

TYPE:

KEY FEATURES

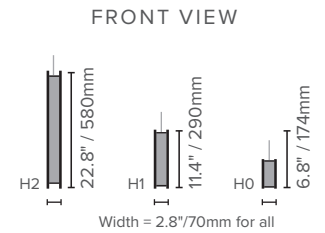
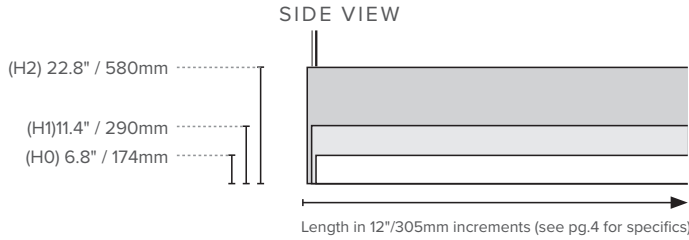
- Highly effective noise absorption
- 3 heights and 70+ finishes
- High performance dimmable LED light sources - direct and/or indirect wash
- Multiple shielding options available
- UGR <5 on direct louvered output
- Simple connector for easy on-site install
- Height adjustable 9' / 3m suspension cables and Black woven power cable
- IES photometric files available
- Direct lit fixtures in lengths up to 16 ft
- Direct and Indirect fixtures up to 8 ft
- Acoustic baffle available in infinite lengths

OPTIONAL EXTRAS

- Additional options available upon request
- POE
 - Casambi Bluetooth (US only)
 - Tunable White output
 - White canopy and power cord
 - Custom size and color options
 - Can be integrated with Tessell fixtures



SIZES



OUTPUT

	DA		DB		DC		I		DIA		DIB		DIC	
Beam Angle (Direct Indirect)	50° (direct)		76° (direct)		100° (direct)		160° (indirect)		50° (direct) - 160° (indirect)		76° (direct) - 160° (indirect)		100° (direct) - 160° (indirect)	
Shielding (down up)	Louvered (direct)		Louvered (direct)		Diffused (direct)		Lensed (indirect)		Louvered (direct) Lensed (indirect)		Louvered (direct) Lensed (indirect)		Diffused (direct) Lensed (indirect)	
UGR (Direct)	<5		<5		-		-		<5		<5		-	
CCT CRI	CCT: 3000K/3500K/4000K CRI >90													
Total Lumens (per ft per m)	1060 lm/ft	3420 lm/m	1031 lm/ft	3326 lm/m	812 lm/ft	2620 lm/m	965 lm/ft	3113 lm/m	2025 lm/ft	6533 lm/m	1996 lm/ft	6439 lm/m	1777 lm/ft	5733 lm/m
Distribution (%)	100% (direct)		100% (direct)		100% (direct)		100% (indirect)		52% (direct) - 48% (indirect)		52% (direct) - 48% (indirect)		66% (direct) - 54% (indirect)	
Wattage (W per ft per m)	8W	26W	8W	26W	13W	40W	8W	26W	16W	52W	16W	52W	21W	65W
Efficacy (lm/W)	133 lm/W		129 lm/W		75.5 lm/W		121 lm/W		127 lm/W		125 lm/W		94.7 lm/W	

Note: See pg. 4 for more detailed output information on specific lengths

ORDER CODE

EXAMPLE: LX - LN - 8 - H2 - B - R - 40 - DIA - UNV - RD

Luxxbox Linea , 9"/231mm length, Height 2, Basica, Red color, 4000K CCT, Direct A + Indirect Output, Universal 0-10V 1% Dimming, Remote Driver

