



BIRDCAGE (LX-BC)

TYPE: LX-BC-

KEY FEATURES

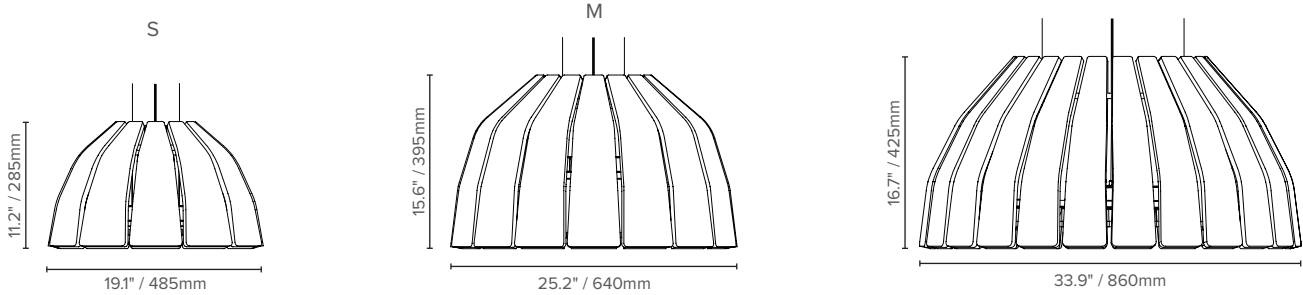
- Highly effective noise absorption
- 3 sizes and a wide range of colors
- UGR<19
- Height adjustable 9' / 3m suspension cables and Black woven power cable
- IES / LDT photometric files available
- L70 lifetime rating of 50,000 hours
- Can be mounted flush to ceiling

OPTIONAL EXTRAS

Additional options available upon request:

- 0.1% dimming option
- POE
- Bluetooth controller (US & EU)
- Tunable White
- White canopy and power cord
- BABA Act Certificate (US)

SIZE, OUTPUT AND WEIGHT



	Delivered Lumen Output	Wattage (W)	Efficacy (lm/W)	CRI	UGR	Beam Angle	CCT	Weight
BC-S	1911 lm	23.8	80.3	90+	<19	100°	3000K	17.6lbs / 8Kg
BC-M	2683 lm	26.9	99.7			100°	3500K	22lbs / 10Kg
BC-L	5133 lm	48.3	106.3			100°	4000K	26.5lbs / 12Kg

ORDER CODE

EXAMPLE: LX - BC - L - SA - 40 - G - RD

(Luxxbox Birdcage, Size L (33.9" x 16.7" / 860 x 425mm), Sand PET color, 4000K, Global 220-240V 1% dimming, Remote driver)

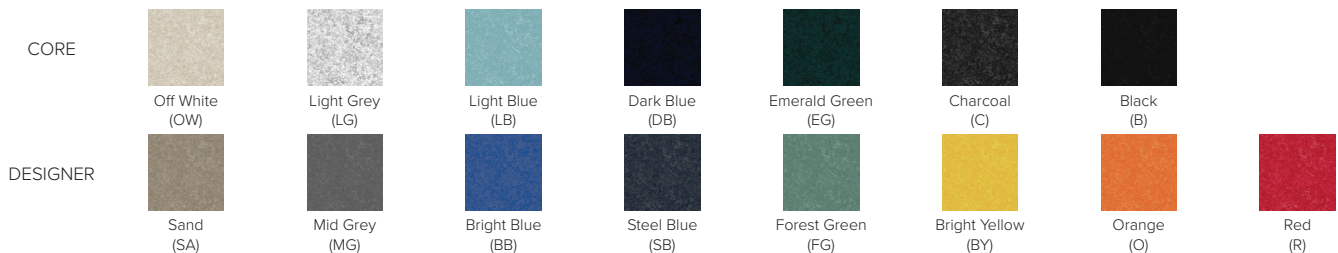
EXAMPLE: LX - BC - M - SA - E27

(Luxxbox Birdcage, Size L (33.9" x 16.7" / 860 x 350mm), Sand PET color, with an E27 lamp holder)

LX - BC									
PRODUCT CODE	SIZE		SHADE COLOR	COLOR TEMP		REGION / DIMMING		DRIVER TYPE	
BC	S	191" x 11.2" 485 x 285mm	Use color codes as shown below	30	3000K	UNV	Universal 110 - 277V / 0-10V 1% Dimming (North America only)	CD	Canopy concealed driver (UNV/North America)
	M	25.2" x 15.6" 640 x 395mm		35	3500K	G**		Global 220-240V 1% dimming DSI/DALI	
	L	33.9" x 16.7" 860 x 425mm		40	4000K				
					*E26	E26 Lamp holder - 120V AC (North America)			
			*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



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(P)+1 (415) 871 0448 × USA@LUXXBOX.COM
WWW.LUXXBOX.COM





