



# SIERRA (LX-SR)

HELM AC

## TYPE:

### KEY FEATURES

- Internal and external noise absorbing materials to help shush open spaces
- 1 size and 77 wool colors
- Standard interior in grey
- High performance dimmable LED light source (Direct) with glass diffuser
- E27/E26 lamp holder option
- Height adjustable 9' / 3m suspension cables and Black woven power cable
- IES photometric files available

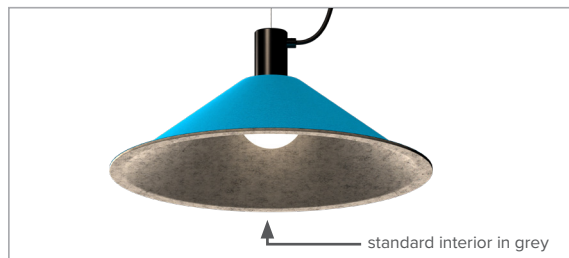
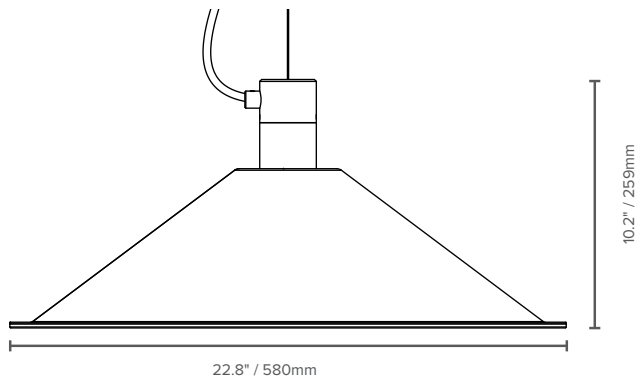
### OPTIONAL EXTRAS

Additional options available upon request

- POE
- Bluetooth controller (US & EU only)
- Tunable White output
- White canopy and power cord

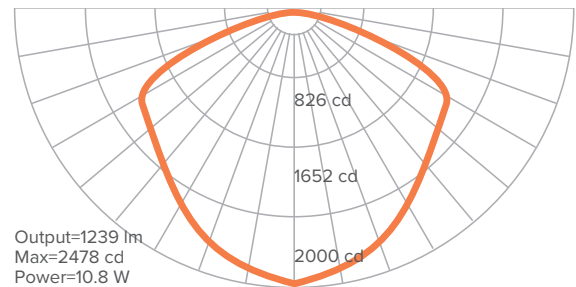
## SIZE AND OUTPUT

### MEDIUM (M)



## LUMINOUS INTENSITY DISTRIBUTION

### MEDIUM (M)



	MEDIUM
Delivered Lumen Output	1239 lm
Wattage	10.8 W
Efficacy	114.5 lm/W
UGR	<12.7
CRI	90+
CCT	3000, 3500, 4000 K
Weight	4.2 lbs / 1.9 Kg

## ORDER CODE

### EXAMPLE LED: LX - SR - M - 1Y - 35 - UNV - RD

(Luxxbox Sierra, Medium (10.2" x 22.8" / 259mm x 580mm), in 1Y fabric, LED with 3500K CCT, Universal 0-10V 10% dimming (120-277V), Remote Driver)

### EXAMPLE E26/27: LX - SR - M - 1Y - E26

(Luxxbox Sierra, Medium (10.2" x 22.8" / 259mm x 580mm), in 1Y fabric, with an E26 lamp holder)

LX - SR					
PRODUCT CODE	SIZE	COLOR	OUTPUT	REGION / DIMMING	DRIVER TYPE
SR	M	10.2" x 22.8" / 259mm x 580mm	Use color codes as shown	30	3000K (LED + Glass Diffuser)
				35	3500K (LED + Glass Diffuser)
				40	4000K (LED + Glass Diffuser)
			E26	Edison 26mm (North America)	
			E27	Edison 27mm	
				UNV	0 - 10V - 10% dimming (120-277V) (North America only)
				G	1% dimming DSI/DALI (220 - 240V) (Remote driver (RD) only)
				CD	Canopy concealed driver (UNV/North America only)
				RD	Remote driver (UNV or G)

\* E27 / E26 lampholder (10W max, LED only). Please note the light globe or driver will not be supplied with the E26/E27 option for this fixture.

