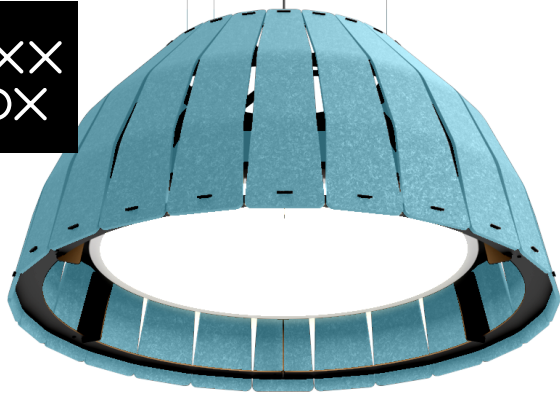


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MOTIF

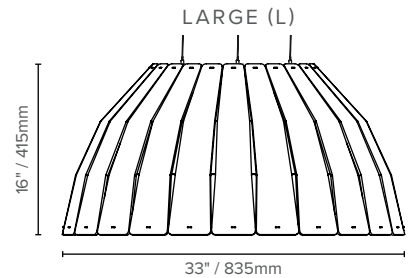
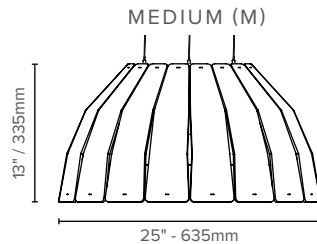
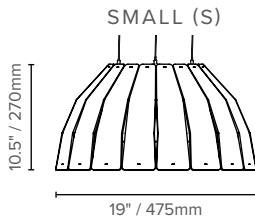
# BIRDCAGE (LX-BC)

TYPE:

## KEY BENEFITS

- Highly effective noise absorption
- Available in 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
- 0.1% dimming option available
- POE available on request
- IES photometric files available
- Bluetooth controller available upon request (only for US and EU)
- Can be mounted flush to ceiling
- L70 lifetime rating of 50,000 hours
- White canopy and power cord available upon request
- Tunable White output available upon inquiry
- Available in the printed MOTIF collection

## SIZE, OUTPUT AND WEIGHT



|        | SMALL            |         |               | MEDIUM           |         |               | LARGE            |         |               |
|--------|------------------|---------|---------------|------------------|---------|---------------|------------------|---------|---------------|
| Output | 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 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 10% dimming, Remote driver)

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

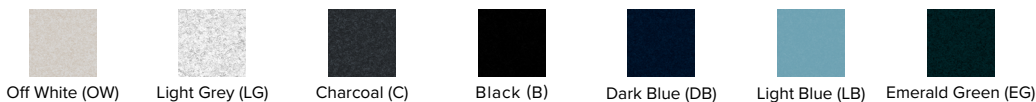
(Luxxbox Birdcage, Medium - dia 25" x 13" / dia 635 x 335 mm, Off White, E26 lamp holder (120V AC))

| LX - BC      |      |                                    |                                        |            |                                                |                  |                                                                                                       |             |                                  |
|--------------|------|------------------------------------|----------------------------------------|------------|------------------------------------------------|------------------|-------------------------------------------------------------------------------------------------------|-------------|----------------------------------|
| PRODUCT CODE | SIZE |                                    | *SHADE COLOR                           | COLOR TEMP |                                                | DRIVER / DIMMING |                                                                                                       | DRIVER TYPE |                                  |
| BC           | S    | Small Ø19" x 10.5" / Ø475 x 270 mm | Use color codes as shown               | 30         | 3000K                                          | UNV              | 0 - 10V - 10% dimming (120-277V) (North America only)                                                 | RD          | Remote driver                    |
|              | M    | Medium Ø25" x 13" / Ø635 x 335 mm  |                                        | 35         | 3500K                                          |                  |                                                                                                       | CD          | Canopy concealed driver          |
|              | L    | Large Ø33" x 16" / Ø835 x 415 mm   |                                        | 40         | 4000K                                          |                  |                                                                                                       | G           | 1% dimming DSI/DALI (220 - 240V) |
|              |      |                                    |                                        | *E26       | E26 Lamp holder - 120V AC (North America only) |                  | * Please note the light bulb or driver will not be supplied with the E26/E27 option for this fixture. |             |                                  |
|              |      | *E27                               | E27 Lamp holder - 220-240V AC (Global) |            |                                                |                  |                                                                                                       |             |                                  |

## AVAILABLE COLORS

Colors are subject to lead times and variations across batches. Also available in the printed MOTIF collection viewable [here](#).

