

LUXX
box



Declare. MOTIF

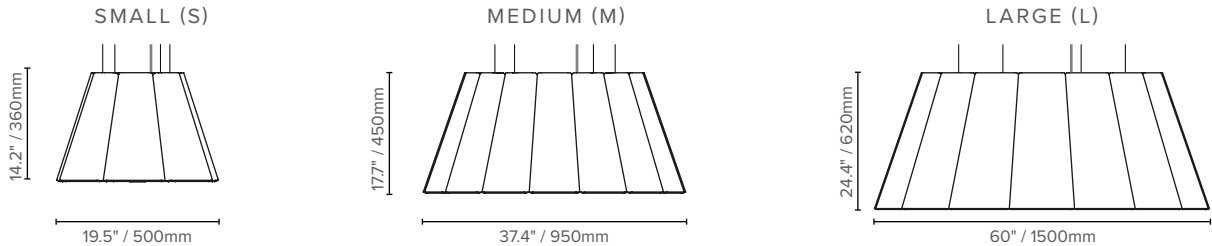
VAPOR ECHO (LX-VE)

TYPE:

KEY BENEFITS

- Highly effective noise absorption
- Available in 3 sizes and a wide range of colors
- High performance dimmable LED light source (Direct)
- UGR<19
- Optional upwards dimmable LED wash lighting available (Indirect)
- Height adjustable 9' / 3m suspension cables and Black woven power cable
- 01% dimming option available
- POE available on request
- IES photometric files available
- Bluetooth controller available upon request (only for US and EU)
- Can be mounted flush to ceiling
- L70 lifetime rating of 50,000 hours
- White canopy and power cord available upon request
- Flatpack version available for Large size
- Tunable White output available upon inquiry
- Available in the printed MOTIF collection

SIZE, OUTPUT AND WEIGHT



	SMALL			MEDIUM			LARGE		
Output	Delivered Lumens	Wattage	Efficacy lm/W	Delivered Lumens	Wattage	Efficacy lm/W	Delivered Lumens	Wattage	Efficacy lm/W
Direct OR Indirect	1680	19	88	4500	57	79	4500	57	79
Direct AND Indirect	-	-	-	9000	114	79	9000	114	79
Weight	17.6 lbs / 8 Kg			30.8 lbs / 14 Kg			66.1 lbs / 30 Kg		

ORDER CODE

EXAMPLE: LX - VE - L - R - 40 - DI - UNV - RD

(Luxxbox Vapor Echo, Large (dia 60" x 24.4" / 1500 x 620mm), Red, 4000K, direct/indirect output, Universal 120-277V / 0-10V 10% dimming, Remote driver)

LX - VE											
PRODUCT CODE	SIZE		SHADE COLOR	COLOR TEMP		OUTPUT		DRIVER / DIMMING		DRIVER TYPE	
VE	S	Small Ø19.5" x 14.2" / Ø500 x 360mm	Use color codes as shown	30	3000K	D	Direct	UNV	0 - 10V - 10% dimming (120-277V) (North America only)	RD	Remote driver
	M	Medium Ø37.4" x 17.7" / Ø950 x 450mm		35	3500K	I	Indirect			CD	Canopy concealed driver
	L	Large Ø60" x 24.4" / Ø1500 x 620mm		40	4000K	DI**	Direct-Indirect	G	1% dimming DSI/DALI (220 - 240V)	OB	On-board driver***
				*E26 E26 Lamp holder - 120V AC (North America only)						* Please note the light bulb or driver will not be supplied with the E26/E27 option for this fixture.	
				*E27 E27 Lamp holder - 220-240V AC (Global)							

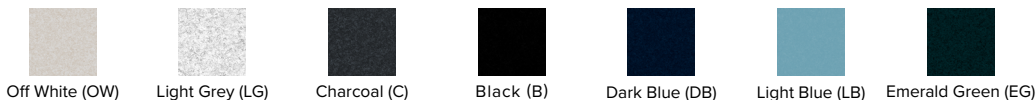
**Direct + Indirect or Indirect output is not currently available for the Small size

***On-Board driver type is not currently available for the Small size

AVAILABLE COLORS

Colors are subject to lead times and variations across batches. Also available in the printed MOTIF collection viewable [here](#).

