

# BIRDCAGE (LX-BC)

**TYPE:**

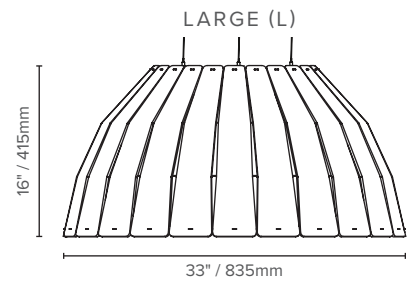
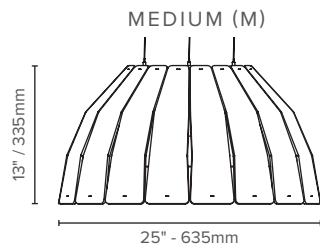
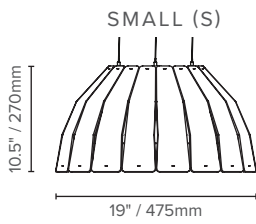
The elegant Birdcage pendant is part of Luxxbox's decorative pendant series made from acoustically rated panels. Adding a decorative touch to open plan collaborative spaces, the Birdcage is constructed from 0.3" / 6mm acoustic panels for highly effective sound management.

**KEY BENEFITS**

- Highly effective noise absorption
- Available in 3 sizes and a wide range of colors
- High performance dimmable LED light source (Direct)
- Optional E26 lamp holder
- Height adjustable 9' / 3m suspension cables per fixture
- 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
- L70 lifetime rating of 50,000 hours
- Available in the Motif Collection

**MOTIF**

## SIZE, OUTPUT AND WEIGHT



Output	SMALL			MEDIUM			LARGE		
	Delivered Lumens	Wattage	Efficacy lm/W	Delivered Lumens	Wattage	Efficacy lm/W	Delivered Lumens	Wattage	Efficacy lm/W
Direct	1680	19	88	1680	19	88	4500	57	79
Weight	17.6 lbs / 8 Kg			22 lbs / 10 Kg			26.5 lbs / 12 Kg		

## ORDER CODE

**EXAMPLE: LX - BC - L - R - 40 - UNV - RD**

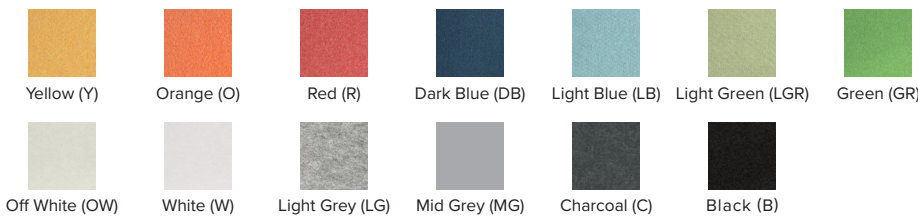
(Luxxbox Birdcage, Large - dia 33" / 835mm, Red, 4000K, Universal 120-277V / 0-10V dimming, Remote driver)

LX - BC	SIZE	SHADE COLOR	COLOR TEMP	DRIVER / DIMMING	DRIVER TYPE	
BC	S	Use color codes as shown	30	UNV	RD	
	M		35			G
	L		40			
			*E26			
			*E27			

(\*E26/E27 options refer to the lampholder. The light bulb and the driver won't be supplied for these options.)

