

# 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.

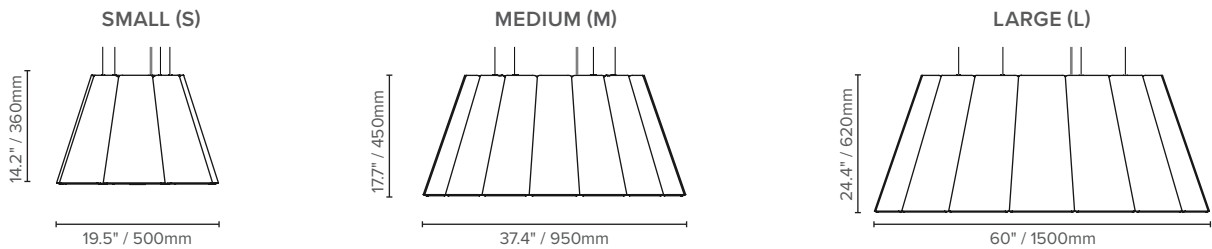
## KEY BENEFITS

- 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
- POE available on request
- IES photometric files available
- Bluetooth controller available upon request
- Can be mounted flush to ceiling
- L70 lifetime rating of 50,000 hours
- Available in the MOTIF collection



**MOTIF**

## 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 OR Indirect	1680	19	88	4500	57	79	4500	57	79
Direct AND Indirect	3360	38	88	9000	114	79	9000	114	79
Weight	17.6 lbs / 8 Kg			30.8 lbs / 14 Kg			66.1 lbs / 30 Kg		

## ORDER CODE

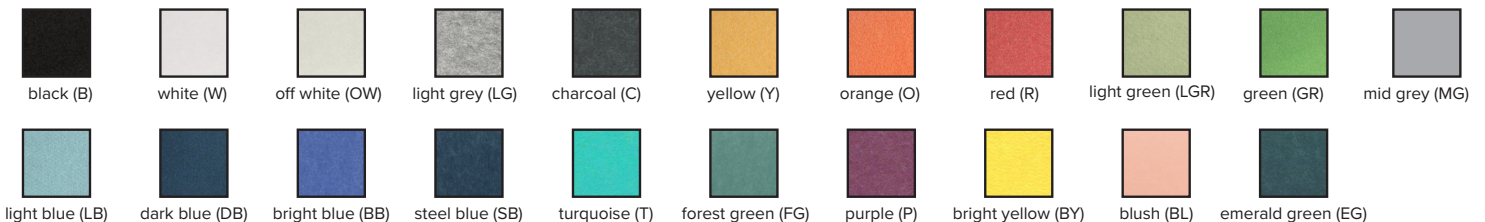
EXAMPLE: LX - VE - L - R - 40 - DI - UNV - RD

(Luxxbox Vapor Echo, Large (dia 60" / 1500mm x 24.4" / 620mm), Red, 4000K, direct/indirect output, Universal 110-277V / 0-10V dimming, Remote driver)

LX - VE	SIZE		SHADE COLOR	COLOR TEMP		OUTPUT		REGION / DIMMING		DRIVER TYPE		
	S	M		30	40	D	I	UNV	G	RD	CD	OB
VE	dia 19.5" / 500mm x 14.2" / 360mm H	dia 37.4" / 950mm x 17.7" / 450mm H	Use color codes as shown	3000K	4000K	Direct	Indirect	Universal 110 - 277V / 0 - 10V	Gobal 220-240V	Remote driver	Canopy concealed driver	On-board driver
	dia 60" / 1500mm x 24.4" / 620mm H					Direct + Indirect		10% dimming (North America only)	1% dimming DSI/DALI			

## 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)	
	Direct OR Indirect	Direct AND Indirect
Delivered Lumen Output	1680lm	3360lm
Wattage	19W	38W
Efficacy	88 lumens per watt	88 lumens per watt
CRI	90	90
CCT	3000, 3500, 4000 K	3000, 3500, 4000 K