### CORE



### DESIGNER



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GOING  
ZERO





# BIRDCAGE (LX-BC)

TYPE:

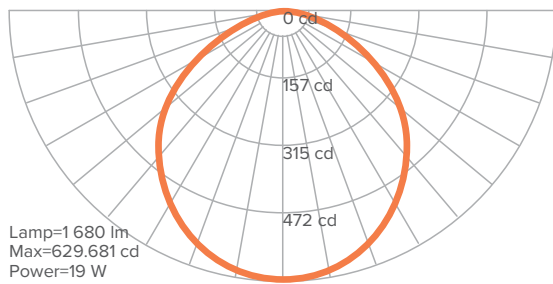
## PHOTOMETRICS

### LIGHT SOURCE SPECIFICATIONS

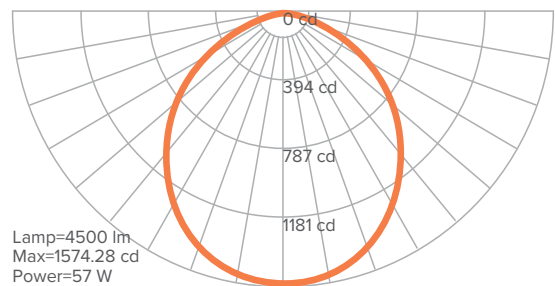
|                        | SMALL (Ø19.5" x 10.5" / Ø475 x 270mm) | MEDIUM (Ø25" x 13" / 635 x 335mm) | LARGE (33" x 16" / Ø835 x 415mm) |
|------------------------|---------------------------------------|-----------------------------------|----------------------------------|
| Delivered Lumen Output | 1680lm                                | 1680lm                            | 4500lm                           |
| Wattage                | 19W                                   | 19W                               | 57W                              |
| Efficacy               | 88 lumens per watt                    | 88 lumens per watt                | 79 lumens per watt               |
| CRI                    | 90                                    |                                   |                                  |
| CCT                    | 3000, 3500, 4000 K                    |                                   |                                  |
| UGR                    | <19                                   |                                   |                                  |

### LUMINOUS INTENSITY DISTRIBUTION

SMALL AND MEDIUM



LARGE



### TM-30METRICS

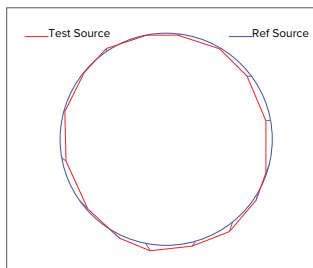
Fidelity Index (Rf): Average similarity to the reference source for all colors

Gamut Index (Rg): Average change in chroma for all colors

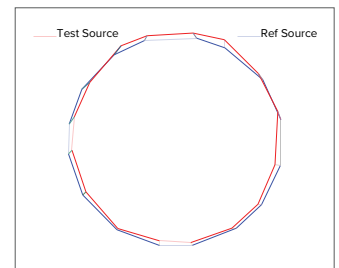
|                     | SMALL AND MEDIUM | LARGE |
|---------------------|------------------|-------|
| Fidelity Index (Rf) | 90               | 90.7  |
| Gamut Index (Rg)    | 100              | 98.8  |

### COLOR VECTOR GRAPHIC

SMALL/MEDIUM



LARGE



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# BIRDCAGE (LX-BC)

TYPE:

## DRIVER INFORMATION

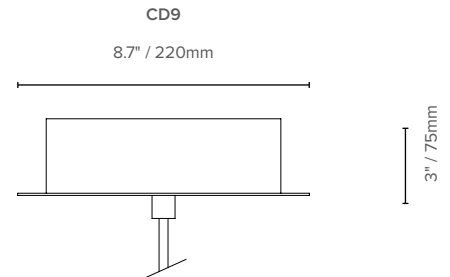
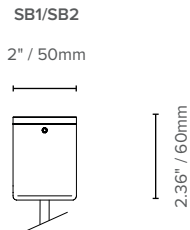
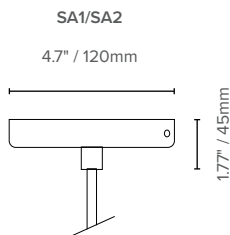
| UNIVERSAL 110-277 VAC / 0-10V 10% DIMMING (North America only) |        |         |          |            |
|----------------------------------------------------------------|--------|---------|----------|------------|
| Size                                                           | Output | Wattage | Voltage  | Compliance |
| SMALL                                                          | D      | 19      | 10-55VDC |            |
| MEDIUM                                                         | D      | 19      |          |            |
| LARGE                                                          | D      | 57      |          |            |

| GLOBAL 220-240V 1% DIMMING DSI DALI |        |         |         |            |
|-------------------------------------|--------|---------|---------|------------|
| Size                                | Output | Wattage | Voltage | Compliance |
| SMALL                               | D      | 19      | 6-52VDC |            |
| MEDIUM                              | D      | 19      |         |            |
| LARGE                               | D      | 57      |         |            |