## AVAILABLE COLORS

Colors are subject to lead times and variations across batches



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## PHOTOMETRICS

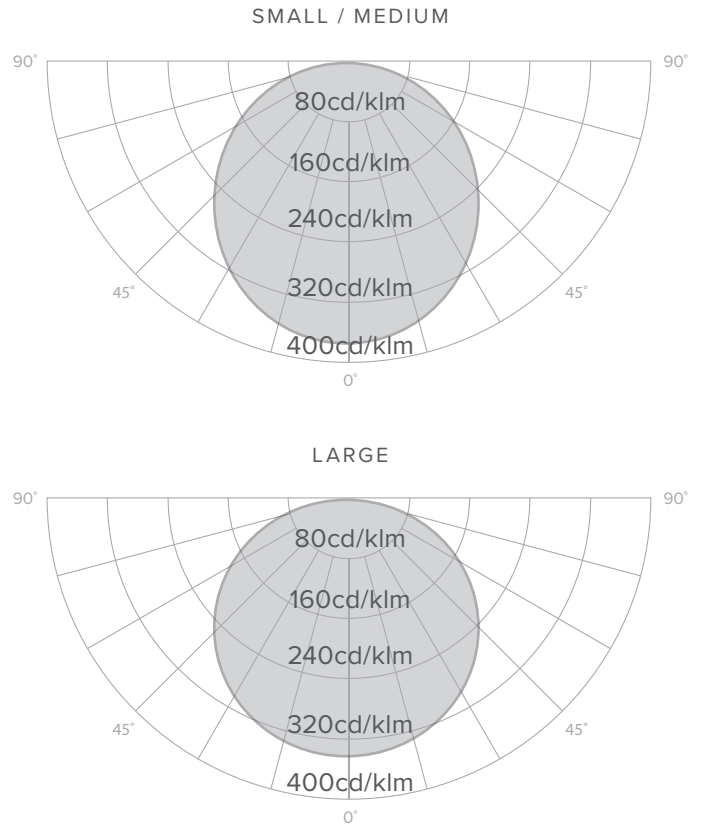
### LIGHT SOURCE SPECIFICATIONS

	SMALL (19" / 475mm)
Delivered Lumen Output	1680lm
Wattage	19W
Efficacy	88 lumens per watt
CRI	90
CCT	3000, 3500, 4000 K

	MEDIUM (25" / 635mm)
Delivered Lumen Output	1680lm
Wattage	19W
Efficacy	88 lumens per watt
CRI	90
CCT	3000, 3500, 4000 K

	LARGE (33" / 835mm)
Delivered Lumen Output	4500lm
Wattage	57W
Efficacy	79 lumens per watt
CRI	90
CCT	3000, 3500, 4000 K

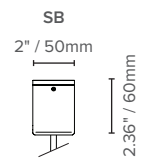
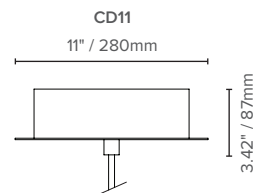
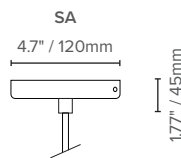
### LUMINOUS INTENSITY DISTRIBUTION



## CANOPY INFORMATION

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

SIZE	NORTH AMERICA			GLOBAL		
	DRIVER OPTION		OB	DRIVER OPTION		OB
BC-S	SA	CD11	SA	SB	CD11	SB
BC-M	SA	CD11	SA	SB	CD11	SB
BC-L	SA	CD11	SA	SB	CD11	SB



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## DRIVER INFORMATION

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

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

EldoLED 0.1% dimming					
Size	Output	Driver Code	Watts	Output	Compliance
SMALL (19.5" / 500mm)	Direct	SL30B-M1Z0A1 150MA	30W	15-42VDC	
MEDIUM (37.4" / 950mm)	Direct	SL75B-M1A0A1 700MA	75W	2-55VDC	
LARGE (60" / 1500mm)	Direct	SL75B-M1A0A1 700MA	75W	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
<b>COLOR FASTNESS TO LIGHT:</b>	ISO 105-B02-1994 Rating: 6-7	ISO 105-B02-1994 Rating: 6-7
<b>FIRE TEST:</b>	AS 1530.3 ISO 9705: Group 1 BS 476: Part 7 Class 2	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)
<b>ENVIRONMENTAL:</b>	PET achieves GreenTag Certification GreenRate: Level A	PET achieves GreenTag Certification GreenRate: Level A
<b>THERMAL TRANSITION:</b>	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
<b>SOUND ABSORPTION:</b>	AS ISO 354 – 2006 Noise reduction coefficient (NRC) = 0.45	AS ISO 354 – 2006 Noise reduction coefficient (NRC) = 0.45
<b>VOC EMISSIONS:</b>	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)

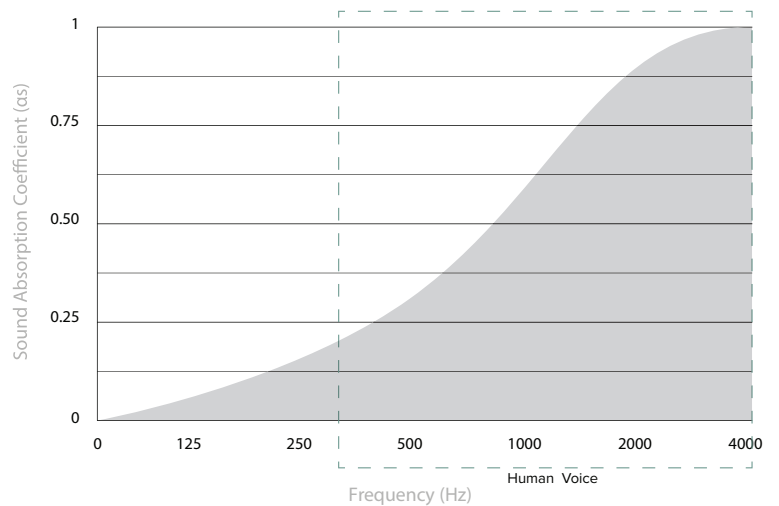
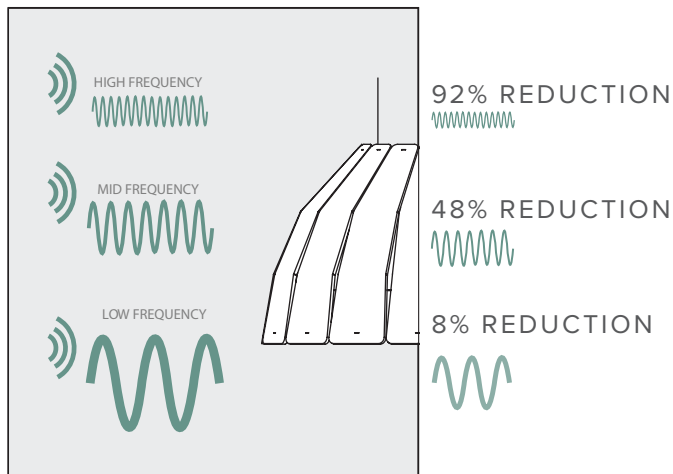
## PET ACOUSTIC PROPERTIES

