

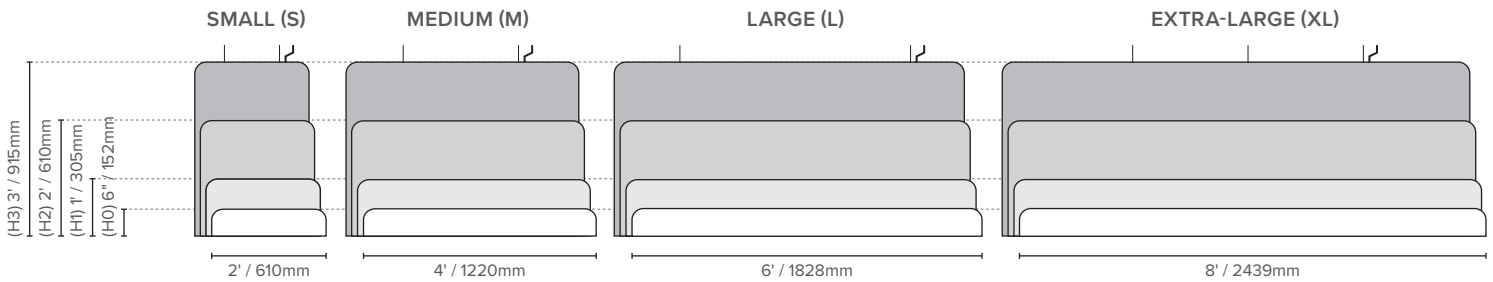
TYPE:

Slice through the sound for a more productive workplace with the Luxxbox Blade acoustic pendant. Available with or without striking LED illumination, Blade reduces up to 80% of reverberated noise in an open space for increased comfort and concentration. Available in more than 12 mesmerising colors, Blade can be customised to suit any interior space.

KEY BENEFITS

- Highly effective sound absorption
- Available in 4 lengths, 4 heights and a wide range of colors
- High performance dimmable LED light source
- Height adjustable 9' / 3m suspension cables
- 9' / 3m length of black woven power cable per fixture
- Acoustic panels are 100% recyclable and manufactured from 65% recycled material
- Casambi bluetooth available
- POE available on request
- IES photometric files available
- Custom sizes and additional color options available on request.

## SIZE AND WEIGHT



	SMALL			MEDIUM			LARGE			EXTRA LARGE		
Output	Source Lumens	Wattage	Efficacy lm/W	Source Lumens	Wattage	Efficacy lm/W	Source Lumens	Wattage	Efficacy lm/W	Source Lumens	Wattage	Efficacy lm/W
Direct	1089	10.6	103	2219	22.1	103	3377	33.6	103	4632	46.1	103
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		

## ORDER CODE

EXAMPLE: LX - BL - L - H2 - R - 40 - U - Y - SS - 1C

(Luxxbox Blade, Large (6' / 1828mm), Height 2 (2' / 610mm), Red, 4000K, Universal 120-277V / 0-10V dimming, Casambi bluetooth, Self specified drivers, 1 x C Driver)

LX - BL	LENGTH		HEIGHT		COLOR	COLOR TEMP	
BL	S	2' / 610mm	H0	6" / 152mm	Use color codes as shown on page 2	30	3000K
	M	4' / 1220mm	H1	1' / 305mm		35	3500K
	L	6' / 1828mm	H2	2' / 610mm		40	4000K
	XL	8' / 2439mm	H3	3' / 915mm		A*	Acoustic only

(\*For acoustic baffle only, specify A in the 'color temp' column and leave the remaining columns blank)

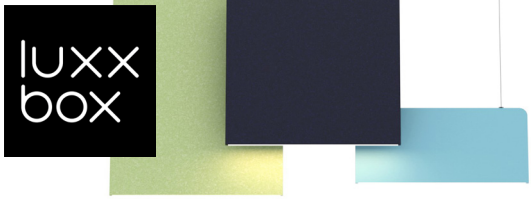
REGION / DIMMING		CASAMBI		DRIVER TYPE		DRIVER CODE / NUMBER
U	Universal 120 - 277V / 0 - 10V dimming (North America only)	Y	Yes	RD	Remote driver (One driver per fixture)	Use driver codes as shown on page 3. (Specify number of drivers alongside driver code eg: 2A, 1B, etc)
		N	No	CD	Canopy concealed driver (One driver per fixture)	
G	Global 220 - 240V DSI/ DALI			SS	Self specified remote drivers (Use next column to specify)	