CORE



DESIGNER



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GOING
ZERO





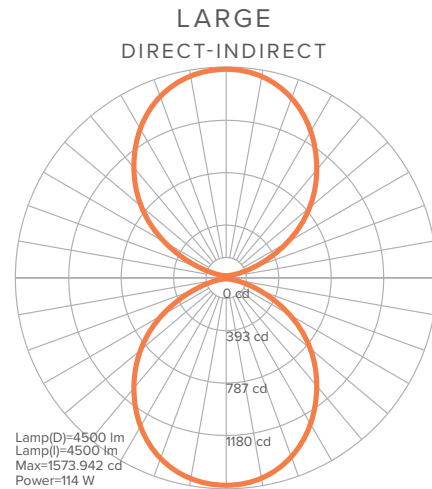
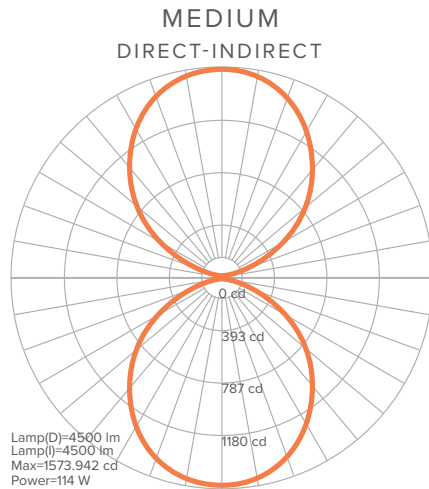
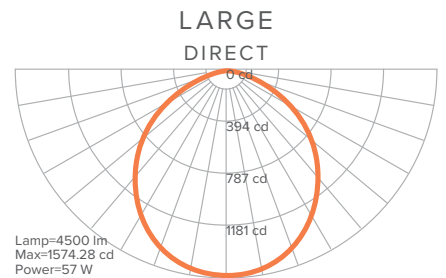
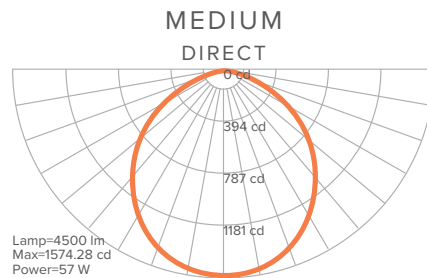
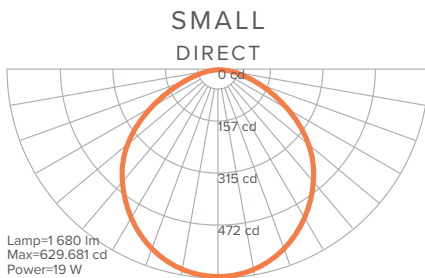
VAPOR ECHO (LX-VE)

TYPE:

PHOTOMETRICS

	SMALL	MEDIUM		LARGE	
Option	Direct OR Indirect	Direct OR Indirect	Direct AND Indirect	Direct OR Indirect	Direct AND Indirect
Total Lumens Delivered	1680 lm	4500 lm	9000 lm	4500 lm	9000 lm
Wattage	19 W	57W	114 W	57 W	114 W
Efficacy	88.4 lumens per watt	79 lumens per watt		79 lumens per watt	
CRI	90				
CCT	3000-3500-4000 K				
UGR	<19				

LUMINOUS INTENSITY DISTRIBUTION



TM-30METRICS

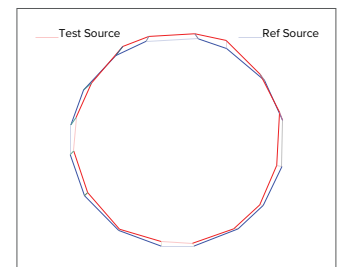
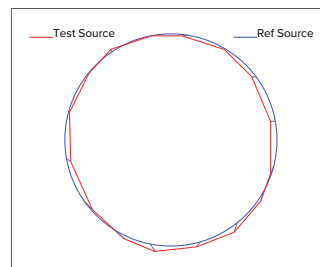
Fidelity Index (Rf): Average similarity to the reference source for all colors
Gamut Index (Rg): Average change in chroma for all colors

