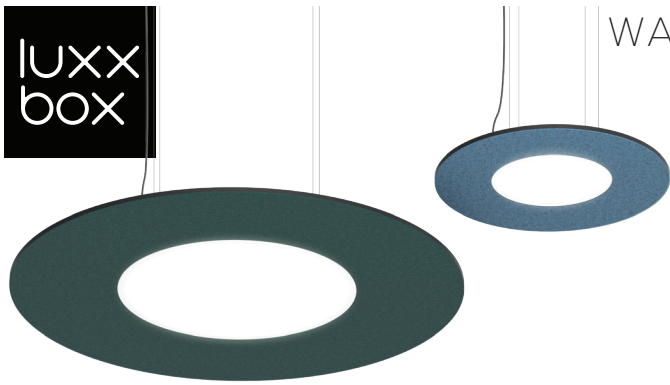




WAFFLE PENDANT DOWNLIT (LX-WPD)

TYPE: LX-WPD-

KEY FEATURES

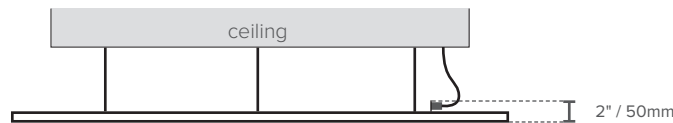
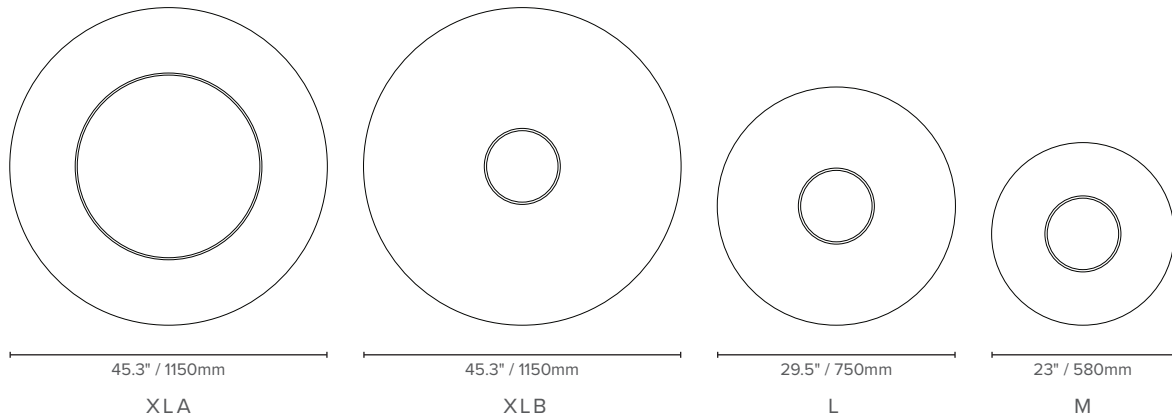
- A suspended acoustic baffle combined with a high-performance dimmable LED light source (Direct)
- Mix and match with Waffle Pendant Uplit and Waffle Acoustic Discs
- Ultra-sleek profile, perfect for low ceilings
- Highly effective sound absorption
- 4 sizes and a wide range of colors from PET and Wool ranges
- Height adjustable 9' / 3m suspension cables and Black woven power cable
- IES / LDT photometric files available

OPTIONAL EXTRAS

Additional options available upon request:

- 2700K CCT
- 0.1% dimming option
- Custom sizes
- POE
- Bluetooth controller (US & EU)
- Tunable White output
- White canopy and power cord
- BABA Act Certificate

SIZE, OUTPUT AND WEIGHT



	Beam Angle	Delivered Lumen Output	Wattage (W)	Efficacy (lm/W)	CRI	UGR	CCT	Weight
M	100°	1911 lm	23.8	80.3	90+	<19	3000K 3500K 400K	3Kg / 6.6lbs
L		1911 lm	23.8					4Kg / 8.8lbs
XLA		5133 lm	48.3					6Kg / 13.2lbs
XLB		1911 lm	23.8					5Kg / 11lbs