LX - LN	CODE	LENGTH	HEIGHT	PATTERN	COLOR*	COLOR TEMP	OUTPUT***	REGION / DIMMING	DRIVER TYPE
LN		Use length code as shown on pg. 4	H0 6.8" / 174mm H1 11.4" / 290mm H2 22.8" / 580mm	B Basica R Ranura	Use color code as shown on pg. 2	30 3000K 35 3500K 40 4000K A** Acoustic only	DA Direct A (50°, Louvered) DB Direct B (76°, Louvered) DC Direct C (100°, Diffused) I Indirect (160°, Lensed) DIA Direct A + Indirect DIB Direct B + Indirect DIC Direct C + Indirect	UNV 0-10V - 1% dimming (110 - 277VAC) (North America only) G**** 0-10V - 1% dimming DSI / DALI (220 - 240V)	CD Canopy concealed driver (UNV / North America only) RD Remote Driver (UNV or G)

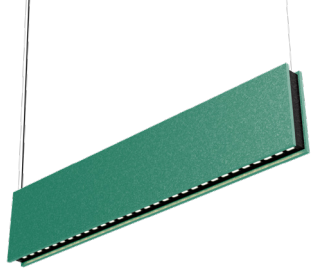
*Core always in Charcoal | **For acoustic baffle only, specify A in the 'color temp' column and leave the remaining columns blank
See pg.3 for more information about the different Output options | * Global (G) dimming type is available with Remote driver (RD) only

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LINEA (LX-LN)

TYPE: _____

AVAILABLE COLORS & PATTERNS

Colors are subject to lead times and variations across batches

SOLID PET COLOR OPTIONS

CORE



DESIGNER

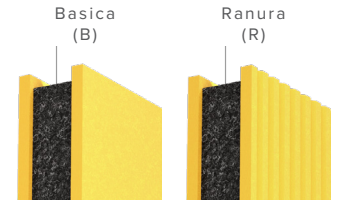


CLASSIC WOOL COLOR OPTIONS

Only available for 'Basica' option

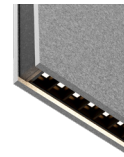


PATTERN OPTIONS

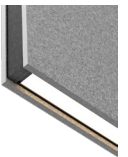


SHIELDING OPTIONS

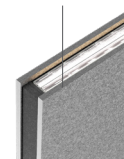
DIRECT Louvered (DA/DB/DIA/DIB)



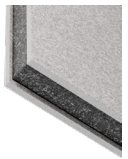
DIRECT Diffused (DC/DIC)



INDIRECT Lensed (I/DIA/DIB/DIC)



ACOUSTIC BAFFLE Acoustic only (A)

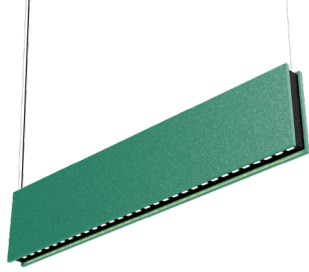


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LINEA (LX-LN)

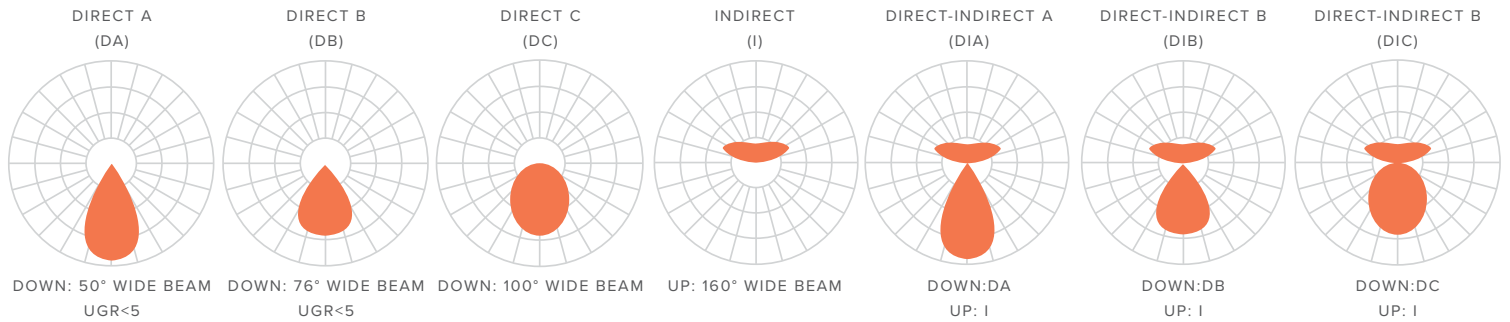
TYPE:

