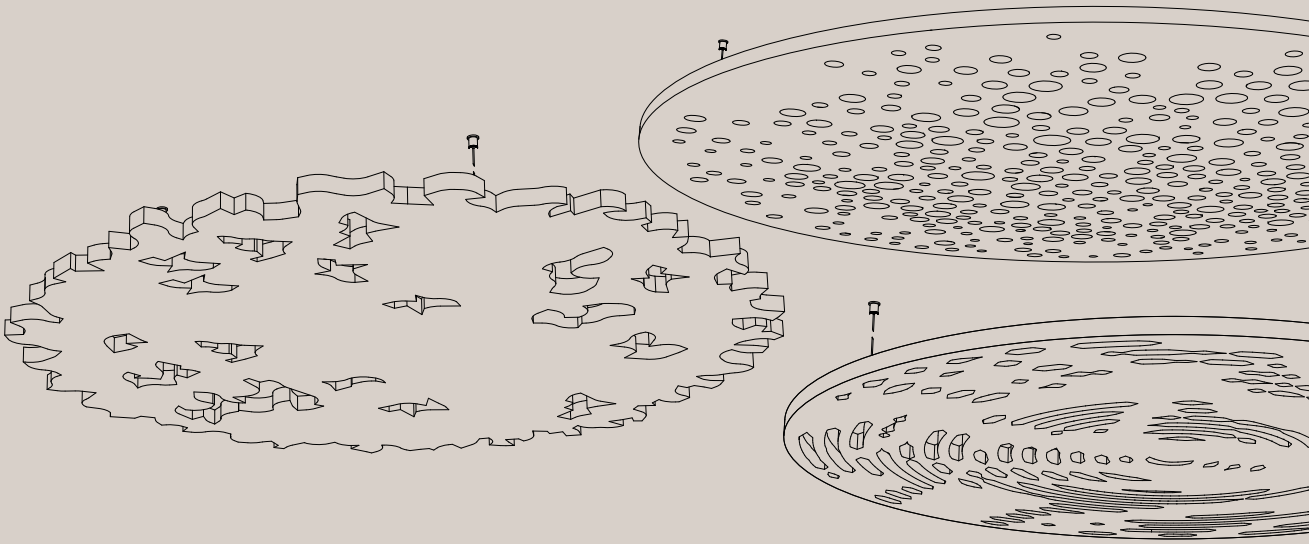
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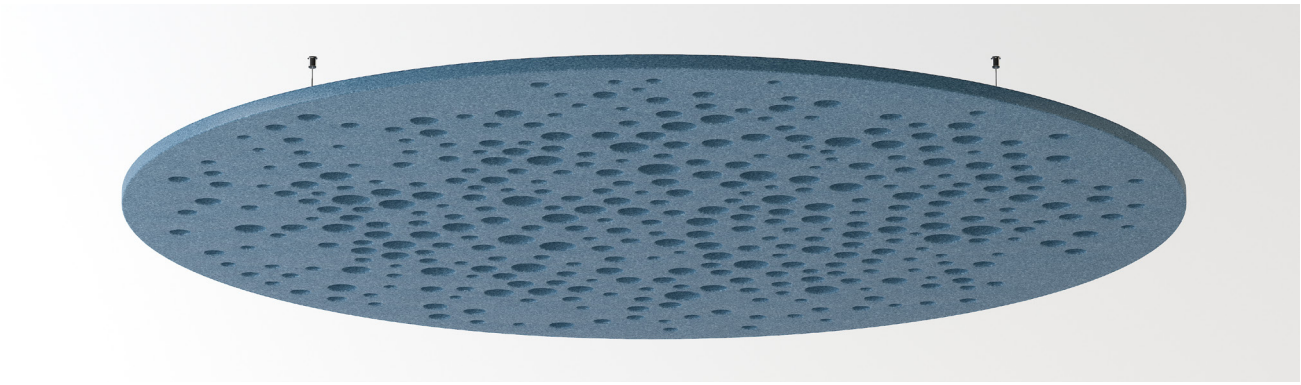
Web, Bubble, Forest, Jungle
Round Ceiling Panels

711.24.17.000.10	711.24.17.000.12
711.24.18.000.10	711.24.18.000.12
711.24.20.000.00	711.24.24.000.00
711.24.21.000.00	711.24.25.000.00

TECHNICAL DATA SHEET

Web, Bubble, Forest and Jungle

General Information



Data

Applicable article numbers

711.24.17.000.10	711.24.17.000.12	711.24.21.000.00	711.24.24.000.00
711.24.18.000.10	711.24.18.000.12	711.24.21.000.00	711.24.25.000.00

Dimensions[1]

Custom solutions available

Diameter	1200 or 1800mm	47.24" or 70.87"
Material thickness	24mm	0.94"

Material

Panel	100% PET (60% post-consumer) in 32 colors.	Extended document available

Weight[2]

24mm PET Material	4kg/m^2 kg (±10%)	0.82 lbs/ft^2 (±10%)

(for specific product weight please refer to Geometry Information pages 5-10)

Included

Ceiling Panel	Installation Kit	Installation guide	Warranty 2 years[3]

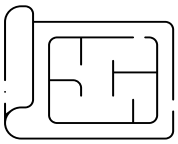
1 - all dimentions are nominal 2 - all weight values are nominal 3 - Impact Acoustic warranty terms apply

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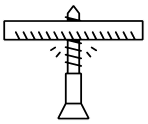
Web, Bubble, Forest and Jungle
Specification Guide

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 personalised customized options.

