

TYPE:

KEY FEATURES

- Ultra-sleek profile
- Highly effective sound absorption
- 4 lengths, 4 heights and a wide range of colors from PET and Wool ranges
- High performance dimmable LED light source
- Designed to easily create long runs
- Simple connector for easy onsite install of multiple lengths
- Height adjustable 9' / 3m suspension cables and Black woven power cable
- IES photometric files available
- Declare-listed

OPTIONAL EXTRAS

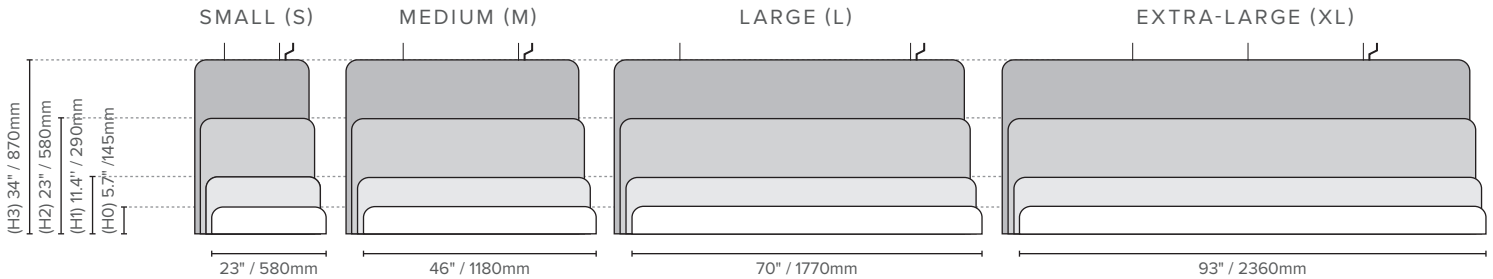
Additional options available upon request:

- POE
- Bluetooth controller (US & EU only)
- Tunable White output
- White canopy and power cord
- Custom sizes
- Additional colors



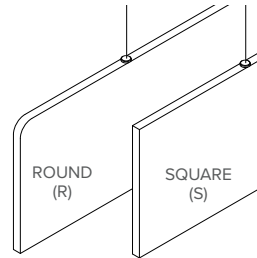
SIZE, OUTPUT AND WEIGHT

Drawings below are showing the round corner option (R). The square corner option (S) will have the exact same dimensions.



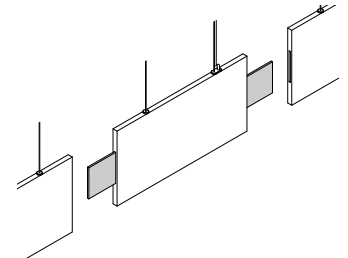
	SMALL	MEDIUM	LARGE	EXTRA LARGE
Delivered Lumens	453	965	1469	1973
Wattage	7.5	16	24	33
Efficacy	60.4 lm/W			
Weight	0.7, 1.5, 3, 4.5lbs 0.32, 0.75, 1.4, 2Kg	1.5, 3, 6, 9lbs 0.7, 1.4, 2.8, 4Kg	2.2, 4.5, 9, 13.5lbs 1, 2.1, 4.2, 6Kg	3, 6, 12, 18 lbs 1.4, 2.8, 5.6, 8 Kg

TOP CORNER OPTIONS



The Mixed (M) option will include one Round (R) top corner and one Square (S) top corner. This module is normally used as a start or an end of a continuous run

CONNECTING MECHANISM



Custom long runs can be easily created by connecting multiple standard size modules using Connectors

ORDER CODE

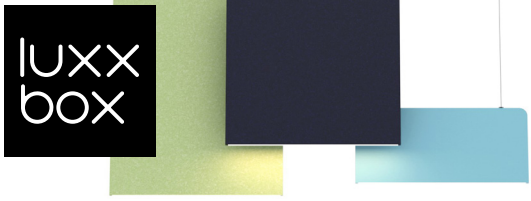
EXAMPLE: LX - BL - L - H2 - S - R - 40 - UNV - RD