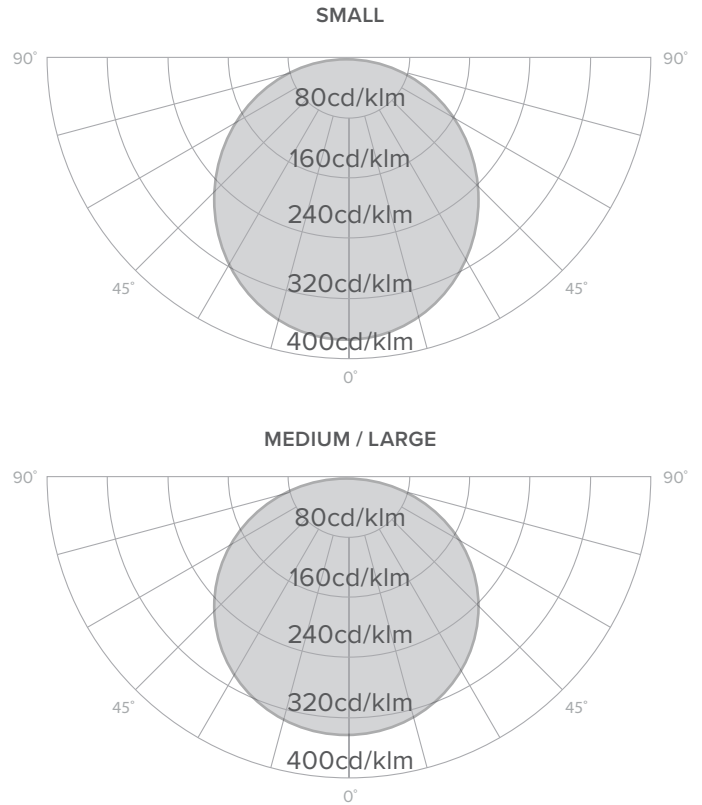
  

	MEDIUM (37.4" / 950mm)	
	Direct OR Indirect	Direct AND Indirect
Delivered Lumen Output	4500lm	9000lm
Wattage	57W	114W
Efficacy	79 lumens per watt	79 lumens per watt
CRI	90	90
CCT	3000, 3500, 4000 K	3000, 3500, 4000 K

	LARGE (60" / 1500mm)	
	Direct OR Indirect	Direct AND Indirect
Delivered Lumen Output	4500lm	9000lm
Wattage	57W	114W
Efficacy	79 lumens per watt	79 lumens per watt
CRI	90	90
CCT	3000, 3500, 4000 K	3000, 3500, 4000 K

## LUMINOUS INTENSITY DISTRIBUTION

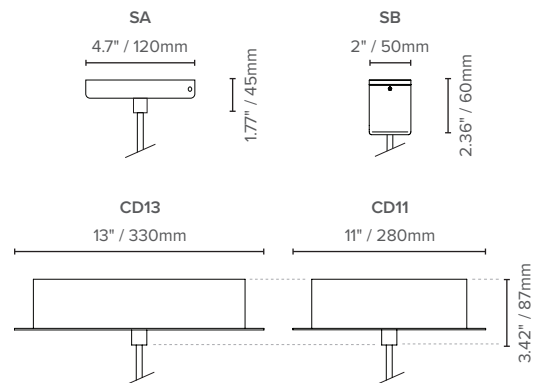


\*Luminous intensity applies for each LED panel (Direct / Indirect).

## CANOPY INFORMATION

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

	DIRECT OR INDIRECT			DIRECT AND INDIRECT			
	SIZE	DRIVER OPTION			RD	CD	OB
NORTH AMERICA	VE-S	SA	CD11	SA	SA	CD11	SA
	VE-M	SA	CD11	SA	SA	CD13	SA
	VE-L	SA	CD11	SA	SA	CD13	SA
GLOBAL	SIZE	DRIVER OPTION			RD	CD	OB
	VE-S	SB	CD11	SB	SB	CD11	SB
	VE-M	SB	CD11	SB	SB	CD13	SB
	VE-L	SB	CD11	SB	SB	CD13	SB