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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.



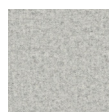
## FELT FINISH

This version doesn't include any upholstery or stitching. To specify this option use color code SG (Silver 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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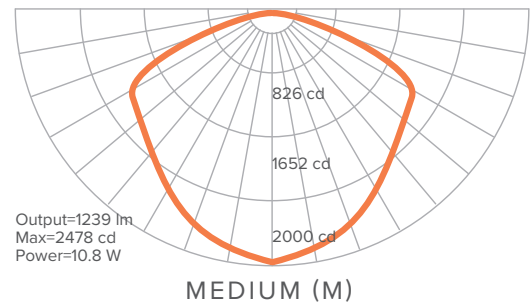
TYPE:

## PHOTOMETRICS

### LIGHT SOURCE SPECIFICATIONS

	MEDIUM
Delivered Lumen Output	1239 lm
Wattage	10.8 W
Efficacy	114.5 lm/W
UGR	<12.7
CRI	90+
CCT	3000, 3500, 4000 K
Weight	4.2 lbs / 1.9 Kg

### LUMINOUS INTENSITY DISTRIBUTION



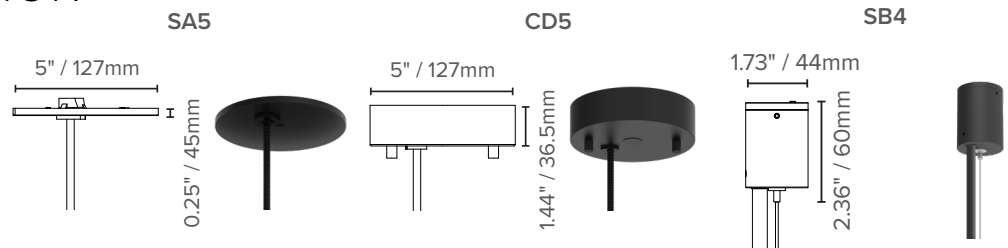
## DRIVER INFORMATION

REGION/DIMMING	SIZE	WATTAGE (W)	MAX VOLTAGE (V)	COMPLIANCE
UNIVERSAL (UNV) 0-10V - 10% dimming 110 - 277VAC (North America only)	MEDIUM	14.5W	22-42VDC	
GLOBAL (G) 0-10V - 1% dimming 220 - 240VAC DSI DALI	MEDIUM	14.5W	22-42VDC	

## CANOPY INFORMATION

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

	UNV (North America)		Global
	RD	CD	RD
MEDIUM	SA5	CD5	SB4



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TYPE:

## 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 achieves GreenTag Certification / GreenRate: Level A
THERMAL TRANSITION:	ASTM C518-2010. R- Value = 0.30 m <sup>2</sup> K/W
SOUND ABSORPTION:	AS ISO 354 – 2006 / Noise reduction coefficient (NRC) = 0.85
VOC EMISSIONS:	ASTM D5116 Rate: < 0.01 mg/m <sup>2</sup> /hr (7 days)

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

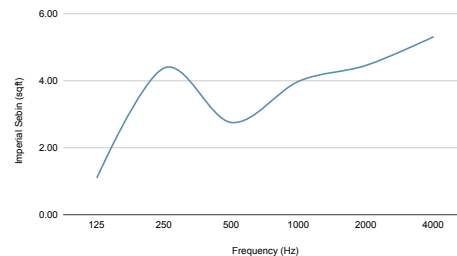
## PRODUCT ACOUSTIC PROPERTIES

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.

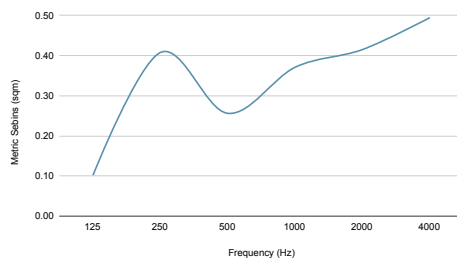
IMPERIAL SABINS

Frequency (Hz)	Sound Absorption Coefficient	MEDIUM (M)
125	0.16	1.10
250	0.64	4.39
500	0.40	2.76
1000	0.58	3.99
2000	0.65	4.47
4000	0.78	5.32