PHOTOMETRICS: PER FOOT/METER

IES files can easily be downloaded from our website

	DA	DB	DC	I	DIA		DIB		DIC	
	Direct A	Direct B	Direct C	Indirect	Direct A	Indirect	Direct B	Indirect	Direct C	Indirect
Beam Angle	50° (down)	76° (down)	100° (down)	160° (up)	50° (down)	160° (up)	76° (down)	160° (up)	100° (down)	160° (up)
Shielding	Louvered	Louvered	Diffused	Lensed	Louvered	Lensed	Louvered	Lensed	Diffused	Lensed
UGR (Direct)	<5	<5	-	-	<5		<5		-	
CCT CRI	CCT: 3000K/3500K/4000K CRI >90									
Lumens (per ft)	1060 lm/ft	1031 lm/ft	812 lm/ft	965 lm/ft	1060 lm/ft	965 lm/ft	1031 lm/ft	965 lm/ft	812 lm/ft	965 lm/ft
Lumens (per m)	3420 lm/m	3326 lm/m	2620 lm/m	3113 lm/m	3420 lm/m	3113 lm/m	3326 lm/m	3113 lm/m	2620 lm/m	3113 lm/m
Distribution (%)	100%	100%	100%	100%	52%	48%	52%	48%	66%	54%
Wattage (W)	8W/ft or 26W/m	8W/ft or 26W/m	13W/ft or 40W/m	8W/ft or 26W/m	16W/ft or 52W/m		16W/ft or 52W/m		21W/ft or 65W/m	
Efficacy (lm/W)	133 lm/W	129 lm/W	75.5 lm/W	121 lm/W	127 lm/W		125 lm/W		94.7 lm/W	

LIGHT DISTRIBUTION



TM-30METRICS

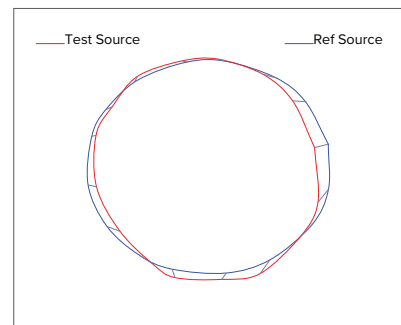
Fidelity Index (Rf): Average similarity to the reference source for all colors

Gamut Index (Rg): Average change in chroma for all colors

	DA/DB/DC/I
Rf (Fidelity Index)	83
Rg (Gamut Index)	96

COLOR VECTOR GRAPHIC

DA/DB/DC/I

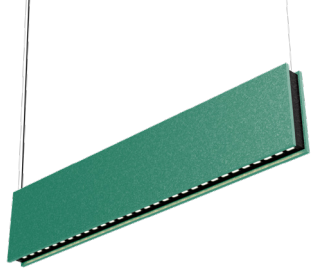


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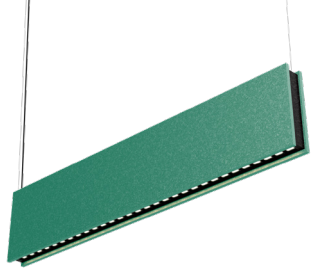
LINEA (LX-LN)

TYPE:

