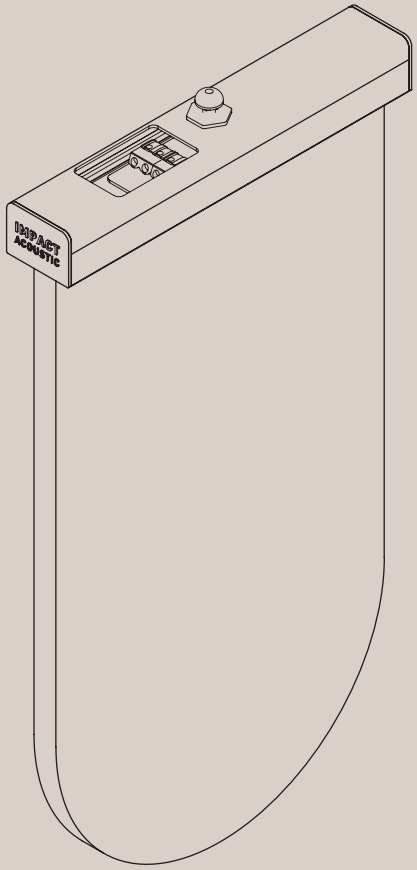
IMPACT ACOUSTIC®



FLOCK
Acoustic Lighting

Lighting Module
719.12.50.000.00

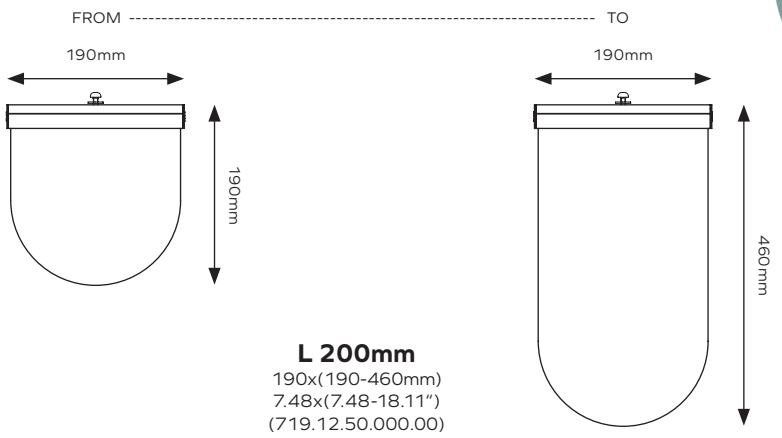
Electrical Kit
719.12.51.000.00

TECHNICAL DATA SHEET

FLOCK
Acoustic Lighting



PRODUCT DIMENSIONS



L 200mm
190x(190-460mm)
7.48x(7.48-18.11")
(719.12.50.000.00)

ARTICLE NUMBERS

Lighting Product	Product Size	Colour code	Colour Temperature	Market Voltages
719.12.	**50.** (L 200mm)	**000.** Choose colour as shown on pg. 3	**30.** 3000K	**Standard Voltage** (220 - 240 V)

Example: 719.12.50.706.30
Flock Light L200 [190x340mm /7.48x13.39", Spearmint 706 colour, 3000K, (EU)]

DRIVER SPECIFICATIONS

Specifications	One per composition (719.12.50.000.00)
Wattage DRIVER Max (W)	80 (up to 15 5W modules)
Voltage	220 V - GLOBAL

LED PANEL SPECIFICATIONS

Specifications	For all sizes (719.12.)
Wattage LED module (W)	5
Voltage (V)	24
Lumen (lm)	370

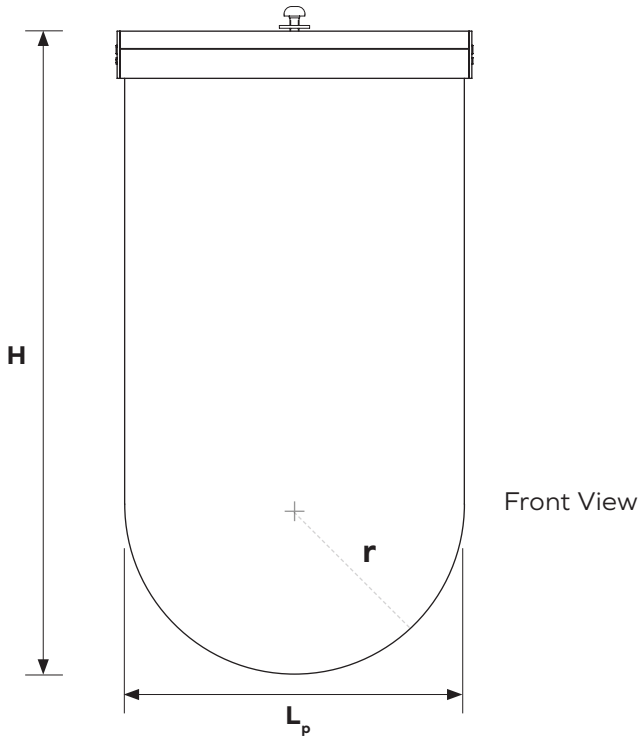
Example: 719.12.51.000.00
Electrical canopy box + cable 15m [Canopy 60x290x75 with driver ON-OFF]

