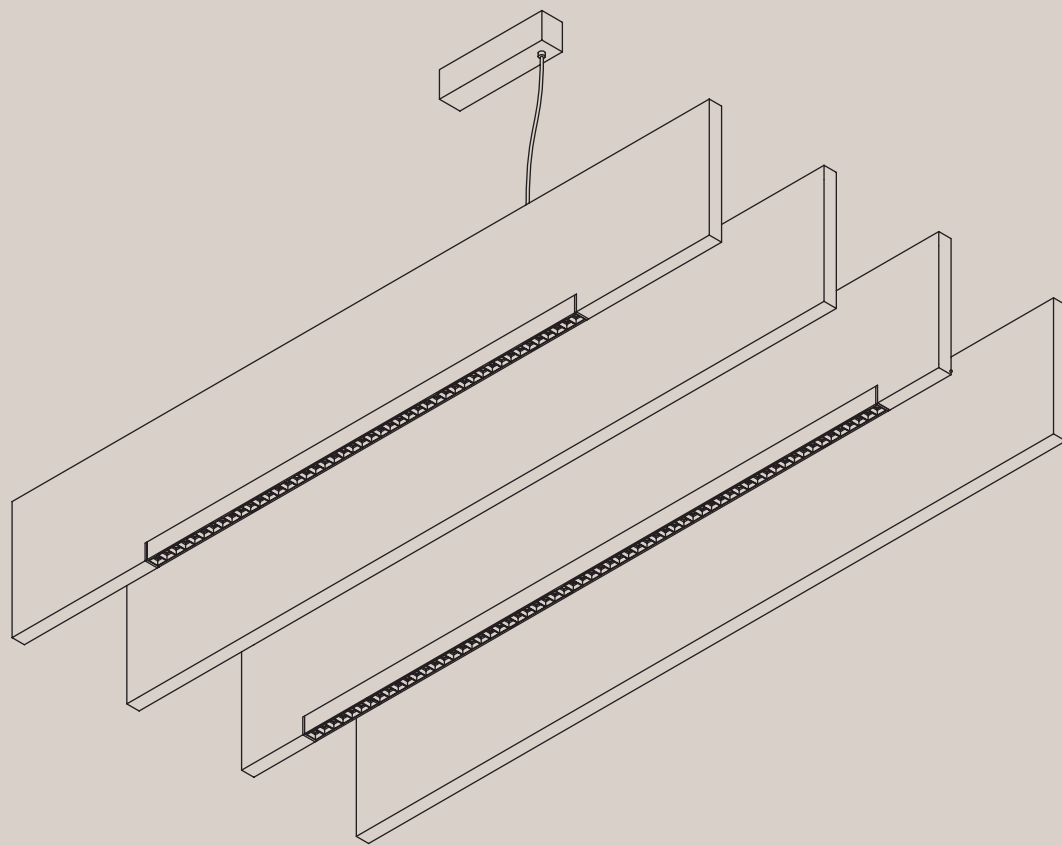


IMPACT ACOUSTIC®



LUMINA

Acoustic Lighting System

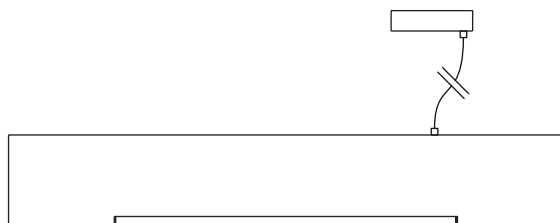
TECHNICAL DATA SHEET

LUMINA

Acoustic Lighting System

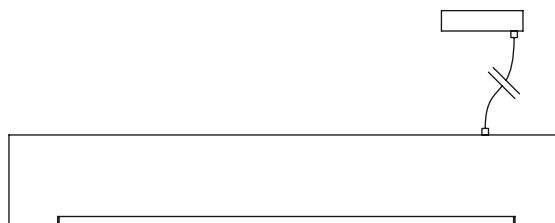


Linear Light Length
840mm / 33 5/64"



LUMINA SMALL

Linear Light Length
1120mm / 44 3/32"