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









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## DRIVER INFORMATION

Meanwell - 10% DIMMING					
Size	Output	Driver Code	Watts	Output	Compliance
SMALL (19.5" / 500mm)	Direct OR Indirect	Meanwell HLG-40H-36AB	40W	36VDC	    
	Direct AND Indirect	Meanwell ELG-75-36AB-3Y	75W	36VDC	
MEDIUM (37.4" / 950mm)	Direct OR Indirect	Meanwell ELG-75-42AB-3Y	75W	42VDC	
	Direct AND Indirect	Meanwell ELG-150-48AB-3Y	150W	48VDC	
LARGE (60" / 1500mm)	Direct OR Indirect	Meanwell ELG-75-42AB-3Y	75W	42VDC	
	Direct AND Indirect	Meanwell ELG-150-48AB-3Y	150W	48VDC	

Tridonic 1% dimming (DALI)					
Size	Output	Driver Code	Watts	Output	Compliance
SMALL (19.5" / 500mm)	Direct OR Indirect	Tridonic LCA 25W 550mA one4all SR PRE	25	20-46VDC	       
	Direct AND Indirect	Tridonic LCA 60W 1500mA one4all SR PRE	60W	20-40VDC	
MEDIUM (37.4" / 950mm)	Direct OR Indirect	Tridonic LCA 60W 1500mA one4all SR PRE	60W	20-40VDC	
	Direct AND Indirect	2 x Tridonic LCA 60W 1500mA one4all SR PRE	120W	20-40VDC	
LARGE (60" / 1500mm)	Direct OR Indirect	Tridonic LCA 60W 1500mA one4all SR PRE	60W	20-40VDC	
	Direct AND Indirect	2 x Tridonic LCA 60W 1500mA one4all SR PRE	120W	20-40VDC	

EldoLED 0.1% dimming					
Size	Output	Driver Code	Watts	Output	Compliance
SMALL (19.5" / 500mm)	Direct OR Indirect	SL30B-M1Z0A1 150MA	30W	15-42VDC	  
	Direct AND Indirect	SL75B-M1A0A1 700MA	75W	2-55VDC	
MEDIUM (37.4" / 950mm)	Direct OR Indirect	SL75B-M1A0A1 700MA	75W	2-55VDC	
	Direct AND Indirect	2 x SL75B-M1A0A1 700MA	150W	2-55VDC	
LARGE (60" / 1500mm)	Direct OR Indirect	SL75B-M1A0A1 700MA	75W	2-55VDC	
	Direct AND Indirect	2 x SL75B-M1A0A1 700MA	150W	2-55VDC	

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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 <sup>2</sup> K/W	ASTM C518-2010. R- Value = 0.30 m <sup>2</sup> 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 <sup>2</sup> /hr (7 days)	ASTM D5116 Rate: < 0.01 mg/m <sup>2</sup> /hr (7 days)

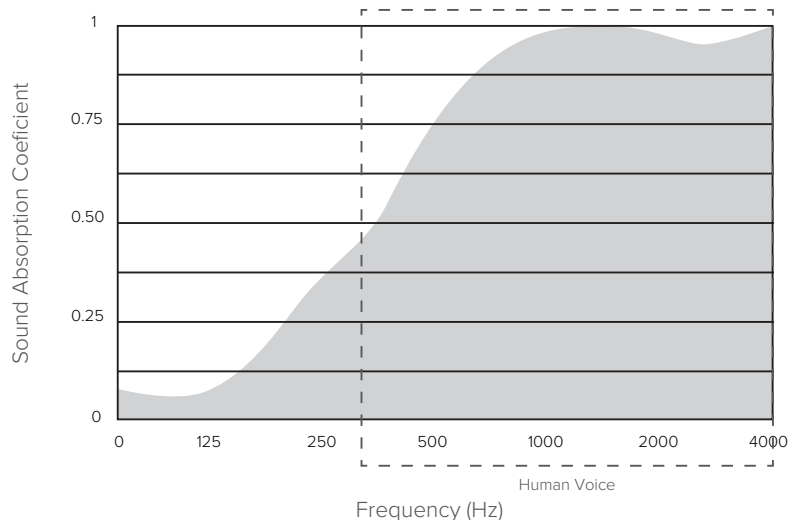
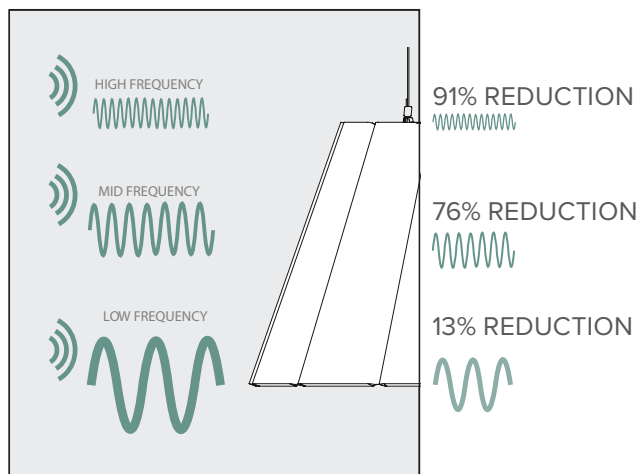
## PET ACOUSTIC PROPERTIES

