

WAFFLE PENDANT UPLIT (LX-WPU)

TYPE:

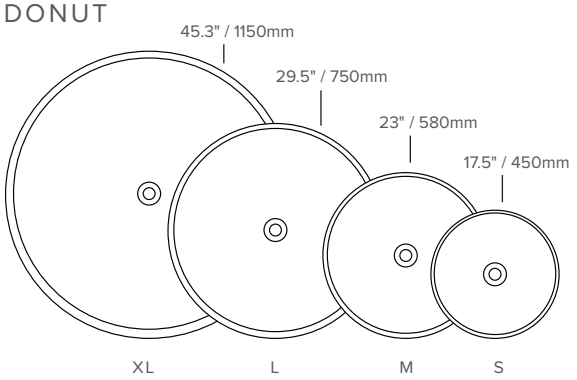
Waffle Discs are a logical way to put sound on the agenda in any open space. Available In various sizes, over 40 colours and two playful designs, the hard-working acoustic panels create a unique shape and colour blend to suit any environment.

KEY BENEFITS

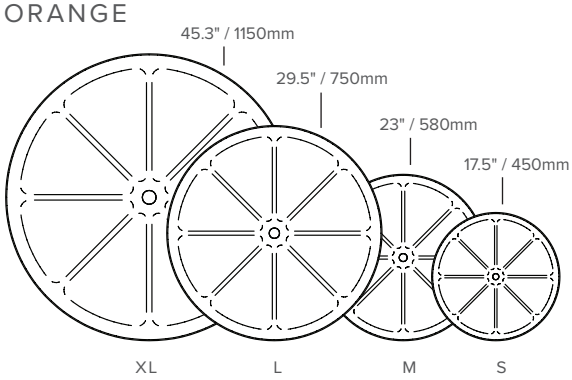
- Highly effective noise absorption
- Available in 4 sizes and a wide range of colors
- High performance dimmable LED light source (Indirect)
- Height adjustable 9' / 3m suspension cables
- 9' / 3m length of black woven power cable per fixture
- Acoustic panels are 100% recyclable and manufactured from 65% recycled material
- IES photometric files available
- Bluetooth controller available upon request
- L70 lifetime rating of 50,000 hours

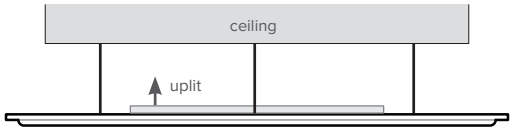
SIZE, OUTPUT AND PATTERN

DONUT



ORANGE





SMALL (S)			MEDIUM (M)			LARGE (L)			EXTRA LARGE (XL)		
Delivered Lumens	Wattage	Efficacy lm/W	Delivered Lumens	Wattage	Efficacy lm/W	Delivered Lumens	Wattage	Efficacy lm/W	Delivered Lumens	Wattage	Efficacy lm/W
1680	19	88	1680	19	88	4500	57	79	4500	57	79

ORDER CODE

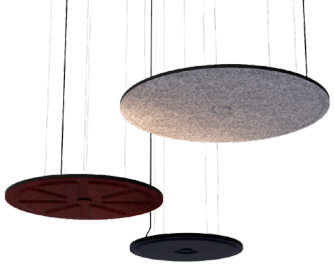
EXAMPLE: LX - WPU - L - 2R - D - I - 35 - UNV - RD

(Luxxbox Waffle Disc, large (dia 29.5 / 750mm), color 2R, donut pattern, indirect light, 3500K color temperature, Universal 110-277VAC / 0-10V dimming, remote driver)

LX - WPU											
PRODUCT CODE	SIZE		COLOR	PATTERN		COLOR TEMP		REGION / DIMMING		DRIVER TYPE	
WPU	**S**	dia 17.5"/450mm	Use color codes as shown	**O**	Orange	**30**	3000K	**UNV**	Universal 110-277VAC / 0 - 10V 10% dimming (North America only)	**RD**	Remote Driver
	M	dia 23"/580mm		**D**	Donut	**35**	3500K			**CD**	Canopy-Concealed Driver
	L	dia 29.5"/750mm				**40**	4000K	**G**	Global 220 - 240V 1% DSI / DALI		
	XL	dia 45.3"/1150mm									

