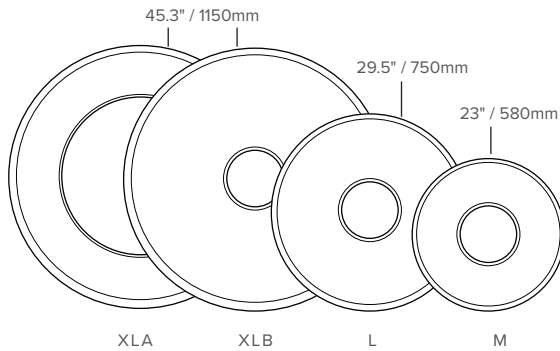


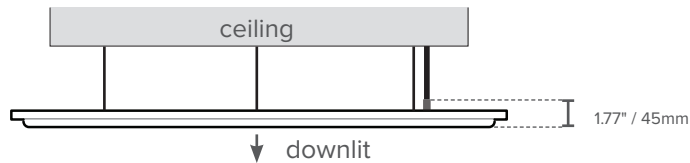
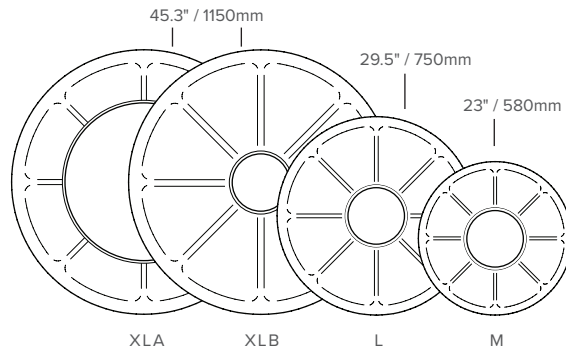


SIZE, OUTPUT AND PATTERN

DONUT - DOWNLIT



ORANGE - DOWNLIT



MEDIUM (M)			LARGE (L)			EXTRA LARGE A (XLA)			EXTRA LARGE B (XLB)		
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	1680	19	88

ORDER CODE

EXAMPLE: LX - WPD - L - 2R - D - 35 - UNV - RD

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

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

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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 3 sizes and a wide range of colors
- High performance dimmable LED light source (Direct)
- 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



WAFFLE PENDANT DOWNLIT (LX-WPD)

TYPE:

AVAILABLE COLORS

Colors are subject to lead times and variations across batches



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WAFFLE PENDANT DOWNLIT (LX-WPD)

TYPE:

PHOTOMETRICS

LIGHT SOURCE SPECIFICATIONS

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

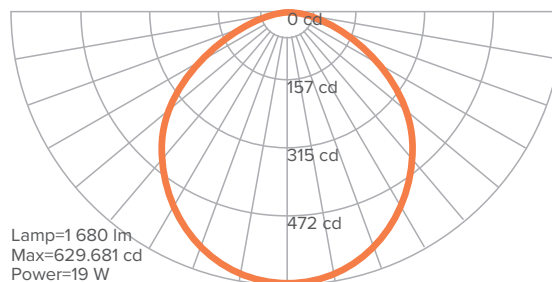
	LARGE (Ø29.5" / Ø750mm)
	Direct
Delivered Lumen Output	1680lm
Wattage	19W
Efficacy	88 lumens per watt
CRI	90
CCT	3000, 3500, 4000 K

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

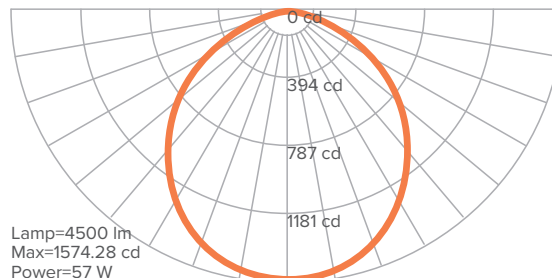
	EXTRA LARGE B (Ø45.3" / Ø1150mm)
	Direct
Delivered Lumen Output	1680lm
Wattage	19W
Efficacy	88 lumens per watt
CRI	90
CCT	3000, 3500, 4000 K

LUMINOUS INTENSITY DISTRIBUTION (DIRECT)

MEDIUM / LARGE / EXTRA LARGE B



EXTRA LARGE A



TM-30METRICS

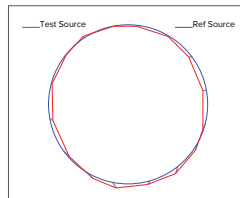
Fidelity Index (Rf): Average similarity to the reference source for all colors

Gamut Index (Rg): Average change in chroma for all colors

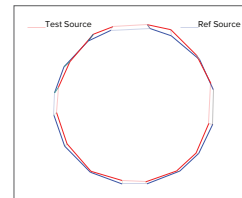
	MEDIUM/LARGE/EXTRA LARGE B	EXTRA LARGE A
Rf (Fidelity Index)	90	90.7
Rg (Gamut Index)	100	98.8

COLOR VECTOR GRAPHIC

MEDIUM / LARGE / EXTRA LARGE B



EXTRA LARGE A



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MATERIAL SPECIFICATIONS

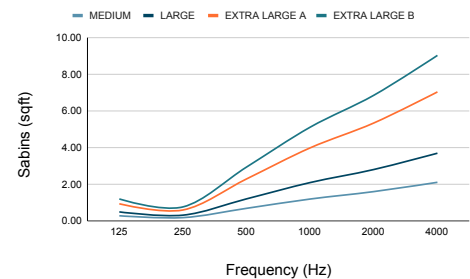
	COLOR CODES: BL, BY, BB, C, EG, FG, LG, MG, P, SB, T
COLOR FASTNESS TO LIGHT:	ISO 105-B02-1994 Rating: 6-7
FIRE TEST:	AS 1530.3 ISO 9705: Group 1 GB8624 B1 BS EN 13501: Classification B-s1, d0
ENVIRONMENTAL:	PET achieves GreenTag Certification GreenRate: Level A
THERMAL TRANSITION:	ASTM C518-2010. R- Value = 0.30 m ² K/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

