



HEMII (LX-HI)

TYPE: LX-HI-

KEY FEATURES

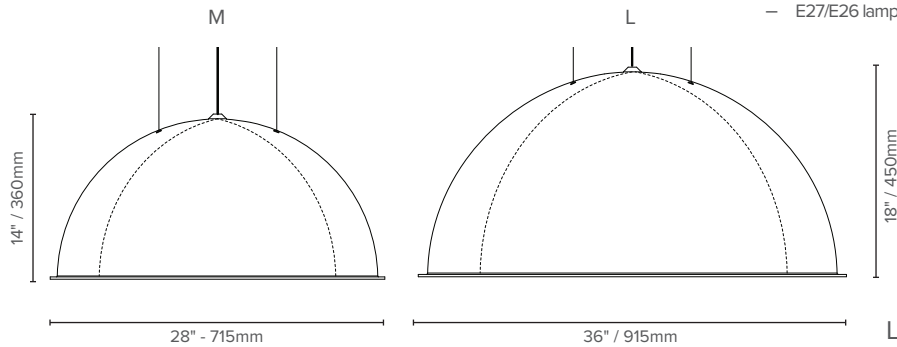
- High-performance lumen output
- A minimalistic design that blends seamlessly into any space
- Thermo-formed felt shell manufactured from recycled plastics
- Hand-upholstered exterior from rapidly renewable and biodegradable wool
- UGR<19
- Highly effective noise absorption
- 3 sizes and 77 wool colors
- 9' / 2.740mm length of black woven power cable per fixture
- IES / LDT photometric files available
- E27/E26 lamp holder option

OPTIONAL EXTRAS

Additional options available upon request:

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

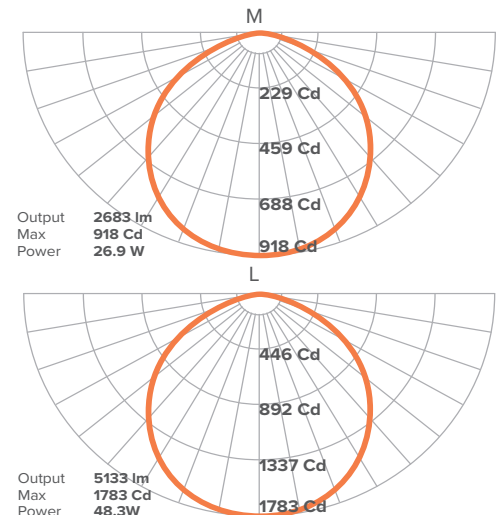
SIZE, OUTPUT AND WEIGHT



	M	L
Delivered Lumen Output	2683 lm	5133 lm
Wattage	26.9 W	48.3 W
Efficacy	99.8 lm/W	106.3 lm/W
CRI	90+	
UGR	<19	
Beam Angle	100°	
CCT	3000, 3500, 4000 K	
Weight	19.8lbs / 9Kg	24.2lbs / 11Kg



LUMINOUS INTENSITY DISTRIBUTION



ORDER CODE

EXAMPLE: LX - HI - M - 1N - 40 - G - RD

(Luxbox Hemii, Size M (28" x 14" / 715mm x 360mm), Wool option 1N, 4000K, Global 220-240V 1% dimming DSi/DALI, Remote driver)

EXAMPLE: LX - HH - M - 1N - E27

(Luxbox Hemii, Size M (28" x 14" / 715mm x 360mm), Wool option 1N, with an E27 lamp holder)

LX - HI									
PRODUCT CODE	SIZE		SHADE COLOR	COLOR TEMP		DRIVER / DIMMING		DRIVER TYPE	
HI	M	28" x 14" (715 x 360mm)	Use color codes as shown on pg. 2	30	3000K	UNV	0 - 10V - 1% dimming (120-277V) (North America)	CD	Canopy concealed driver (UNV/North America)
	L	36" x 18" (915 x 450mm)		35	3500K	G	1% dimming DSI/DALI (220 - 240V)**	RD	Remote driver (UNV or G)
		40		4000K					
		*E26		E26 Lamp holder - 120V AC (North America)					
			*E27	E27 Lamp holder - 220-240V AC (Global)					

* Please note the globe or driver will not be supplied with the E26/E27 option for this fixture. | ** Global (G) dimming type is available with Remote driver (RD) only