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

COLOR VECTOR GRAPHIC

SMALL

MEDIUM/LARGE



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VAPOR ECHO (LX-VE)

TYPE:

DRIVER INFORMATION

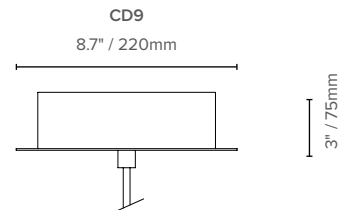
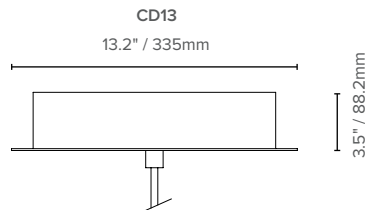
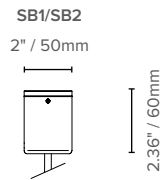
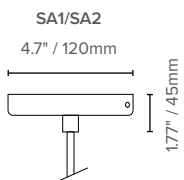
UNIVERSAL 110-277 VAC / 0-10V 10% DIMMING (North America only)				
Size	Output	Wattage	Voltage	Compliance
SMALL	D	19	10-55VDC	
MEDIUM	D	57		
	DI	114		
LARGE	D	57		
	DI	114		

GLOBAL 220-240V 1% DIMMING DSI DALI				
Size	Output	Wattage	Voltage	Compliance
SMALL	D	19	6-52VDC	
MEDIUM	D	57		
	DI	114		
LARGE	D	57		
	DI	114		

CANOPY INFORMATION

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

			UNIVERSAL (NORTH AMERICA)				GLOBAL			
PRODUCT	SIZE	OUTPUT	RD	OB	CD	E26	RD	OB	CD	E27
LX-VE	SMALL	D	SA1	SA2	CD9	SA1	SB1	SB2	CD9	SB1
	MEDIUM	D	SA1	SA2	CD9	SA1	SB1	SB2	CD9	SB1
		DI	SA1	SA2	CD13	SA1	SB1	SB2	CD13	SB1
	LARGE	D	SA1	SA2	CD9	SA1	SB1	SB2	CD9	SB1
		DI	SA1	SA2	CD13	SA1	SB1	SB2	CD13	SB1



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TYPE:

MATERIAL SPECIFICATIONS

COLOR FASTNESS TO LIGHT:	ISO 105-B02-1994 Rating: 6-7
FIRE TEST:	AS 1530.3 / ISO 9705: Group 1 / GB8624 B1 / ASTM E-84-14 (Class A, FSI:20 - SDI:450) / BS EN13501-1:2007+A1:2009 (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) = 0.85
VOC EMISSIONS:	ASTM D5116 Rate: < 0.01 mg/m ² /hr (7 days)

Please note some of these certificates will apply to specific colors.

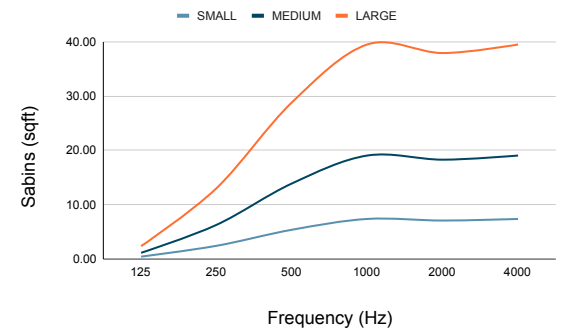
PRODUCT ACOUSTIC PROPERTIES

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.