CERTIFICATIONS

(Switzerland) connect@impactacoustic.com (+41) 41 244 1400
(USA) usa@impactacoustic.com (+1) 619 378 2100
(Philippines) philippines@impactacoustic.com (+63) 285 80 02 50

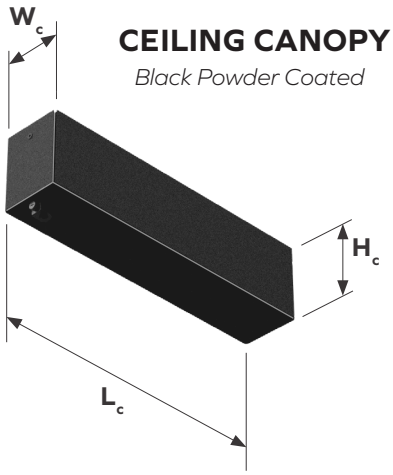
FLOCK
Geometry Information

L 200mm 719.12.50.000.00



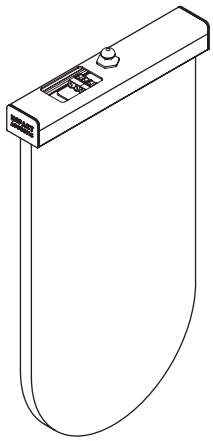
Front View

Bottom View



CEILING CANOPY

Black Powder Coated



Perspective View

Dimensions		**L 200mm** 719.12.50.000.00
W	Width	34 mm / 1.33″
H	Height	from 190 mm / 7.48″ to 460 mm / 18.11″
L	Length	190 mm / 7.48″
L_p	Felt Panel Length	180 mm / 7.09″
r	Radius	90 mm / 3.54″
L_c	Ceiling Canopy Length	290 mm / 11.42″
W_c	Ceiling Canopy Width	60 mm / 2.36″
H_c	Ceiling Canopy Height	75 mm / 2.95″

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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-R90B	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 to create harmonious palettes that 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® Felt
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]	**ASTM:** NRC=0.6 **ISO**: αw=0.65
Density[1]	2400 g/m² (0.49 lbs/ sqft)
Colour Fastness	**Class 6** ISO 105-B02:A1
Colours	**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.
Lead time[3]	21 days
Fire Rating[4]	DIN EN 13501-1: **B-s1, d0** ASTM E84 **Class A**
VOC Emission	**Indoor Air Comfort® GOLD** Compliance with leading international indoor air quality standards and sustainable building schemes across Europe and North America, including LEED, WELL, BREEAM, M1, AgBB, EMICODE, EU Taxonomy and REACH requirements. Additional documentation available upon request.
Thermal Conductivity[5]	12 mm: 0.039 W/m·K
Thermal Resistance[5]	12 mm: 0.30 m²K/W
Certifications	Declare label, Cradle to Cradle, UL Environmental Product Declaration, Member of US Green Building Council, Ecobau 1st Priority, Climate-KIC, 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
5 - values based on third-party testing according to ASTM C518.