ORDER CODE

EXAMPLE: LX - WPD - L - 1N - 40 - G - RD

(Luxbox Waffle Pendant Downlit, Size L (Ø750mm / Ø29.5"), 1N wool color, 4000K, Global 220-240V 1% DSI/DALI dimming, Remote driver)

LX - WPD									
PRODUCT CODE	SIZE		COLOR	COLOR TEMP		REGION / DIMMING		DRIVER TYPE	
WPD	M	Ø580mm / Ø23"	Use color codes as shown on pg. 2	30	3000K	UNV	110-277V 0-10V - 1% dimming (North America)	CD	Canopy concealed driver (UNV/North America)
	L	Ø750mm / Ø29.5"		35	3500K	G*	220-240V 1% dimming DSI/DALI	RD	Remote driver (UNV or G)
	XLA	Ø1150mm / Ø45.3"		40	4000K				
	XLB	Ø1150mm / Ø45.3"							

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

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WAFFLE PENDANT DOWNLIT (LX-WPD)

TYPE: LX-WPD-

AVAILABLE COLORS

CORE							
	Off White (OW)	Light Grey (LG)	Light Blue (LB)	Dark Blue (DB)	Emerald Green (EG)	Charcoal (C)	Black (B)
DESIGNER							
	Blush (BH)	Sand (SA)	Mid Grey (MG)	Terra (TR)	Espresso (ES)	Steel Blue (SB)	Ink (IN)
	Bright Blue (BB)	Forest Green (FG)	Bright Yellow (BY)	Orange (O)	Red (R)		

4M	2T	4T	4C	3V	21	3W	3Q	4N	18
13	39	63	90	3P	3T	4Q	3N	4L	3L
4U	3S	82	4R	3M	58	2W	47	86	4X
4A	4D	2Q	1E	28	4W	1J	31	30	35
1R	1V	1W	1P	1Y	12	67	08	02	4H
3Z	2U	2Z	3X	3B	4B	4S	4K	33	4J
4P	09	26	62	1F	1K	1L	53	3U	1N
							NOTE: For Wool options, the core material will always be in PET colour Charcoal (C). Colors are subject to lead times and variations across batches		
3Y	3R	3A	4V	4F	4E	4G			

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WAFFLE PENDANT DOWNLIT (LX-WPD)

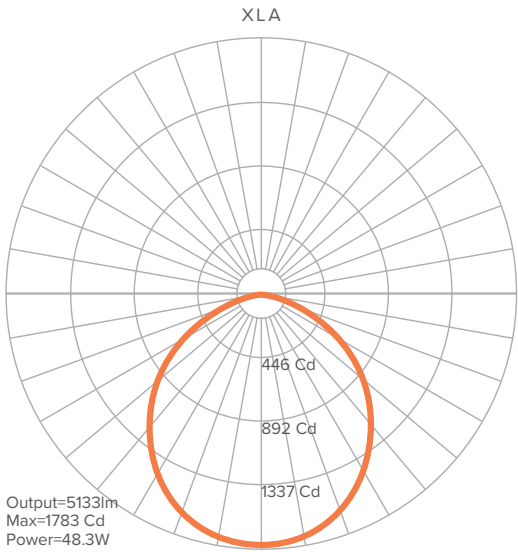
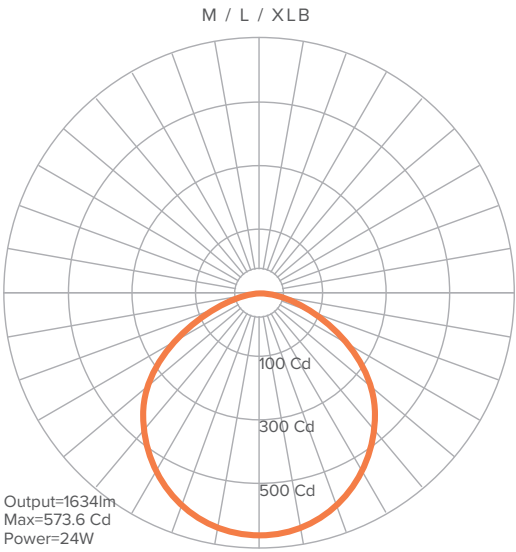
TYPE: LX-WPD-

