



VAPOR ECHO (LX-VE)

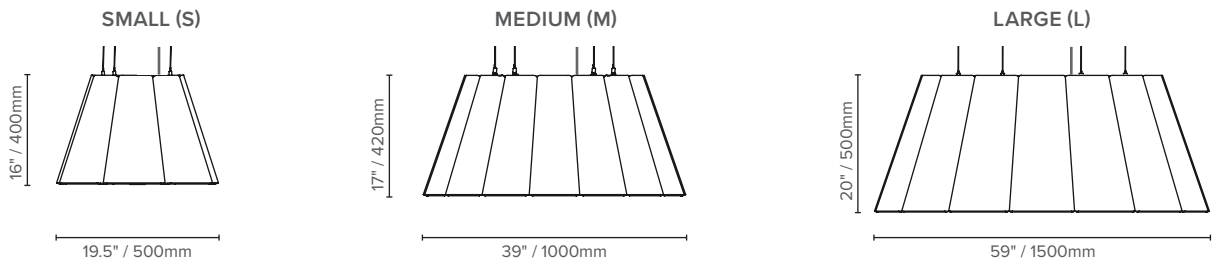
TYPE:

The reimagined Vapor Echo takes its design cues from Luxxbox's classic Vapor pendant light. The pendant is designed for interior collaborative spaces, adding a decorative element that doubles as a highly effective means of sound management with 0.5" / 12mm acoustic panels. Vapor Echo is available in a wide range of colors and 3 sizes.

KEY BENEFITS

- Highly effective noise absorption
- Available in 3 sizes and a wide range of colors
- High performance dimmable LED light source (Direct)
- Optional upwards dimmable LED wash lighting available (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
- Casambi bluetooth available
- POE available on request
- IES photometric files available

SIZE 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	1680	24	70	3720	60	62	3720	60	62
Direct + Indirect	2 x 1680	2 x 24	70	2 x 3720	2 x 60	62	2 x 3720	2 x 60	62
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 - Y

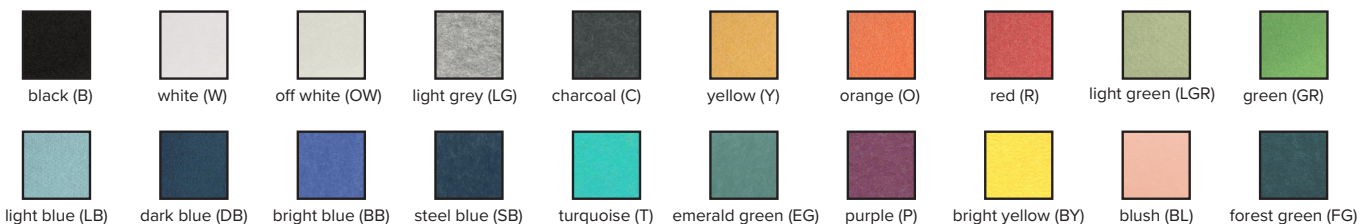
(Luxxbox Vapor Echo, Large (dia 59" / 1500mm), Red, 4000K, direct/indirect output, Universal 110-277V / 0-10V dimming, Remote driver, Casambi bluetooth)

LX - VE	SIZE		SHADE COLOR	COLOR TEMP		OUTPUT		REGION / DIMMING		DRIVER TYPE		CASAMBI*	
VE	S	dia 19.5" / 500mm x 16" / 400mm H	Use color codes as shown	30	3000K	D	Direct	UNV	Universal 110-277VAC / 0 - 10V dimming (North America only) Global 220 - 240V DSI / DALI	RD	Remote driver	Y	Yes
	M	dia 39" / 1000mm x 17" / 420mm H		35	3500K	DI	Direct + Indirect			CD	Canopy concealed driver		
	L	dia 59" / 1500mm x 20" / 500mm H		40	4000K	I	Indirect			OB	On-board driver		

