

TYPE:

## KEY FEATURES

- Ultra-sleek profile
- Highly effective sound absorption
- 4 lengths, 4 heights and a wide range of colors from PET, Wool and Terrain 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

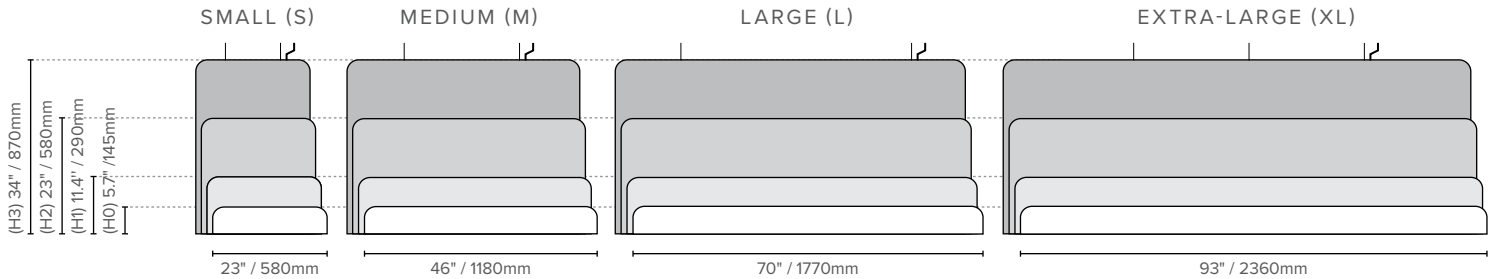
Additional options available upon request:

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

**Declare.** TERRAIN

## SIZE, OUTPUT AND WEIGHT

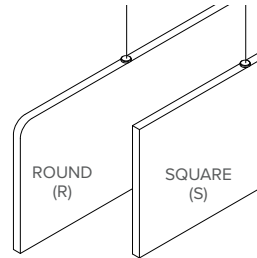
Drawings below are showing the round corner option (R). The square corner option (S) will have the exact same dimensions.



	SMALL			MEDIUM		
	Delivered Lumens	Wattage	Efficacy lm/W	Delivered Lumens	Wattage	Efficacy lm/W
Direct Output	453	7.5	60.4	965	16	60.4
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		

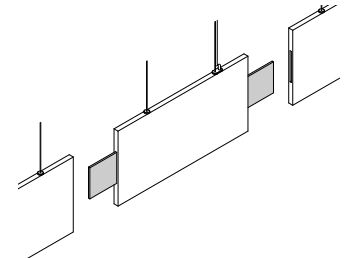
	LARGE			EXTRA LARGE		
	Delivered Lumens	Wattage	Efficacy lm/W	Delivered Lumens	Wattage	Efficacy lm/W
Direct Output	1469.	24	60.4	1973	33	60.4
Weight	2.2, 4.5, 9, 13.5lbs / 1, 2.1, 4.2, 6Kg			3, 6, 12, 18 lbs / 1.4, 2.8, 5.6, 8 Kg		

### 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

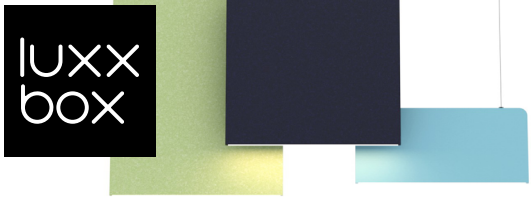
(Luxxbox Blade, Large (70" / 1770mm), Height 2 (23" / 580mm), Square, Red, 4000K, Universal 110-277V / 0-10V 10% dimming, Remote driver)

PRODUCT CODE	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	35 3500K	40 4000K	A* Acoustic only	UNV	Universal 110 - 277V / 0 - 10V 10% dimming (North America only)	G	Global 220-240V 1% dimming DSI/DALI **	CD	Canopy concealed driver (UNV/North America only)	
	M	46" / 1180mm	H1	11.4" / 290mm	S	Square												
	L	70" / 1770mm	H2	23" / 580mm	M	Mixed												
	XL	93" / 2360mm	H3	34" / 870mm														