LUMINA LARGE

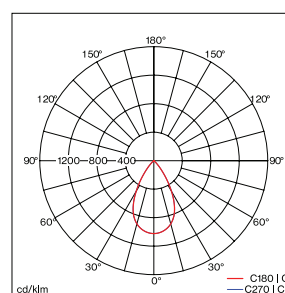
Lighting Product	Product Size	Colour code	Dimming	CCT	Market Voltages
LUMINA	SMALL with ARCHISONIC® Felt	Choose colour as shown on pg. 9 - 10	DALI 0-10V	2700 K 3000 K 3500 K 4000 K	Standard Voltage (220 - 240 V) USA Market (110 - 277 V)
	SMALL with ARCHISONIC® Riftcut				
	LARGE with ARCHISONIC® Felt				
	LARGE with ARCHISONIC® Riftcut				

Example: Lumina Large [1220mm / 44 3/32", Spearmint 706 colour, 220-240V (EU)]

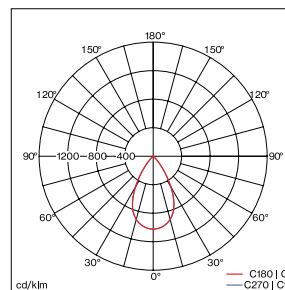
LIGHTING SPECIFICATIONS

	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			
Dimming	0-10V / DALI			
CRI	90			
Voltage (V)	220 - 240 / 110 - 277			
Driver Location	Ceiling Canopy / Recessed			

LIGHT DISTRIBUTION GRAPH



Lumina S



Lumina L

CERTIFICATIONS



IMPACT ACOUSTIC®
LUMINA rev.01 - 27.05.26

(Switzerland)
(USA)
(Philippines)

connect@impactacoustic.com
usa@impactacoustic.com
philippines@impactacoustic.com

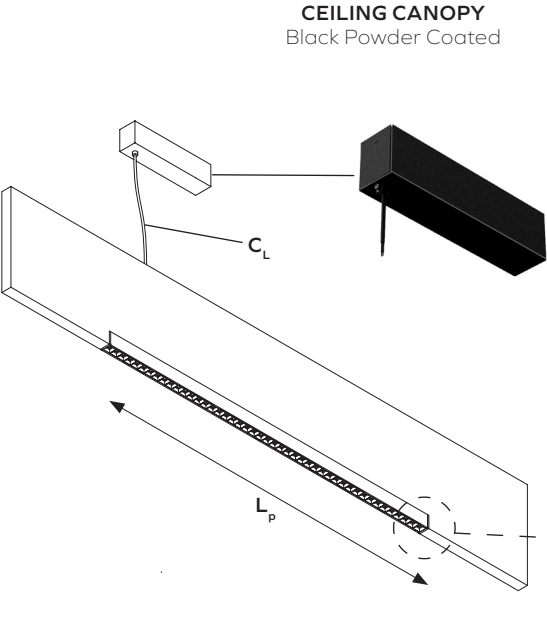
(+41) 41 244 14 00
(+1) 619 378 2100
(+63) 285 80 02 50

#WeMakeAnImpact

LUMINA Linear Light

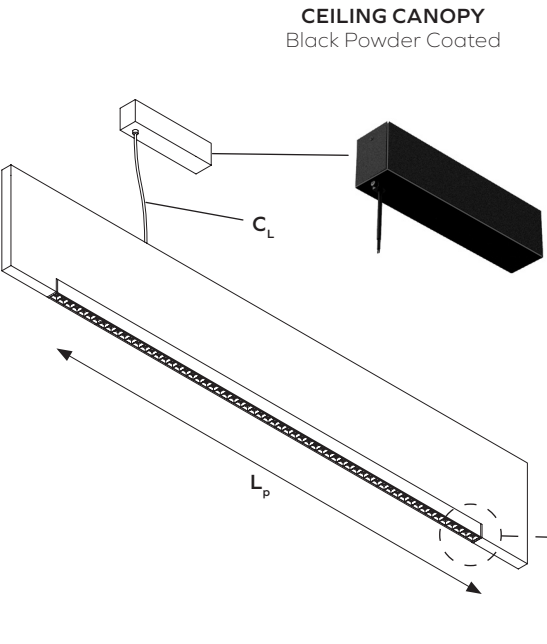
Geometry Information

1 LUMINA SMALL



Dimensions ¹		
L _p	Light Profile Length	840 mm / 33 5/64"
W _p	Light Profile Width	24 mm / 15/16"
H _p	Light Profile Height	30 mm / 1 3/16"
C _L	Cable Length	5 m / 16 ft 4 14/16" other Lengths on request

2 LUMINA LARGE

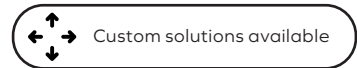


Dimensions ¹		
L _p	Light Profile Length	1120 mm / 44 3/32"
W _p	Light Profile Width	24 mm / 15/16"
H _p	Light Profile Height	30 mm / 1 3/16"
C _L	Cable Length	5 m / 16 ft 4 14/16" other Lengths on request

1 - All dimensions are nominal.