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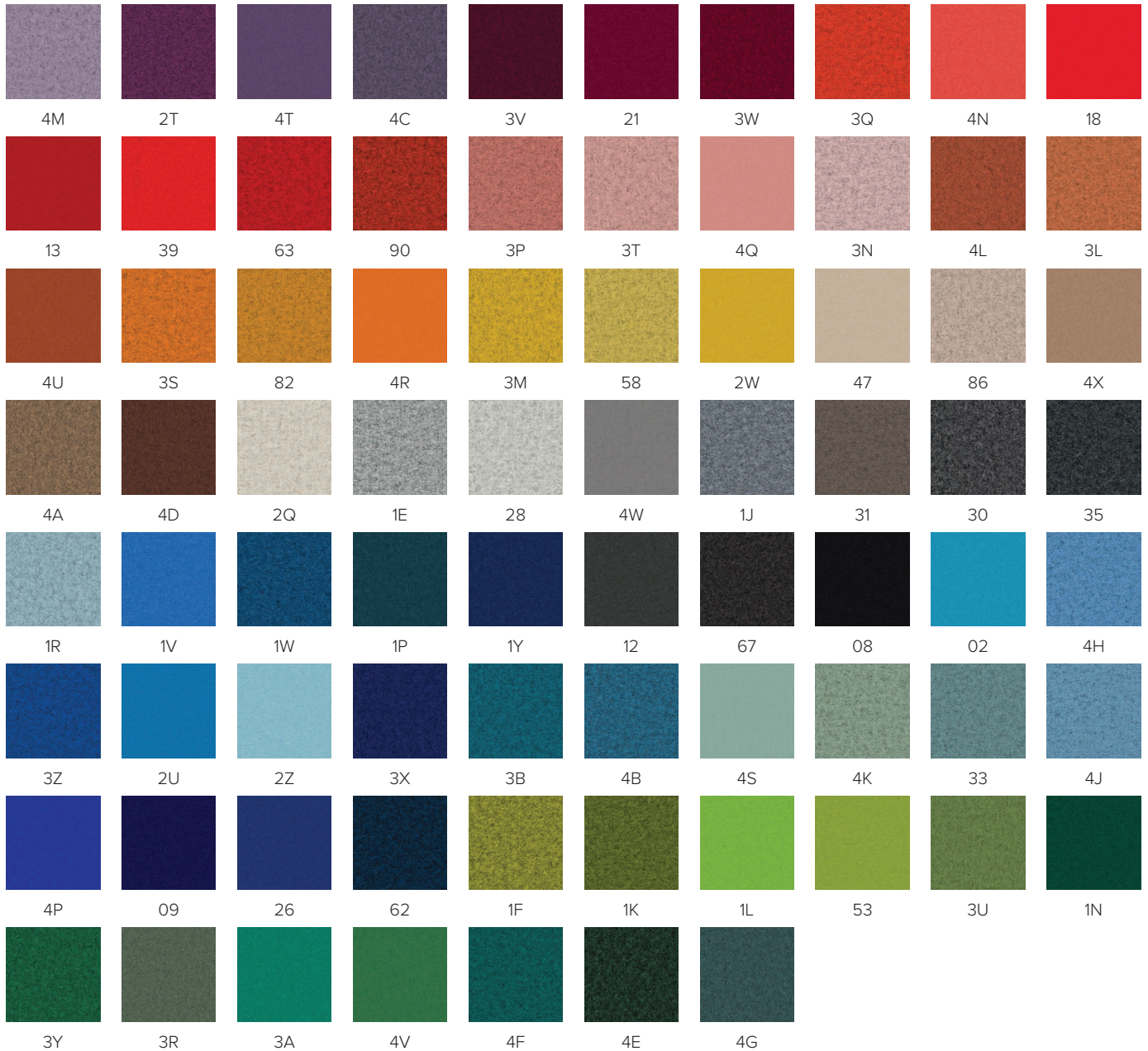




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WOOL UPHOLSTERED



FELT FINISH

This version doesn't include any upholstery or stitching. To specify this option use color code SG (Silver Gray). In this instance, the inside of the shade will be in the same color/finish as the outside. See comparison between Wool Upholstered and Felt Finish below for reference.

NOTE: We used Wool Option 3S as an example. This would apply to all Wool options available.