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

FLOCK
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
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

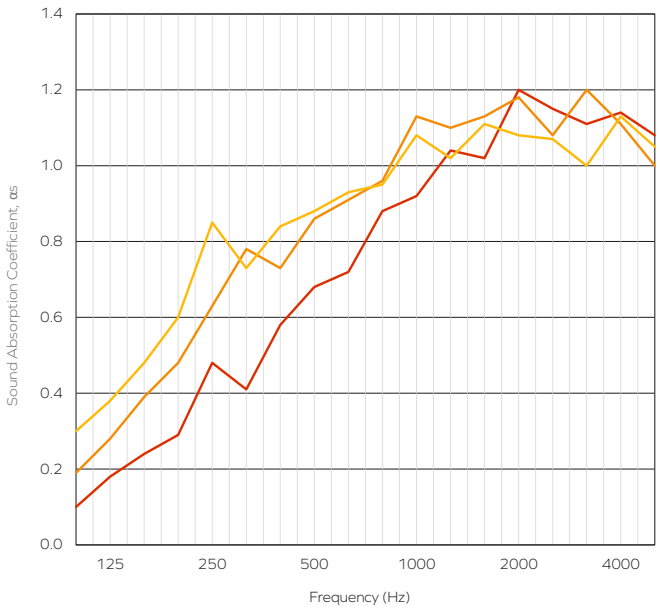
Acoustic Test Results	αw	SAA	NRC
Flock Straight 190[1]	0.65 (MH)	0.78	0.80
Flock Straight 270[1]	0.9	0.91	0.95
Flock Straight 340[1]	0.95	0.93	0.95

1 - Measured with 300mm airgap

The NRC rating is calculated as the average of the absorption coefficients measured at frequencies of 250Hz, 500Hz, 1000Hz and 2000Hz and round to the nearest 0.05. SAA rating is calculated as the average of the sound absorption coefficients of a material for the twelve one-third octave bands from 200Hz through 2500Hz and rounded off to the nearest 0.01.

Acoustic Performance

Frequency (Hz)		125	250	500	1000	2000	4000
Flock Straight 190	α_p	0.15	0.40	0.65	0.95	1.00	1.00
Flock Straight 270	α_p	0.30	0.65	0.85	1.00	1.00	1.00
Flock Straight 340	α_p	0.40	0.75	0.90	1.00	1.00	1.00



Flock Straight 190
Flock Straight 270
Flock Straight 340

The table represents the practical sound absorption coefficient (α_p) in accordance with ISO 11654. The graph represents the sound absorption coefficients (αs) in the third octave band center frequencies in accordance with ISO 354. Measurement used Pink Noise as excitation signal in a reverberant room.

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FLOCK
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
- Colour families
- Instruction
  videos
- Associated
  products specs

Ordering Process

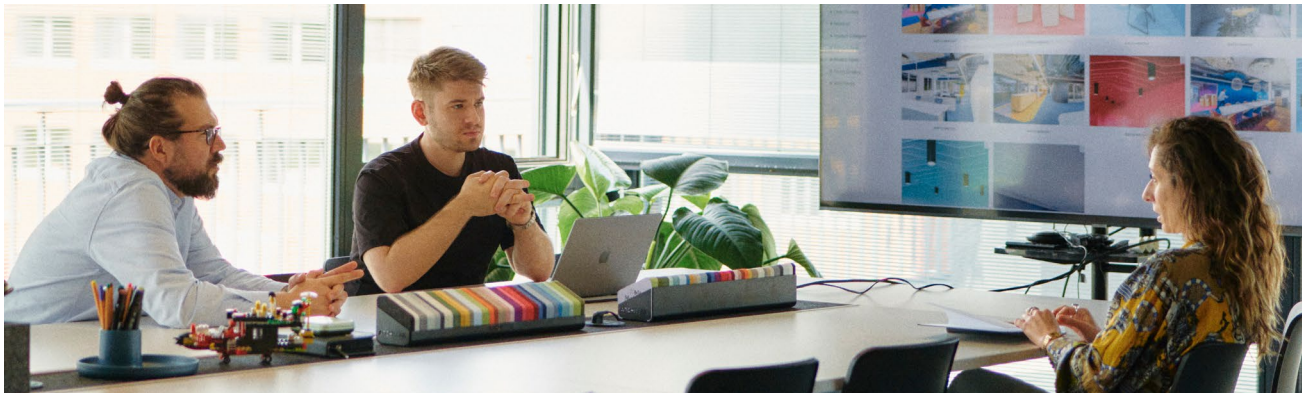
Our experienced team of Project Consultants will guide and support you throughout the order process. We fulfill the majority of our orders in as little as 21 days[1] from your first point of contact, allowing you to focus on what truly matters to you.

Contact our consultant → Quote[1] 48 h → Order Confirmation → Production[1] 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 41 244 14 00 | connect@impactacoustic.com | Online form



1 - Quote and Production times may vary.

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#We MakeAn Impact

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