(Luxxbox Blade, Large (70" / 1770mm), Height 2 (23" / 580mm), Square, Red, 4000K, Universal 110-277V / 0-10V 10% dimming, Remote driver)

LX - BL	LENGTH		HEIGHT		TOP CORNERS		COLOR	COLOR TEMP		REGION / DIMMING		DRIVER TYPE	
BL	S	23" / 580mm	H0	5.7" / 145mm	R	Round	Use color codes as shown on page 2	30	3000K	UNV	Universal 110 - 277V / 0 - 10V 10% dimming (North America only)	CD	Canopy concealed driver (UNV/North America only)
	M	46" / 1180mm	H1	11.4" / 290mm	S	Square		35	3500K				
	L	70" / 1770mm	H2	23" / 580mm	M	Mixed		40	4000K				
	XL	93" / 2360mm	H3	34" / 870mm				A*	Acoustic only				
										G	Global 220-240V 1% dimming DSI/DALI **	RD	Remote driver (UNV or G)

*For acoustic baffle only, specify A in the 'color temp' column and leave the remaining columns blank | ** Global (G) dimming type is available with Remote driver (RD) only

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BLADE (LX-BL)

TYPE: _____

AVAILABLE COLORS & PATTERNS

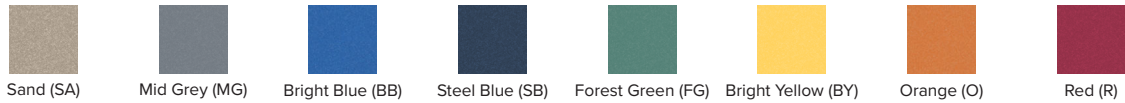
Colors are subject to lead times and variations across batches

SOLID PET COLOR OPTIONS

CORE



DESIGNER



CLASSIC WOOL COLOR OPTIONS

Only available for 'Basica' option

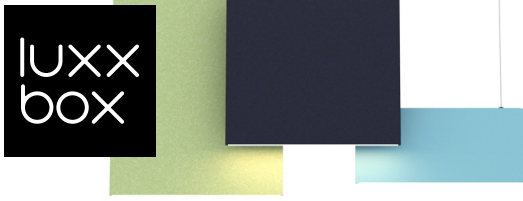


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BLADE (LX-BL)

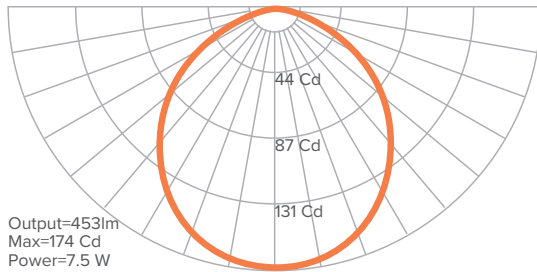
TYPE:

PHOTOMETRICS

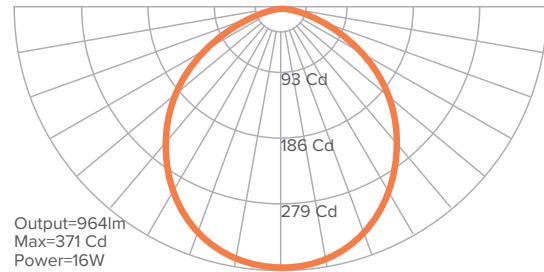
	SMALL (23" / 580mm long)	MEDIUM (46" / 1180mm long)	LARGE (70" / 1770mm long)	EXTRA LARGE (93" / 2360mm long)	Per ft	Per m
Delivered Lumen Output	453 lm	965 lm	1469 lm	1973 lm	255 lm/ft	836 lm/m
Wattage	7.5 W	16 W	24 W	33 W	4.2 W/ft	14 W/m
Efficacy	60.4 lm/W Source				60.4 lm/W Source	
CRI	90				90	
CCT	3000, 3500, 4000 K				3000, 3500, 4000 K	