FELT FINISH

INSIDE



SG

OUTSIDE



SG

WOOL UPHOLSTERED

INSIDE



SG

OUTSIDE



3S

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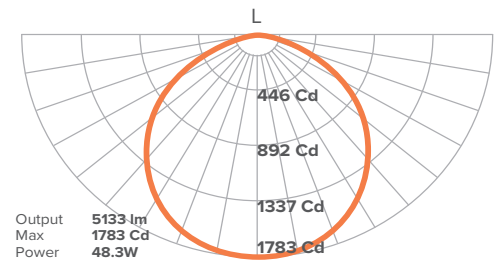
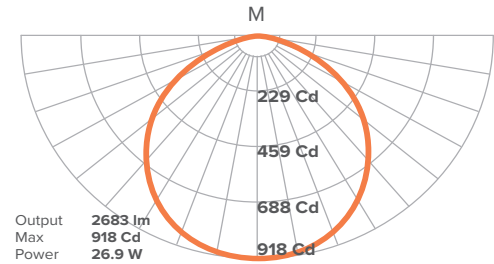
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PHOTOMETRICS







LIGHT SOURCE SPECIFICATIONS

	M	L
Delivered Lumen Output	2683 lm	5133 lm
Wattage	26.9 W	48.3 W
Efficacy	99.8 lm/W	106.3 lm/W
CRI	90+	
UGR	<19	
Beam Angle	100°	
CCT	3000, 3500, 4000 K	

LUMINOUS INTENSITY DISTRIBUTION



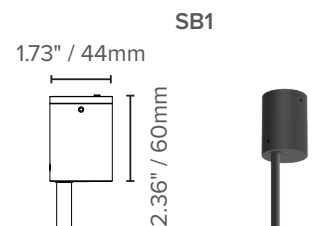
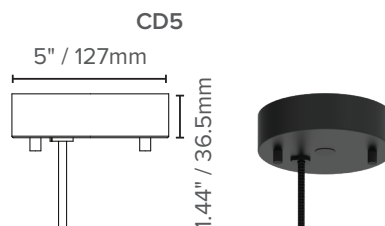
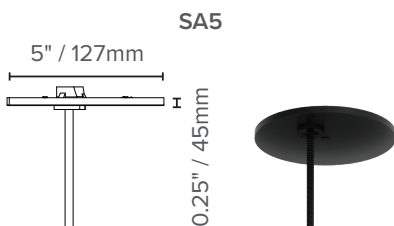
DRIVER INFORMATION

		WATTAGE	MAX VOLTAGE (V)	COMPLIANCE
UNIVERSAL (UNV) 0-10V - 1% dimming 110 - 277VAC (North America)	M	26.9W	30-42V	 
	L	48.3W		
GLOBAL (G) 1% dimming DSI DALI 220 - 240VAC	M	26.9W	18-54V	   
	L	48.3W		

CANOPY INFORMATION

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

M / L	UNV (North America)			Global	
	RD	CD	E26	RD	E27
	SA5	CD5	SA5	SB4	SB1



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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: GreenTag Certification / GreenRate: Level A
THERMAL TRANSITION:	ASTM C518-2010. R- Value = 0.30 m²K/W
SOUND ABSORPTION:	AS ISO 354 – 2006 / Noise reduction coefficient (NRC) = 0.85
VOC EMISSIONS:	ASTM D5116 Rate: < 0.01 mg/m²/hr (7 days)

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

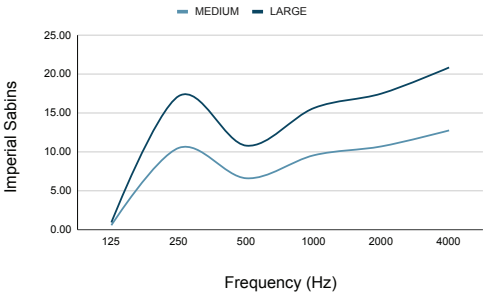
PRODUCT ACOUSTIC PROPERTIES

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.