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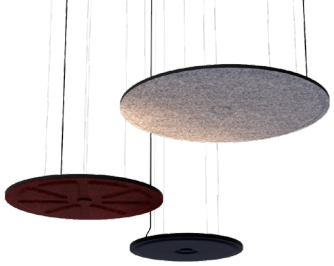
AVAILABLE COLORS

Colors are subject to lead times and variations across batches

2S	2R	3E	2T	21	63	13	18
39	90	3D	2W	82	58	2X	1F
1L	53	1K	1M	1N	2Y	3A	3B
2U	3C	02	2Z	33	1P	26	1Y
09	62	1W	1V	1R	1T	31	47
86	2Q	28	1E	1J	12	30	35
			67	08			

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WAFFLE PENDANT UPLIT (LX-WPU)

TYPE:

PHOTOMETRICS

LIGHT SOURCE SPECIFICATIONS

	SMALL (Ø17.5" / Ø450mm)
	Indirect
Delivered Lumen Output	1680lm
Wattage	19W
Efficacy	88 lumens per watt
CRI	90
CCT	3000, 3500, 4000 K

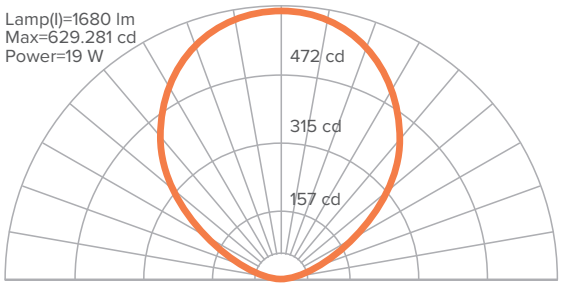
	MEDIUM (Ø23" / Ø580mm)
	Indirect
Delivered Lumen Output	1680lm
Wattage	19W
Efficacy	88 lumens per watt
CRI	90
CCT	3000, 3500, 4000 K

	LARGE (Ø29.5" / Ø750mm)
	Indirect
Delivered Lumen Output	4500lm
Wattage	57W
Efficacy	79 lumens per watt
CRI	90
CCT	3000, 3500, 4000 K

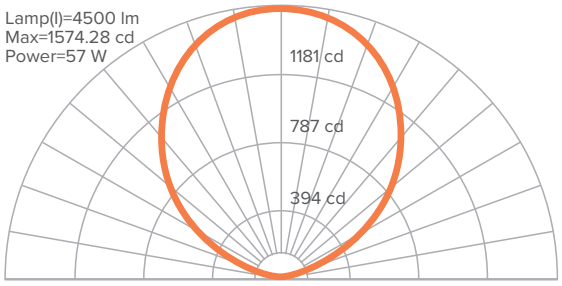
	EXTRA LARGE (Ø45.3" / Ø1150mm)
	Indirect
Delivered Lumen Output	4500lm
Wattage	57W
Efficacy	79 lumens per watt
CRI	90
CCT	3000, 3500, 4000 K

LUMINOUS INTENSITY DISTRIBUTION (INDIRECT)

SMALL / MEDIUM



LARGE / EXTRA LARGE



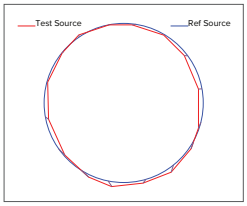
TM-30METRICS

Fidelity Index (Rf): Average similarity to the reference source for all colors
Gamut Index (Rg): Average change in chroma for all colors

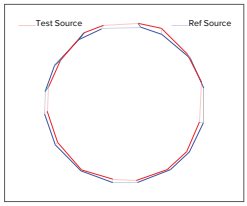
	SMALL / MEDIUM	LARGE / EXTRA LARGE
Rf (Fidelity Index)	90	90.7
Rg (Gamut Index)	100	98.8

COLOR VECTOR GRAPHIC

SMALL / MEDIUM

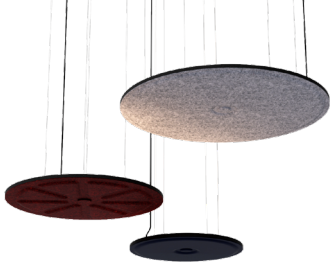


LARGE / EXTRA LARGE



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WAFFLE PENDANT UPLIT (LX-WPU)