LUMINOUS INTENSITY DISTRIBUTION

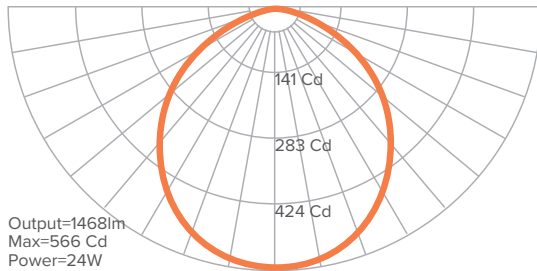
SMALL
DIRECT



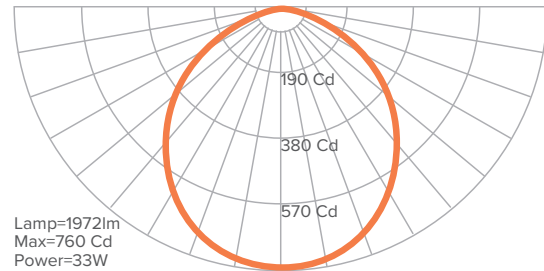
MEDIUM
DIRECT



LARGE
DIRECT



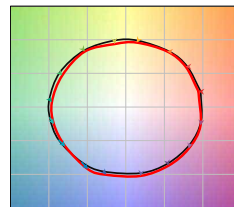
EXTRA LARGE
DIRECT



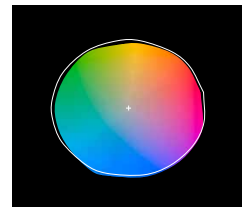
TM-30 METRICS

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

Fidelity Index (Rf)	88
Gamut Index (Rg)	98



COLOR VECTOR
GRAPHIC



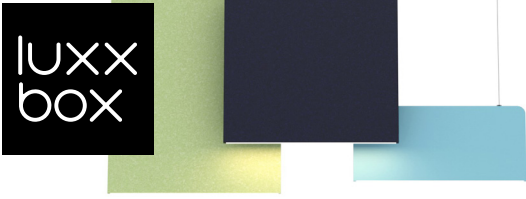
COLOR DISTORTION
GRAPHIC

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BLADE (LX-BL)

TYPE:

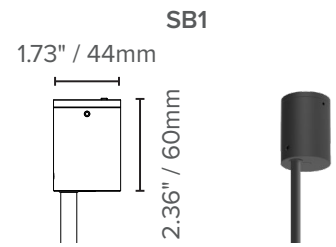
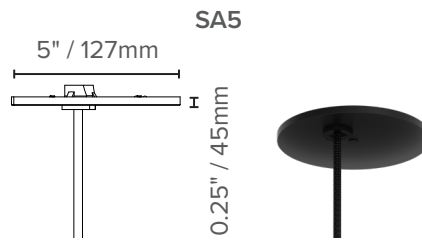
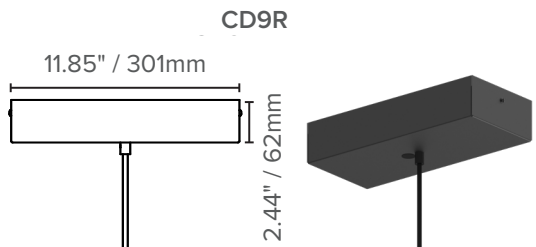
DRIVER INFORMATION

REGION/DIMMING	LENGTH	Output	MAX WATTAGE (W)	MAX VOLTAGE (V)	COMPLIANCE
UNIVERSAL (UNV) 0-10V - 1% dimming 110 - 277VAC <i>(North America only)</i>	SMALL	Direct (D)	7.5	24VDC	
	MEDIUM	Direct (D)	16		
	LARGE	Direct (D)	24		
	EXTRA LARGE	Direct (D)	33		
GLOBAL (G) 0-10V - 1% dimming 220 - 240VAC	SMALL	Direct (D)	7.5	24VDC	
	MEDIUM	Direct (D)	16		
	LARGE	Direct (D)	24		
	EXTRA LARGE	Direct (D)	33		

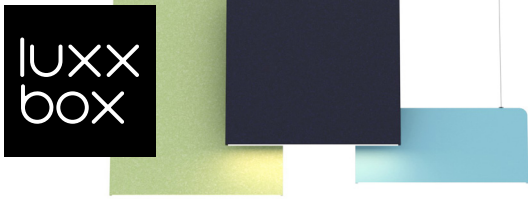
CANOPY INFORMATION

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

PRODUCT	SIZE	OUTPUT	UNIVERSAL (UNV)		GLOBAL (G)
			CD	RD	RD
LX-BL	ALL SIZES	D	CD9R	SA5	SB1



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BLADE (LX-BL)

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.