LUMINA Bespoke Baffle

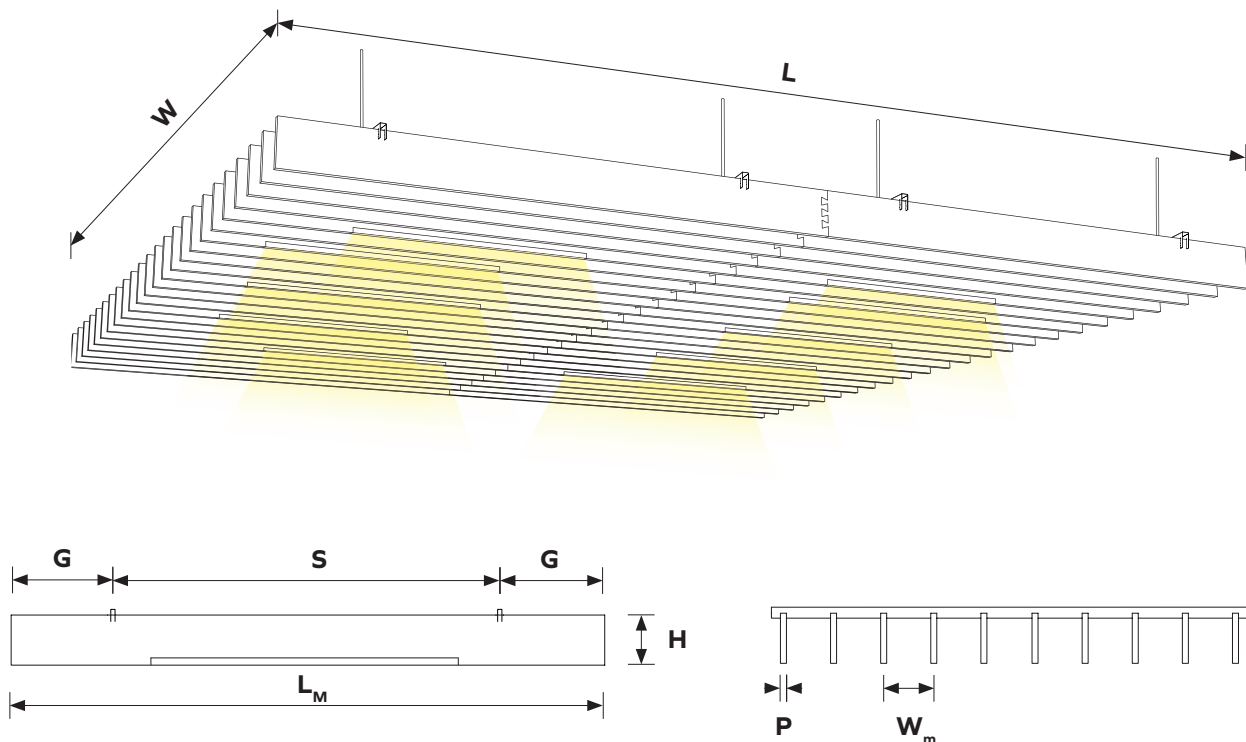
Geometry Information



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

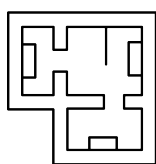
W	Total width	on demand	on demand	<i>bespoke</i>
W_m	Spacing	100 - 300 mm	4"-10"	<i>standard or bespoke</i>
L	Total length	on demand	on demand	<i>bespoke</i>
L_m	Length module	1600 - 2400 mm	63"-94.5"	<i>standard</i>
G	Overhang	400 mm	15.75"	<i>standard</i>
S	Support spacing	max. 1600	max.63"	<i>standard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