1 Prepare this information:

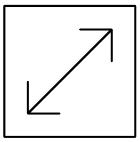


Ceiling Plans (RCP)



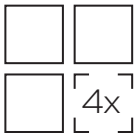
Ceiling Type

2 Specify your Baffles:



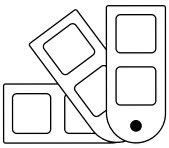
Size

page 5 and 6



Number of Modules

page 4



Color

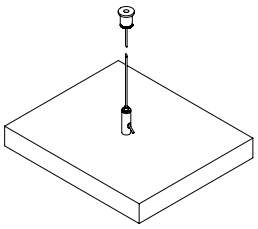
page 8



Pattern

page 8

3 Verify installation method:



Direct gripper

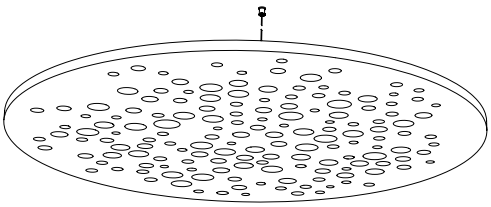
page 7

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Web, Bubble, Forest and Jungle
Product Family Overview

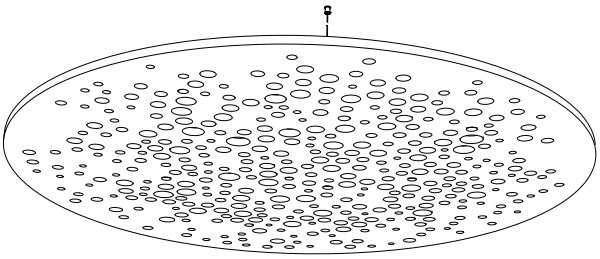
3 Ceiling Panels Round Perforated

711.24.17.000.12 - Ceiling Panel Round Bubbles



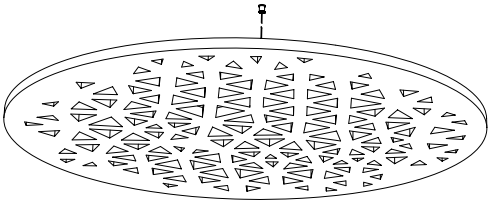
(D1200 x 24mm)
(D47.24" x 0.94")

711.24.18.000.12 - Ceiling Panel Round Bubbles



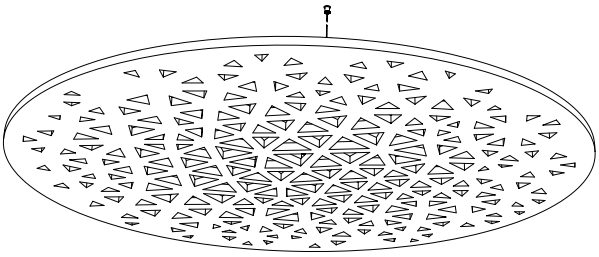
(D1800 x 24mm)
(D70.87" x 0.94")

711.24.17.000.10 - Ceiling Panel Round Web



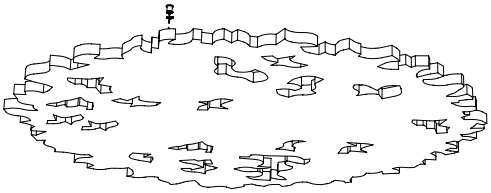
(D1200 x 24mm)
(D47.24" x 0.94")

711.24.18.000.10 - Ceiling Panel Round Web



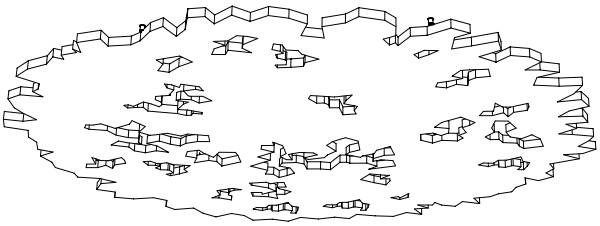
(D1800 x 24mm)
(D70.87" x 0.94")

711.24.20.000.00 - Ceiling Panel Round Forest



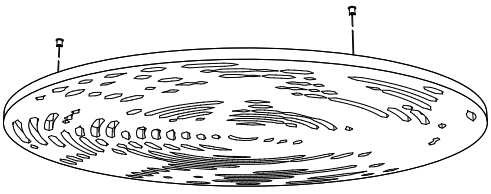
(D1200 x 24mm)
(D47.24" x 0.94")

711.24.21.000.00 - Ceiling Panel Round Forest



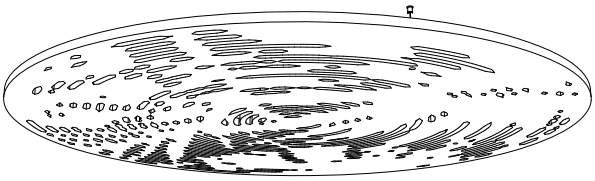
(D1800 x 24mm)
(D70.87" x 0.94")

