

KEY FEATURES

- Highly effective noise absorption
- 3 sizes and a wide range of colors
- High performance dimmable LED light source (Direct) and optional upwards wash dimmable LED lighting (Indirect)
- UGR<19
- Height adjustable 9' / 3m suspension cables and Black woven power cable
- IES photometric files available
- L70 lifetime rating of 50,000 hours
- Can be mounted flush to ceiling

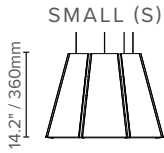
OPTIONAL EXTRAS

Additional options available upon request

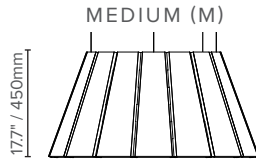
- 0.1% dimming option
- POE
- Bluetooth controller (US & EU only)
- Tunable White output
- White canopy and power cord
- High-output direct-indirect (HO) lighting

Declare.

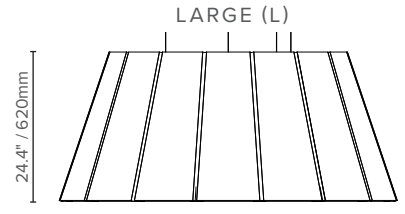
SIZE, OUTPUT AND WEIGHT



20" / 510mm



36.2" / 920mm



58.3" / 1480mm

	SMALL			MEDIUM			LARGE		
Output	Lumens	Wattage	Efficacy	Lumens	Wattage	Efficacy	Lumens	Wattage	Efficacy
Direct or Indirect	1911 lm	23.8 W	80.3 lm/W	5133 lm	48.3 W	106.3 lm/W	5133 lm	48.3 W	106.3 lm/W
Direct + Indirect	-	-	-	5145 lm	48.3 W	106.5 lm/W	5145 lm	48.3 W	106.5 lm/W
High-output Direct + Indirect	-	-	-	7559 lm	71.8 W	105.3 lm/W	7559 lm	71.8 W	105.3 lm/W
Weight	Direct = 18.7 lbs/8.5Kg			Direct = 19 lbs/8.65Kg, Indirect = 22.5 lbs/10.2Kg			Direct = 37.9 lbs/17.2 Kg, Indirect = 41.2 lbs/18.7Kg		

ORDER CODE

EXAMPLE: LX - VE - L - R - 40 - DI - UNV - RD (Luxxbox Vapor Echo, Large, Red, 4000K, Direct/Indirect output, Universal 120-277V / 0-10V 10% dimming, Remote driver)

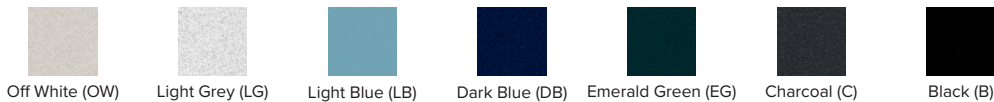
LX - VE											
ORDER CODE	SIZE		SHADE COLOR	COLOR TEMP		OUTPUT		DRIVER / DIMMING		DRIVER TYPE	
VE	S	Small 20" x 14.2" / 510 x 360mm	Use color codes as shown	30	3000K	D	Direct	UNV	0 - 10V - 1% dimming (120-277V) (North America only)	CD	Canopy concealed driver (UNV/North America only)
	M	Medium 36.2" x 17.7" / 920 x 450mm		35	3500K	I	Indirect	G***	1% dimming DSI/DALI (220 - 240V)	RD	Remote driver (UNV or G)
	L	Large 58.3" x 24.4" / 1480 x 620mm		40	4000K	DI**	Direct-Indirect				
	*E26 E26 Lamp holder - 120V AC (North America only)										
	*E27 E27 Lamp holder - 220-240V AC (Global)										
	HO	High-output direct-indirect									

* Please note the light globe or driver will not be supplied with the E26/E27 option for this fixture. | **Direct + Indirect or Indirect output is not currently available for the Small size
*** Global (G) dimming type is available with Remote driver (RD) only

AVAILABLE COLORS

Colors are subject to lead times and variations across batches.