\*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

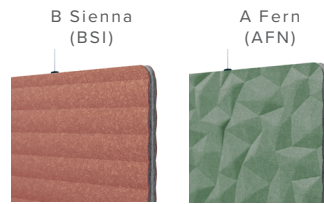
CORE



DESIGNER



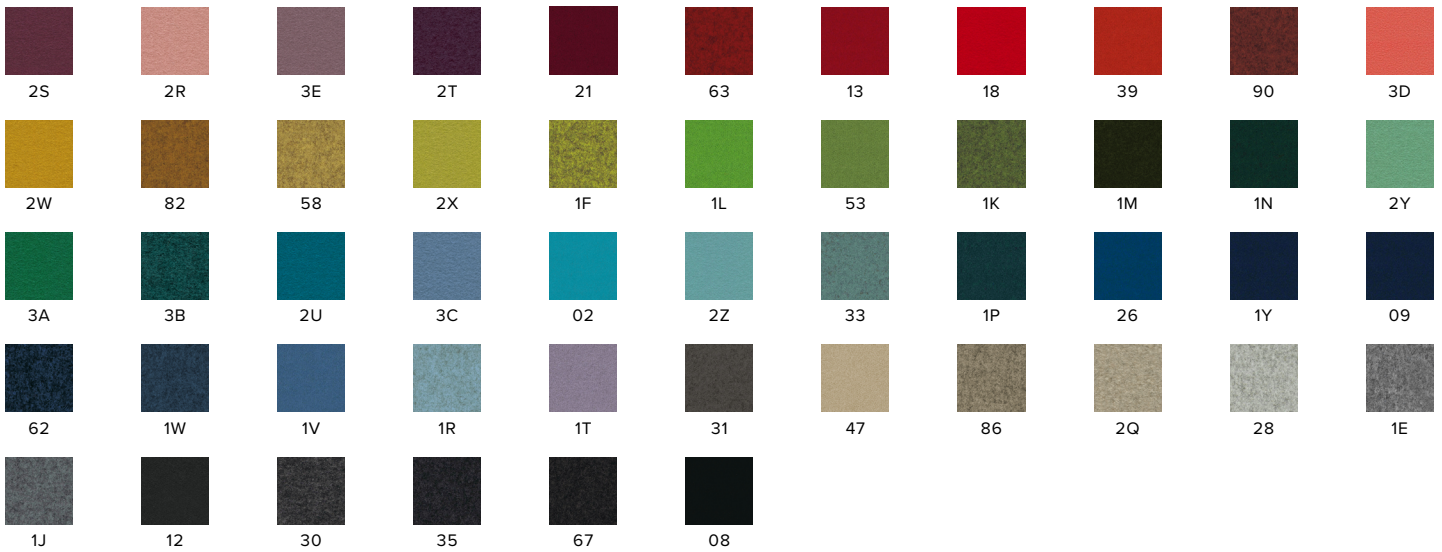
### TERRAIN



More color options are available on the Terrain spec sheet.

### CLASSIC WOOL COLOR OPTIONS

Only available for 'Basica' option

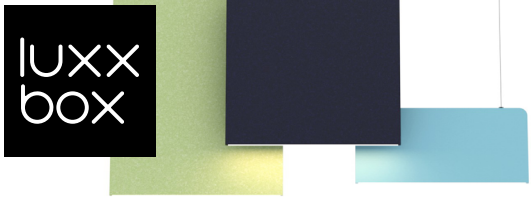


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# BLADE (LX-BL)