711.24.20.000.00 - Ceiling Panel Round Jungle



(D1200 x 24mm)
(D47.24" x 0.94")

711.24.21.000.00 - Ceiling Panel Round Jungle



(D1800 x 24mm)
(D70.87" x 0.94")

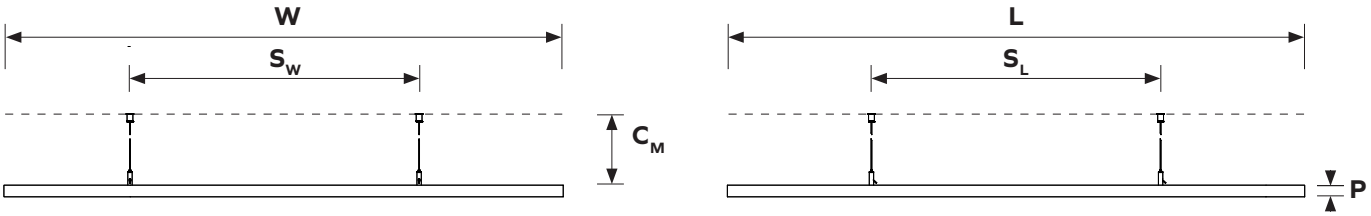
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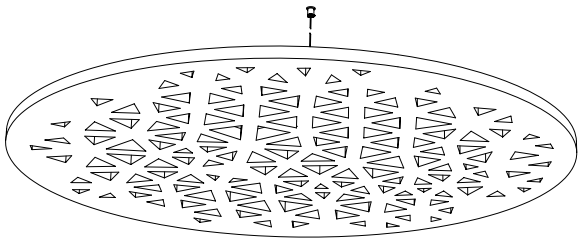
Web

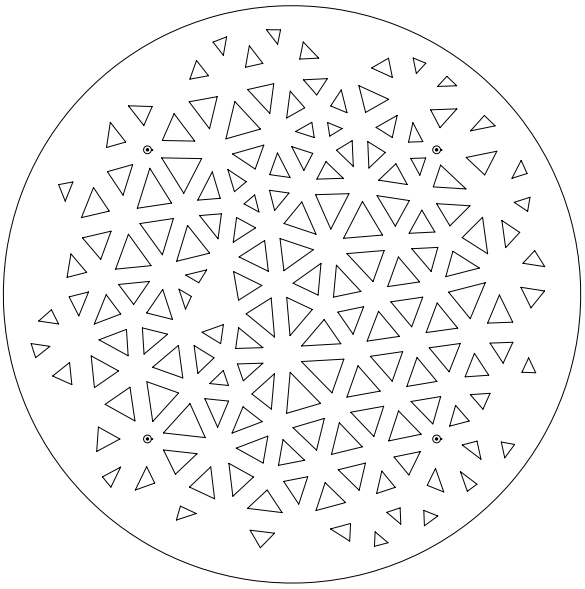
Custom solutions available

Geometry Information

Ceiling Panel Round 711.24.17.000.10







Dimensions table [1]

W	Total width	1195mm	47.05”
L	Total length	1195mm	47.05”
C_M	Distance from ceiling	min. 100mm	min. 4”
S_W	Support spacing W	595mm	23.43”
S_L	Support spacing L	595mm	23.43”
P	PET material thickness	24mm	0.94”

Weight table [2]

	PET panel	3.68 kg	8.11 lbs

1 - all dimentions are nominal 2 - all weight values are nominal

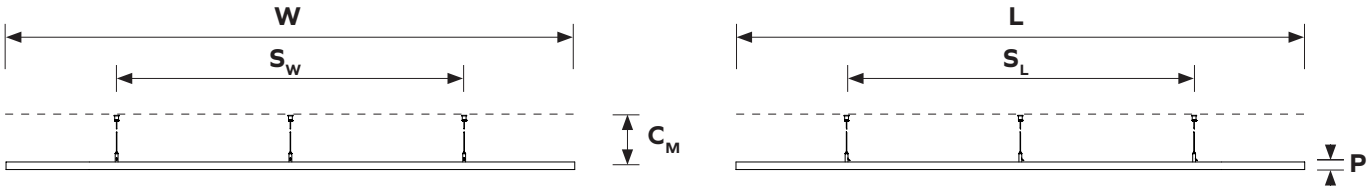
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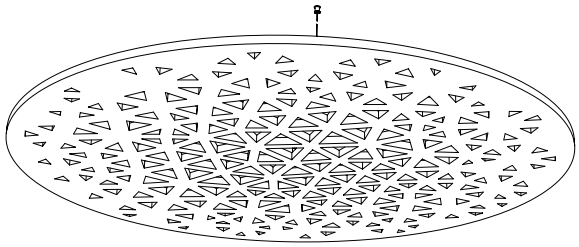
Web