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MATERIAL SPECIFICATIONS

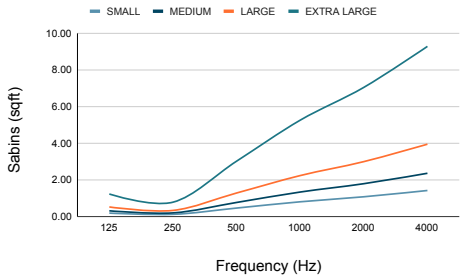
	COLOR CODES: BL, BY, BB, C, EG, FG, LG, MG, P, SB, T
COLOR FASTNESS TO LIGHT:	ISO 105-B02-1994 Rating: 6-7
FIRE TEST:	AS 1530.3 ISO 9705: Group 1 GB8624 B1 BS EN 13501.1: Classification B-s1, d0
ENVIRONMENTAL:	PET achieves GreenTag Certification GreenRate: Level A
THERMAL TRANSITION:	ASTM C518-2010. R- Value = 0.30 m^2K/W
SOUND ABSORPTION:	AS ISO 354 – 2006 Noise reduction coefficient (NRC) = 0.7
VOC EMISSIONS:	ASTM D5116 Rate: < 0.02 $mg/m^2/hr$ (7 days)

PRODUCT ACOUSTIC PROPERTIES

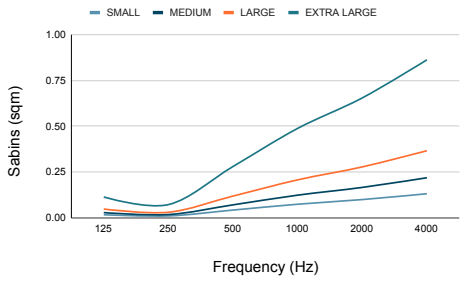
Testing and post analysis procedures were carried out in accordance with the references detailed below:

AS ISO 354-2006 (R2016)	Acoustics—Measurement of sound absorption in a reverberation room
AS ISO 11654—2002	Rating of sound absorption—Materials and systems
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 20189	Screens, furniture and single objects intended for interior use – Rating of sound absorption and sound reduction of elements based on laboratory measurements.

IMPERIAL SABINS Frequency (Hz)	SMALL (Ø17.5"/Ø450mm)	MEDIUM (Ø23" / Ø580mm)	LARGE (Ø29.5"/Ø750mm)	EXTRA LARGE (Ø45.3"/Ø1150mm)
125	0.19	0.31	0.52	1.23
250	0.12	0.20	0.33	0.78
500	0.46	0.77	1.28	3.02
1000	0.80	1.34	2.23	5.25
2000	1.08	1.79	2.99	7.04
4000	1.42	2.36	3.94	9.28



METRIC SABINS Frequency (Hz)	SMALL (Ø17.5"/Ø450mm)	MEDIUM (Ø23" / Ø580mm)	LARGE (Ø29.5"/Ø750mm)	EXTRA LARGE (Ø45.3"/Ø1150mm)
125	0.02	0.03	0.05	0.11
250	0.01	0.02	0.03	0.07
500	0.04	0.07	0.12	0.28
1000	0.07	0.12	0.21	0.49
2000	0.10	0.17	0.28	0.65
4000	0.13	0.22	0.37	0.86

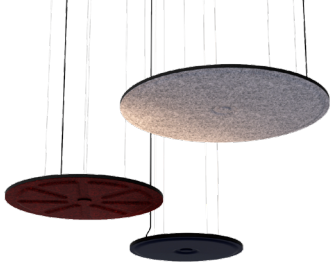


The Sabin data shown above is in accordance with the latest International Standards for the rating of sound absorption and reduction. This is different from the classic methodology, which includes the calculation of the Noise Reduction Coeficient (NRC), the Sound Absorption Average (SAA), the Weighted Sound Absoption Coefficient (**αw**) and the Sound Absorption Class (SAC). However, to make it easier to compare against other products, we are including that information on the table on the right, which was calculated using the Largest Single Face method. Fully detailed test reports are available upon request.

