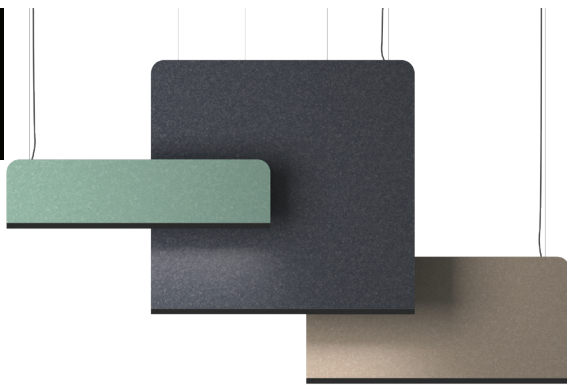




Declare.

BLADE (LX-BL)

TYPE: LX-BL-

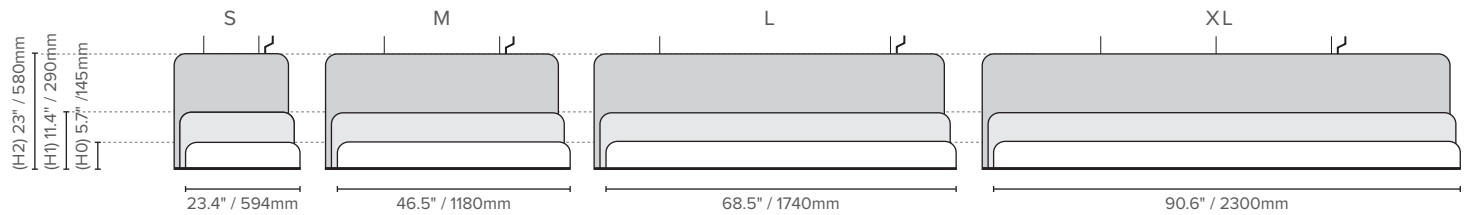
KEY FEATURES

- Ceiling baffle system and stand alone linear lights.
- Ultra-sleek profile
- Highly effective sound absorption
- 4 lengths, 3 heights and a wide range of colors from PET and Wool ranges
- High performance dimmable LED light source with two output options.
- Height adjustable 9' / 3m suspension cables and Black woven power cable
- IES / LDT photometric files available
- Declare-listed

OPTIONAL EXTRAS

- Additional options available upon request:
- 2700K CCT
 - Simple connector for easy onsite install of multiple lengths
 - Surface and T-Grid mounting
 - Custom sizes
 - POE
 - Bluetooth controller (US & EU)
 - Tunable White output
 - White canopy and power cord
 - BABA Act Certificate

SIZE, OUTPUT AND WEIGHT



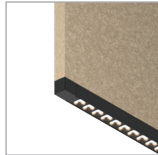
SLEEK PROFILE

Blade has a remarkably sleek 12mm profile across all lengths and heights.

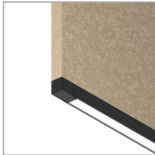
0.47\"/>

OPTICS

Louvered (DA)



Diffused (DB)



TOP CORNER OPTIONS

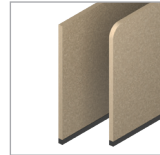
Round (R)



Square



Mixed



NOTE: The Mixed option includes 1x Round top corner and 1x Square top corner, useful for specifying connected modules

	S		M		L		XL	
	DA	DB	DA	DB	DA	DB	DA	DB
Beam Angle	60°	114°	60°	114°	60°	114°	60°	114°
Delivered Lumen Output	560 lm	436 lm	1080 lm	872 lm	1600 lm	1309 lm	2160 lm	1745 lm
Wattage (W)	7		13.5		20		27	
Efficacy (lm/W)	80	62.3	80	62.3	80	62.3	80	62.3
CRI	90+							
UGR	<6.2	<19	<6.2	<19	<6.2	<19	<6.2	<19
CCT	3000/3500/4000 K							
Weight	0.32, 0.75, 1.4 Kg 0.7, 1.5, 3 lbs		0.7, 1.4, 2.8 Kg 1.5, 3, 6 lbs		1, 2.1, 4.2 Kg 2.2, 4.5, 9 lbs		1.4, 2.8, 5.6 Kg 3, 6, 12 lbs	