PHOTOMETRICS

LIGHT SOURCE SPECIFICATIONS

	Beam Angle	Delivered Lumen Output	Wattage (W)	Efficacy (lm/W)	CRI	UGR	CCT
M	100°	1911 lm	23.8	80.3	90+	<19	3000K 3500K 400K
L		1911 lm	23.8				
XLA		5133 lm	48.3				
XLB		1911 lm	23.8				

LUMINOUS INTENSITY DISTRIBUTION

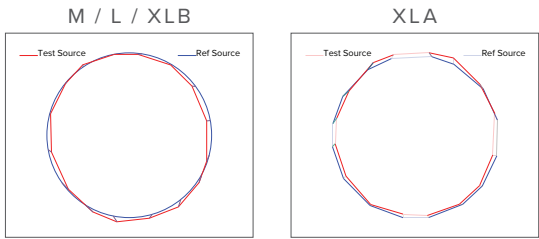


TM-30

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

	S	L
Fidelity Index (Rf)	87	88
Gamut Index (Rg)	96	97

COLOR VECTOR GRAPHIC



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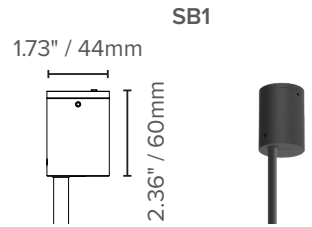
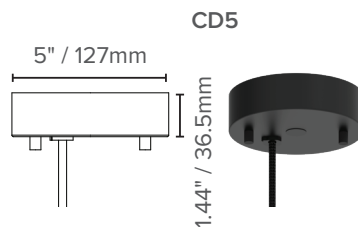
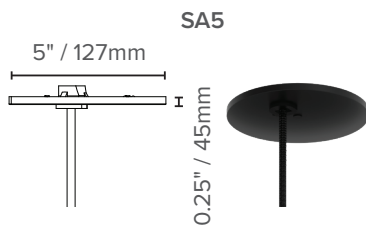
DRIVER INFORMATION

		WATTAGE	MAX VOLTAGE (V)	COMPLIANCE
UNIVERSAL (UNV) 0-10V - 1% dimming 110 - 277VAC (North America)	M	23.8W	10-55VDC	
	L	23.8W		
	XLA	48.3W		
	XLB	23.8W		
GLOBAL (G) 1% dimming 220 - 240VAC DSI DALI	M	23.8W	6-52V	
	L	23.8W		
	XLA	48.3		
	XLB	23.8W		

CANOPY INFORMATION

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

	UNV		G
	RD	CD	RD
M / L / XLA / XLB	SA5	CD5	SB1



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WAFFLE PENDANT DOWNLIT (LX-WPD)

TYPE: LX-WPD-

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	UL Greenguard GOLD / GRS 4.0 by Intertek
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.

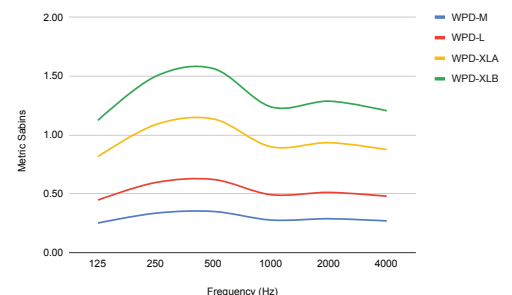
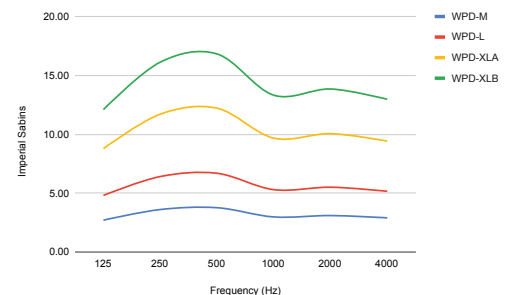
PRODUCT ACOUSTIC PROPERTIES

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.