CORE



DESIGNER



Luxxbox reserves the right to change the specification, material and colors at any time without notice. Standard warranty terms and conditions apply. All rights reserved © All dimensions and values on specification sheet are nominal. October 2024. LX-Vapor-Echo-Spec Sheet v9.3



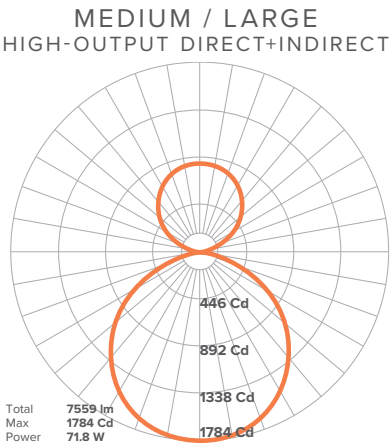
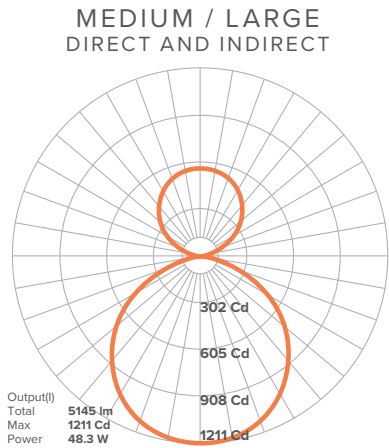
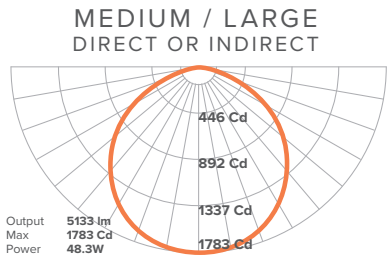
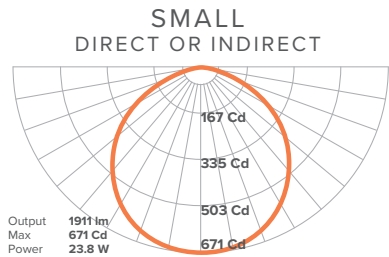
VAPOR ECHO (LX-VE)

TYPE: LX-VE-

PHOTOMETRICS

	SMALL	MEDIUM / LARGE		
Outpuer Option	Direct OR Indirect	Direct OR Indirect	Direct + Indirect	High-output Direct + Indirect
Total Lumens Delivered	1911 lm	5133 lm	5145 lm	7559 lm
Wattage	23.8 W	48.3 W	48.3 W	71.8 W
Efficacy	80.3 lm/W	106.3 lm/W	106.5 lm/W	105.3 lm/W
CRI	90+			
CCT	3000-3500-4000 K			
UGR	<19			

LUMINOUS INTENSITY DISTRIBUTION

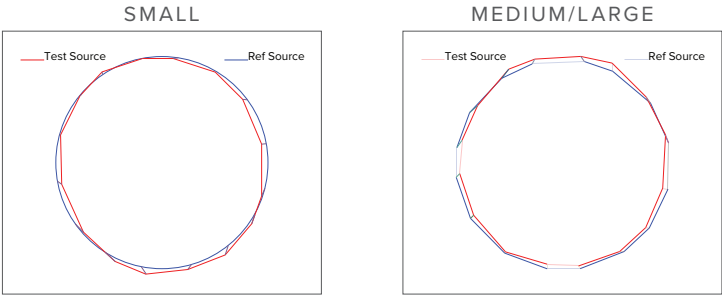


TM-30METRICS

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)	87	88
Rg (Gamut Index)	96	97

COLOR VECTOR GRAPHIC



Luxbox reserves the right to change the specification, material and colors at any time without notice. Standard warranty terms and conditions apply. All rights reserved © All dimensions and values on specification sheet are nominal. October 2024. LX-Vapor-Echo-Spec Sheet v9.3



LUXBOX USA INC × (P)+1 (415) 871 0448 × USA@LUXBOX.COM
LUXBOX PTY LTD × (P)+61 7 3257 2822 × INFO@LUXBOX.COM
WWW.LUXBOX.COM













VAPOR ECHO (LX-VE)