* Leave blank if Casambi not required

AVAILABLE COLORS

Colors are subject to lead times and variations across batches



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PHOTOMETRICS

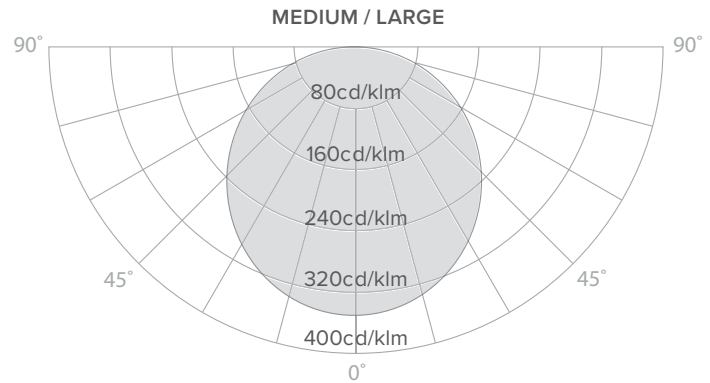
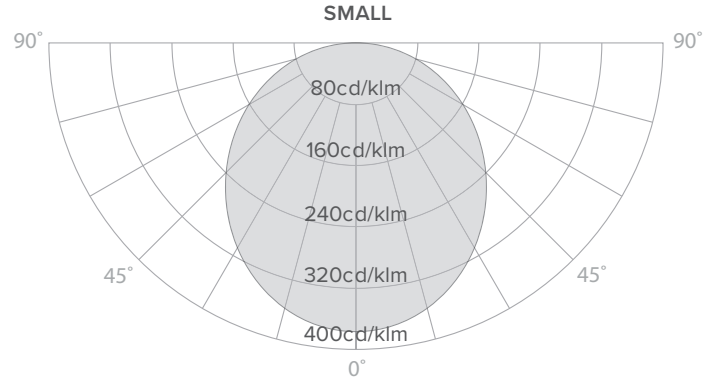
LIGHT SOURCE SPECIFICATIONS WITH DIRECT LIGHTING

SMALL (19.5" / 500mm)	
Delivered Lumen Output	1680lm
Wattage	24W
Efficacy	70 lumens per watt
CRI	90
CCT	3000, 3500, 4000 K

MEDIUM (39" / 1000mm)	
Delivered Lumen Output	3720lm
Wattage	60W
Efficacy	62 lumens per watt
CRI	90
CCT	3000, 3500, 4000 K

LARGE (59" / 1500mm)	
Delivered Lumen Output	3720lm
Wattage	60W
Efficacy	62 lumens per watt
CRI	90
CCT	3000, 3500, 4000 K

LUMINOUS INTENSITY DISTRIBUTION



*Luminous intensity applies for each LED panel (Direct / Indirect).

DRIVER INFORMATION

Size	Driver Code	Input Voltage	Watts	Dimming Compatibility	Output	Remote Mounting Distance	Compliance
Small	Meanwell HLG-40H-36AB	110-277 VAC	40W	0-10VDC DALI version available	22-36VDC	8M / 26.2' Maximum from Source	SELV Class 2   
Medium / Large	Meanwell ELG-100-42AB-3Y	110-277 VAC	100W	0-10VDC DALI version available	21-42VDC	8M / 26.2' Maximum from Source	SELV Class 2   

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MATERIAL SPECIFICATIONS

	COLOR CODES: BL, BY, BB, C, EG, FG, LG, MG, P, SB, T	COLOR CODES: B, W, OW, DB, LB, G, LG, R, O, Y
COLOR FASTNESS TO LIGHT:	ISO 105-B02-1994 Rating: 6-7	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	AS ISO 9705 - 2003: Group 1 ISO 9705 - 1993: Group 1s ASTM E-84-14 (A, FS:0 - SD:45) BS EN13501-1:2007+A1:2009 (B-s1, d0)
ENVIRONMENTAL:	PET achieves GreenTag Certification GreenRate: Level A	PET achieves GreenTag Certification GreenRate: Level A
THERMAL TRANSITION:	ASTM C518-2010. R- Value = 0.30 m ² K/W	ASTM C518-2010. R- Value = 0.30 m ² K/W
SOUND ABSORPTION:	AS ISO 354 – 2006 Noise reduction coefficient (NRC) = 0.7	AS ISO 354 – 2006 Noise reduction coefficient (NRC) = 0.7
VOC EMISSIONS:	ASTM D5116 Rate: < 0.02 mg/m ² /hr (7 days)	ASTM D5116 Rate: < 0.01 mg/m ² /hr (7 days)

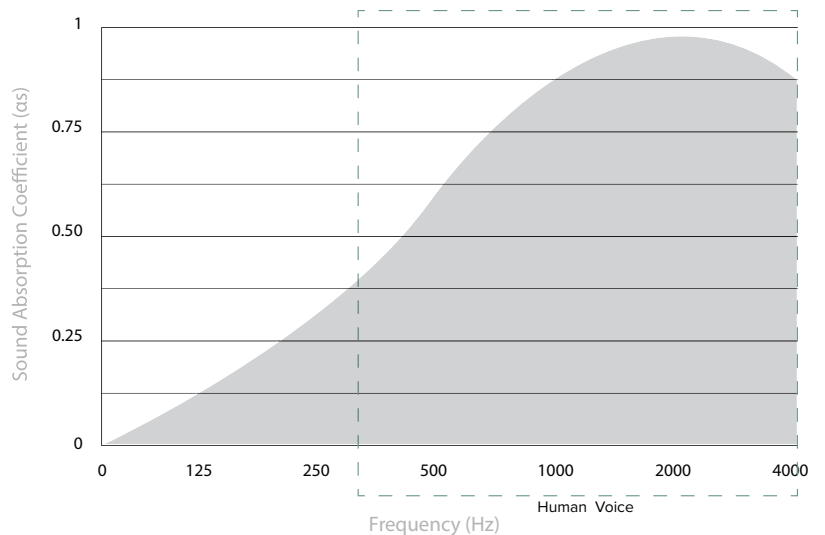
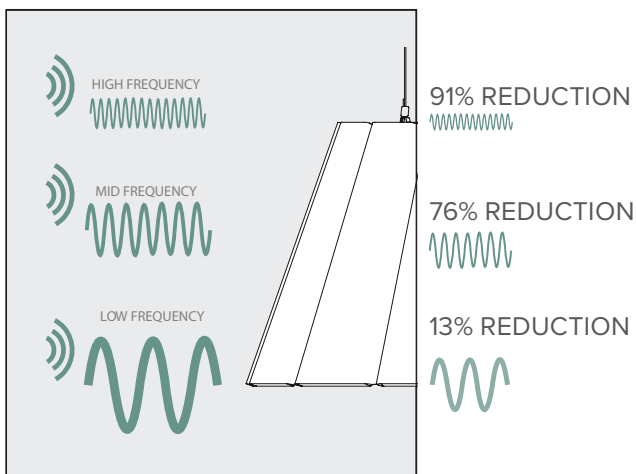
PET ACOUSTIC PROPERTIES