SABINS (FT²)	Frequency (Hz)	Sound Absorption Coefficient	M	L	XLA	XLB
	125	0.69	2.70	4.81	8.78	12.09
	250	0.92	3.60	6.41	11.71	16.12
	500	0.96	3.76	6.69	12.21	16.82
	1000	0.76	2.98	5.29	9.67	13.32
	2000	0.79	3.10	5.50	10.05	13.84
	4000	0.74	2.90	5.15	9.41	12.97

SABINS (M²)	Frequency (Hz)	Sound Absorption Coefficient	M	L	XLA	XLB
	125	0.69	0.25	0.45	0.82	1.12
	250	0.92	0.33	0.60	1.09	1.50
	500	0.96	0.35	0.62	1.13	1.56
	1000	0.76	0.28	0.49	0.90	1.24
	2000	0.79	0.29	0.51	0.93	1.29
	4000	0.74	0.27	0.48	0.87	1.20



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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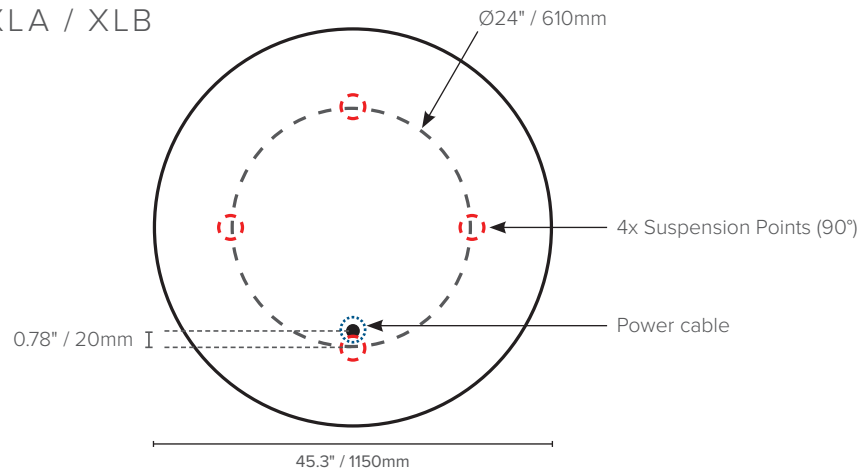
WAFFLE PENDANT DOWNLIT (LX-WPD)

TYPE: LX-WPD-

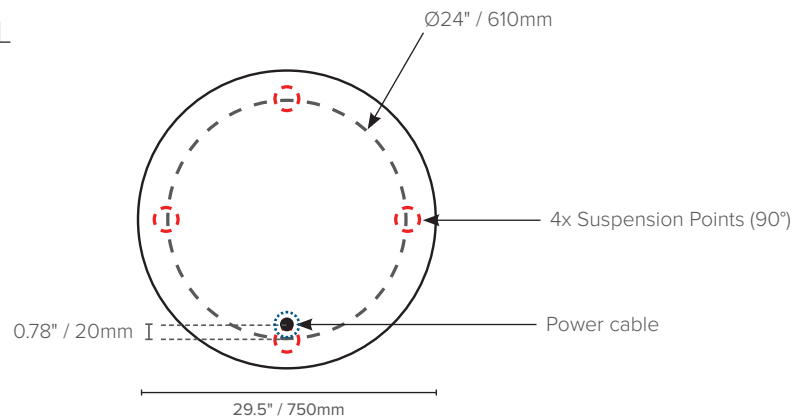
PRODUCT DIMENSIONS

TOP VIEWS

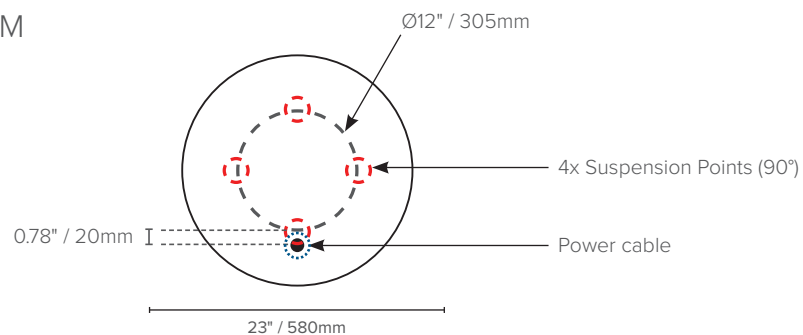
XLA / XLB



L



M



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