



HELM

CONO (LX-CN)

TYPE:

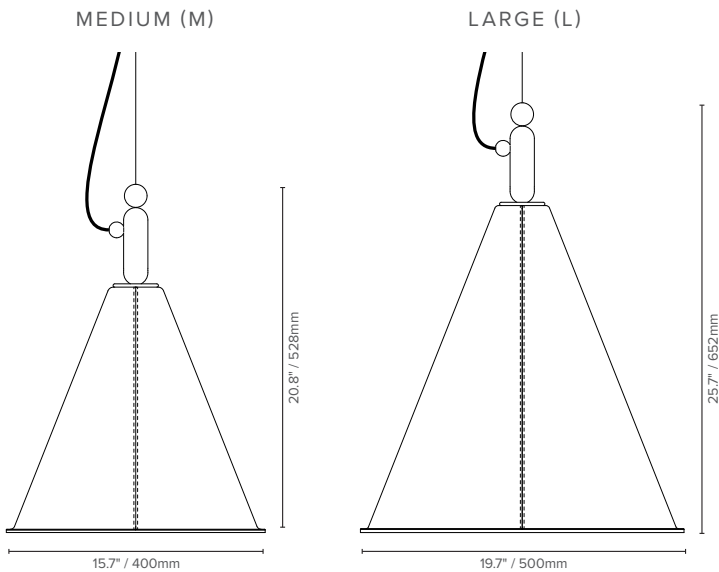
KEY FEATURES

- Highly effective noise absorption
- Available in 2 sizes and 50 wool colors
- Interior color always in Light Grey felt
- High performance dimmable LED light source (Direct) with option of hi-output task light or glass-diffused ambient light
- Also available as E26/27 lamp holder
- Thermo-formed felt shell manufactured from recycled plastics
- Hand-upholstered exterior from rapidly renewable and biodegradable wool
- Height adjustable 9' / 3m suspension cables and Black woven power cable
- IES photometric files available

OPTIONAL EXTRAS

- Additional options available upon request
- 0.1% dimming option
 - POE
 - Bluetooth controller (US & EU only)
 - Tunable White output
 - White canopy and power cord

SIZE, OUTPUT AND WEIGHT



	AMBIENT LIGHT		TASK LIGHT
	MEDIUM	LARGE	MEDIUM/LARGE
Delivered Lumen Output	540 lm	480 lm	1169 lm
Wattage	10.8 W	10.8 W	10.8 W
Efficacy	49.9 lm/W	44.3 lm/W	108 lm/W
UGR	<6		
CRI	90+		
CCT	3000, 3500, 4000 K		

ORDER CODE

EXAMPLE: LX - CN - L - 3D - A35 - UNV - RD
 (Luxbox Cono, Large (19.7" x 25.7" / 500 x 652mm), Wool option 3D, CCT 3500K, Universal 120-277V / 0-10V 10% dimming, Remote driver)

LX - CN	SIZE	SHADE COLOR	COLOR TEMP	DRIVER / DIMMING	DRIVER TYPE
CN	M Medium 15.7" x 20.8" (400 x 528mm)	Use color codes as shown	A30 Ambient Light 3000K	UNV 0 - 10V - 1% dimming (120-277V) <i>(North America only)</i>	CD Canopy concealed driver <i>(UNV/North America only)</i>
	A35 Ambient Light 3500K				
CN	L Large 19.7" x 25.7" (500 x 652mm)	Use color codes as shown	A40 Ambient Light 4000K	G 1% dimming DSI/DALI (220 - 240V)**	RD Remote driver <i>(UNV or G)</i>
	T30 Task Light 3000K				
			T35 Task Light 3500K		
			T40 Task Light 4000K		
			*E26 E26 Lamp holder - 120V AC <i>(North America only)</i>		
			*E27 E27 Lamp holder - 220-240V AC <i>(Global)</i>		

* 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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TYPE:

WOOL UPHOLSTERED

For any of the options below, the interior will always be in Felt Gray. See comparison between Wool Upholstered and Felt Finish at the bottom of the page for reference.

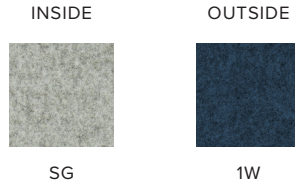
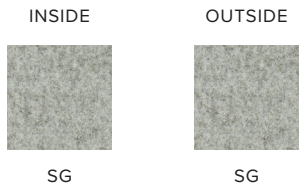


FELT FINISH

This version doesn't include any upholstery or stitching. To specify this option use color code SG (Silver Grey). 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. Wool Upholstered can be chosen for outside face only.

