IMPACT ACOUSTIC®

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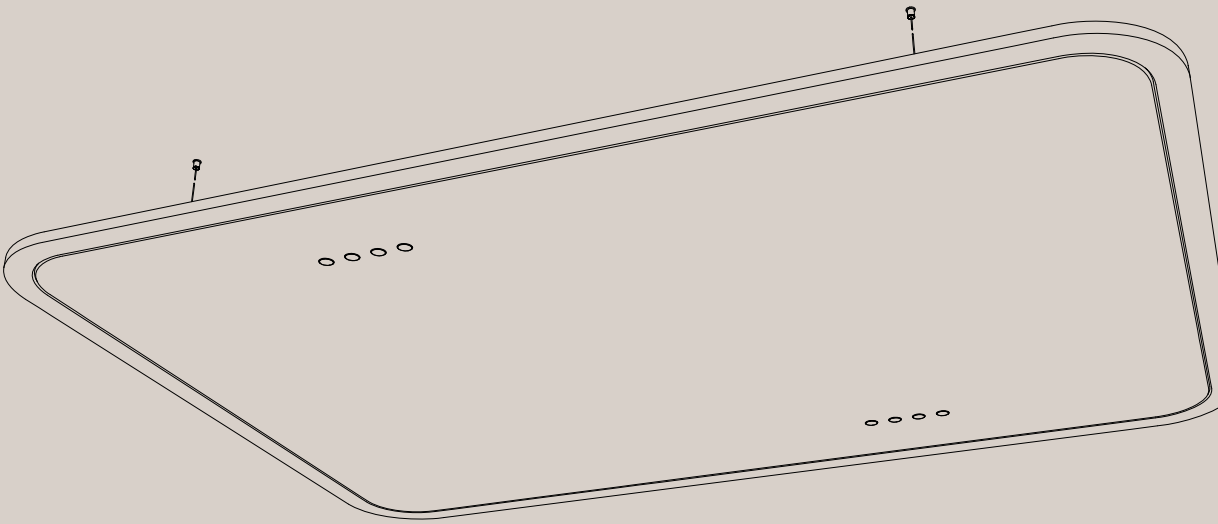


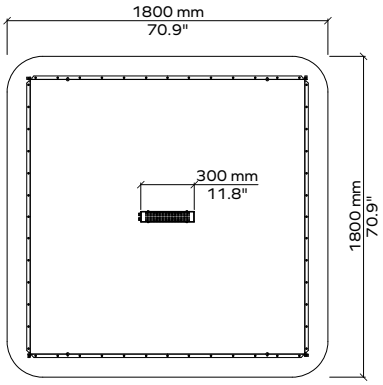
Focus
Acoustic Lighting

721.24.10.000.00
721.24.11.000.00

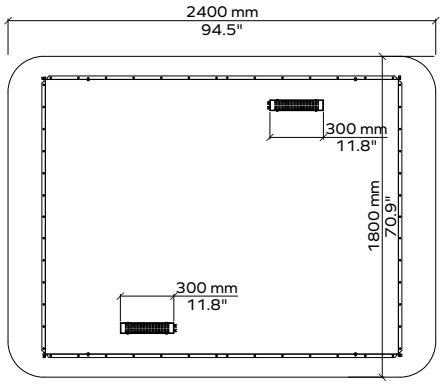
TECHNICAL DATA SHEET

Focus
Acoustic Lighting

PRODUCT DIMENSIONS



SMALL
721.24.11



LARGE
721.24.10

ARTICLE NUMBERS

Lighting Product	Product Size	Color code	CCT	North American Market
721.24.	11 (Small)	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
			30 (3000K)	
	10 (Large)		35 (3500K)	
			40 (4000K)	

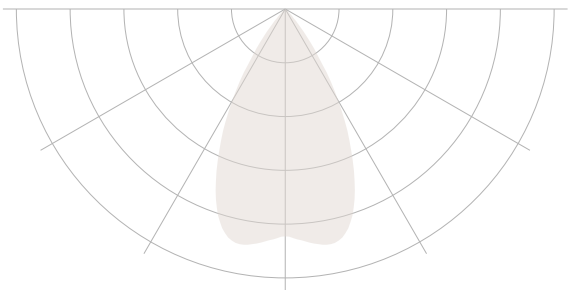
Example: 721.24.10.706.35A

Focus Small [(1480x300mm / 58.25" x 11.8", Spearmint 706 color, 3500K CCT, 110-277V (North America)]