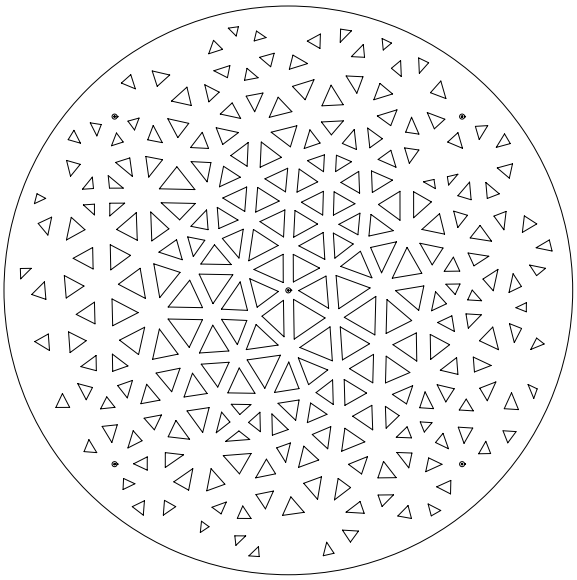
Custom solutions available

Geometry Information

Ceiling Panel Round 711.24.18.000.10







Dimensions table [1]

W	Total width	1800mm	70.87”
L	Total length	1800mm	70.87”
C_M	Distance from ceiling	min. 100mm	min. 4”
S_W	Support spacing W	1100mm	23.43”
S_L	Support spacing L	1100mm	23.43”
P	PET material thickness	24mm	0.94”

Weight table [2]

	PET panel	8.43 kg	18.58 lbs

1 - all dimentions are nominal 2 - all weight values are nominal

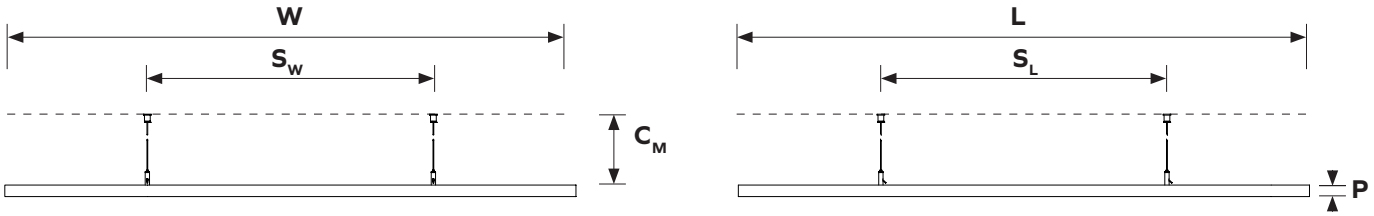
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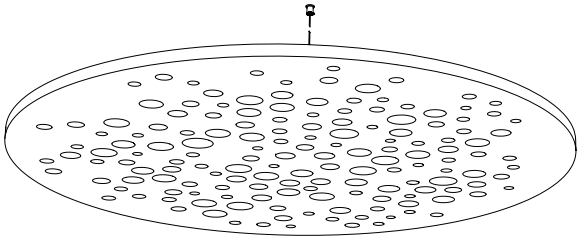
Bubble

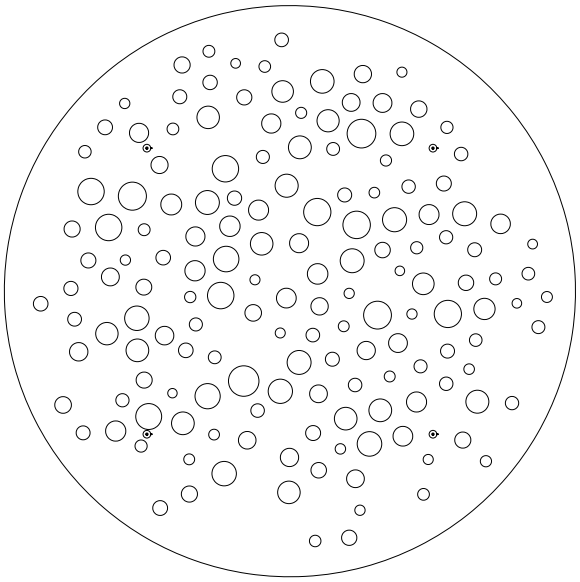
Custom solutions available

Geometry Information

Ceiling Panel Round 711.24.17.000.12







Dimensions table [1]

W	Total width	1195mm	47.05"
L	Total length	1195mm	47.05"
C_M	Distance from ceiling	min. 100mm	min. 4"
S_W	Support spacing W	595mm	23.43"
S_L	Support spacing L	595mm	23.43"
P	PET material thickness	24mm	0.94"

Weight table [2]

	PET panel	3.77 kg	8.31 lbs

1 - all dimentions are nominal 2 - all weight values are nominal

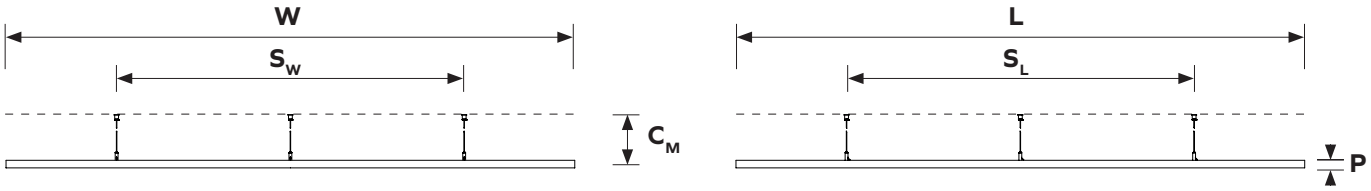
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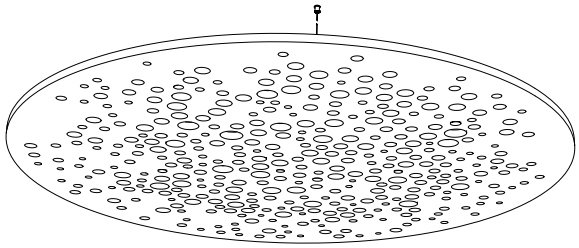
Bubble