PER METER / FOOT	
DA	DB
60°	114°
1000 lm/m 304 lm/ft	779 lm/m 238 lm/ft
12.5W/m - 3.8W/ft	
80	62.3
90+	
<6.2	<19
3000/3500/4000 K	
0.57, 1.2, 2.4 Kg/m 0.38, 0.78, 1.57 lbs/m	

ORDER CODE

EXAMPLE: LX - BL - M - H1 - SA - 40 - DA - G - RD

(Luxbox Blade, M Length (46.5\"/>

LX - BL															
PRODUCT CODE	LENGTH		HEIGHT		CORNERS		COLOR	COLOR TEMP		OUTPUT		REGION / DIMMING		DRIVER TYPE	
BL	S	594mm (23.4")	H0	145mm (5.7")	R	Round	Use color codes as shown on the next page	30	3000K	DA	Direct A	UNV G*	110-277V 0-10V - 1% dimming (North America) 220-240V 1% dimming DSI/DALI	CD	Canopy concealed driver (UNV/North America)
	M	1180mm (46.5")	H1	290mm (11.4")	S	Square		35	3500K	DB	Direct B (114°, diffused)			RD	Remote driver (UNV or G)
	L	1740mm (68.5")	H2	580mm (23")	M	Mixed		40	4000K						
	XL	2300mm (90.5")													

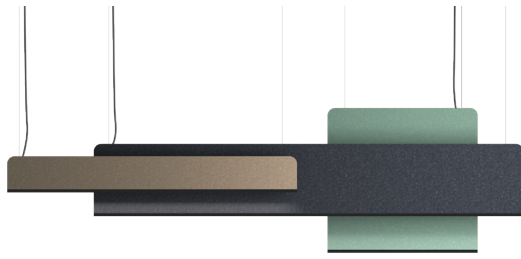
*Global (G) dimming type is available with Remote driver (RD) only

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BLADE (LX-BL)

TYPE: LX-BL-

AVAILABLE COLORS

PET	CORE							
		Off White (OV)	Light Grey (LG)	Light Blue (LB)	Dark Blue (DB)	Emerald Green (EG)	Charcoal (C)	Black (B)
	DESIGNER							
		Sand (SA)	Mid Grey (MG)	Terra (TR)	Espresso (ES)	Sage (SE)	Steel Blue (SB)	Ink (IN)
WOOL								
		Blush (BH)	Bright Blue (BB)	Forest Green (FG)	Bright Yellow (BY)	Orange (O)	Red (R)	
		4M	2T	4T	4C	3V	21	3W
		13	39	63	90	3P	3T	4Q
		4U	3S	82	4R	3M	58	2W
		4A	4D	2Q	1E	28	4W	1J
WOOL								
		1R	1V	1W	1P	1Y	12	67
		3Z	2U	2Z	3X	3B	4B	4S
		4P	09	26	62	1F	1K	1L
		3Y	3R	3A	4V	4F	4E	4G
		18	3N	4L	3L	4X	35	4H

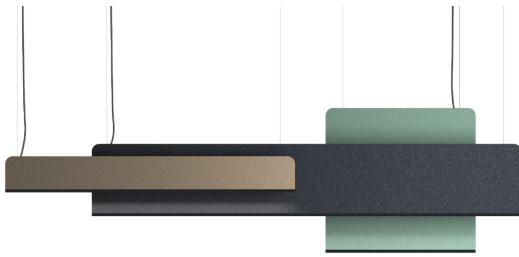
Colors are subject to lead times and variations across batches

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BLADE (LX-BL)