PHOTOMETRICS: SPECIFIC LENGTHS

LINEA CODE	OVERALL LENGTH		DA Efficacy: 133 lm/W		DB Efficacy: 129 lm/W		DC Efficacy: 75.5 lm/W		I Efficacy: 121 lm/W		DIA Efficacy: 127 lm/W		DIB Efficacy: 125 lm/W		DIC Efficacy: 94.7 lm/W	
	Imperial (ft-in)	Metric (mm)	Lumens (lm)	Wattage (W)	Lumens (lm)	Wattage (W)	Lumens (lm)	Wattage (W)	Lumens (lm)	Wattage (W)	Lumens (lm)	Wattage (W)	Lumens (lm)	Wattage (W)	Lumens (lm)	Wattage (W)
LX-LN-2	2ft-0in	620	2120	16	2062	16	1624	21.5	1930	16	4050	32	3992	32	3554	37.5
LX-LN-3	2ft-11in	900	3180	24	3093	24	2436	32	2895	24	6075	48	5988	48	5331	56
LX-LN-4	3ft-10in	1180	4240	32	4124	32	3248	42.5	3860	32	8100	64	7984	64	7108	74.5
LX-LN-5	4ft-9in	1460	5300	40	5155	40	4060	53	4825	40	10125	80	9980	80	8885	93
LX-LN-6	5ft-9in	1741	6360	48	6186	48	4872	63.5	5790	48	12150	96	11976	96	10662	111.5
LX-LN-7	6ft-8in	2021	7420	56	7217	56	5684	74	6755	56	14175	112	13972	112	12439	130
LX-LN-8	7ft-7in	2301	8480	64	8248	64	6496	84.5	7720	64	16200	128	15968	128	14216	148.5
LX-LN-9	8ft-6in	2600	9540	72	9279	72	7308	95	8685	72	-	-	-	-	-	-
LX-LN-10	9ft-7in	2920	10600	80	10310	80	8120	105.5	9650	80	-	-	-	-	-	-
LX-LN-11	10ft-4in	3161	11660	88	11341	88	8932	116	10615	88	-	-	-	-	-	-
LX-LN-12	11ft-4in	3442	12720	96	12372	96	9744	126.5	11580	96	-	-	-	-	-	-
LX-LN-13	12ft-3in	3722	13780	104	13403	104	10556	137	12545	104	-	-	-	-	-	-
LX-LN-14	13ft-2in	4002	14840	112	14434	112	11368	147.5	13510	112	-	-	-	-	-	-
LX-LN-15	14ft-1in	4282	15900	120	15465	120	12180	158	14475	120	-	-	-	-	-	-
LX-LN-16	15ft-0in	4562	16960	128	16496	128	12992	168.5	15440	128	-	-	-	-	-	-

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LINEA (LX-LN)

TYPE:

DRIVER INFORMATION

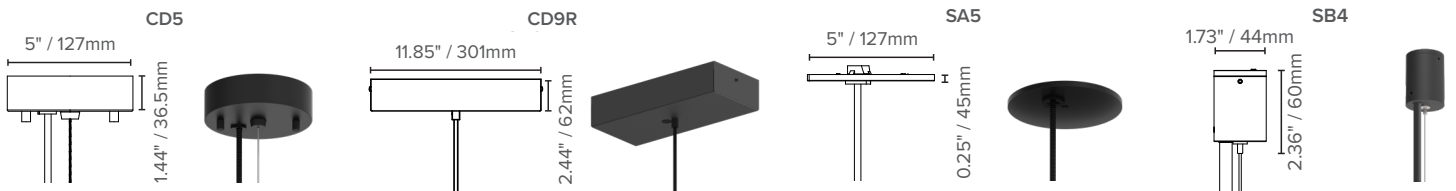
REGION/DIMMING	LENGTH	MAX WATTAGE (W)				MAX VOLTAGE (V)	COMPLIANCE
		DA / DB	DC	DIA / DIB	DIC		
UNIVERSAL (UNV) 0-10V - 1% dimming 110 - 277 VAC <i>(North America only)</i>	LX-LN-2	16 W	21 W	32 W	37 W	40V	
	LX-LN-3	24 W	31.5 W	48 W	55.5 W		
	LX-LN-4	32 W	42 W	64 W	74 W		
	LX-LN-5	40 W	52.5 W	80 W	92.5 W		
	LX-LN-6	48 W	63 W	96 W	111 W		
	LX-LN-7	56 W	73.5 W	112 W	129.5 W		
GLOBAL (G) 0-10V - 1% dimming 220 - 240 VAC	LX-LN-2	16 W	21 W	32 W	37 W	40V	
	LX-LN-3	24 W	31.5 W	48 W	55.5 W		
	LX-LN-4	32 W	42 W	64 W	74 W		
	LX-LN-5	40 W	52.5 W	80 W	92.5 W		
	LX-LN-6	48 W	63 W	96 W	111 W		
	LX-LN-7	56 W	73.5 W	112 W	129.5 W		
LX-LN-8	64 W	84 W	128 W	148 W			