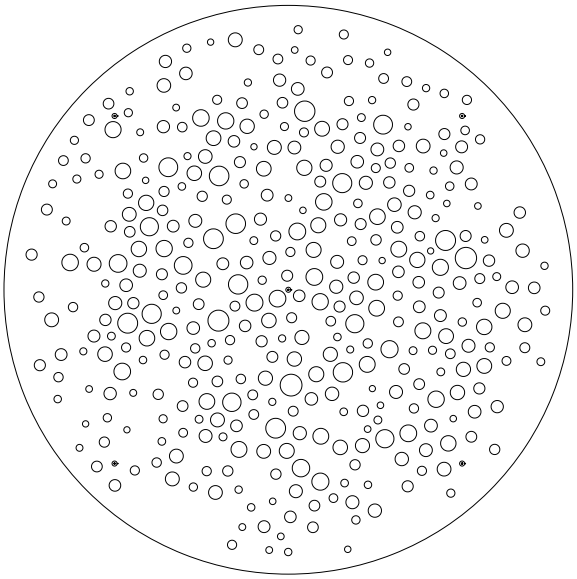
Custom solutions available

Geometry Information

Ceiling Panel Round 711.24.18.000.12







Dimensions table [1]

W	Total width	1800mm	70.87"
L	Total length	1800mm	70.87"
C_M	Distance from ceiling	min. 100mm	min. 4"
S_W	Support spacing W	1100mm	23.43"
S_L	Support spacing L	1100mm	23.43"
P	PET material thickness	24mm	0.94"

Weight table [2]

	PET panel	8.50 kg	18.74 lbs

1 - all dimentions are nominal 2 - all weight values are nominal

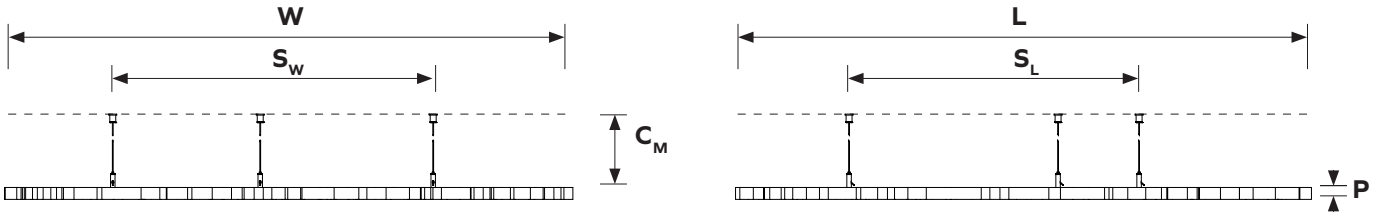
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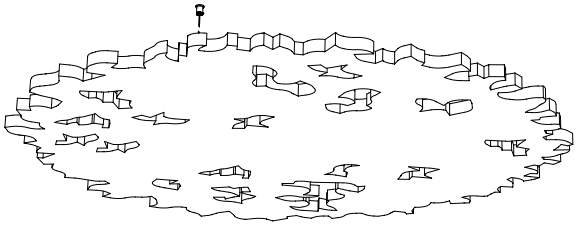
Forest

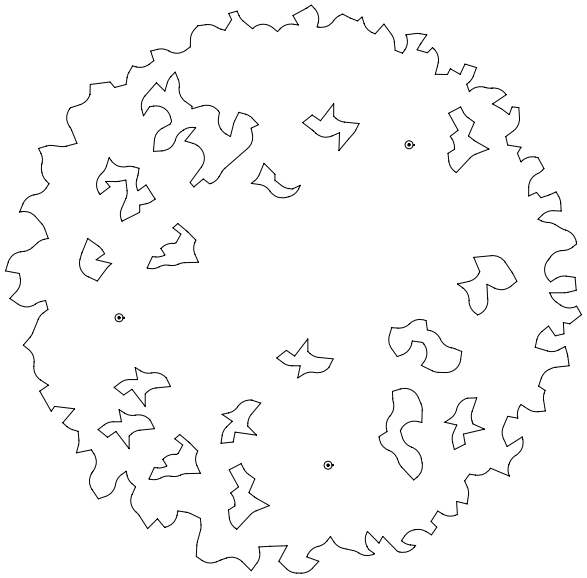
Custom solutions available

Geometry Information

Ceiling Panel Round 711.24.20.000.00







Dimensions table [1]

W	Total width	1145mm	45.08″
L	Total length	1160mm	45.67″
C_M	Distance from ceiling	min. 100mm	min. 4″
S_W	Support spacing W	680mm	26.77″
S_L	Support spacing L	515mm	20.28″
P	PET material thickness	24mm	0.94″

Weight table [2]