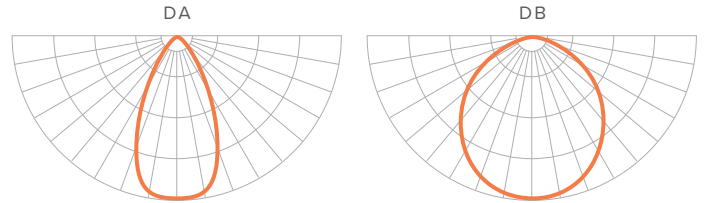
TYPE: LX-BL-

PHOTOMETRICS

LIGHT SOURCE SPECIFICATIONS - PER METER / FOOT

	DA	DB
Beam Angle	60°	114°
Delivered Lumen Output	1000 lm/m 304 lm/ft	779 lm/m 238 lm/ft
Wattage (W)	12.5W/m - 3.8W/ft	
Efficacy (lm/W)	80	62.3
CRI	90+	
UGR	<6.2	<19
CCT	3000/3500/4000 K	

LUMINOUS INTENSITY DISTRIBUTION



LIGHT SOURCE SPECIFICATIONS - SPECIFIC LENGTHS

	S		M		L		XL	
	DA	DB	DA	DB	DA	DB	DA	DB
Beam Angle	60°	114°	60°	114°	60°	114°	60°	114°
Delivered Lumen Output	560 lm	436 lm	1080 lm	872 lm	1600 lm	1309 lm	2160 lm	1745 lm
Wattage (W)	7		13.5		20		27	
Efficacy (lm/W)	80	62.3	80	62.3	80	62.3	80	62.3
CRI	90+							
UGR	<6.2	<19	<6.2	<19	<6.2	<19	<6.2	<19
CCT	3000/3500/4000 K							

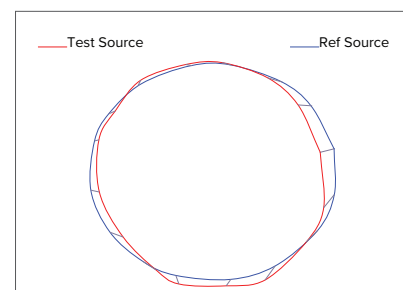
TM-30

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

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

	DA / DB
Fidelity Index (Rf)	88
Gamut Index (Rg)	98

COLOR VECTOR GRAPHIC



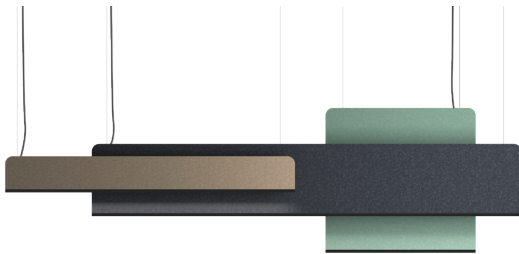
DA / DB

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BLADE (LX-BL)

TYPE: LX-BL-

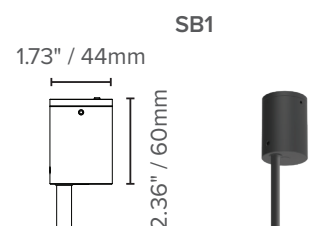
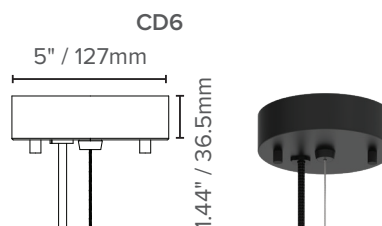
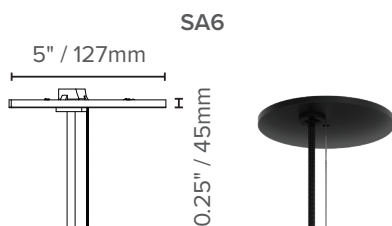
DRIVER INFORMATION

		WATTAGE	MAX VOLTAGE (V)	COMPLIANCE
		DA / DB		
UNIVERSAL (UNV) 0-10V - 1% dimming 110 - 277VAC (North America)	S	7W	10-55VDC	
	M	13.5W		
	L	20W		
	XL	27W		
GLOBAL (G) 1% dimming 220 - 240VAC DSI DALI	S	7W	6-52V	
	M	13.5W		
	L	20W		
	XL	27W		