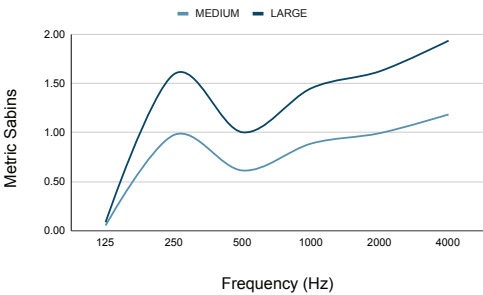
SABINS (FT²)

Frequency (Hz)	Sound Absorption Coefficient	M	L
125	0.16	9.32	15.22
250	0.64	9.03	14.75
500	0.40	15.76	25.75
1000	0.58	3.78	6.17
2000	0.65	9.36	15.29
4000	0.78	9.85	16.09



SABINS (M²)

Frequency (Hz)	Sound Absorption Coefficient	M	L
125	0.16	0.87	1.41
250	0.64	0.84	1.37
500	0.40	1.46	2.39
1000	0.58	0.35	0.57
2000	0.65	0.87	1.42
4000	0.78	0.92	1.50



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	0.55
SAA	0.61
α_w	0.60

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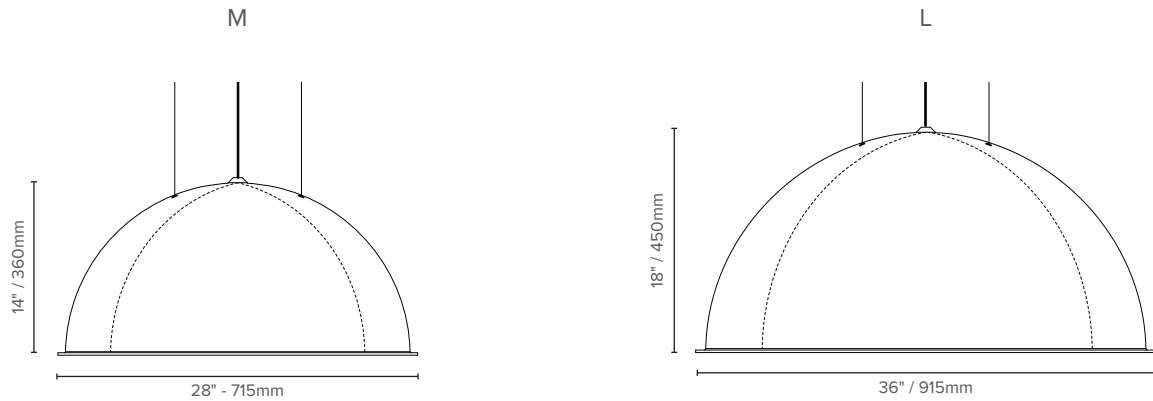


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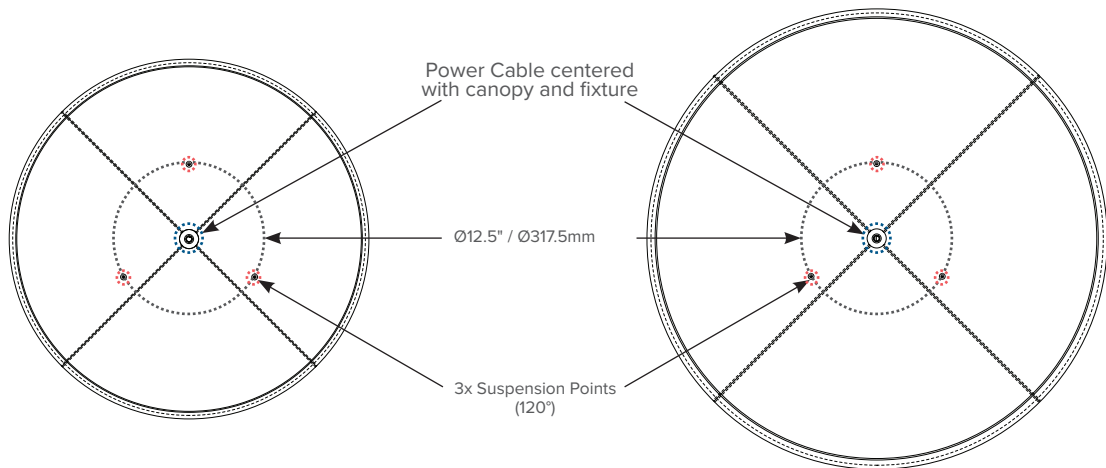
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PRODUCT DIMENSIONS

SIDE VIEWS



TOP VIEWS



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