FELT FINISH - SILVER GREY (SG)

WOOL UPHOLSTERED



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HELM CONO (LX-CN)

TYPE:

PHOTOMETRICS

LIGHT SOURCE SPECIFICATIONS

	AMBIENT LIGHT		TASK LIGHT
	MEDIUM	LARGE	MEDIUM/LARGE
Delivered Lumen Output	540 lm	480 lm	1169 lm
Wattage	10.8 W	10.8 W	10.8 W
Efficacy	49.9 lm/W	44.3 lm/W	108 lm/W
UGR	<6		
CRI	90+		
CCT	3000, 3500, 4000 K		

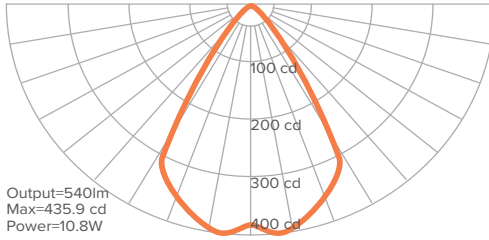
AMBIENT LIGHT



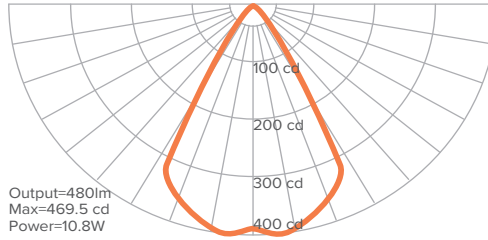
TASK LIGHT



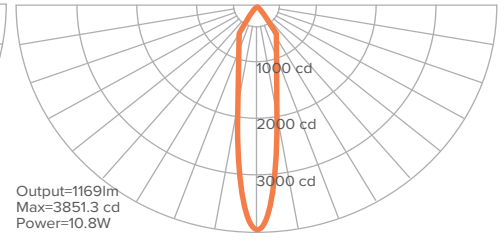
LUMINOUS INTENSITY DISTRIBUTION



MEDIUM AMBIENT



LARGE AMBIENT



MEDIUM/LARGE TASK

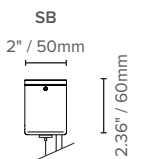
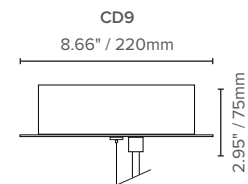
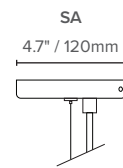
DRIVER INFORMATION

DRIVER TYPE	SIZE	WATTS	OUTPUT	COMPLIANCE
10% dimming (110 - 277V)	MEDIUM / LARGE	14.5 W	22-42VDC	UL LISTED
1% dimming (DALI) (220 - 240V)	MEDIUM / LARGE	14.5 W	22-42VDC	CE, PS E, DALI

CANOPY INFORMATION

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

	UNV (North America)			GLOBAL	
	RD	CD	E26	RD	E27
SMALL	SA	CD9	SA	SB	SB
MEDIUM	SA	CD9	SA	SB	SB



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MATERIAL SPECIFICATIONS

COLOR FASTNESS TO LIGHT:	5 (ISO 105 - B02) 40 hours Class 4 (Slight fading or color change) ISO 105-B02-1994 Rating: 6-7
FIRE TEST:	AS1530 Part 3 / AS3837 / ISO5660 / UNI 9175 Classe 1 / EN 13501-1 / B(B-s1,d0) / ASTM E84(A,FSI:20,SDI:450)
ENVIRONMENTAL:	Renewable and Compostable. Non metallic dyestuffs.
SOUND ABSORPTION:	ISO 10534 Part 2

PRODUCT ACOUSTIC PROPERTIES

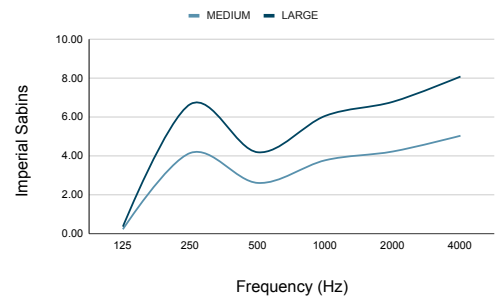
Testing and post analysis procedures were carried out in accordance with the references detailed below:

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.

Below you'll find the data for both sizes of this product in Imperial and Metric units. Please note we this data has been extrapolated from the results obtained in the testing of the Medium Helm pendant as we are using the same combination of materials in both products.