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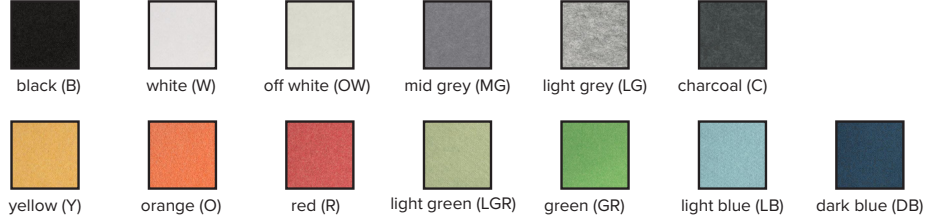
# BLADE (LX-BL)

TYPE:

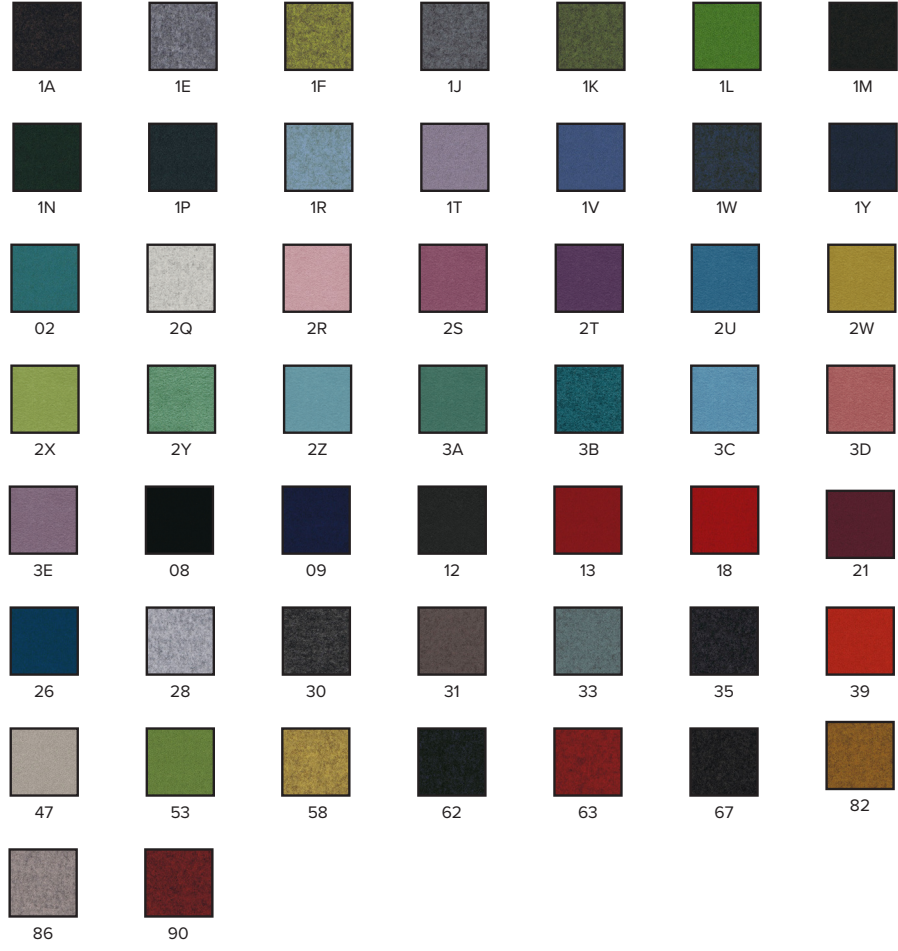
## AVAILABLE COLORS

Colors are subject to lead times and variations across batches

### SOLID PET COLOR OPTIONS



### CHARCOAL PET + CLASSIC WOOL COLOR OPTIONS



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# BLADE (LX-BL)