	PET panel	3.35 kg	7.39 lbs

1 - all dimentions are nominal 2 - all weight values are nominal

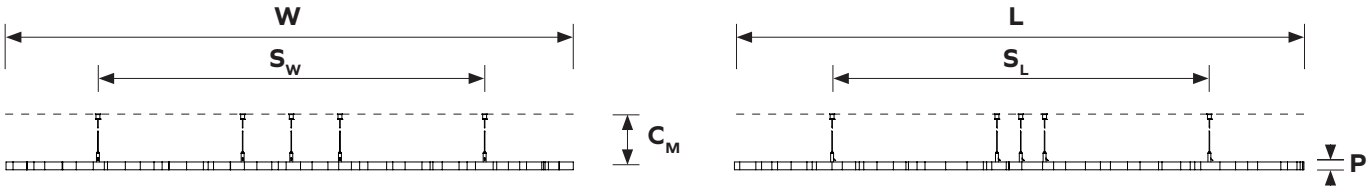
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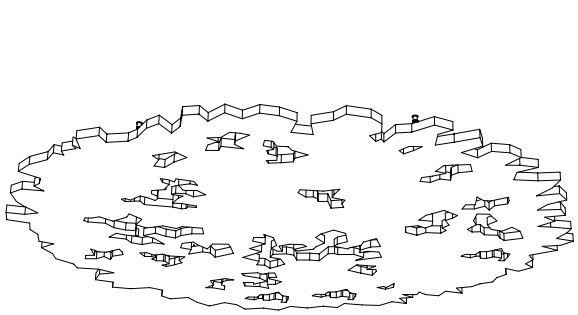
Forest

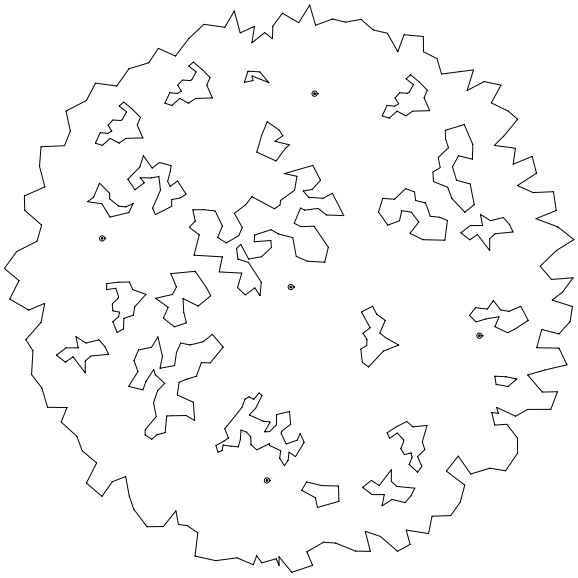
Custom solutions available

Geometry Information

Ceiling Panel Round 711.24.21.000.00







Dimensions table [1]

W	Total width	1743mm	68.62”
L	Total length	1750mm	68.90”
C_M	Distance from ceiling	min. 100mm	min. 4”
S_W	Support spacing W	1197mm	47.13”
S_L	Support spacing L	1197mm	47.13”
P	PET material thickness	24mm	0.94”

Weight table [2]

	PET panel	7.56 kg	16.67 lbs

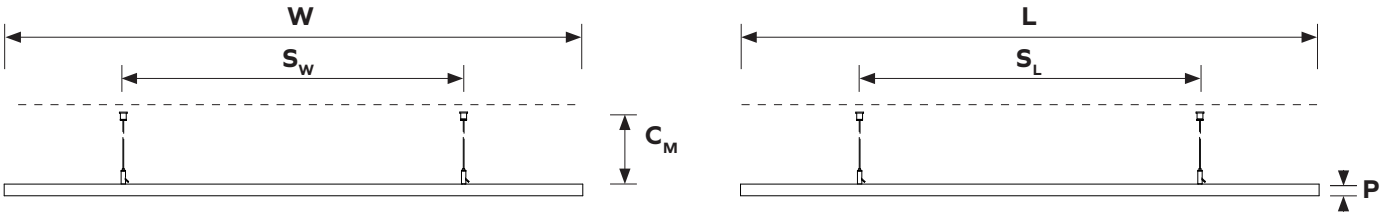
1 - all dimentions are nominal 2 - all weight values are nominal

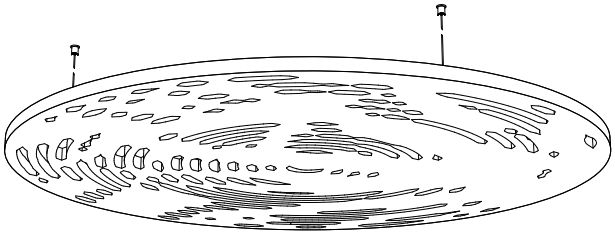
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Jungle
Geometry Information

Custom solutions available

Ceiling Panel Round 711.24.24.000.10







Dimensions table [1]

W	Total width	1195mm	47.05"
L	Total length	1195mm	47.05"
C_M	Distance from ceiling	min. 100mm	min. 4"
S_W	Support spacing W	700 mm	27.56"
S_L	Support spacing L	700 mm	27.56"
P	PET material thickness	24mm	0.94"

Weight table [2]