TYPE: LX-VE-

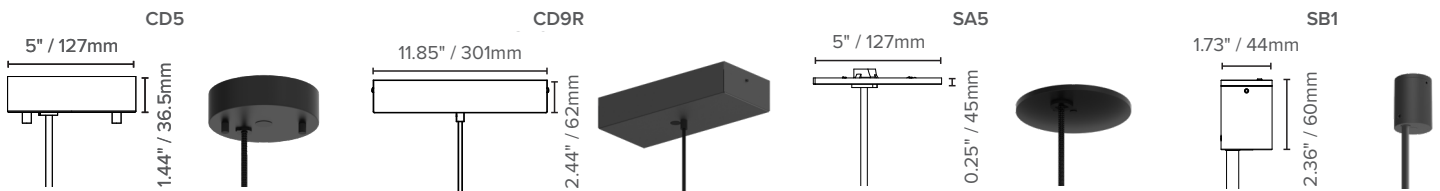
DRIVER INFORMATION

REGION/DIMMING	SIZE	WATTAGE (W)			MAX VOLTAGE (V)	COMPLIANCE
		D OR I	DI	HO		
UNIVERSAL (UNV) 0-10V - 1% dimming 110 - 277VAC (North America only)	SMALL	23.8W	-	-	10-55VDC	 
	MEDIUM / LARGE	48.3 W	48.3 W	71.8 W		
GLOBAL (G) 0-10V - 1% dimming 220 - 240VAC DSI DALI	SMALL	23.8W	-	-	6-52VDC	     
	MEDIUM / LARGE	48.3W	48.3W	71.8 W		

CANOPY INFORMATION

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

PRODUCT	SIZE	OUTPUT	UNIVERSAL (UNV)			GLOBAL (G)	
			CD	RD	E26	RD	E27
LX-VE	SMALL	D	CD5	SA5	SA5	SB1	SB1
	MEDIUM / LARGE	D / DI					
		HO	CD9R				



Luxbox reserves the right to change the specification, material and colors at any time without notice. Standard warranty terms and conditions apply. All rights reserved © All dimensions and values on specification sheet are nominal. October 2024. LX-Vapor-Echo-Spec Sheet v9.3



LUXBOX USA INC × (P)+1 (415) 871 0448 × USA@LUXBOX.COM
LUXBOX PTY LTD × (P)+61 7 3257 2822 × INFO@LUXBOX.COM
WWW.LUXBOX.COM





VAPOR ECHO (LX-VE)

TYPE: LX-VE-

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

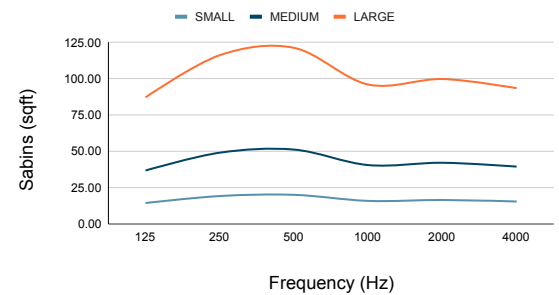
Testing and post analysis procedures were carried out in accordance with the references detailed below:

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.

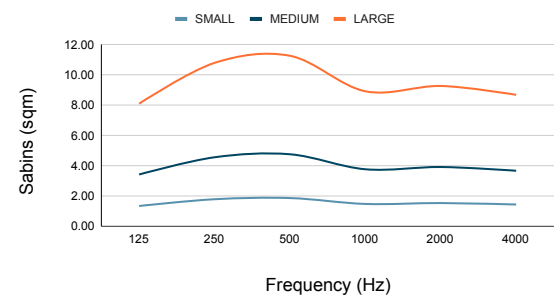
Frequency (Hz)	Sound Absorption Coefficient	IMPERIAL SABINS		
		SMALL	MEDIUM	LARGE
125	0.69	14.43	36.86	87.28
250	0.92	19.24	49.14	116.38
500	0.96	20.08	51.28	121.43
1000	0.76	15.90	40.60	96.14
2000	0.79	16.53	42.20	99.93
4000	0.74	15.48	39.53	93.61

Frequency	Sound Absorption	METRIC SABINS		
		SMALL	MEDIUM	LARGE
125	0.69	1.34	3.42	8.11
250	0.92	1.79	4.57	10.81
500	0.96	1.87	4.76	11.28
1000	0.76	1.48	3.77	8.93
2000	0.79	1.54	3.92	9.28
4000	0.74	1.44	3.67	8.70

Equivalent sound absorption area in ft² per object



Equivalent sound absorption area in m² per object



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 (α_w) 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	0.90
SAA	0.90
α_w	0.8 (MH)