CANOPY INFORMATION

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

		UNV		G
		RD	CD	RD
S	DA / DB	SA6	CD6	SB1
M	DA / DB	SA6	CD6	SB1
L	DA / DB	SA6	CD6	SB1
XL	DA / DB	SA6	CD6	SB1

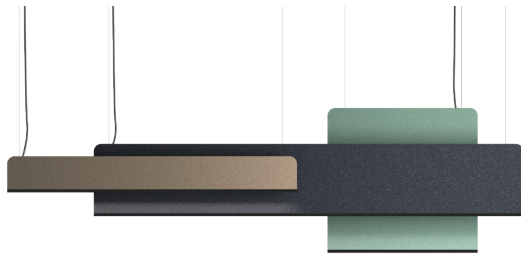


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BLADE (LX-BL)

TYPE: LX-BL-

MATERIAL SPECIFICATIONS

	WOOL	PET
COMPOSITION	100% Virgin Wool (Camira Blazer Wool)	100% polyester fiber (98% post-consumer recycled + 2% masterbatch)
COLOR FASTNESS TO LIGHT:	4-6 (ISO 105 - B02)	ISO 105-B02-1994 Rating: 6-7
FIRE TEST:	AS1530 Part 3, AS3837, ISO5660, BS EN 1021-1&2 Cigarette and Match, BS 7176 Low Hazard, UNI 9175 Classe 1	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:	Renewable, Compostable, certified to EU Ecolabel & Indoor Advantage™ Gold	PET: GreenTag Certification / GreenRate: Level A
SOUND ABSORPTION:	BS EN ISO 10534-2: 2001 / Sound Absorption Coefficient	AS ISO 354 – 2006 / Noise reduction coefficient (NRC) = 0.85
THERMAL TRANSITION:	ASTM C518-2010, R- Value = 0.30 m²K/W	
VOC EMISSIONS:	ASTM D5116 Rate: < 0.01 mg/m²/hr (7 days)	

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

ACOUSTIC PROPERTIES

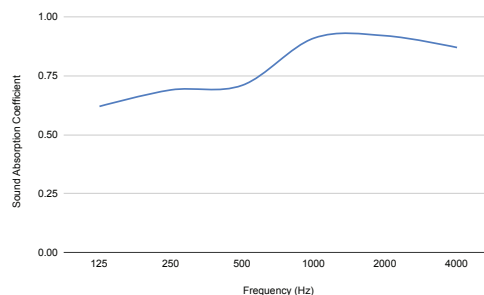
The Blade system functions both as an individual fixture or acoustic baffle and as a ceiling baffle system. Consequently, we present its acoustic data in two distinct ways.

This page details the acoustic performance of the 12mm thick acoustic PET felt material used for Blade. This data is especially relevant when utilizing the product as a ceiling baffle system. Detailed acoustic data for all standard lengths and heights will be found on the next page.

The acoustic properties are tested according to the following standards. A graph and table are provided below, illustrating the Sound Absorption Coefficients at various frequencies.

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.

Frequency (Hz)	Sound Absorption Coefficient
125	0.69
250	0.92
500	0.96
1000	0.76
2000	0.79
4000	0.74



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.

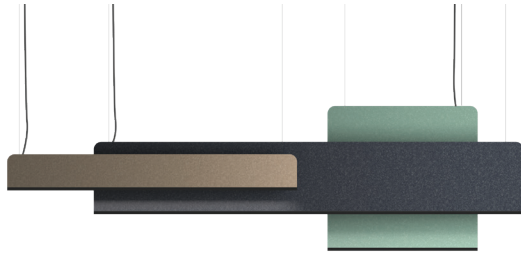
NRC	0.85
SAA	0.83
α_w	0.85

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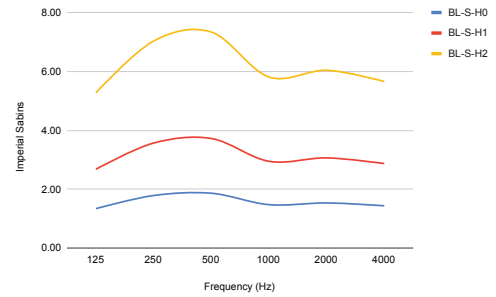
BLADE (LX-BL)

TYPE: LX-BL-

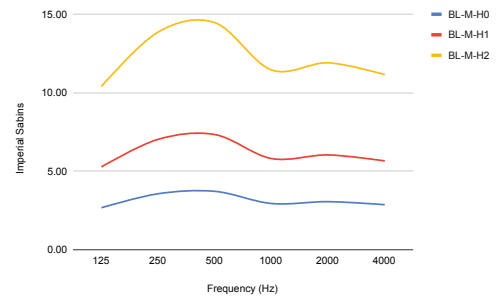
PRODUCT ACOUSTIC PROPERTIES - SABINS (FT²)

Acoustic data in imperial units for all standard lengths and heights is detailed below.