LIGHTING SPECIFICATIONS

	For all sizes
Output	Direct Only
Total Lumen Output (lm)	1440
Wattage	28
Efficacy (lm/W)	54.48
Diffuser	Microprism
Beam Angle	34
CCT	2700-3000-3500-4000K
CRI	90+
MacAdam	3
Dimming	0-10V 0.1% DSI/DALI
Driver Location	On-Board

LIGHT DISTRIBUTION GRAPH



CERTIFICATIONS

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ARCHISONIC®
Colors

Material brochure available

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

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

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

Name	Garnet	Hot Pink	Poster Red	Electric Orange	Winter Sky	Pacific Ocean	Midnight	Grape
Color Code	**724**	**140**	**662**	**464**	**311**	**311**	**810**	**540**
NCS Code	S 5040-R10B	S 2060-R20B	S 1080-R	S 0580-Y70R	S 5030-G10Y	S 5030-G10Y	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

IMPACT ACOUSTIC®
Acoustic Lighting

rev.01 - 11.08.23

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Focus
Acoustic Lighting

ACOUSTIC PERFORMANCE

University of Stuttgart
Germany

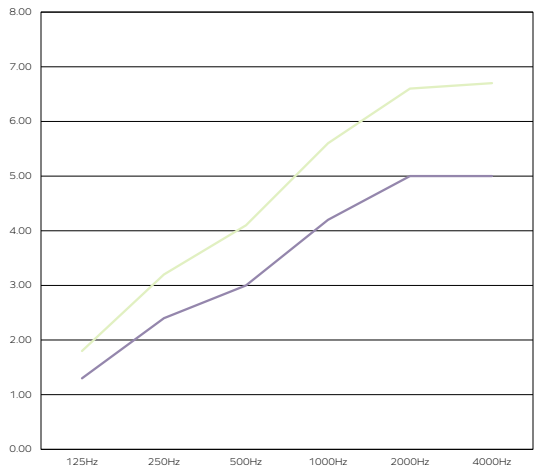
ISO Standards

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

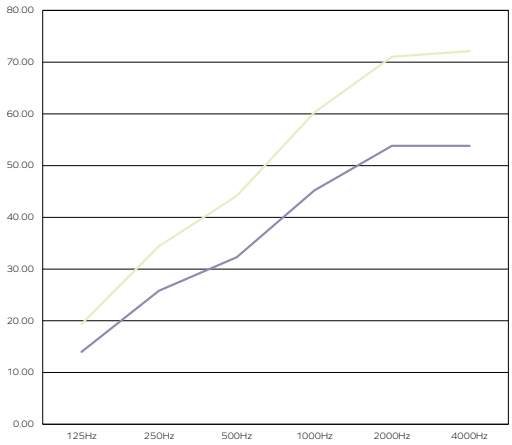
Equivalent ASTM standards

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

ISO	**Equivalent Absorption Surface Area for the object (Aeq) (m^2)**	
Frequency (Hz)	**11 (Small)**	**10 (Large)**
125	1.30	1.80
250	2.40	3.20
500	3.00	4.10
1000	4.20	5.60
2000	5.00	6.60
4000	5.00	6.70



ASTM	**Sabins (ft^2)**	
Frequency (Hz)	**11 (Small)**	**10 (Large)**
125	13.99	19.38
250	25.83	34.44
500	32.29	44.13
1000	45.21	60.28
2000	53.82	71.04
4000	53.82	72.12



"Just like sound, lighting appeals to the senses and is a driver for a good work environment and contributes to your health and well-being and should be synced with your circadian rhythm. However, if every evening you're the last person to switch off the lights in the office, you might have a tag on your back saying "overachiever".

– Daniel Verlooven

Focus Small
Focus Large

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ARCHISONIC®
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)
Color Fastness	**Class 6** ISO 105-B02:A1	
Color	**32 colors** (see Archisonic® Felt Color 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.	
Lead time[3]	21 days	
Fire Rating	DIN EN 13501-1: **B-s1, d0**	ASTM E84 **Class A**
VOC Emission	**A+** 28 Days French Regulation	ASTM E84 **Pass**
Certifications	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), Breeam, 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

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