NRC	0.75
SAA	0.76
αw	0.65 (H))
SAC	C

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DRIVER INFORMATION

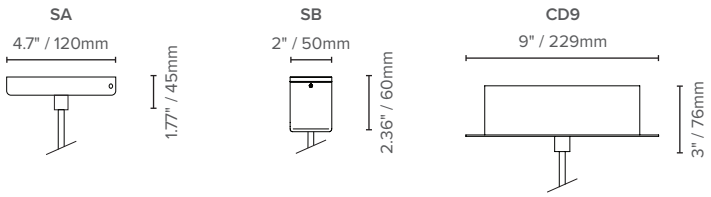
1% DIMMING (DALi) (220-240V))				
Size	Output	Max Output Wattage	Max Output Voltage	Compliance
SMALL (Ø17.5" / Ø450mm)	Indirect	25W	20-46VDC	
MEDIUM (Ø23" / Ø580mm)	Indirect	25W	20-46VDC	
LARGE (Ø29.5" / Ø750mm)	Indirect	60W	20-40VDC	
EXTRA LARGE (Ø45.3" / Ø1150mm)	Indirect	60W	20-40VDC	

0.1% DIMMING (120-277V) (OPTIONAL)				
Size	Output	Max Output Wattage	Max Output Voltage	Compliance
SMALL (Ø17.5" / Ø450mm)	Indirect	30W	15-42VDC	
MEDIUM (Ø23" / Ø580mm)	Indirect	30W	15-42VDC	
LARGE (Ø29.5" / Ø750mm)	Indirect	75W	2-55VDC	
EXTRA LARGE (Ø45.3" / Ø1150mm)	Indirect	75W	2-55VDC	

CANOPY INFORMATION

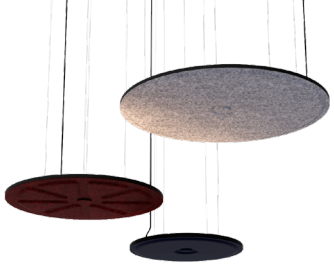
Please note power cord and canopy will always be supplied in black unless specified otherwise.

	UNV (NORTH AMERICA		G (GLOBAL)	
SIZE	RD	CD	RD	CD
WPU- S/M	SA	CD9	SB	CD9
WPU- L/XL	SA	CD9	SB	CD9



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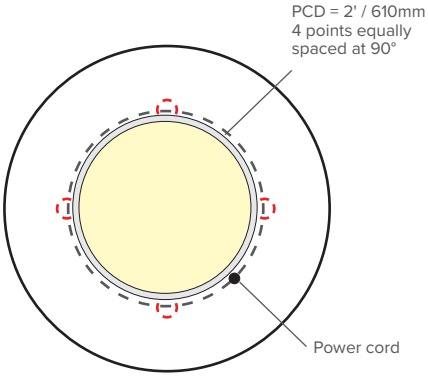


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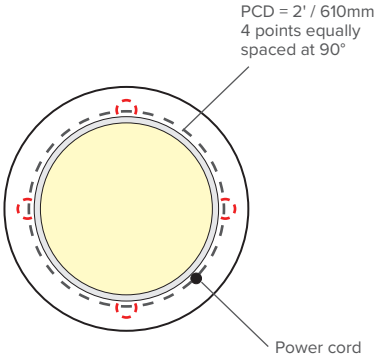
SUSPENSION POINTS

(All suspensed Discs supplied with 9' / 3m of height adjustable suspension cables)



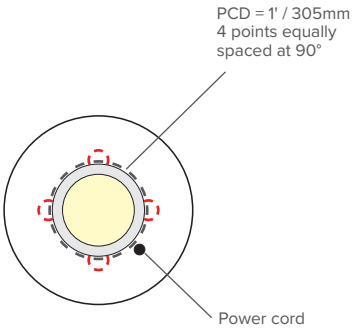
SIZE XL

45.3" / 1150mm



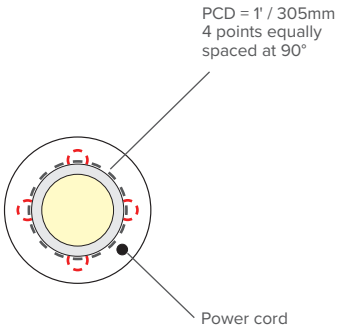
SIZE L

29.5" / 750mm



SIZE M

23" / 580mm



SIZE S

17.5" / 450mm

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