CANOPY INFORMATION

Please note power cord and canopy will always be supplied in black unless specified otherwise. As you can see on the diagrams, Linea pendants are supplied with a canopy that includes both a Power Cable and a Suspension Cable. The Suspension Cable is centered with the canopy for an easier installation. Please note the Canopy and Power cable can be shipped in advance if needed. You will find more detailed information about the suspension point locations on pg. 7

Please note no canopy will be supplied with any acoustic baffle.

REGION/DIMMING	DRIVER TYPE	CANOPY TYPE	OUTPUT & LENGTHS APPLICABLE			
			DA / DB	DC	DIA / DIB	DIC
UNIVERSAL (UNV) <i>(North America)</i>	Canopy Concealed Driver	CD5	LX-LN-2 to LX-LN-6	LX-LN-2 to LX-LN-4	LX-LN-2 to LX-LN-3	LX-LN-2
		CD9R	LX-LN-7 to LX-LN-16	LX-LN-5 to LX-LN-16	LX-LN-4 to LX-LN-12	LX-LN-3 to LX-LN-12
	Remote Driver	SA5	All	All	All	All
GLOBAL (G)	Remote Driver	SB4	All	All	All	All

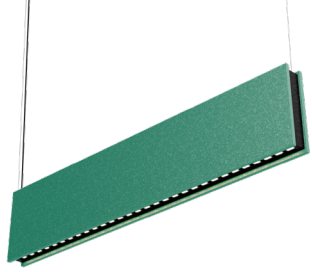


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LINEA (LX-LN)

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 ² K/W
SOUND ABSORPTION:	AS ISO 354 – 2006 / Noise reduction coefficient (NRC) = 0.85
VOC EMISSIONS:	ASTM D5116 Rate: < 0.01 mg/m ² /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:

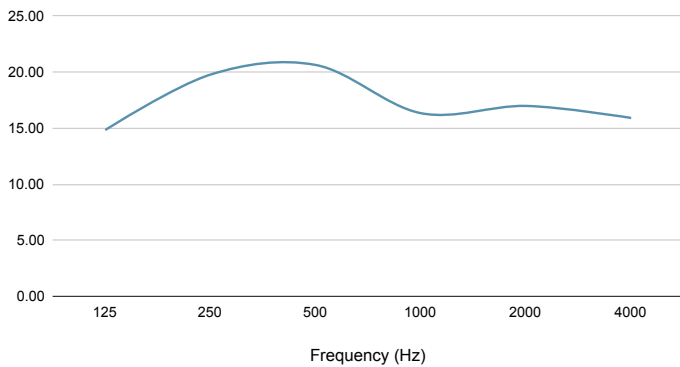
AS ISO 354-2006 (R2016)	Acoustics—Measurement of sound absorption in a reverberation room
AS ISO 11654—2002	Rating of sound absorption—Materials and systems
ASTM C423-17	Standard Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method
ASTM E795-16	Standard 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.

The data shown below refers to the testing of LX-LN-8-H2, with a length of 7ft-7in (2301mm) and height of 22.8" (580mm). A fully detailed acoustic test report is available upon request.