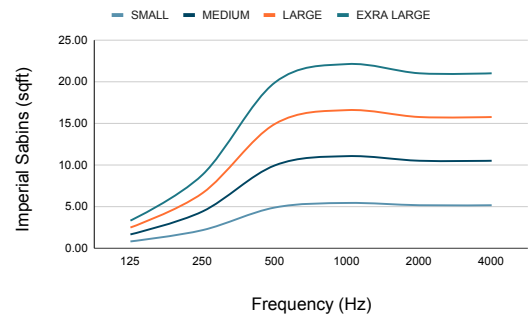
PRODUCT ACOUSTIC PROPERTIES

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

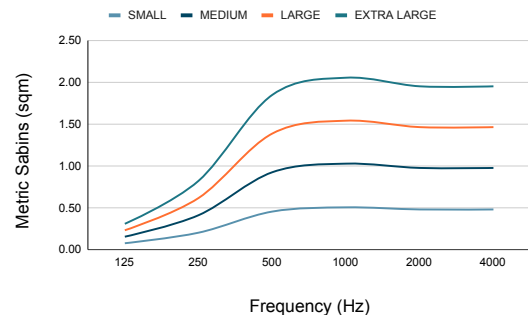
AS ISO 354-2006 (R2016)	Acoustics—Measurement of sound absorption in a reverberation room
AS ISO 11654—2002	Rating of sound absorption—Materials and systems
ASTM C423-17	Standard Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method
ASTM E795-16	Standard 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.

The data shown below refers to the testing of LX-BL-XL-H3, with a length of 93" (2360mm) and height of 34.2" (870mm). The data for sizes Large, Medium and Small was extrapolated from the results for size Extra Large. A fully detailed acoustic test report is available upon request.

IMPERIAL SABINS	H3 Height (34.6" / 870mm)			
Frequency (Hz)	S	M	L	XL
125	0.81	1.66	2.49	3.32
250	2.17	4.42	6.63	8.84
500	4.89	9.95	14.92	19.89
1000	5.43	11.05	16.58	22.10
2000	5.16	10.50	15.75	21.00
4000	5.16	10.50	15.75	21.00



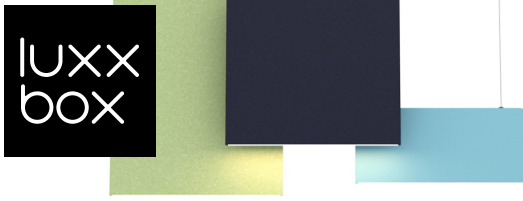
METRIC SABINS	H3 Height (34.6" / 870mm)			
Frequency (Hz)	S	M	L	XL
125	0.08	0.15	0.15	0.31
250	0.20	0.41	0.41	0.82
500	0.45	0.92	0.92	1.85
1000	0.50	1.03	1.03	2.05
2000	0.48	0.98	0.98	1.95
4000	0.48	0.98	0.98	1.95



The Sabin data shown here 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	0.75
SAA	0.75
aw	0.60
SAC	C

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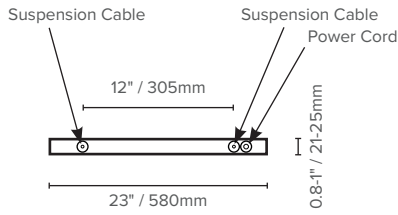
BLADE (LX-BL)

TYPE:

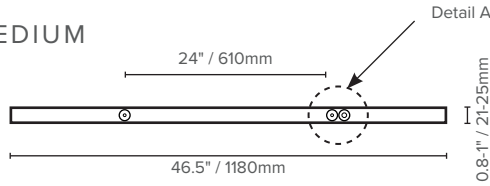
PRODUCT DIMENSIONS

TOP VIEWS

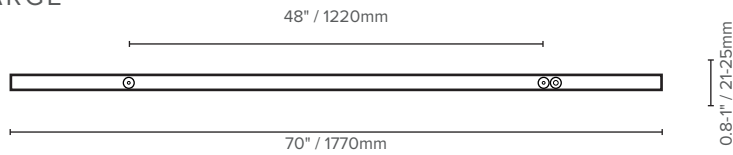
SMALL



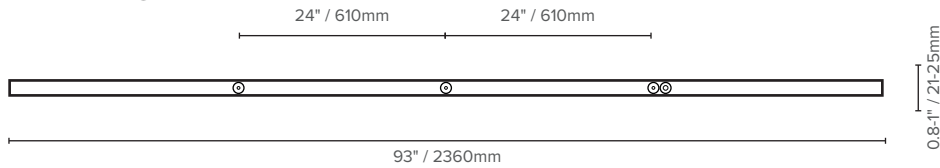
MEDIUM



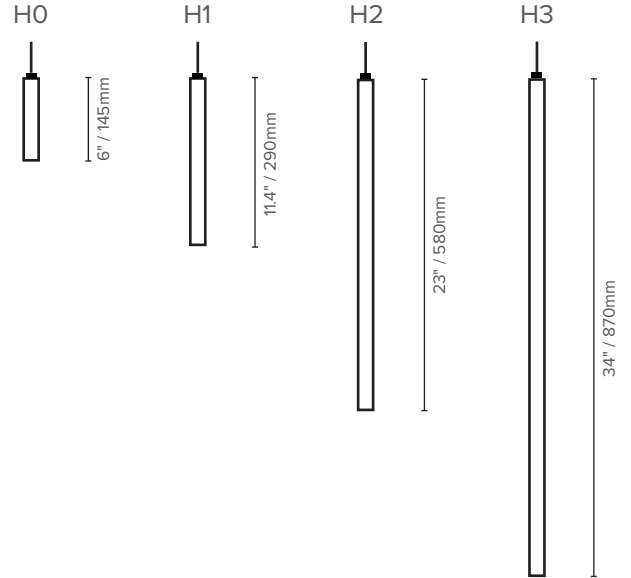
LARGE



EXTRA-LARGE



SIDE VIEWS

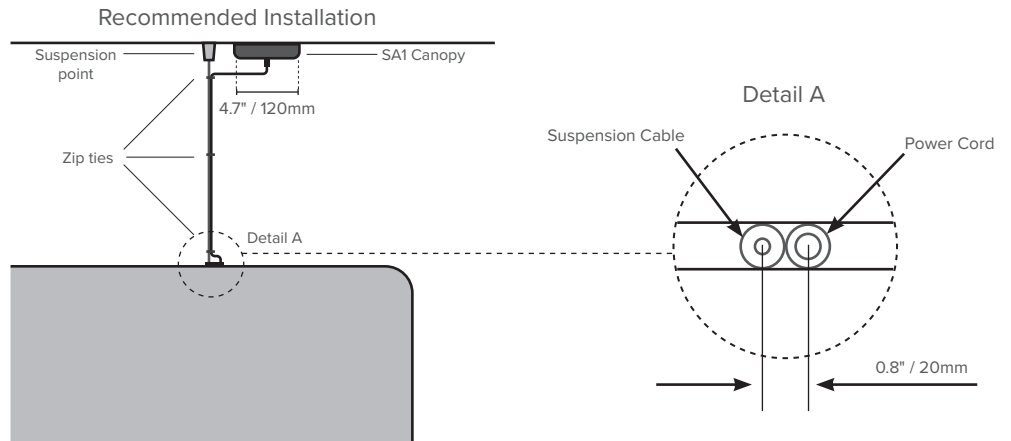


EXAMPLE: SUSPENSION - POWER

On the 'Detail A' diagram you can see the power cord will always exit the pendant through a hole located 20mm away from the suspension cable.

Canopies are not supplied with suspension points, so our recommended method of installation is shown on the diagram on the right.

You will find more detailed information about the canopy on page 3 or refer to the Installation Instructions at www.luxxbox.com.



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