

# BIRDCAGE (LX-BC)

TYPE:

## KEY FEATURES

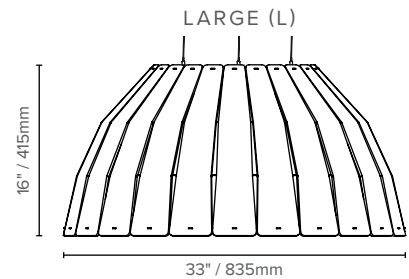
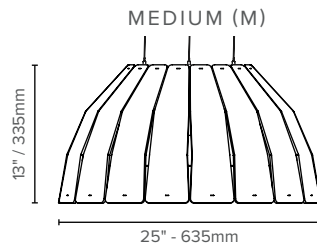
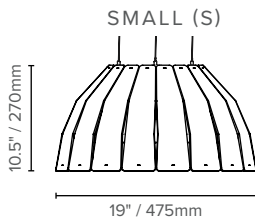
- Highly effective noise absorption
- 3 sizes and a wide range of colors
- High performance dimmable LED light source (Direct)
- UGR<19
- Height adjustable 9' / 3m suspension cables and Black woven power cable
- IES photometric files available
- L70 lifetime rating of 50,000 hours
- Can be mounted flush 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	Delivered Lumens	Wattage	Efficacy	Delivered Lumens	Wattage	Efficacy	Delivered Lumens	Wattage	Efficacy
Direct	1833 lm	22W	83 lm/W	1833 lm	22W	83 lm/W	3850 lm	48W	80 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))

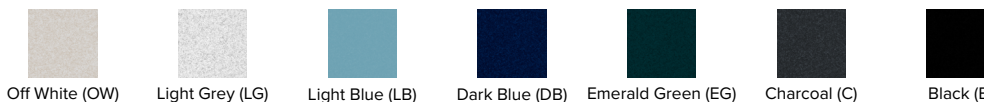
LX - BC	SIZE	*SHADE COLOR	COLOR TEMP	DRIVER / DIMMING	DRIVER TYPE
BC	<b>S</b>	Small 19" x 10.5" / 475 x 270 mm	Use color codes as shown	<b>UNV</b> 0 - 10V - 10% dimming (120-277V) (North America only) <b>G</b> 1% dimming DSI/DALI (220 - 240V)**	<b>CD</b> Canopy concealed driver (UNV/North America only) <b>RD</b> Remote driver (UNV or G)
	<b>M</b>	Medium 25" x 13" / 635 x 335 mm			
	<b>L</b>	Large 33" x 16" / 835 x 415 mm			
			<b>*E26</b> E26 Lamp holder - 120V AC (North America only) <b>*E27</b> 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



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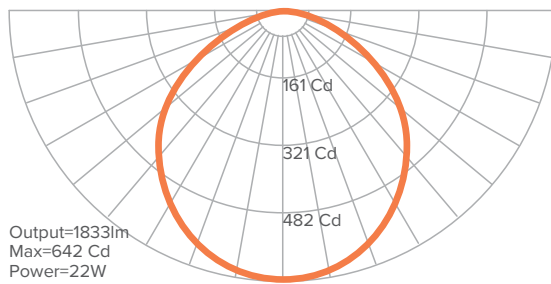
## PHOTOMETRICS

### LIGHT SOURCE SPECIFICATIONS

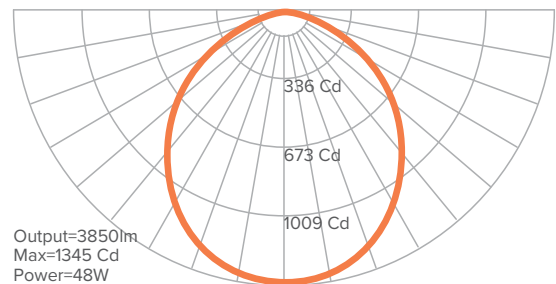
	SMALL (Ø19.5" x 10.5" / Ø475 x 270mm)	MEDIUM (Ø25" x 13" / 635 x 335mm)	LARGE (33" x 16" / Ø835 x 415mm)
Delivered Lumen Output	1833lm	1833lm	3850lm
Wattage	22W	22W	48W
Efficacy	83 lm/W	83 lm/W	80 lm/W
CRI	90+		
CCT	3000, 3500, 4000 K		
UGR	<19		