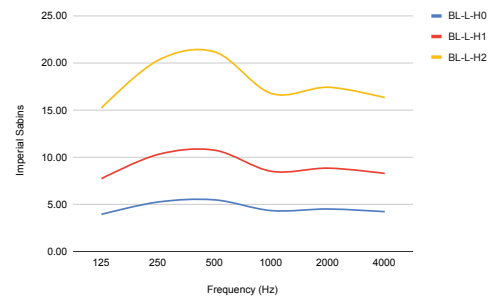
SABINS (FT ²)	Frequency (Hz)	Sound Absorption Coefficient	BL-S		
			H0	H1	H2
	125	0.69	1.34	2.67	5.27
	250	0.92	1.78	3.57	7.03
	500	0.96	1.86	3.72	7.34
	1000	0.76	1.47	2.95	5.81
	2000	0.79	1.53	3.06	6.04
	4000	0.74	1.43	2.87	5.66



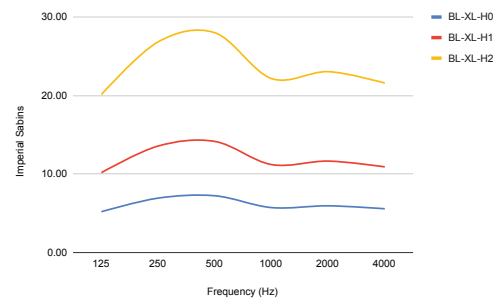
SABINS (FT ²)	Frequency (Hz)	Sound Absorption Coefficient	BL-M		
			H0	H1	H2
	125	0.69	2.67	5.27	10.40
	250	0.92	3.57	7.03	13.86
	500	0.96	3.72	7.34	14.47
	1000	0.76	2.95	5.81	11.45
	2000	0.79	3.06	6.04	11.90
	4000	0.74	2.87	5.66	11.15



SABINS (FT ²)	Frequency (Hz)	Sound Absorption Coefficient	BL-L		
			H0	H1	H2
	125	0.69	3.94	7.72	15.23
	250	0.92	5.25	10.30	20.30
	500	0.96	5.48	10.75	21.18
	1000	0.76	4.34	8.51	16.77
	2000	0.79	4.51	8.84	17.43
	4000	0.74	4.22	8.28	16.33



SABINS (FT ²)	Frequency (Hz)	Sound Absorption Coefficient	BL-XL		
			H0	H1	H2
	125	0.69	5.20	10.18	20.13
	250	0.92	6.93	13.57	26.84
	500	0.96	7.23	14.16	28.00
	1000	0.76	5.73	11.21	22.17
	2000	0.79	5.95	11.65	23.04
	4000	0.74	5.58	10.91	21.59

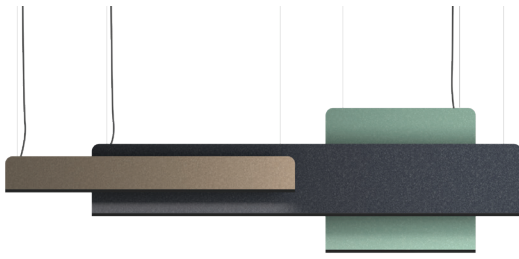


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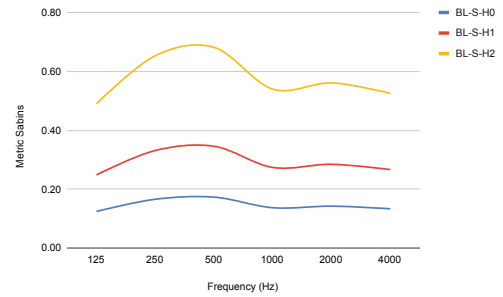
BLADE (LX-BL)