## CANOPY INFORMATION

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

|         |           |        | UNIVERSAL (NORTH AMERICA) |     |     |     | GLOBAL |     |     |     |
|---------|-----------|--------|---------------------------|-----|-----|-----|--------|-----|-----|-----|
| PRODUCT | SIZE      | OUTPUT | RD                        | OB  | CD  | E26 | RD     | OB  | CD  | E27 |
| LX-BC   | ALL SIZES | D      | SA1                       | SA2 | CD9 | SA1 | SB1    | SB2 | CD9 | SB1 |



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# BIRD CAGE (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 <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)                                                                      |

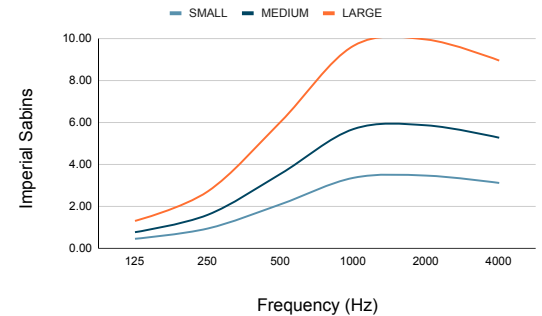
Please note some of these certificates will apply to specific colors.

## PRODUCT ACOUSTIC PROPERTIES

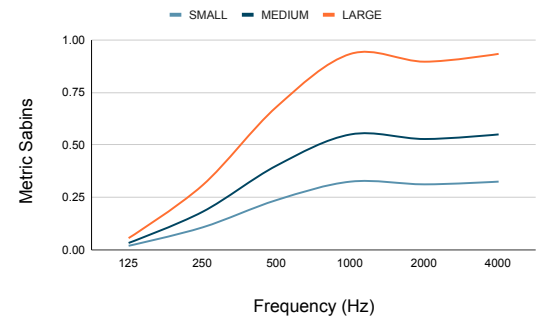
Testing and post analysis procedures were carried out in accordance with the references detailed below:

|                         |                                                                                                                                                                |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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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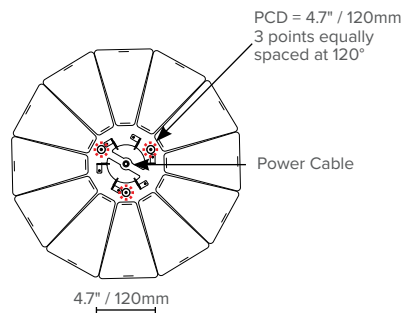
# BIRDCAGE (LX-BC)

TYPE:

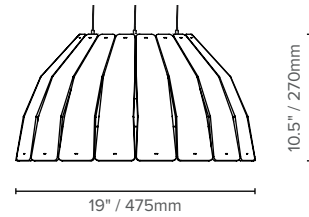
## PRODUCT DIMENSIONS

### TOP VIEWS

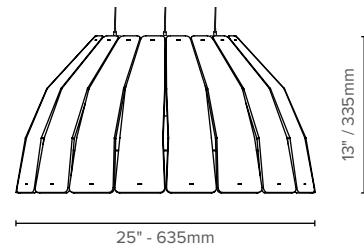
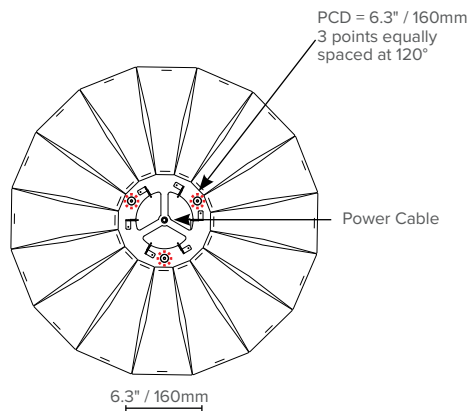
SMALL



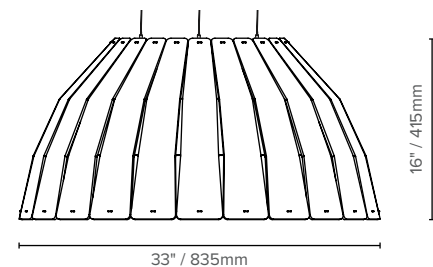
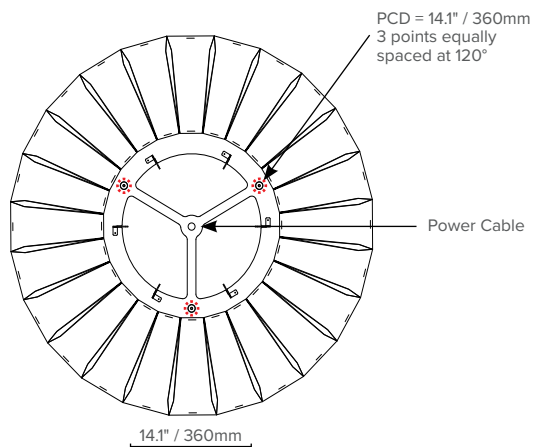
### SIDE VIEWS



MEDIUM



LARGE



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