TYPE:

## PHOTOMETRICS

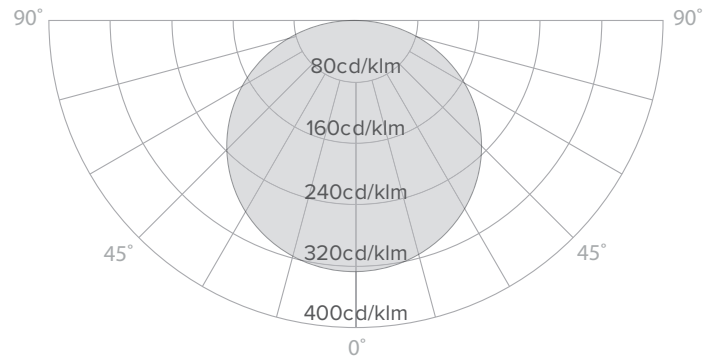
SMALL (2' / 610mm long)	
Source Lumen Output	1089 lm (240lm/ft - 1930lm/m)
Wattage	12 W (5.3W/ft - 19.2W/m)
Efficacy	96 lm/W Source
CRI	90
CCT	3000, 3500, 4000 K

MEDIUM (4' / 1220mm long)	
Source Lumen Output	2219 lm (240lm/ft - 1930lm/m)
Wattage	23 W (5.3W/ft - 19.2W/m)
Efficacy	96 lm/W Source
CRI	90
CCT	3000, 3500, 4000 K

LARGE (6' / 1828 mm long)	
Source Lumen Output	3377 lm (240lm/ft - 1930lm/m)
Wattage	35 W (5.3W/ft - 19.2W/m)
Efficacy	96 lm/W Source
CRI	90
CCT	3000, 3500, 4000 K

EXTRA LARGE (8' / 2439 mm long)	
Source Lumen Output	4632 lm (240lm/ft - 1930lm/m)
Wattage	47 W (5.3W/ft - 19.2W/m)
Efficacy	96 lm/W Source
CRI	90
CCT	3000, 3500, 4000 K

## LUMINOUS INTENSITY DISTRIBUTION



## DRIVER REQUIREMENTS

Calculate number of drivers required. Please note the maximum distance from luminaire to driver is 26ft/8m.

1. Determine fixture size(s) and quantity.
2. Calculate total power requirements (Wattage of fixture x quantity)
3. Using driver information table below, select appropriate driver model(s) and quantity based on Total Power Required. Ensure total wattage does not exceed 95 percent of driver wattage.

## EXAMPLES

Driver	Driver Code	Watts	Example Configurations
A	Meanwell HLG-40H-24B	40W	3 x Small Blades (3 x 12W) / 1 x Medium Blade (23 W) / 1 x Large Blade (35W)
B	Meanwell HLG-60H-24B	60W	4 x Small Blades (4 x 12W) / 2 x Medium Blades (2 x 23W) / 1 Extra Large Blade (47W)
C	Meanwell HLG-80H-24B	80W	6 x Small Blades (6 x 12W) / 3 x Medium Blades (3 x 23W) / 2 x Large Blades (2 x 35W)
D	Meanwell HLG-100H-24B	100W	7 x Small Blades (7 x 12W) / 4 x Medium Blades (4 x 23W) / 2 Extra Large Blades (2 x 47W)
E	Meanwell HLG-240H-24B	240W	18 x Small Blades (18 x 12W) / 9 x Medium Blades (9 x 23W) / 6 x Large Blades (6 x 35W) / 4 Extra Large Blades (4 x 47W)