TYPE: LX-BL-

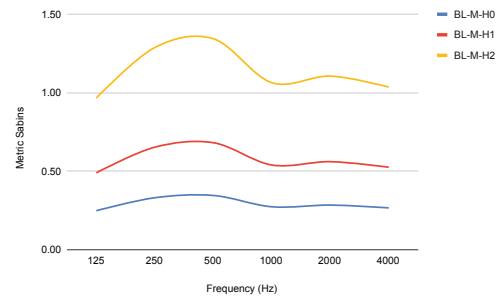
PRODUCT ACOUSTIC PROPERTIES - SABINS (M²)

Acoustic data in imperial units for all standard lengths and heights is detailed below.

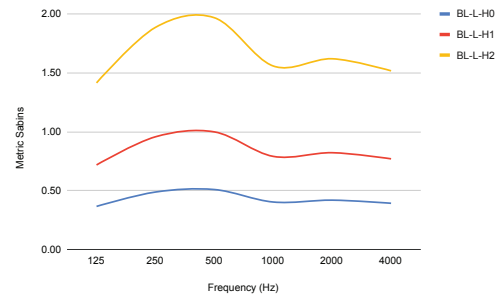
SABINS (M ²)	Frequency (Hz)	Sound Absorption Coefficient	BL-S		
			H0	H1	H2
	125	0.69	0.12	0.25	0.49
	250	0.92	0.17	0.33	0.65
	500	0.96	0.17	0.35	0.68
	1000	0.76	0.14	0.27	0.54
	2000	0.79	0.14	0.28	0.56
	4000	0.74	0.13	0.27	0.53



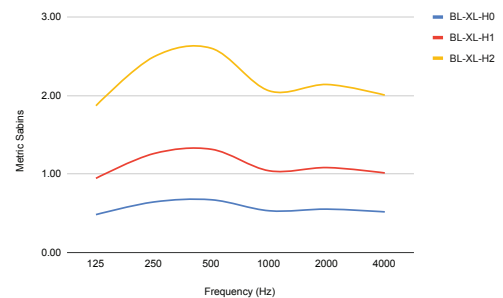
SABINS (M ²)	Frequency (Hz)	Sound Absorption Coefficient	BL-M		
			H0	H1	H2
	125	0.69	0.25	0.49	0.97
	250	0.92	0.33	0.65	1.29
	500	0.96	0.35	0.68	1.34
	1000	0.76	0.27	0.54	1.06
	2000	0.79	0.28	0.56	1.11
	4000	0.74	0.27	0.53	1.04



SABINS (M ²)	Frequency (Hz)	Sound Absorption Coefficient	BL-L		
			H0	H1	H2
	125	0.69	0.37	0.72	1.41
	250	0.92	0.49	0.96	1.89
	500	0.96	0.51	1.00	1.97
	1000	0.76	0.40	0.79	1.56
	2000	0.79	0.42	0.82	1.62
	4000	0.74	0.39	0.77	1.52



SABINS (M ²)	Frequency (Hz)	Sound Absorption Coefficient	BL-XL		
			H0	H1	H2
	125	0.69	0.48	0.95	1.87
	250	0.92	0.64	1.26	2.49
	500	0.96	0.67	1.32	2.60
	1000	0.76	0.53	1.04	2.06
	2000	0.79	0.55	1.08	2.14
	4000	0.74	0.52	1.01	2.01