Products are given a Noise Reduction Coefficient (NRC) from 0 to 1 based on their ability to absorb sound, where 1.0 equals 100% sound absorption. The NRC is used to calculate Sabin value of any surface material. The Sabin value equals the NRC multiplied by the total surface area in squared feet or squared metres.

(S) dia 19.5" / 500mm x 16" / 400mm H	(M) dia 39" / 1000mm x 17" / 420mm H	(L) dia 59" / 1500mm x 20" / 500mm H
8.1 Sabins (imperial) 0.74 Sabins (metric)	18.1 Sabins (imperial) 1.68 Sabins (metric)	31.6 Sabins (imperial) 2.94 Sabins (metric)

ACOUSTIC PROPERTIES

Visualization of decibel decay across the Vapor Echo range. Effects of a 0.7 NRC across a range of frequencies.



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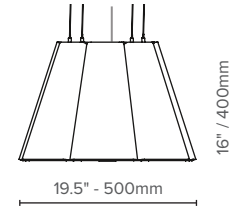
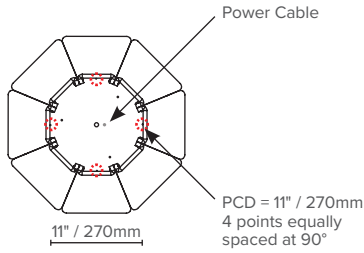


PRODUCT DIMENSIONS

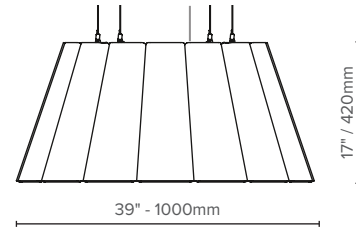
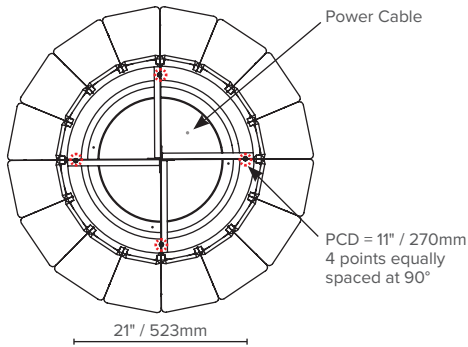
TOP VIEWS

SIDE VIEWS

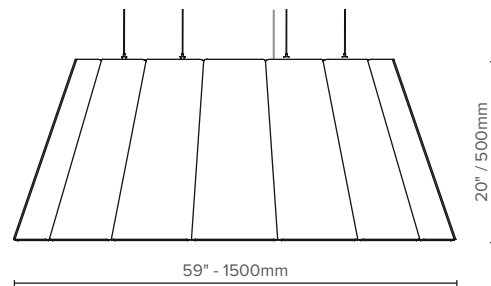
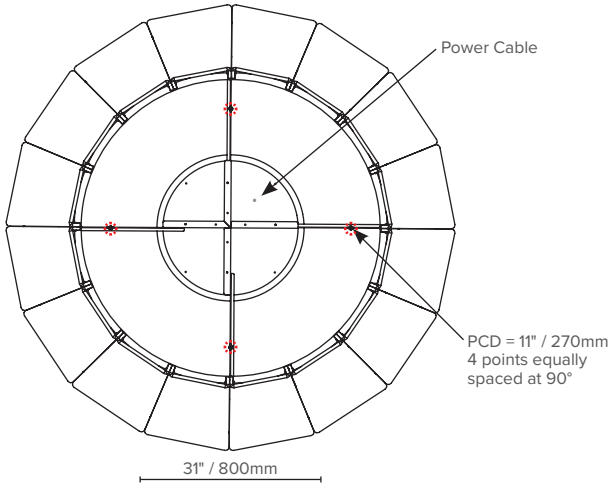
SMALL



MEDIUM



LARGE



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