\*More drivers available upon request

## DRIVER INFORMATION

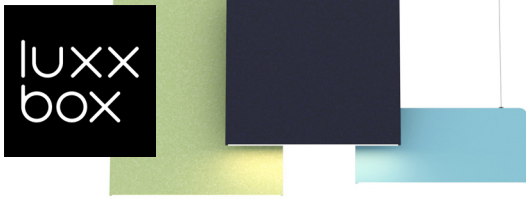
Driver	Driver Code	Input Voltage	Watts	Dimming Compatibility	Output	Remote Mounting Distance (18AWG)	Compliance
A	Meanwell HLG-40H-24B	110-277 VAC	40W	0-10VDC DALI version available	24V	8M / 26.2' Maximum from Source	SELV Class 2 CE C-UL US
B	Meanwell HLG-60H-24B	110-277 VAC	60W	0-10VDC DALI version available	24V	8M / 26.2' Maximum from Source	SELV Class 2 CE C-UL US
C	Meanwell HLG-80H-24B	110-277 VAC	80W	0-10VDC DALI version available	24V	8M / 26.2' Maximum from Source	SELV Class 2 CE C-UL US
D	Meanwell HLG-100H-24B	110-277 VAC	100W	0-10VDC DALI version available	24V	8M / 26.2' Maximum from Source	SELV Class 2 CE C-UL US
E	Meanwell HLG-240H-24B	110-277 VAC	240W	0-10VDC DALI version available	24V	8M / 26.2' Maximum from Source	SELV Class 2 CE C-UL US

\*More certifications upon request

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# BLADE (LX-BL)

TYPE:

## MATERIAL SPECIFICATIONS

	COLOR CODES: C, LG, MG	COLOR CODES: B, W, OW, DB, LB, G, LG, R, O, Y	CLASSIC WOOL COLOR CODES
COLOR FASTNESS TO LIGHT:	ISO 105-B02-1994 Rating: 6-7	ISO 105-B02-1994 Rating: 6-7	ISO 105-B02-1994 Rating: 6-7
FIRE TEST:	AS 1530.3 ISO 9705: Group 1 BS 476: Part 7 Class 2	AS ISO 9705 - 2003: Group 1 ISO 9705 - 1993: Group 1s ASTM E-84-14 (A, FS:0 - SD:45) BS EN13501-1:2007+A1:2009 (B-s1, d0)	AS1530 Part 3 ISO5660 BS EN 1021-1&2 Cigarette and Match BS 7176 Low Hazard UNI 9175 Classe 1
ENVIRONMENTAL:	PET achieves GreenTag Certification GreenRate: Level A	PET achieves GreenTag Certification GreenRate: Level A	PET achieves GreenTag Certification GreenRate: Level A EU Ecolabel Certificate
THERMAL TRANSITION:	ASTM C518-2010. R- Value = 0.30 m <sup>2</sup> K/W	ASTM C518-2010. R- Value = 0.30 m <sup>2</sup> K/W	ASTM C518-2010. R- Value = 0.30 m <sup>2</sup> K/W
SOUND ABSORPTION:	AS ISO 354 - 2006 Noise reduction coefficient (NRC) = 0.8	AS ISO 354 - 2006 Noise reduction coefficient (NRC) = 0.8	AS ISO 354 - 2006 Noise reduction coefficient (NRC) = 0.8
VOC EMISSIONS:	ASTM D5116 Rate: < 0.02 mg/m <sup>2</sup> /hr (7 days)	ASTM D5116 Rate: < 0.01 mg/m <sup>2</sup> /hr (7 days)	ASTM D5116 Rate: < 0.02 mg/m <sup>2</sup> /hr (7 days)