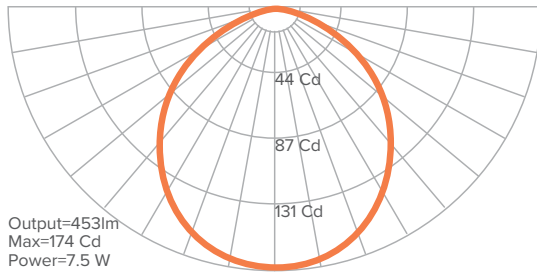
TYPE:

## PHOTOMETRICS

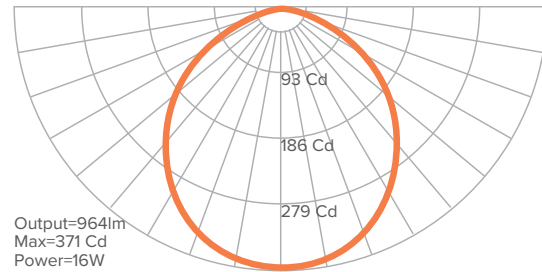
	SMALL (23" / 580mm long)	MEDIUM (46" / 1180mm long)	LARGE (70" / 1770mm long)	EXTRA LARGE (93" / 2360mm long)	Per ft	Per m
Delivered Lumen Output	453 lm	965 lm	1469 lm	1973 lm	255 lm/ft	836 lm/m
Wattage	7.5 W	16 W	24 W	33 W	4.2 W/ft	14 W/m
Efficacy	60.4 lm/W Source				60.4 lm/W Source	
CRI	90				90	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

## LUMINOUS INTENSITY DISTRIBUTION

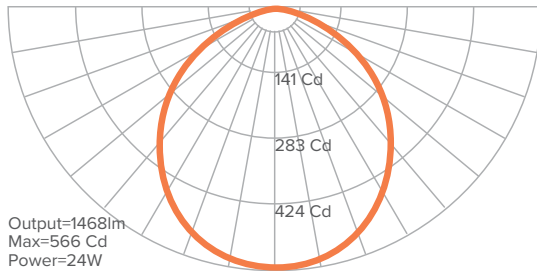
SMALL  
DIRECT



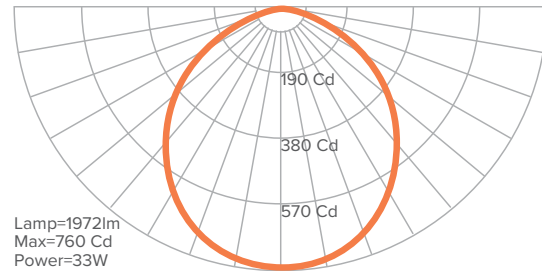
MEDIUM  
DIRECT



LARGE  
DIRECT



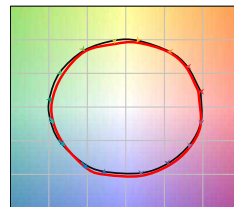
EXTRA LARGE  
DIRECT



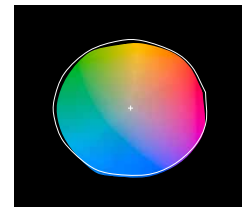
## TM-30 METRICS

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



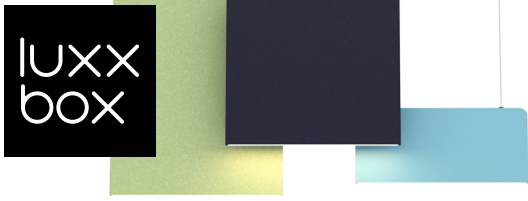
COLOR DISTORTION  
GRAPHIC

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# BLADE (LX-BL)

TYPE:

## DRIVER INFORMATION

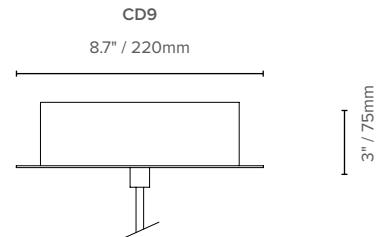
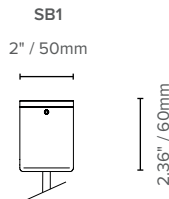
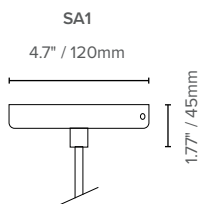
UNIVERSAL 110-277 VAC / 0-10V 10% DIMMING (North America only)				
Size	Output	Wattage	Voltage	Compliance
SMALL	D	7.5	24VDC	
MEDIUM	D	16		
LARGE	D	24		
EXTRA LARGE	D	33		

GLOBAL 220-240V 1% DIMMING DSI DALI				
Size	Output	Wattage	Voltage	Compliance
SMALL	D	7.5	24VDC	
MEDIUM	D	16		
LARGE	D	24		
ETXRA LARGE	D	33		

## 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	RD
LX-BL	ALL SIZES	D	SA1	CD9	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 <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.

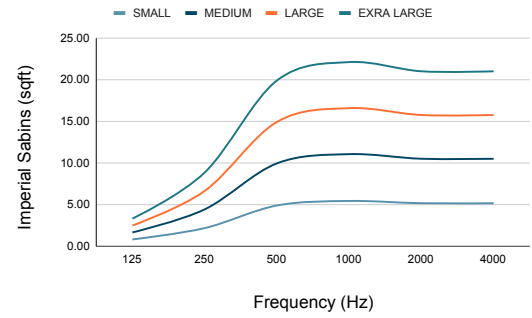
## PRODUCT ACOUSTIC PROPERTIES

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

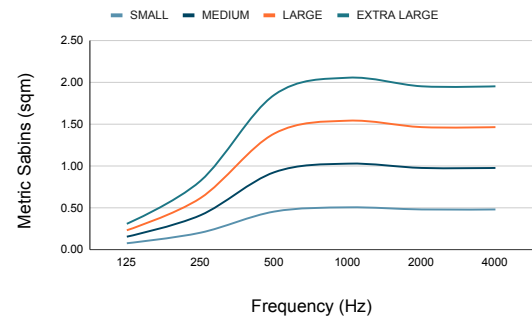
AS ISO 354-2006 (R2016)	Acoustics—Measurement of sound absorption in a reverberation room
AS ISO 11654—2002	Rating of sound absorption—Materials and systems
ASTM C423-17	Standard Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method
ASTM E795-16	Standard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

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

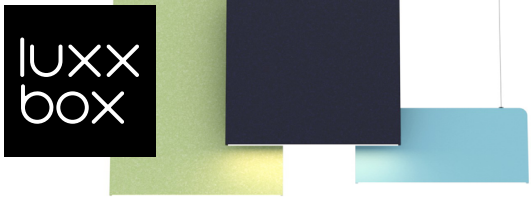


The Sabin data shown here is in accordance with the latest International Standards for the rating of sound absorption and reduction. This is different from the classic methodology, which includes the calculation of the Noise Reduction Coefficient (NRC), the Sound Absorption Average (SAA), the Weighted 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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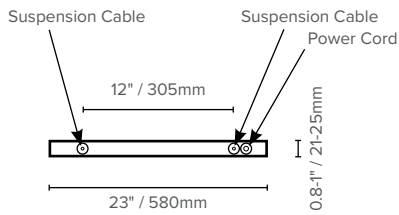
# BLADE (LX-BL)

TYPE:

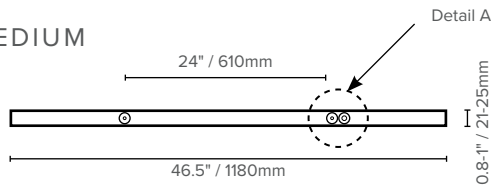
## PRODUCT DIMENSIONS

### TOP VIEWS

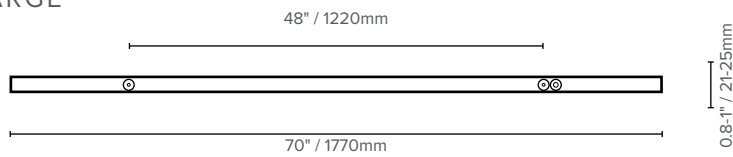
#### SMALL



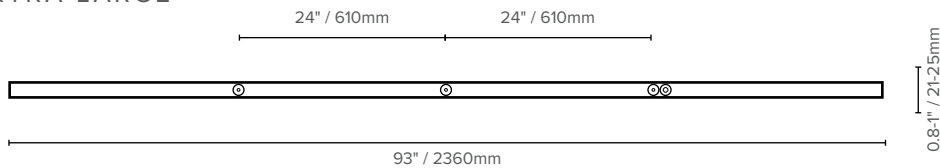
#### MEDIUM



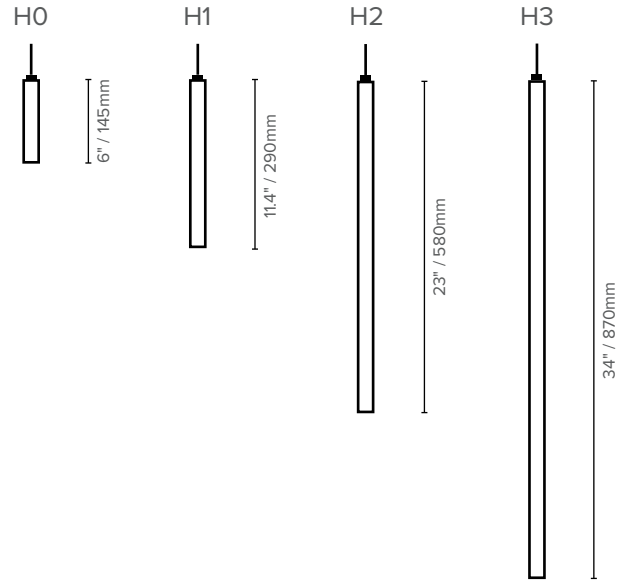
#### LARGE



#### EXTRA-LARGE



### SIDE VIEWS

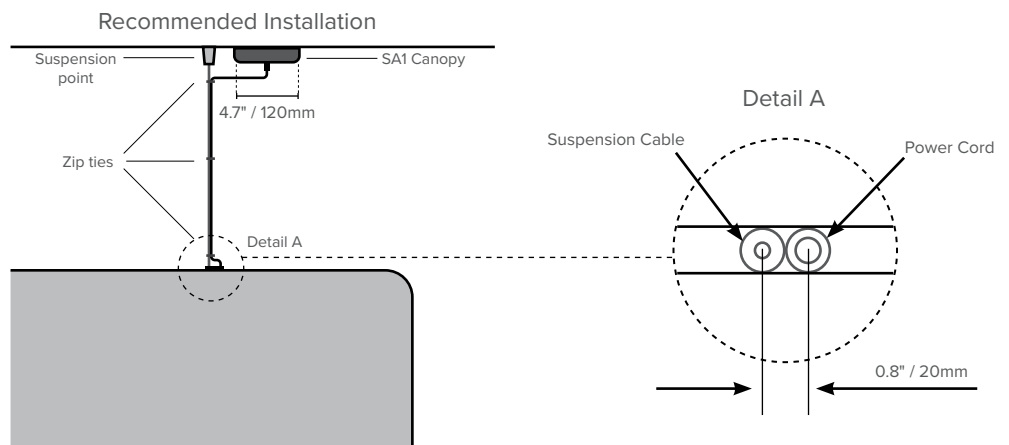


### EXAMPLE: SUSPENSION - POWER

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](http://www.luxxbox.com).



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