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" / 475mm x 11" / 270mm H	(M) dia 25" / 635mm x 13" / 335mm H	(L) dia 33" / 835mm / 16" / 415mm H
6 Sabins (imperial) 0.26 Sabins (metric)	10.6 Sabins (imperial) 0.44 Sabins (metric)	19.2 Sabins (imperial) 0.82 Sabins (metric)

## ACOUSTIC PROPERTIES

Visualization of decibel decay across the Vapor Echo range. Effects of a 0.45 NRC across a range of frequencies.



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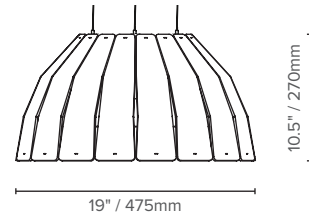
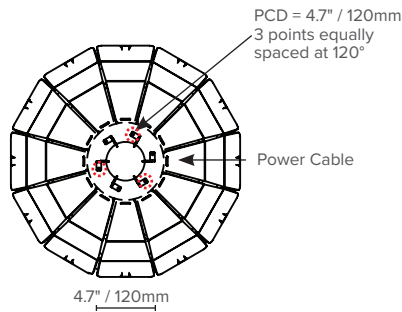
TYPE:

## PRODUCT DIMENSIONS

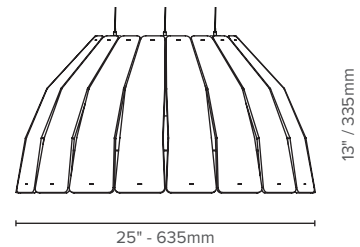
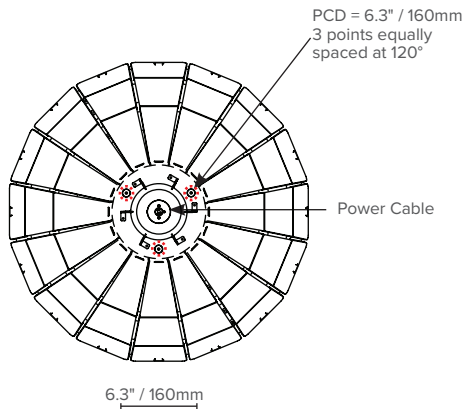
### TOP VIEWS

### SIDE VIEWS

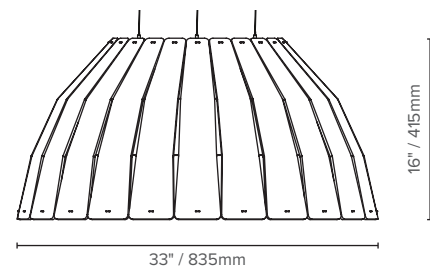
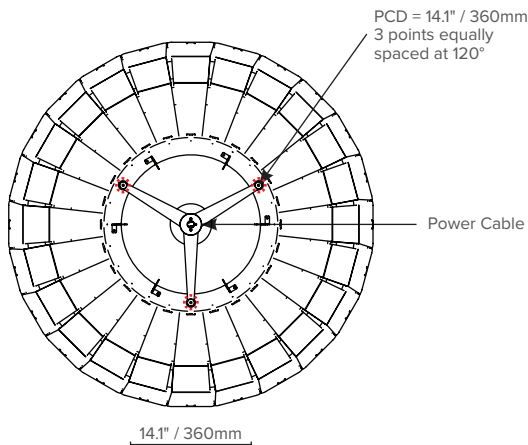
SMALL



MEDIUM



LARGE



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