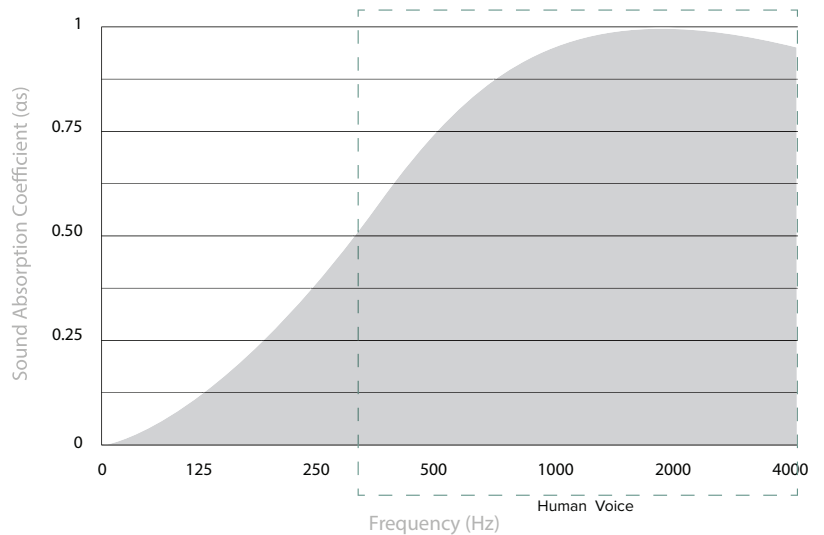
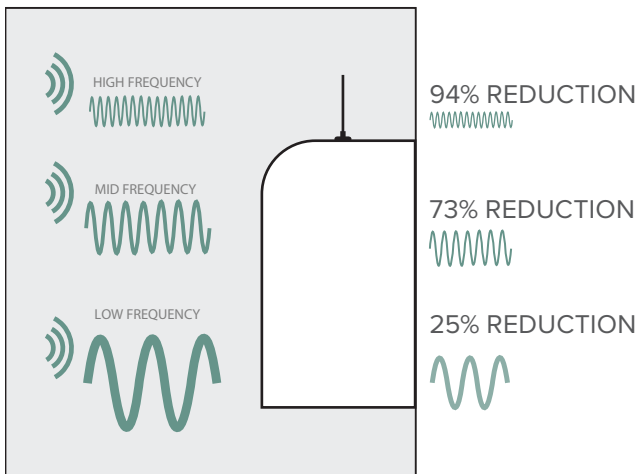
## PET ACOUSTIC PROPERTIES

Products are given a Noise Reduction Coefficient (NRC) from 0 to 1 based on their ability to absorb sound, where 1.0 equals 100% sound absorption. The NRC is used to calculate Sabin value of any surface material. The Sabin value equals the NRC multiplied by the total surface area in squared feet or squared metres.

	(H0) 6" / 152mm	(H1) 1' / 305mm	(H2) 2' / 610mm	(H3) 3' / 915mm
(S) 2' / 610mm	1.6 Sabins (imperial) / 0.15 Sabins (metric)	3.2 Sabins (imperial) / 0.3 Sabins (metric)	6.4 Sabins (imperial) / 0.6 Sabins (metric)	9.6 Sabins (imperial) / 0.9 Sabins (metric)
(M) 4' / 1220mm	3.2 Sabins (imperial) / 0.30 Sabins (metric)	6.4 Sabins (imperial) / 0.6 Sabins (metric)	12.8 Sabins (imperial) / 1.2 Sabins (metric)	19.2 Sabins (imperial) / 1.8 Sabins (metric)
(L) 6' / 1828mm	4.8 Sabins (imperial) / 0.45 Sabins (metric)	9.6 Sabins (imperial) / 0.9 Sabins (metric)	19.2 Sabins (imperial) / 1.8 Sabins (metric)	28.8 Sabins (imperial) / 2.7 Sabins (metric)
(XL) 8' / 2439mm	6.4 Sabins (imperial) / 0.6 Sabins (metric)	12.8 Sabins (imperial) / 1.2 Sabins (metric)	25.6 Sabins (imperial) / 2.4 Sabins (metric)	38.4 Sabins (imperial) / 3.6 Sabins (metric)

## ACOUSTIC PROPERTIES

Visualization of decibel decay across the Blade range. Effects of a 0.8 NRC across a range of frequencies.

