



BIRDCAGE (LX-BC)

TYPE:

KEY FEATURES

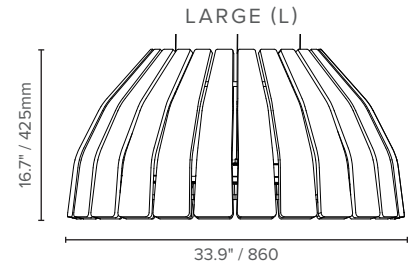
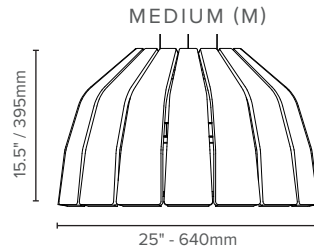
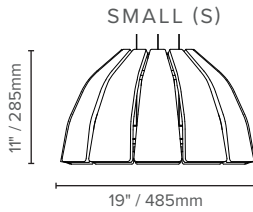
- Highly effective noise absorption
- 3 sizes and a wide range of colors
- High performance dimmable LED light source (Direct)
- UGR<19
- Height adjustable 9' / 3m suspension cables and Black woven power cable
- IES photometric files available
- L70 lifetime rating of 50,000 hours
- Can be mounted flush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

SIZE, OUTPUT AND WEIGHT



	SMALL			MEDIUM			LARGE		
Output	Lumens	Wattage	Efficacy	Lumens	Wattage	Efficacy	Lumens	Wattage	Efficacy
Direct	1634 lm	24 W	68 lm/W	3476 lm	41.9 W	82.9 lm/W	5133 lm	58.9 W	87.2 lm/W
Weight	17.6 lbs / 8 Kg			22 lbs / 10 Kg			26.5 lbs / 12 Kg		

ORDER CODE

EXAMPLE FOR STANDARD LED PANEL: LX - BC - L - DB - 40 - UNV - RD

(Luxxbox Birdcage, Large - dia 33" x 16" / dia 835 x 415 mm, Dark Blue, 4000K, Universal 120-277V / 0-10V 1% dimming, Remote driver)

EXAMPLE FOR E26/27 LAMP HOLDER: LX - BC - M - OW - E26

(Luxxbox Birdcage, Medium - dia 25" x 13" / dia 635 x 335 mm, Off White, E26 lamp holder (120V AC))

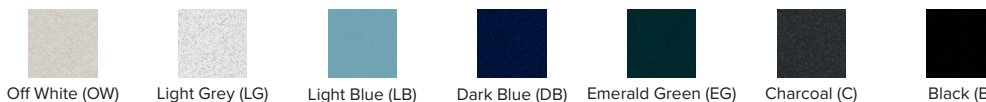
LX - BC	SIZE	*SHADE COLOR	COLOR TEMP	DRIVER / DIMMING	DRIVER TYPE
BC	S Small 19" x 10.5" / 475 x 270 mm	Use color codes as shown	30 3000K	UNV 0 - 10V - 1% dimming (120-277V) (North America only)	CD Canopy concealed driver (UNV/North America only)
	35 3500K		G** 1% dimming DSI/DALI (220 - 240V)		
	40 4000K			RD Remote driver (UNV or G)	
	*E26 E26 Lamp holder - 120V AC (North America only)		*E27 E27 Lamp holder - 220-240V AC (Global)		

* Please note the light globe or driver will not be supplied with the E26/E27 option for this fixture. | ** 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 2023. LX-Birdcage-Spec Sheet v8.1



BIRDCAGE (LX-BC)

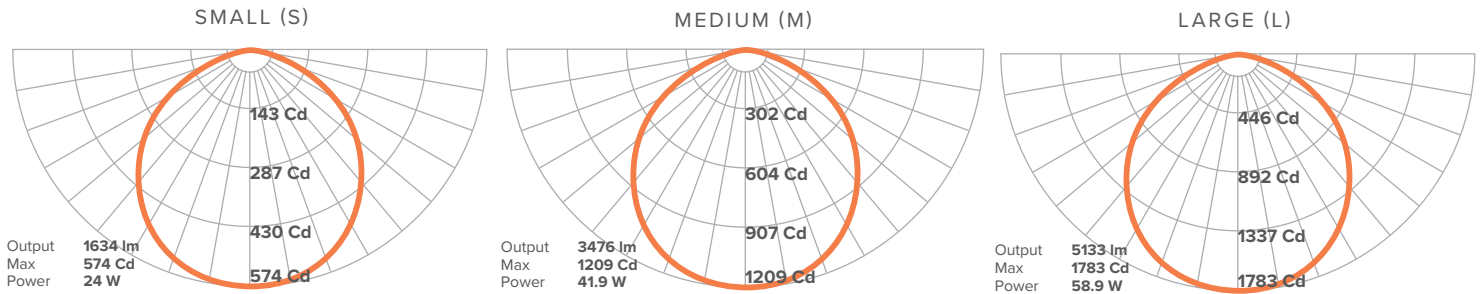
TYPE:

PHOTOMETRICS

LIGHT SOURCE SPECIFICATIONS

	SMALL	MEDIUM	LARGE
Delivered Lumen Output	1634 lm	3476 lm	5133 lm
Wattage	24 W	41.9 W	58.9 W
Efficacy	68 lm/W	82.9 lm/W	87.2 lm/W
CRI	90+		
CCT	3000, 3500, 4000 K		
UGR	<19		

LUMINOUS INTENSITY DISTRIBUTION



TM-30METRICS

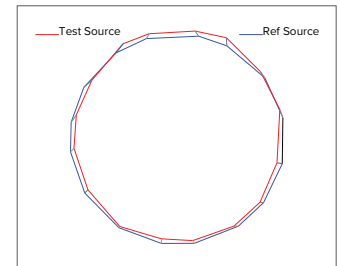
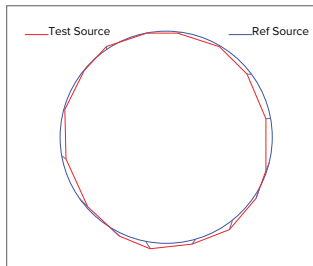
Fidelity Index (Rf): Average similarity to the reference source for all colors
Gamut Index (Rg): Average change in chroma for all colors

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

COLOR VECTOR GRAPHIC

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 2023. LX-Birdcage-Spec Sheet v8.1



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





BIRDCAGE (LX-BC)

TYPE:

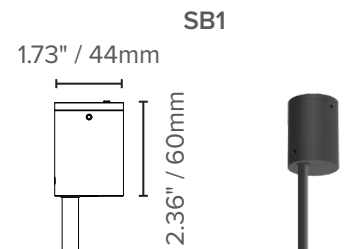
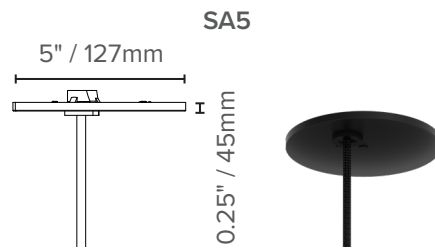
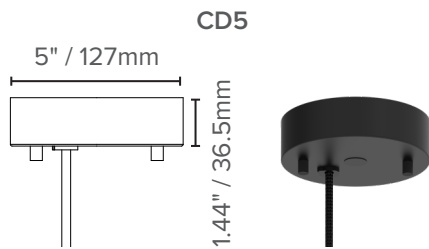
DRIVER INFORMATION

REGION/DIMMING	SIZE	WATTAGE (W)	MAX VOLTAGE (V)	COMPLIANCE
UNIVERSAL (UNV) 0-10V - 1% dimming 110 - 277VAC <i>(North America only)</i>	SMALL	24W	10-55VDC	
	MEDIUM	41.9		
	LARGE	58.9 W		
GLOBAL (G) 0-10V - 1% dimming 220 - 240VAC DSI DALI	SMALL	24W	6-52VDC	
	MEDIUM	41.9		
	LARGE	45.6W		

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-BC	SMALL	D	CD5	SA5	SA5	SB1	SB1
	MEDIUM	D	CD5	SA5	SA5	SB1	SB1
	LARGE	D	CD5	SA5	SA5	SB1	SB1



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 2023. LX-Birdcage-Spec Sheet v8.1



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





BIRDCAGE (LX-BC)

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)

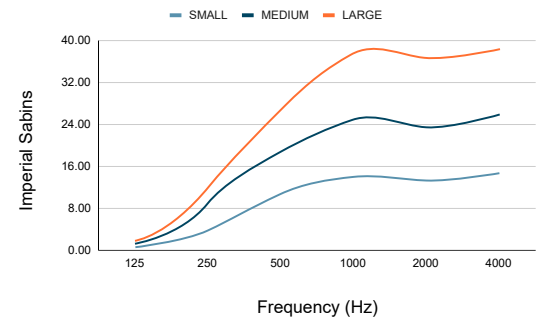
Please note some of these certificates will apply to specific colors.