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 14.2" / 360mm H	(M) dia 37.4" / 950mm x 17.7" / 450mm H	(L) dia 60" / 1500mm x 24.4" / 620mm 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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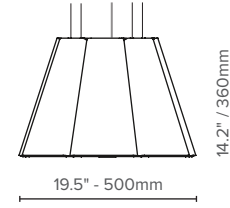
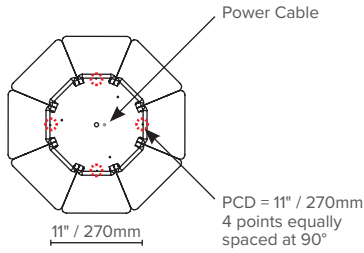
TYPE:

## PRODUCT DIMENSIONS

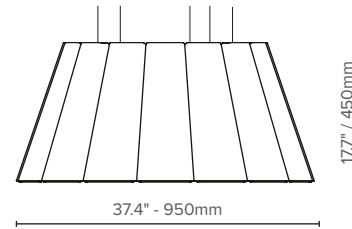
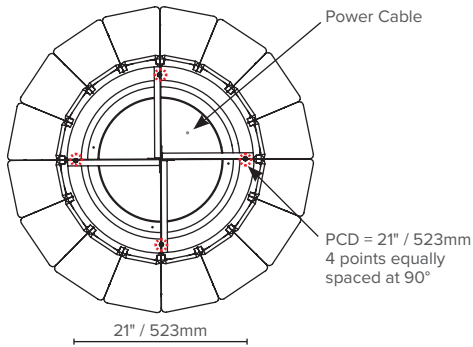
### TOP VIEWS

### SIDE VIEWS

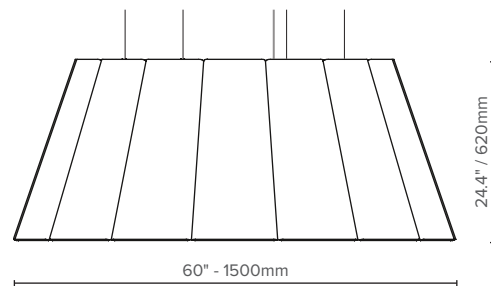
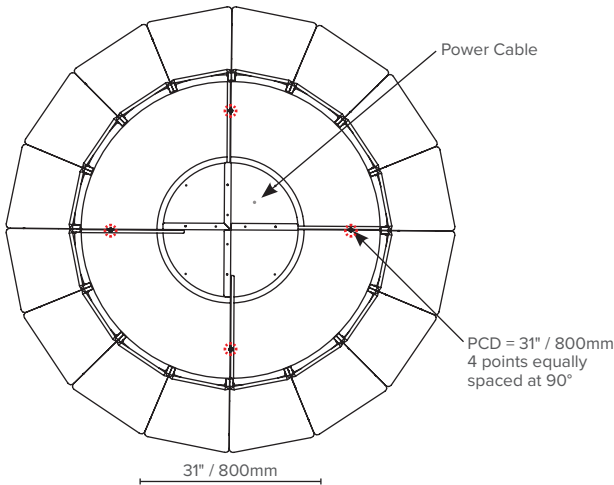
SMALL



MEDIUM



LARGE



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