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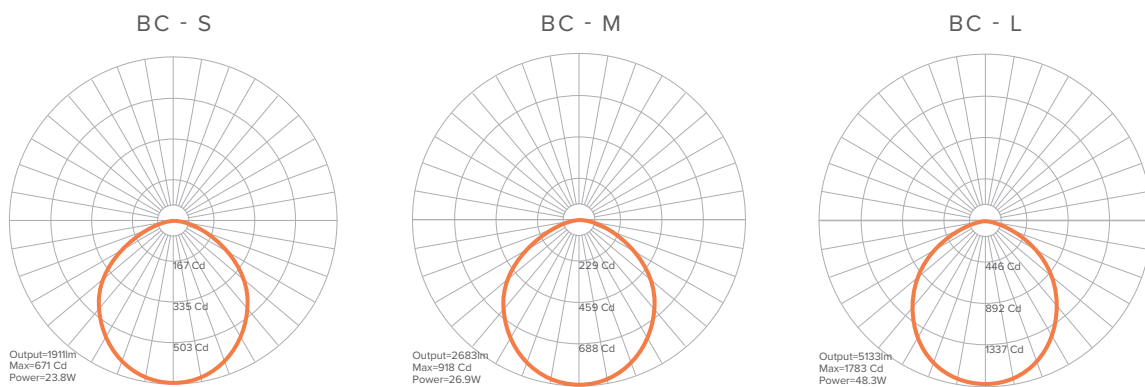
TYPE: LX-BC-

PHOTOMETRICS

LIGHT SOURCE SPECIFICATIONS

		Delivered Lumen Output	Wattage (W)	Efficacy (lm/W)	CRI	UGR	Beam Angle	CCT
BC-S	DIRECT	1911 lm	23.8	80.3	90+	<19	100°	3000K
BC-M	DIRECT	2683 lm	26.9	99.7			100°	3500K
BC-L	DIRECT	5133 lm	48.3	106.3			100°	4000K

LUMINOUS INTENSITY DISTRIBUTION

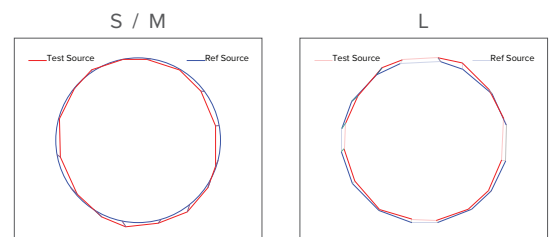


TM-30

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

	S / M	L
Fidelity Index (Rf)	87	88
Gamut Index (Rg)	96	97

COLOR VECTOR GRAPHIC



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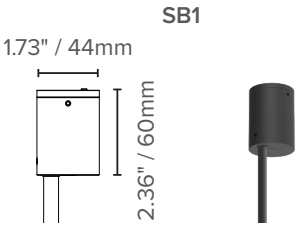
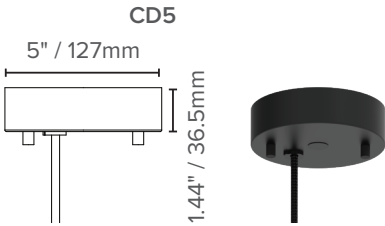
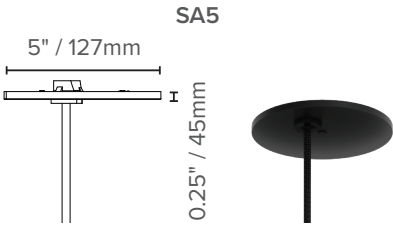
DRIVER INFORMATION

		WATTAGE	MAX VOLTAGE (V)	COMPLIANCE
UNIVERSAL (UNV) 0-10V - 1% Dimming 110 - 277VAC (North America)	S	23.8W	10-55VDC	
	M	26.9W		
	L	48.3W		
GLOBAL (G) 1% Dimming DSI DALI 220 - 240VAC DSI DALI	S	23.8W	6-52V	
	M	26.9W		
	L	48.3W		

CANOPY INFORMATION

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

		UNV (North America)			G	
		RD	CD	E26	RD	E27
BC-S	D	SA5	CD5	SA5	SB1	SB1
BC-M	D	SA5	CD5	SA5	SB1	SB1
BC-L	D	SA5	CD5	SA5	SB1	SB1

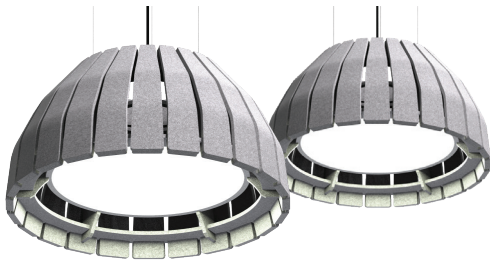


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MATERIAL SPECIFICATIONS

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: 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.