### LUMINOUS INTENSITY DISTRIBUTION

SMALL AND MEDIUM



LARGE



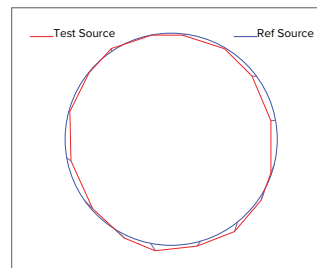
### TM-30METRICS

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

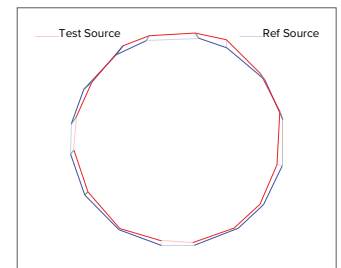
	SMALL AND MEDIUM	LARGE
Fidelity Index (Rf)	90	90.7
Gamut Index (Rg)	100	98.8

### COLOR VECTOR GRAPHIC

SMALL/MEDIUM



LARGE



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# BIRDCAGE (LX-BC)

TYPE:

## DRIVER INFORMATION

UNIVERSAL 110-277 VAC / 0-10V 1% DIMMING (North America only)				
Size	Output	Wattage	Voltage	Compliance
SMALL	D	22W	10-55VDC	
MEDIUM	D	22W		
LARGE	D	48W		

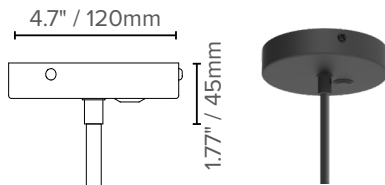
GLOBAL 220-240V 1% DIMMING DSI DALI				
Size	Output	Wattage	Voltage	Compliance
SMALL	D	22W	6-52VDC	
MEDIUM	D	22W		
LARGE	D	48W		

## CANOPY INFORMATION

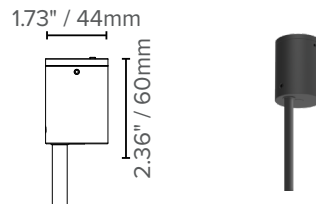
Please note power cord and canopy will always be supplied in black unless specified otherwise.

PRODUCT	SIZE	OUTPUT	UNIVERSAL (NORTH AMERICA)			GLOBAL	
			RD	CD	E26	RD	E27
LX-BC	ALL SIZES	D	SA1	CD9	SA1	SB1	SB1

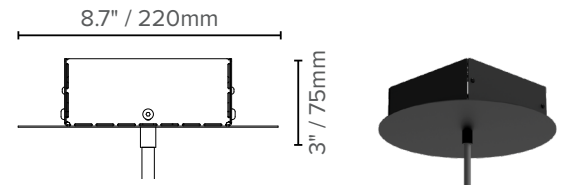
SA1/SA2



SB1/SB2



CD9



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## 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 <sup>2</sup> K/W
SOUND ABSORPTION:	AS ISO 354 – 2006 / Noise reduction coefficient (NRC) = 0.85
VOC EMISSIONS:	ASTM D5116 Rate: < 0.01 mg/m <sup>2</sup> /hr (7 days)

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

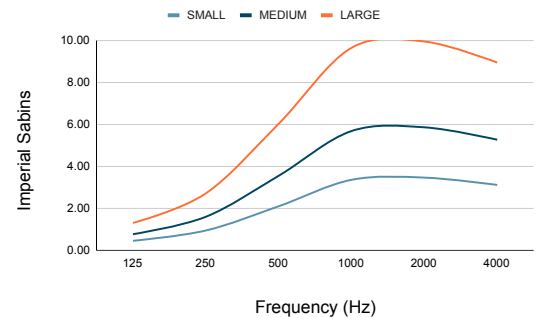
## PRODUCT ACOUSTIC PROPERTIES

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.