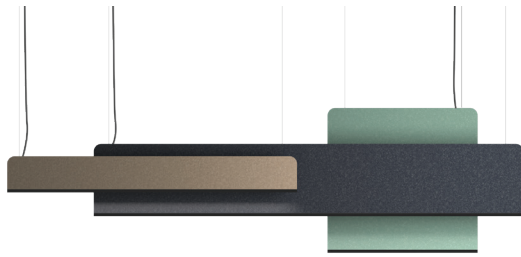


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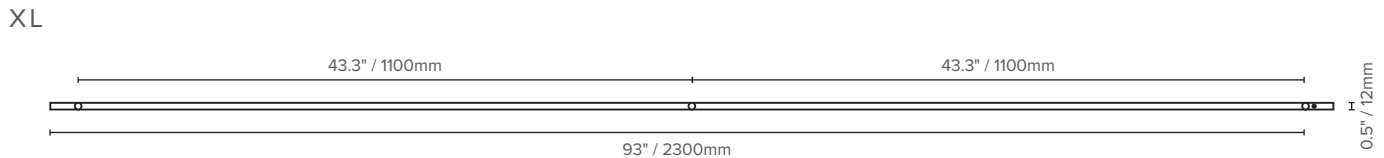
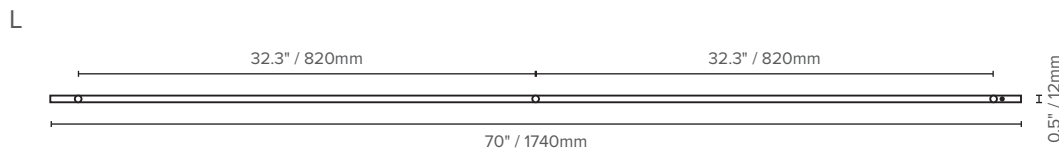
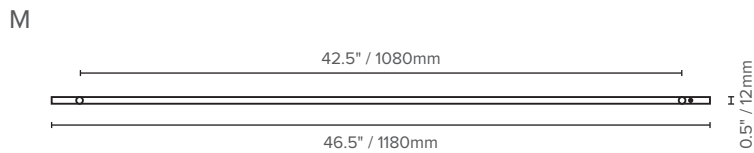
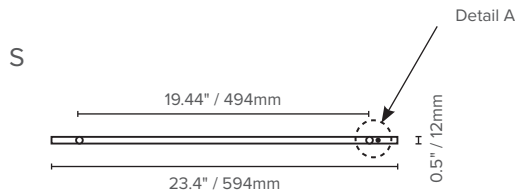


BLADE (LX-BL)

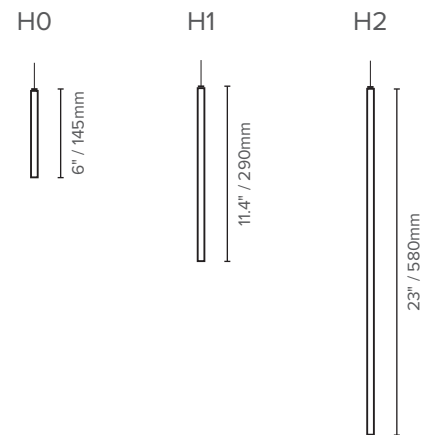
TYPE: LX-BL-

PRODUCT DIMENSIONS

TOP VIEWS



SIDE VIEWS

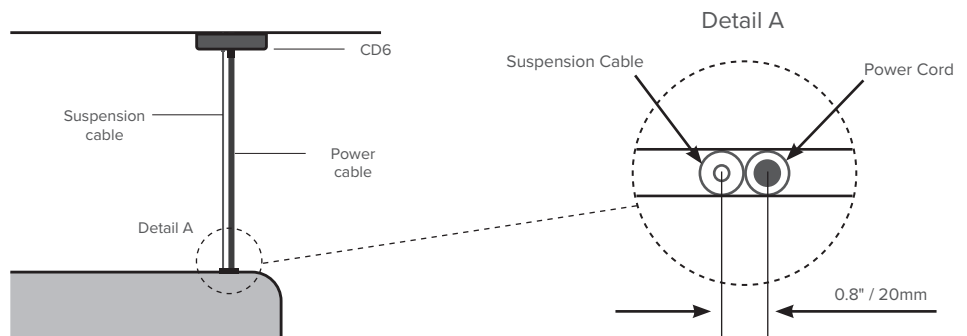


EXAMPLE: SUSPENSION - POWER

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 for this product are supplied with 1x suspension point, 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.



Luxxbox reserves the right to change the specification, material and colors at any time without notice. Standard warranty terms and conditions apply. All rights reserved © All dimensions and values on specification sheet are nominal. July 2026. LX-Blade-Spec-Sheet_A4 v10.3



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