LUMINA Bespoke Baffle

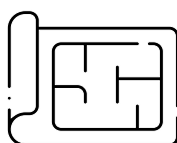
Specification Guide

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



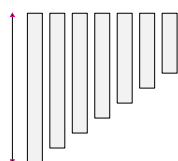
Ceiling Plans (RCP)

page 4



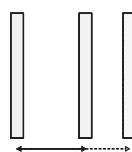
Other Considerations

2 Specify your Baffles:



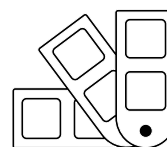
Height

page 4



Spacing

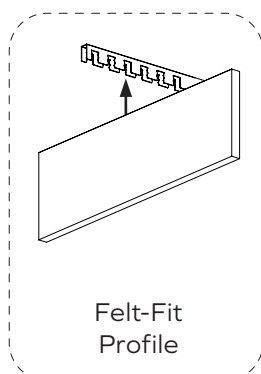
page 4



Colour

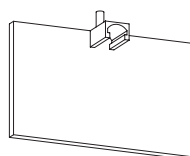
page 7 - 8

3 Select installation method:

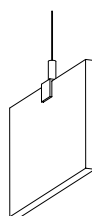


Felt-Fit
Profile

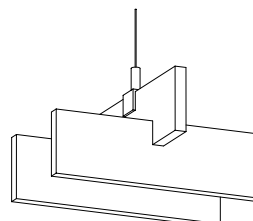
Standard
Installation
Method



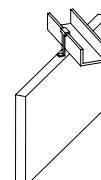
Strut Channel



Suspension Kit
Bracket



Suspension Kit
Bracket + Slotted
Baffle



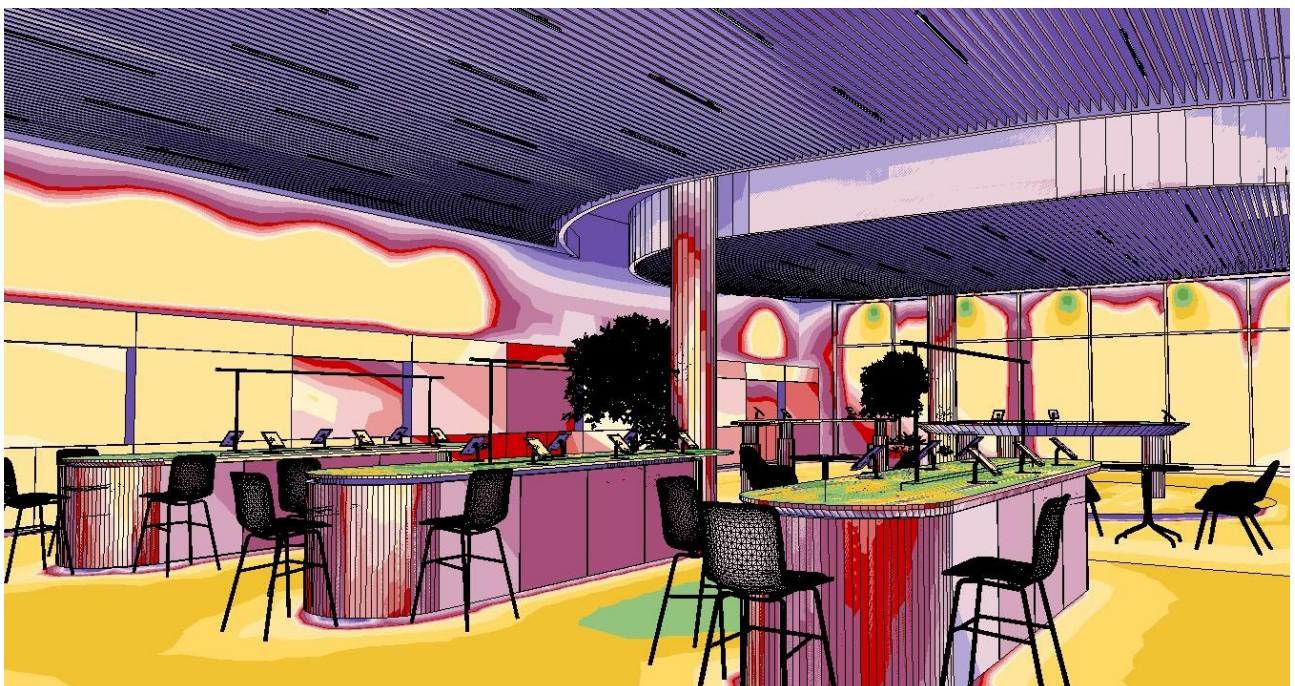
Multidirectional
track

LUMINA Algorithmic System

Acoustic meets lighting

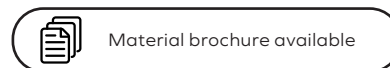
We developed an algorithmically optimized parametric baffle system with fully integrated lighting. It combines Computational Design, high-performance acoustic absorption, and architectural lighting into one coherent, elegant system.