PRODUCT ACOUSTIC PROPERTIES

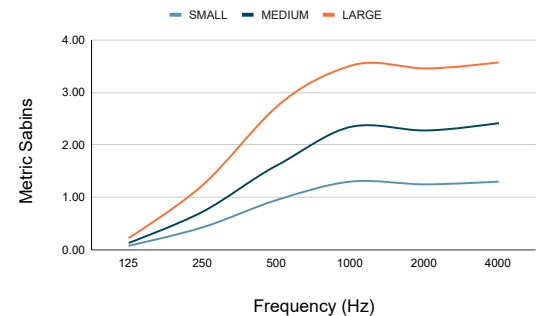
Testing and post analysis procedures were carried out in accordance with the references detailed below:

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)	Sound Absorption Coefficient	SMALL (S)	MEDIUM (M)	LARGE (L)
	125	0.06	0.85	1.55	2.25
	250	0.33	4.69	8.52	12.40
	500	0.73	10.37	18.86	27.43
	1000	1	14.21	25.83	37.57
	2000	0.96	13.64	24.80	36.07
	4000	1	14.21	25.83	37.57



METRIC SABINS	Frequency (Hz)	Sound Absorption Coefficient	SMALL (S)	MEDIUM (M)	LARGE (L)
	125	0.06	0.08	0.14	0.21
	250	0.33	0.44	0.79	1.15
	500	0.73	0.96	1.75	2.55
	1000	1	1.32	2.40	3.49
	2000	0.96	1.27	2.30	3.35
	4000	1	1.32	2.40	3.49



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	0.70
SAA	0.64
aw	0.55
SAC	D

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 2023. LX-Birdcage-Spec Sheet v8.1



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





BIRDCAGE (LX-BC)

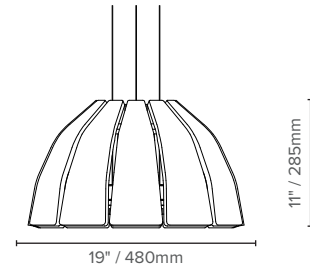
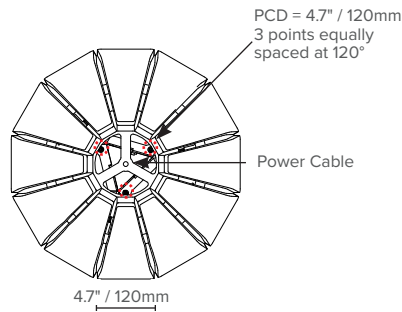
TYPE:

PRODUCT DIMENSIONS

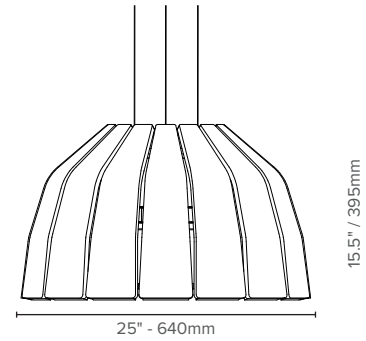
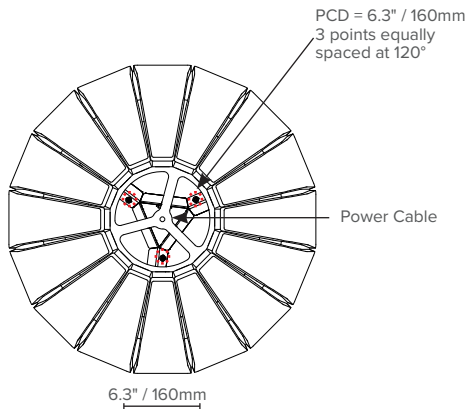
TOP VIEWS

SIDE VIEWS

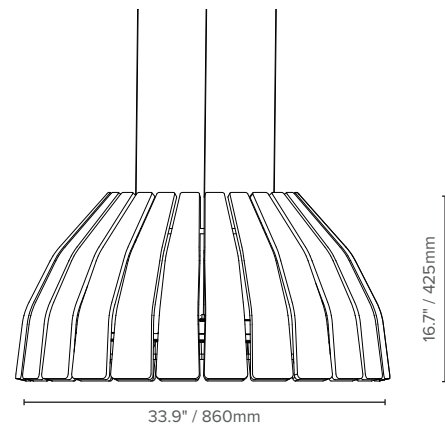
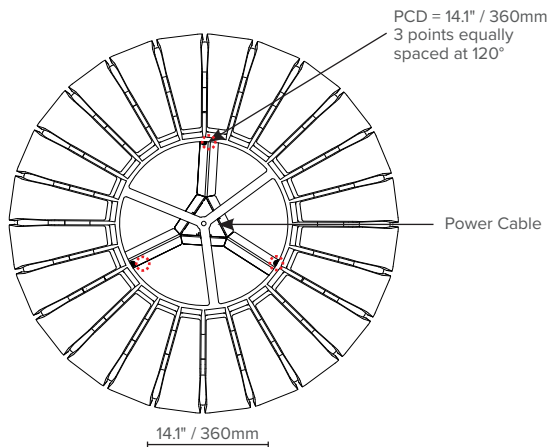
SMALL



MEDIUM



LARGE



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 2023. LX-Birdcage-Spec Sheet v8.1



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