	PET panel	3.68 kg	8.11 lbs

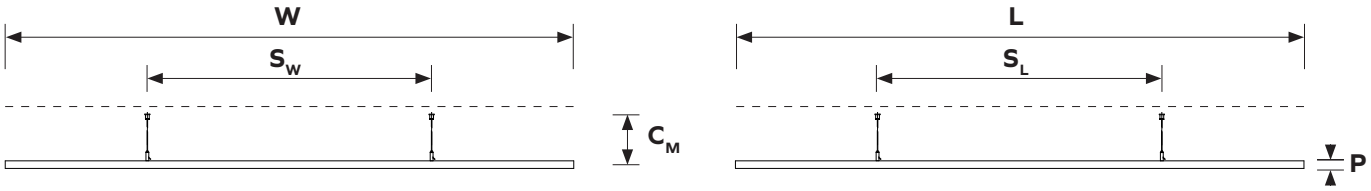
1 - all dimentions are nominal 2 - all weight values are nominal

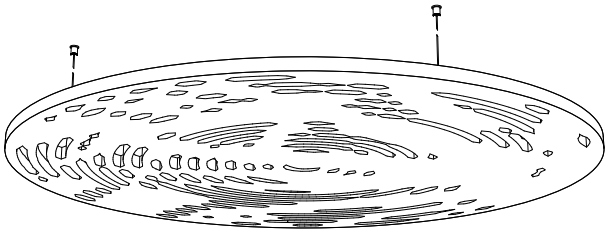
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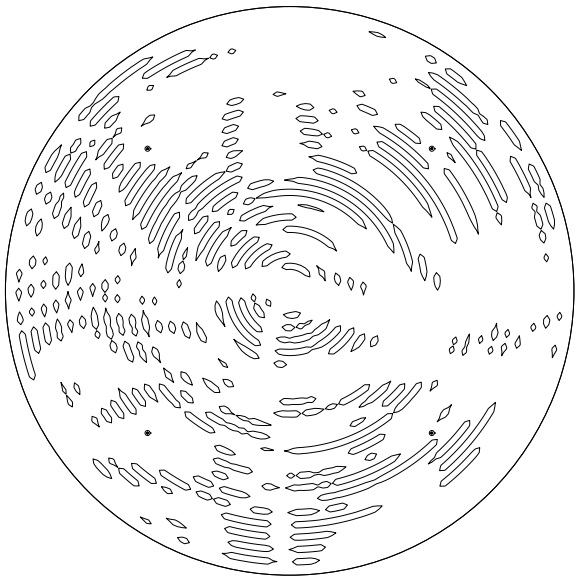
Jungle
Geometry Information

Custom solutions available

Ceiling Panel Round 711.24.25.000.10







Dimensions table [1]

W	Total width	1800mm	70.87”
L	Total length	1800mm	70.87”
C_M	Distance from ceiling	min. 100mm	min. 4”
S_W	Support spacing W	900 mm	35.43”
S_L	Support spacing L	900 mm	35.43”
P	PET material thickness	24mm	0.94”

Weight table [2]

	PET panel	8.43 kg	18.58 lbs

1 - all dimentions are nominal 2 - all weight values are nominal

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Web, Bubble, Forest and Jungle

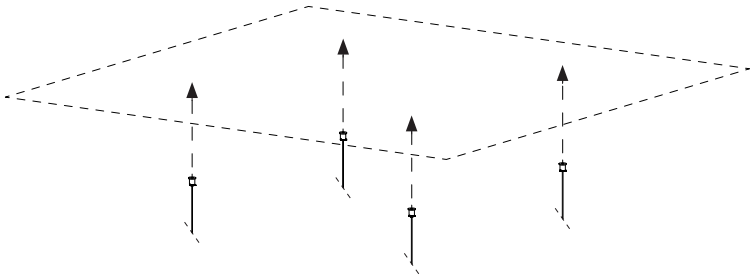
Extended document available

Installation Overview

1 Attach mounting hardware

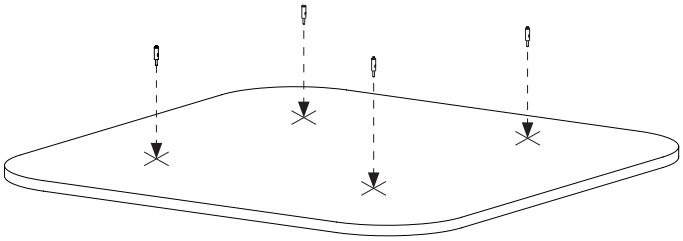
Measure the right spacing according to the X marks on the panel and attach mounting cables to the ceiling.





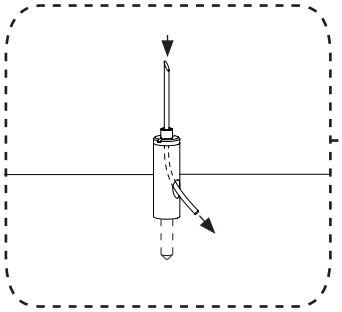
2 Attach grippers to the panel

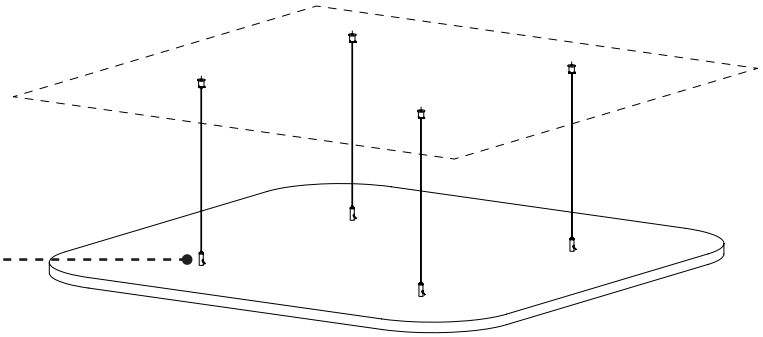
Screw the cable brippers into the panel at the locations indicated by X mark on the panel back surface.