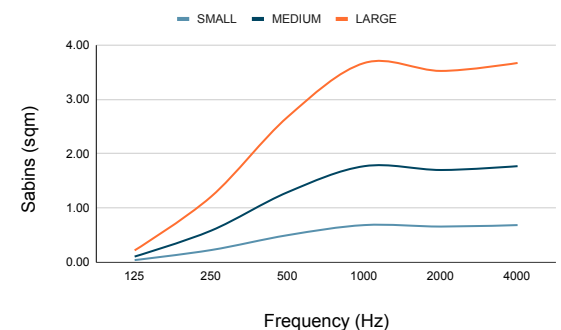
IMPERIAL SABINS

Frequency (Hz)	SMALL	MEDIUM	LARGE
125	0.44	1.14	2.37
250	2.43	6.29	13.03
500	5.39	13.90	28.82
1000	7.38	19.05	39.49
2000	7.08	18.28	37.91
4000	7.38	19.05	39.49



METRIC SABINS

Frequency (Hz)	SMALL	MEDIUM	LARGE
125	0.04	0.11	0.22
250	0.23	0.58	1.21
500	0.50	1.29	2.68
1000	0.69	1.77	3.67
2000	0.66	1.70	3.52
4000	0.69	1.77	3.67



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 Horizontal Floor Area method. Fully detailed test reports are available upon request.

NRC	0.75
SAA	0.75
aw	0.6 (MH)

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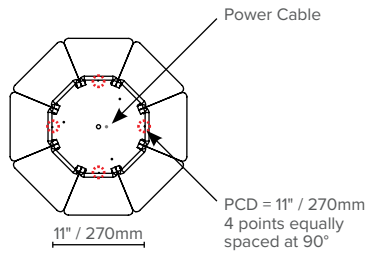
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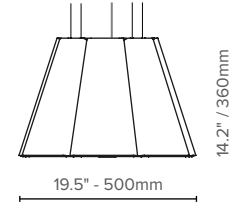
PRODUCT DIMENSIONS

TOP VIEWS

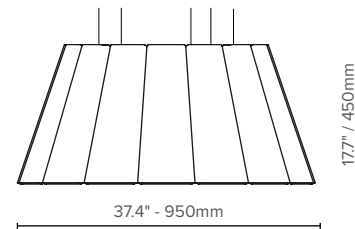
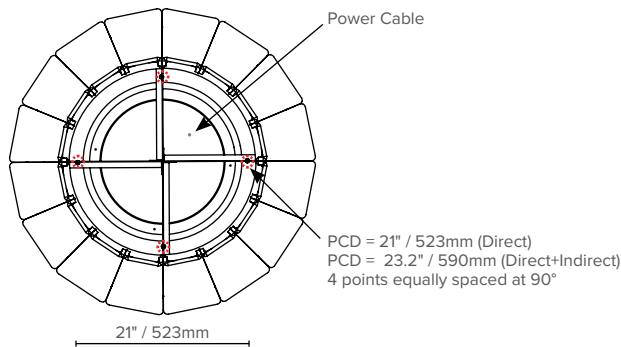
SMALL



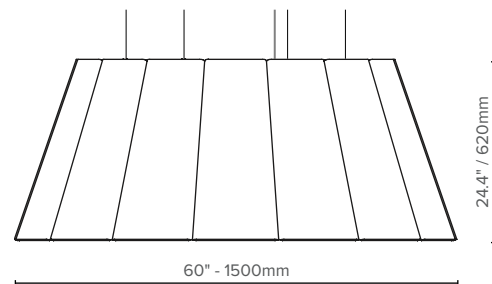
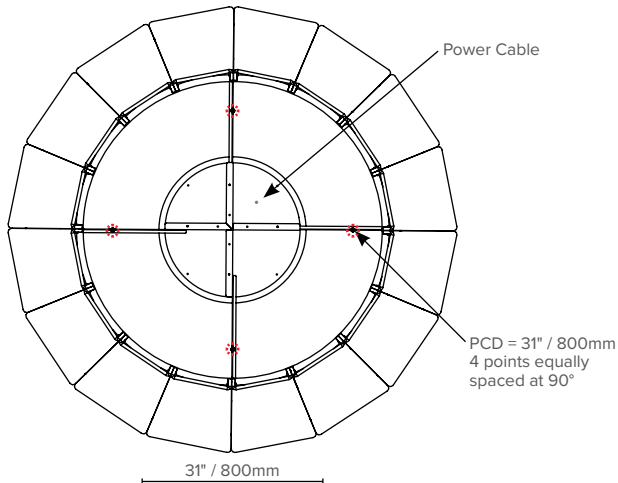
SIDE VIEWS



MEDIUM



LARGE



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