METRIC SABINS

Frequency (Hz)	Sound Absorption Coefficient	MEDIUM (M)
125	0.16	0.10
250	0.64	0.41
500	0.40	0.26
1000	0.58	0.37
2000	0.65	0.42
4000	0.78	0.49



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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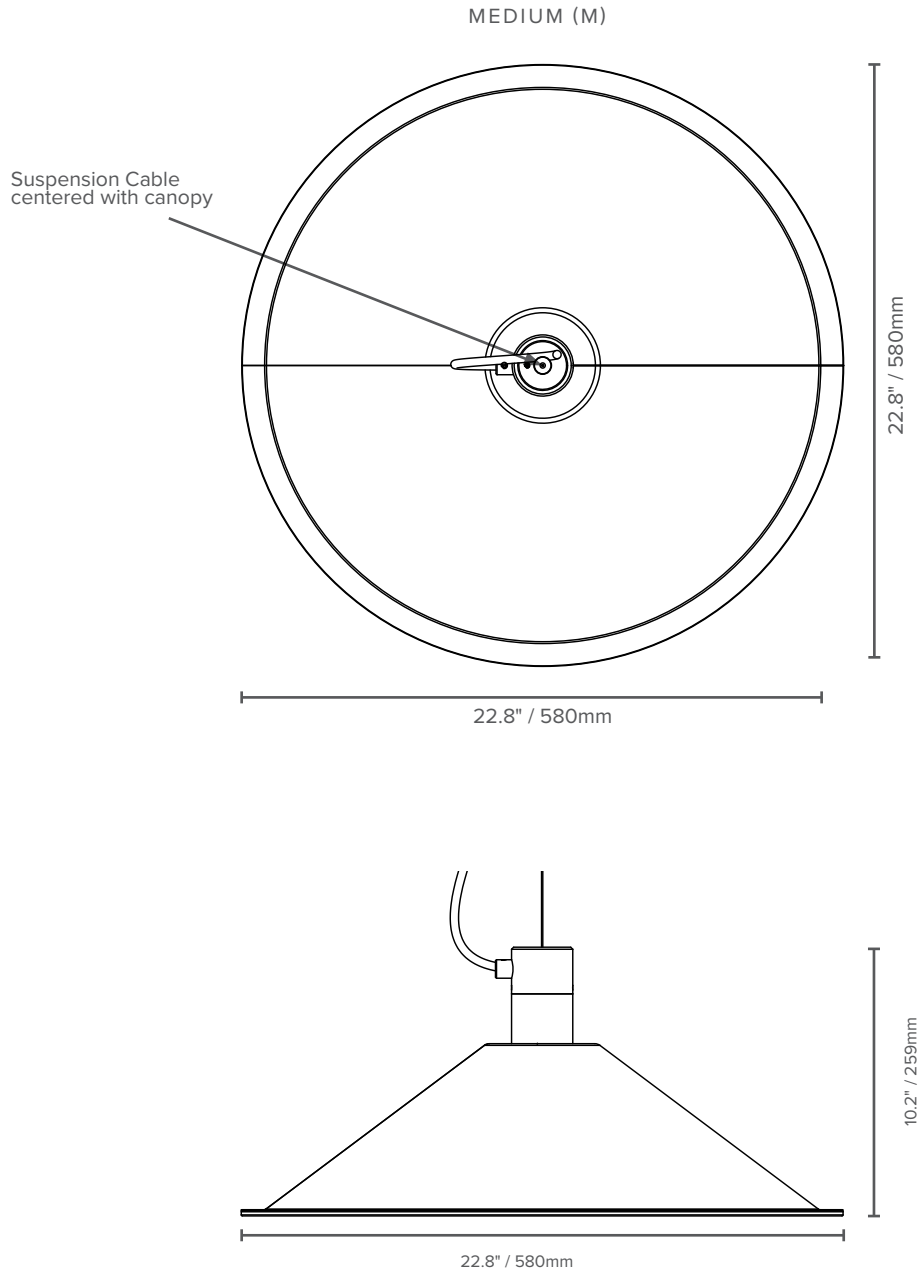


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HELM AC

TYPE:

## PRODUCT DIMENSIONS



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