Luxbox reserves the right to change the specification, material and colors at any time without notice. Standard warranty terms and conditions apply. All rights reserved © All dimensions and values on specification sheet are nominal. October 2024. LX-Vapor-Echo-Spec Sheet v9.3



LUXBOX USA INC × (P)+1 (415) 871 0448 × USA@LUXBOX.COM
LUXBOX PTY LTD × (P)+61 7 3257 2822 × INFO@LUXBOX.COM
WWW.LUXBOX.COM



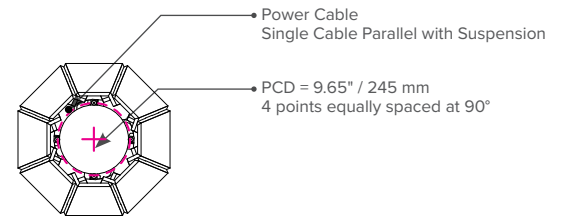
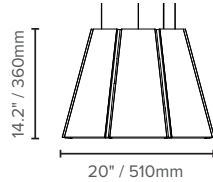


VAPOR ECHO (LX-VE)

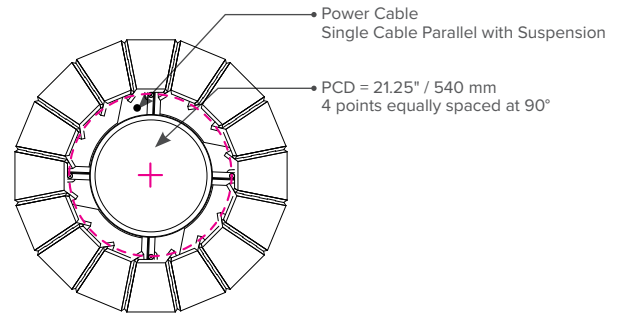
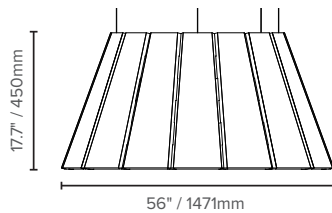
TYPE: LX-VE-

PRODUCT DIMENSIONS

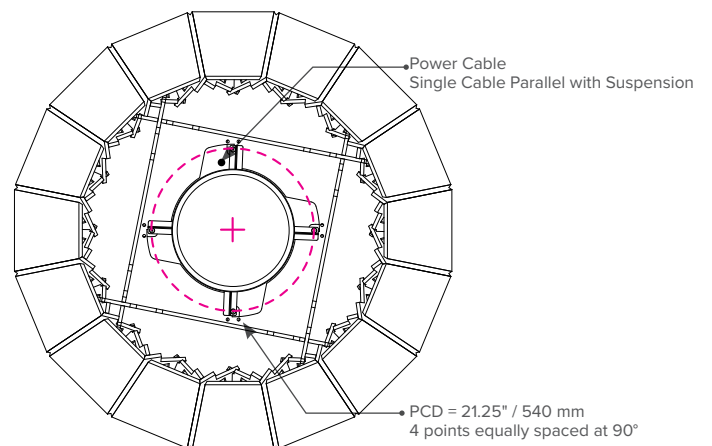
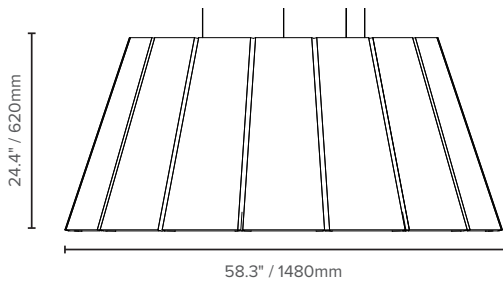
SMALL



MEDIUM



LARGE



Luxbox reserves the right to change the specification, material and colors at any time without notice. Standard warranty terms and conditions apply. All rights reserved © All dimensions and values on specification sheet are nominal. October 2024. LX-Vapor-Echo-Spec Sheet v9.3



LUXXBOX USA INC × (P)+1 (415) 871 0448 × USA@LUXXBOX.COM
LUXXBOX PTY LTD × (P)+61 7 3257 2822 × INFO@LUXXBOX.COM
WWW.LUXXBOX.COM