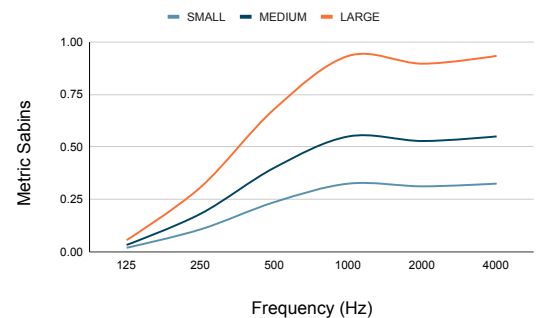
IMPERIAL SABINS

Frequency (Hz)	Sound Absorption Coefficient	SMALL (S)	MEDIUM (M)	LARGE (L)
125	0.06	0.21	0.36	0.60
250	0.33	1.15	1.95	3.32
500	0.73	2.55	4.32	7.33
1000	1	3.50	5.92	10.05
2000	0.96	3.36	5.68	9.64
4000	1	3.50	5.92	10.05



METRIC SABINS

Frequency (Hz)	Sound Absorption Coefficient	SMALL (S)	MEDIUM (M)	LARGE (L)
125	0.06	0.02	0.03	0.06
250	0.33	0.11	0.18	0.31
500	0.73	0.24	0.40	0.68
1000	1	0.33	0.55	0.93
2000	0.96	0.31	0.53	0.90
4000	1	0.33	0.55	0.93



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

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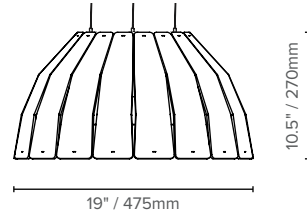
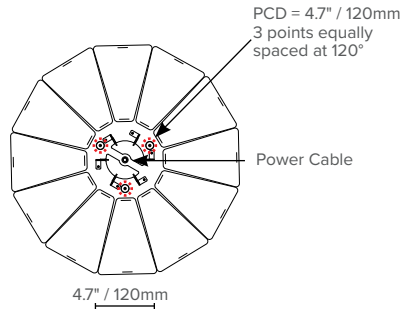
TYPE:

## PRODUCT DIMENSIONS

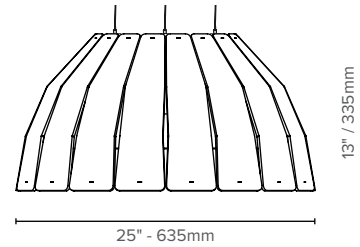
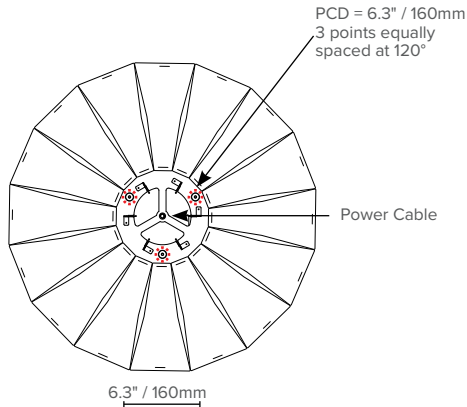
### TOP VIEWS

### SIDE VIEWS

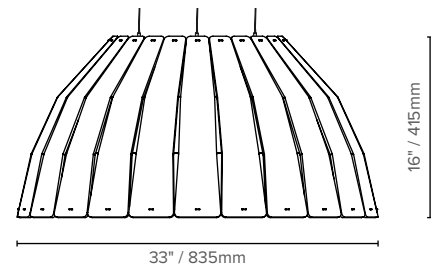
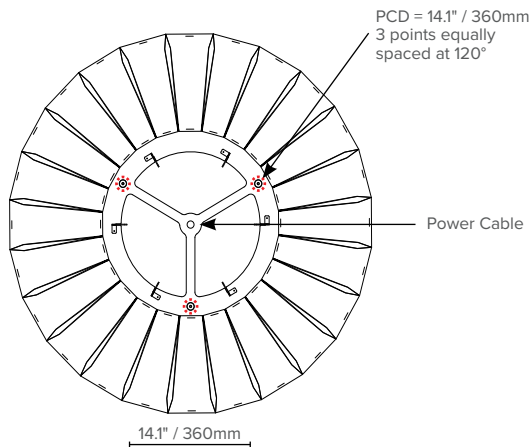
SMALL



MEDIUM



LARGE



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