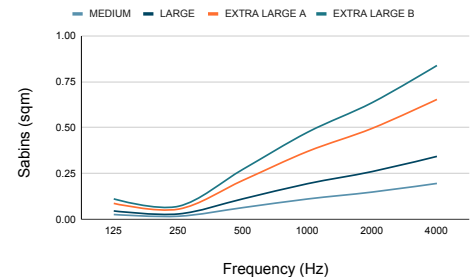
Testing and post analysis procedures were carried out in accordance with the references detailed below:

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	MEDIUM (Ø23" / Ø580mm)	LARGE (Ø29.5" / Ø750mm)	EXTRA LARGE A (Ø45.3" / Ø1150mm)	EXTRA LARGE B (Ø45.3" / Ø1150mm)
Frequency (Hz)				
125	0.28	0.49	0.93	1.20
250	0.18	0.31	0.59	0.76
500	0.68	1.20	2.29	2.93
1000	1.19	2.09	3.98	5.11
2000	1.60	2.80	5.34	6.85
4000	2.10	3.69	7.03	9.02



METRIC SABINS	MEDIUM (Ø23" / Ø580mm)	LARGE (Ø29.5" / Ø750mm)	EXTRA LARGE A (Ø45.3" / Ø1150mm)	EXTRA LARGE B (Ø45.3" / Ø1150mm)
Frequency (Hz)				
125	0.03	0.05	0.09	0.11
250	0.02	0.03	0.06	0.07
500	0.06	0.11	0.21	0.27
1000	0.11	0.19	0.37	0.47
2000	0.15	0.26	0.50	0.64
4000	0.20	0.34	0.65	0.84



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 Coefficient (NRC), the Sound Absorption Average (SAA), the Weighted Sound Absorption Coefficient (**aw**) 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.

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NRC	0.75
SAA	0.76
aw	0.65 (H))
SAC	C



WAFFLE PENDANT DOWNLIT (LX-WPD)

TYPE:

DRIVER INFORMATION

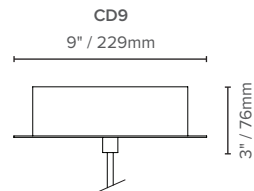
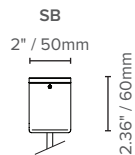
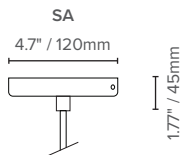
1% DIMMING (DALI) (220-240V)				
Size	Output	Max Output Wattage	Max Output Voltage	Compliance
MEDIUM (Ø23" / Ø580mm)	Direct	25W	20-46VDC	
LARGE (Ø29.5" / Ø750mm)	Direct	25W	20-46VDC	
EXTRA LARGE (Ø45.3" / Ø1150mm)	Direct	60W	20-40VDC	
EXTRA LARGE (Ø45.3" / Ø1150mm)	Direct	25W	20-46VDC	

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

CANOPY INFORMATION

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

SIZE	UNV (NORTH AMERICA)		G (GLOBAL)	
	RD	CD	RD	CD
WPD M/L/XLB	SA	CD9	SB	CD9
WPD- XLA	SA	CD9	SB	CD9



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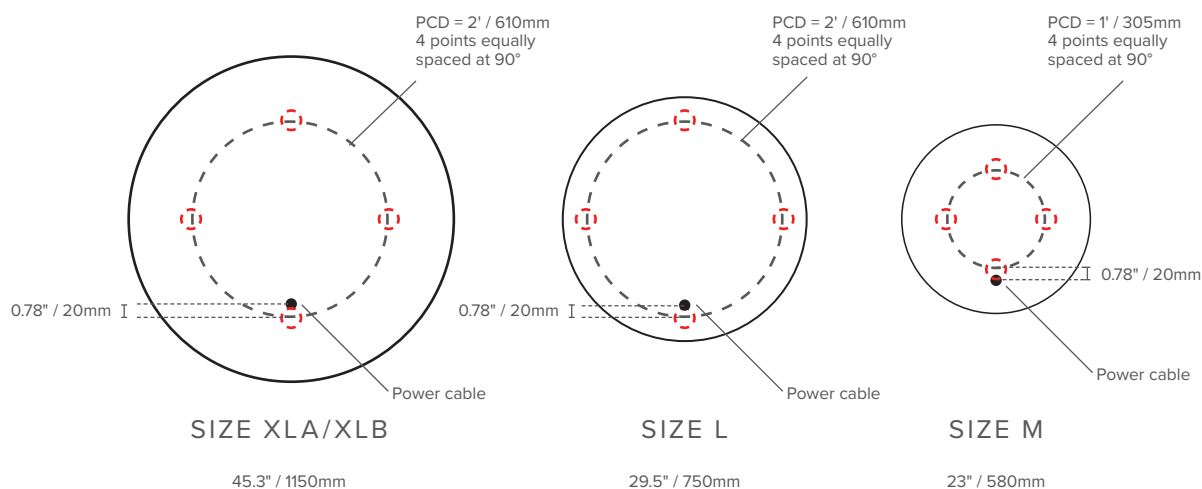


WAFFLE PENDANT DOWNLIT (LX-WPD)

TYPE:

SUSPENSION POINTS

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



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