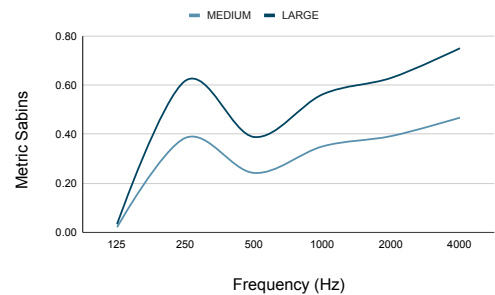
IMPERIAL SABINS

Frequency (Hz)	Sound Absorption Coefficient	MEDIUM (M)	LARGE (L)
125	0.03	0.22	0.36
250	0.64	4.15	6.65
500	0.40	2.60	4.18
1000	0.58	3.77	6.05
2000	0.65	4.22	6.77
4000	0.78	5.03	8.07



METRIC SABINS

Frequency (Hz)	Sound Absorption Coefficient	MEDIUM (M)	LARGE (L)
125	0.03	0.02	0.03
250	0.64	0.39	0.62
500	0.40	0.24	0.39
1000	0.58	0.35	0.56
2000	0.65	0.39	0.63
4000	0.78	0.47	0.75



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 (**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 Largest Single Face method. Fully detailed test reports are available upon request.

NRC	0.6
SAA	0.58
aw	0.60
SAC	C

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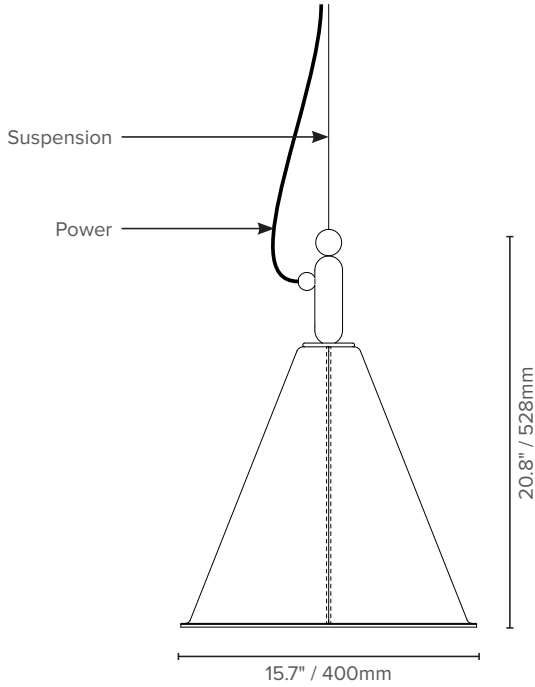
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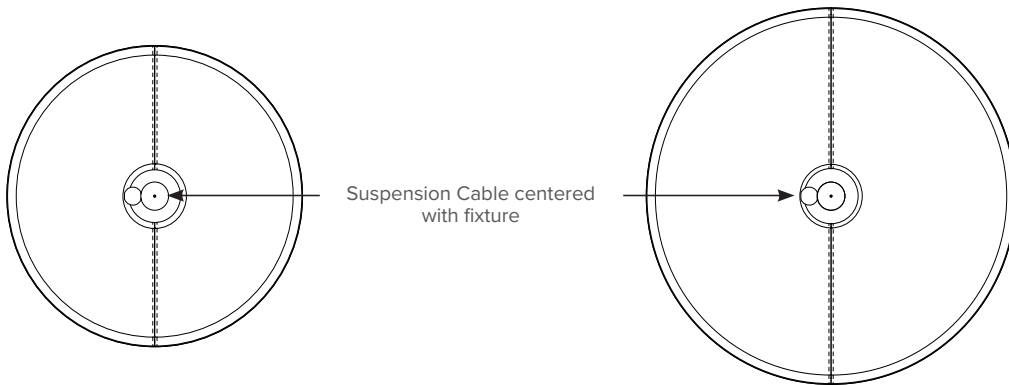
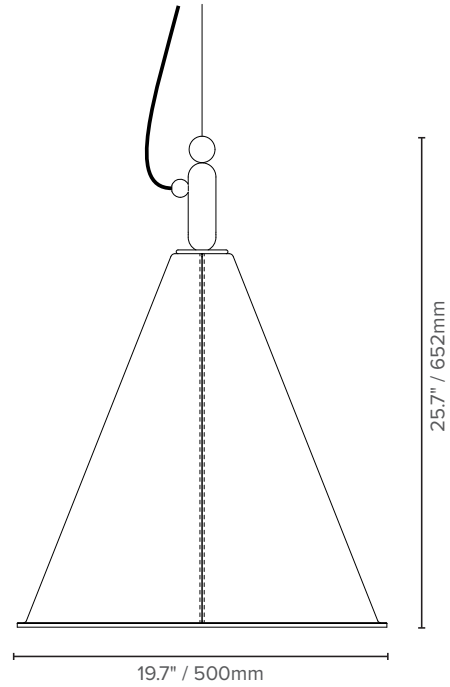
TYPE:

PRODUCT DIMENSIONS

MEDIUM (M)



LARGE (L)



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