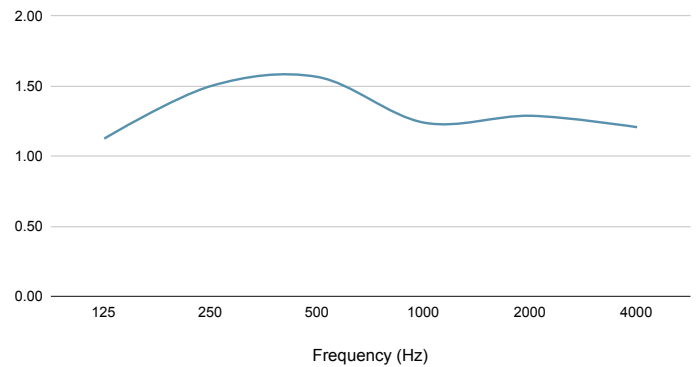
Frequency	125	250	500	1000	2000	4000
Sound Absorption Coefficient	0.69	0.92	0.96	0.76	0.79	0.74
SABINS (ft ²)	14.84	19.78	20.64	16.34	16.99	15.91

Frequency	125	250	500	1000	2000	4000
Sound Absorption Coefficient	0.69	0.92	0.96	0.76	0.79	0.74
SABINS (m ²)	1.13	1.50	1.57	1.24	1.29	1.21

Sabins (ft²)



Sabins (m²)



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 Horizontal Floor Area method. Fully detailed test reports are available upon request.

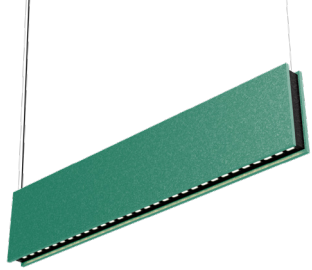
NRC	0.90
SAA	0.90
aw	0.80

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LINEA (LX-LN)

TYPE:

PRODUCT CONFIGURATION

LINEA CODE	OVERALL LENGTH			CONFIGURATION	# OF FITTINGS	SUSPENSION POINTS	OUTPUT / SHIELDING OPTIONS
	ft-in	in	mm				
LX-LN-2	2ft-0in	24	620	2S	1	2	DA / DB / DC / I / DIA / DIB / DIC / A
LX-LN-3	2ft-11in	35	900	3S	1	2	DA / DB / DC / I / DIA / DIB / DIC / A
LX-LN-4	3ft-10in	46	1180	4S	1	2	DA / DB / DC / I / DIA / DIB / DIC / A
LX-LN-5	4ft-9in	57	1460	5S	1	2	DA / DB / DC / I / DIA / DIB / DIC / A
LX-LN-6	5ft-9in	69	1741	6S	1	2	DA / DB / DC / I / DIA / DIB / DIC / A
LX-LN-7	6ft-8in	80	2021	7S	1	2	DA / DB / DC / I / DIA / DIB / DIC / A
LX-LN-8	7ft-7in	91	2301	8S	1	2	DA / DB / DC / I / DIA / DIB / DIC / A
LX-LN-9	8ft-6in	102	2600	5P - 4E	2	4	DA / DB / DC / I / A
LX-LN-10	9ft-7in	115	2920	5P- 5E	2	4	DA / DB / DC / I / A
LX-LN-11	10ft-4in	124	3161	6P- 5E	2	4	DA / DB / DC / I / A
LX-LN-12	11ft-4in	136	3442	6P - 6E	2	4	DA / DB / DC / I / A
LX-LN-13	12ft-3in	147	3722	7P - 6E	2	4	DA / DB / DC / I / A
LX-LN-14	13ft-2in	158	4002	7P - 7E	2	4	DA / DB / DC / I / A
LX-LN-15	14ft-1in	169	4282	8P - 7E	2	4	DA / DB / DC / I / A
LX-LN-16	15ft-0in	180	4562	8P- 8E	2	4	DA / DB / DC / I / A

MODULE

Each pendant from 24" to 91" consists of a single stand-alone fitting. Longer pendants will be assembled using multiple fittings.