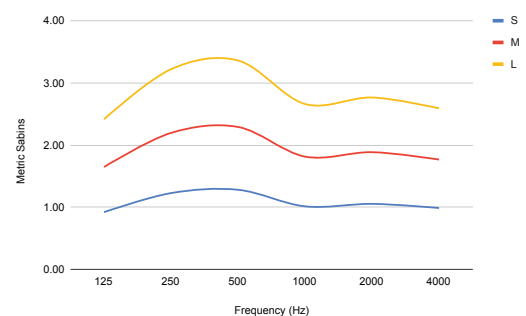
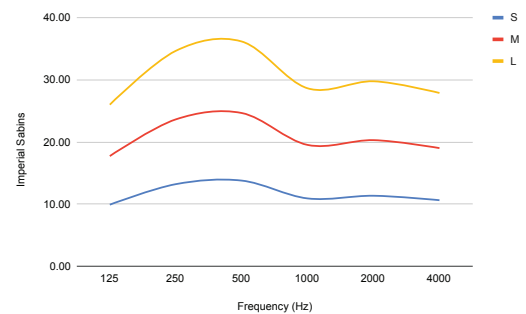
PRODUCT ACOUSTIC PROPERTIES

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.

SABINS (FT ²)	Frequency (Hz)	Sound Absorption Coefficient	S	M	L
	125	0.69	9.90	17.72	25.99
	250	0.92	13.20	23.63	34.66
	500	0.96	13.78	24.66	36.17
	1000	0.76	10.91	19.52	28.63
	2000	0.79	11.34	20.29	29.76
	4000	0.74	10.62	19.01	27.88

SABINS (M ²)	Frequency (Hz)	Sound Absorption Coefficient	S	M	L
	125	0.69	0.92	1.65	2.42
	250	0.92	1.23	2.20	3.22
	500	0.96	1.28	2.29	3.36
	1000	0.76	1.01	1.81	2.66
	2000	0.79	1.05	1.88	2.77
	4000	0.74	0.99	1.77	2.59



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	0.85
SAA	0.83
α_w	0.85

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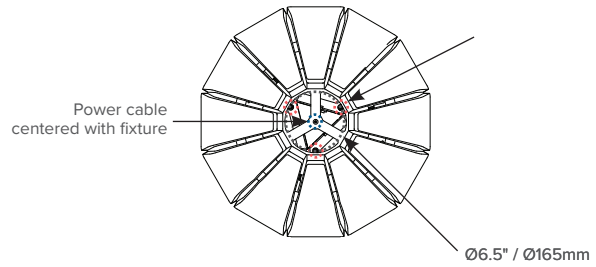
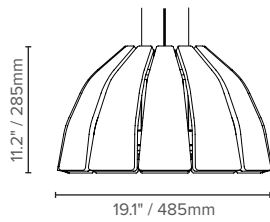
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PRODUCT DIMENSIONS

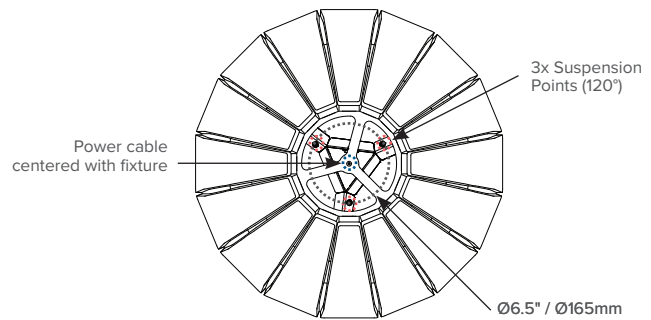
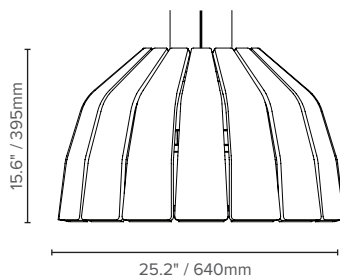
SIDE VIEWS

TOP VIEWS

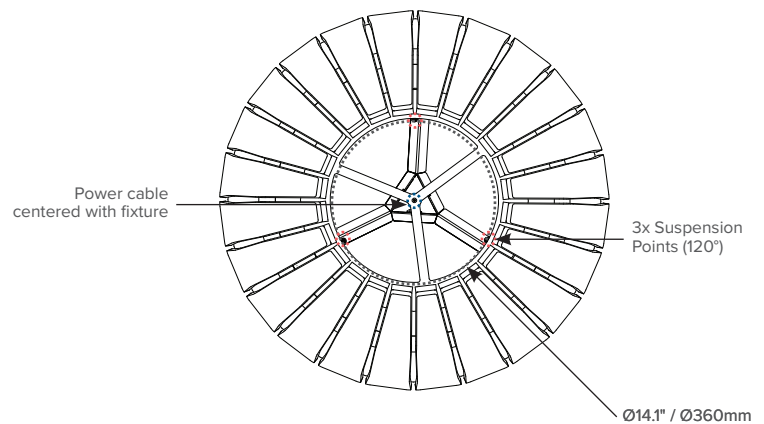
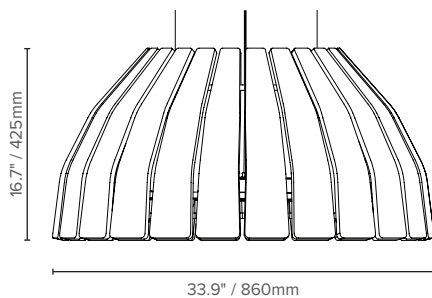
S



M



L



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