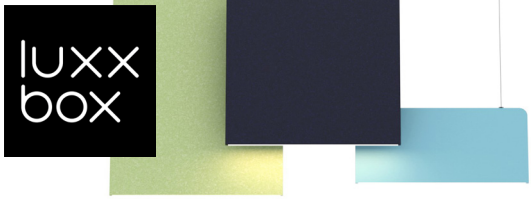


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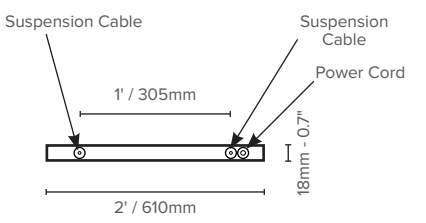
# BLADE (LX-BL)

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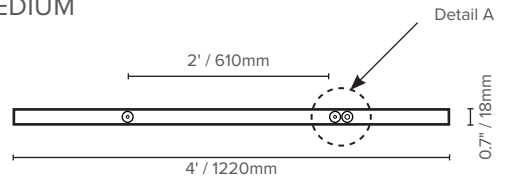
## PRODUCT DIMENSIONS

### TOP VIEWS

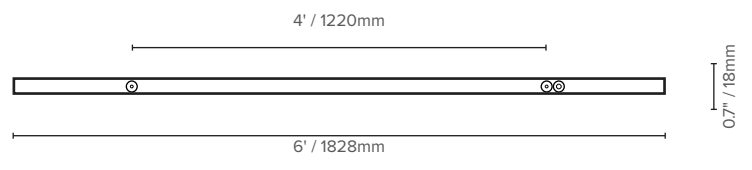
#### SMALL



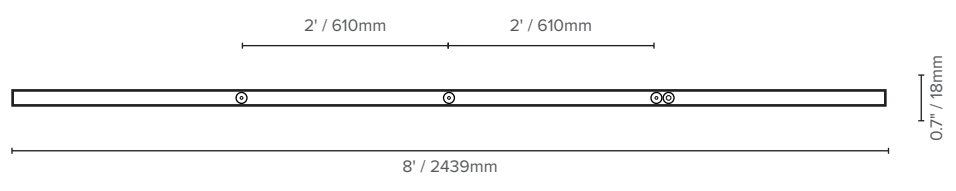
#### MEDIUM



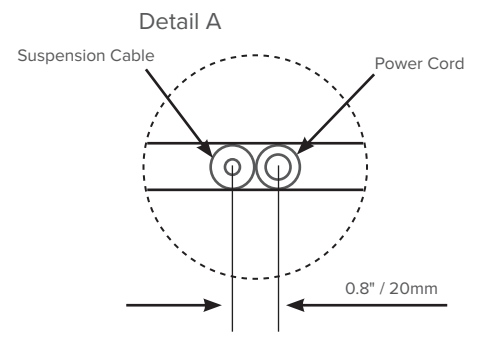
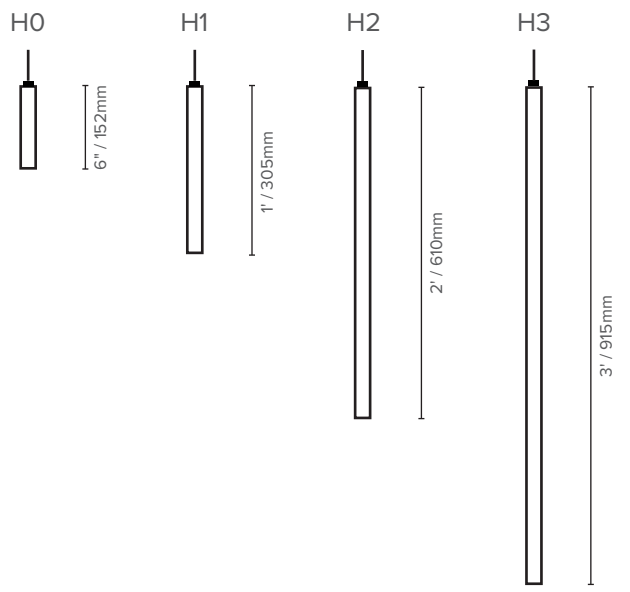
#### LARGE



#### EXTRA-LARGE



### SIDE VIEWS



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