Configuration column legend:

- S: Stand Alone fitting
- P: Powered End fitting
- E: Unpowered End fitting

ACOUSTIC BAFFLES

For an unlit acoustic baffle we will use the same modules and dimensions as with the lit pendants. If needed, baffles can exceed listed lengths. Instead of a Powered End fitting at the beginning of the run, we will use an Unpowered End fitting.

DOUBLE CEILING MOUNT

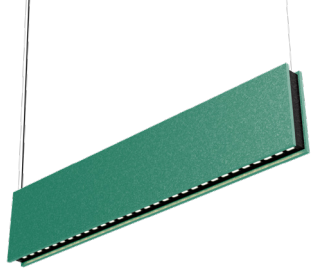
To make installation fast and safe, the Linea pendants above 91" will be supplied with a Double Ceiling Mount. This means you'll be able to fix two suspension cables to one ceiling mount, which decreases the installation time significantly.

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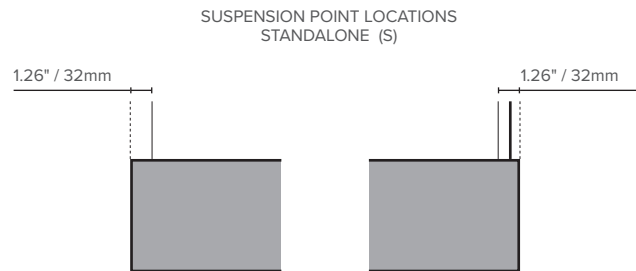
LINEA (LX-LN)

TYPE:

FITTING DIMENSIONS

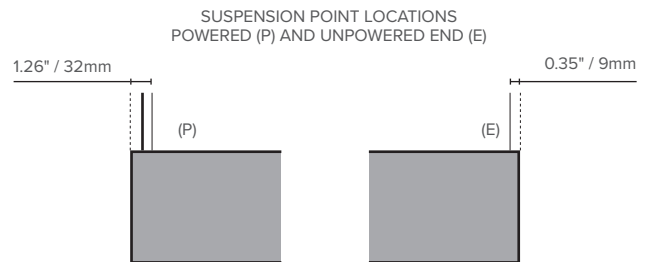
STANDALONE (S)

Fitting Code	Overall Length (ft-in)	Overall Length (in)	Overall Length (mm)
2S	2ft-0.5in	24	620
3S	2ft-11.5in	35	900
4S	3ft-10.5in	46	1180
5S	4ft-9.5in	57	1460
6S	5ft-8.6in	69	1741
7S	6ft-7.6in	80	2021
8S	7ft-6.6in	91	2301



POWERED AND UNPOWERED END (P/E)

Fitting Code	Overall Length (ft-in)	Overall Length (in)	Overall Length (mm)
2P/2E	1ft-11.7in	24	600
3P/3E	2ft-10.7in	35	880
4P/4E	3ft-9.7in	46	1160
5P/5E	4ft-8.7in	57	1440
6P/6E	5ft-7.8in	69	1721
7P/7E	6ft-6.8in	80	2001
8P/8E	7ft-5.9in	91	2281

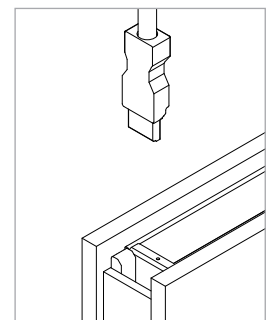


Note: The distance from the edge of the fixture to the suspension point is the same whether the End fitting is powered or unpowered

FITTING CONNECTIONS

Our Linea range uses UL listed, pre-assembled connectors designed for a safe and fast installation. These connectors are used between Linea modules, and also for the power line. These can be shipped in advance together with the canopy.

The unique plug and play power connector allows for install of canopy and power before lighting fixture.



Luxxbox reserves the right to change the specification, material and colors at any time without notice. Standard warranty terms and conditions apply. All rights reserved © All dimensions and values on specification sheet are nominal. October 2024. LX-Linea-Spec-Sheet-v13.0



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