3 Connect cables

Pull suspension cables through Grippers and adjust the cable length.





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ARCHISONIC®
Colours

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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	S2502-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-R90 B	S 5020-R90B	S 8010-R90B	S8005-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	**S4005-Y**	S6010-G90Y

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

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®
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

MINIMUM 60% RECYCLED CONTENT POST-CONSUMER

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Web, Bubble , Forest and Jungle
Acoustic Performance

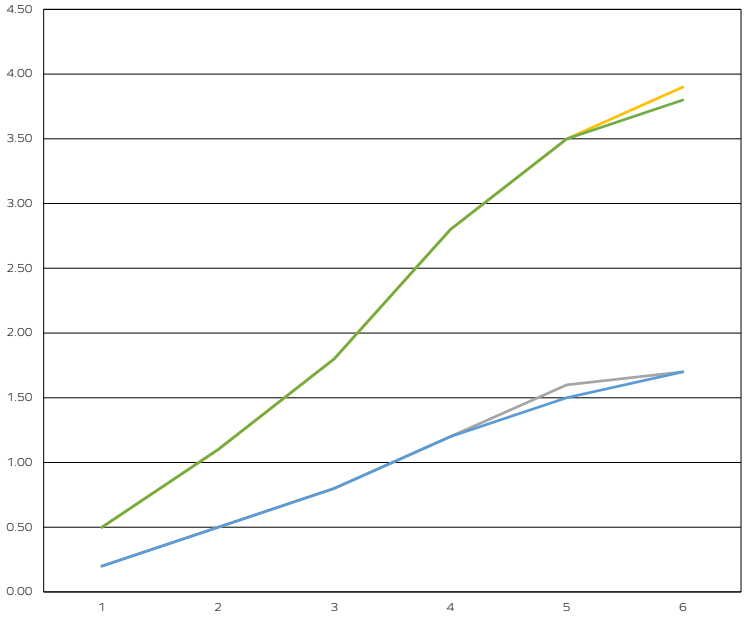
University of Stuttgart
Germany

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 Test Results ISO

Frequency (Hz)		125	250	500	1000	2000	4000	αw
24mm ROUND BUBBLES D1200mm	m^2	0.2	0.5	0.8	1.2	1.6	1.7	NA
24mm ROUND BUBBLES D1800mm	m^2	0.5	1.1	1.8	2.8	3.5	3.9	NA
24mm ROUND WEB D1200mm	m^2	0.2	0.5	0.8	1.2	1.5	1.7	NA
24mm ROUND WEB D1800mm	m^2	0.5	1.1	1.8	2.8	3.5	3.8	NA
24mm Forest D1200	m^2	0.2	0.4	0.7	1.1	1.4	1.5	NA
24mm Forest D1800	m^2	0.5	1.0	1.6	2.5	3.1	3.4	NA



The graph represents the sound absorption coefficients (αs) in the third octave band center frequencies. Measurement used Pink Noise as excitation signal in a reverberant room.

Acoustic Test Results ASTM	NRC
24mm ROUND BUBBLES D1200mm	0.60
24mm ROUND BUBBLES D1800mm	0.55
24mm ROUND WEB D1200mm	0.60
24mm ROUND WEB D1800mm	0.60
24mm Forest D1200	0.55
24mm Forest D1800	0.55

- 24mm ROUND BUBBLES D1200mm
- 24mm ROUND BUBBLES D1800mm
- 24mm ROUND WEB D1200mm
- 24mm ROUND WEB D1800mm
- 24mm Forest D1200
- 24mm Forest D1800
- 24mm ROUND JUNGLE D1200mm
- 24mm ROUND JUNGLE D1800mm

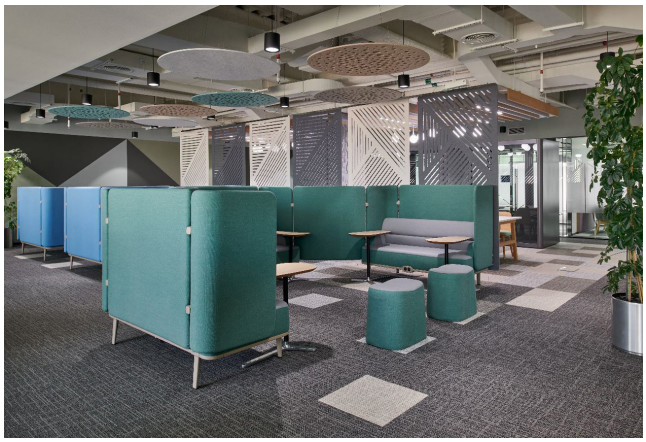
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Reference Projects









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