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.



ARCHISONIC®

Colours



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	Jute	Fallow	Warm Stone	Truffle	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	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	Winter Sky	Deep Sea	Nocturne	True Navy	Ice Blue	Pacific Ocean	Lagoon
Code	810	865	410	918	866	194	304	432	917
NCS	S 7020-R70B	S 3560-R80B	S 2020-R90B	S 5020-R90B	S 8010-R90B	S 8005-B	S 0510-B	S 3040-B	S 7020-B30G

Name	Succulent	Spearmint	Seafoam	Nordic Pine	Moss	Grove	Pistachio	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.

Colours

ARCHISONIC®

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.



ELEGANT BRIGHTS



240 Pebble



241 Sunlit



242 Blush



ESSENTIAL MIDS



243 Malt



244 Honey



245 Mocha



CLASSICAL DARKS



246 Woodsmoke



247 Bourbon



248 Twilight

Sustainable Ink

CP65 and RoHS3 compliant



Order a free sample set



ARCHISONIC® Felt

Material Specification

Product Name	ARCHISONIC® Felt	
Content	100% PET (60% certified post-consumer content)	
Thickness¹	12mm (0.47")	24mm (0.94")
Max. Size	1200x2800mm (47"x110")	1800x2400mm (70"x94")
Acoustic²	ASTM: NRC=0.6 ISO: α_w =0.65	ASTM: NRC=0.9 ISO: α_w =0.95
Density¹	2400 g/m ² (0.49 lbs/ sqft)	4000 g/m ² (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 time³	21 days	
Fire Rating⁴	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)	
Thickness¹	12mm (0.47")	
Max. Size	1200x2800mm (47"x110")	
Acoustic^{2, 4}	ASTM: NRC=0.6 ISO: α_w =0.65	
Density¹	2400 g/m ² (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 Rating⁴	DIN EN 13501-1: B-s1, d0	ASTM E84 Class A
VOC Emission⁴	28 Days French Regulation A+ ASTM E84 Pass Breeam® (International, UK, NL, SE, NOR) Exemplary CDPH (CDPH/EHLB/Standard-Methode V1.2) Pass	
Certifications⁴	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



Declare.



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 days¹ from your first point of contact, allowing you to focus on what truly matters to you.



Contact our
consultant

Quote¹

48 h



Order Confirmation

Production¹

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.



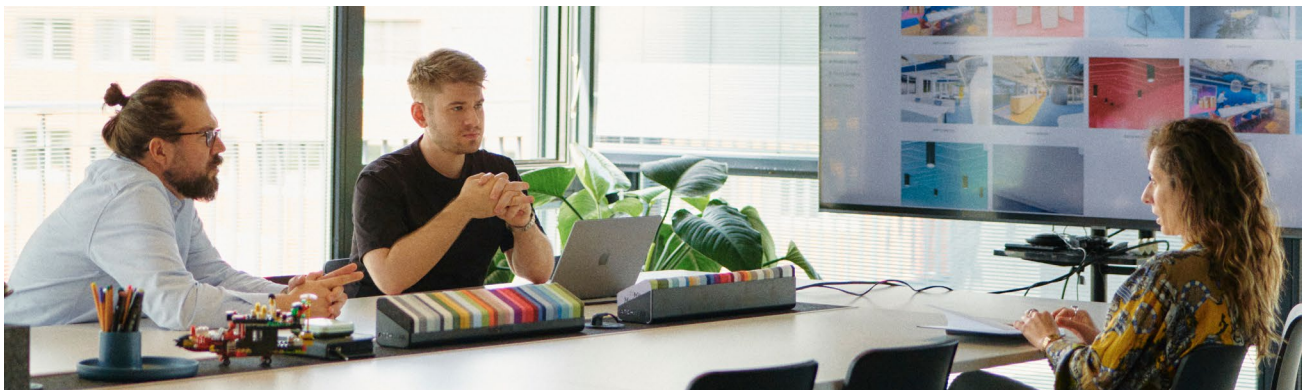
+41 41 244 14 00



connect@impactacoustic.com



Online form



¹ - Quote and Production times may vary.

#We MakeAn Impact

connect@impactacoustic.com | www.impactacoustic.com