

Declare.

# LINEA (LX-LN)

TYPE: LX-LN-

## KEY FEATURES

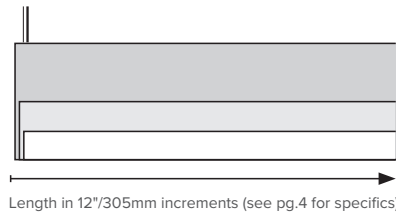
- Ceiling baffle system and stand alone linear lights.
- Highly effective sound absorption
- 3 heights, custom lengths and a wide range of colors in PET and Wool
- High performance dimmable LED light source with 3 direct output options.
- Height adjustable 9' / 3m suspension cables and Black woven power cable
- IES / LDT photometric files available
- Declare-listed

## OPTIONAL EXTRAS

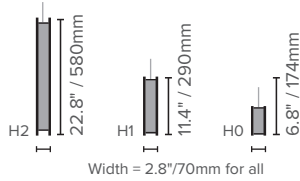
- Additional options available upon request:
- POE
  - Casambi Bluetooth controller (US)
  - Tunable White output
  - White canopy and power cord
  - BABA Act Certificate

## SIZE AND OUTPUT

SIDE VIEW

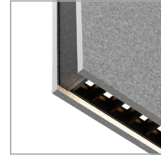


FRONT VIEW

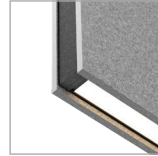


## OPTICS

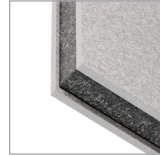
Louvered (DA/DB)



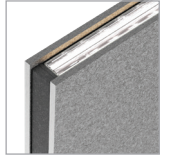
Diffused (DC)



Acoustic (A)

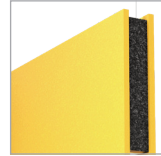


Lensed (I)

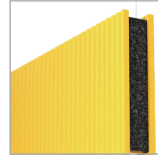


## PATTERNS (PET ONLY)

Basica (B)



Ranura (R)



## ACCESSORY BAFFLES

Linea can easily be combined with Accessory Acoustic Baffles without additional suspension points.

Check p.7 for more information!

## OUTPUT: PER METER | PER FOOT

	Delivered Lumen Output (per meter   per foot)			Beam Angle		Wattage (W/m   W/ft)	Efficacy (lm/W)	CRI	UGR	CCT
	DOWN	UP	TOTAL	DOWN	UP					
DA	3420 lm/m   1060 lm/ft	-	3420 lm/m   1060 lm/ft	50°	-	26W/m   8W/ft	133	90+	<5	3000K 3500K 4000K
DB	3326 lm/m   1031 lm/ft	-	3326 lm/m   1031 lm/ft	76°	-	26W/m   8W/ft	129		<5	
DC	2620 lm/m   812 lm/ft	-	2620 lm/m   812 lm/ft	100°	-	40W/m   13W/ft	75.5		<19	
I	-	3113 lm/m   965 lm/ft	3113 lm/m   965 lm/ft	-	160°	26W/m   8W/ft	121		-	
DIA	3420 lm/m   1060 lm/ft	3113 lm/m   965 lm/ft	6533 lm/m   2025 lm/ft	50°	160°	52W/m   16W/ft	127		<5	
DIB	3326 lm/m   1031 lm/ft	3113 lm/m   965 lm/ft	6439 lm/m   1996 lm/ft	76°	160°	52W/m   16W/ft	125		<5	
DIC	2620 lm/m   812 lm/ft	3113 lm/m   965 lm/ft	5733 lm/m   1777 lm/ft	100°	160°	65W/m   21W/ft	94.7	<19		

## ORDER CODE

EXAMPLE: LX - LN - 8 - H1 - B - SA - 40 - DIA - G - RD

(Luxbox Linea, Length 8 (2311mm / 91"), H1 Height (11.4" / 290mm), Pattern Basica, Sand PET color, 4000K, Direct A + Indirect output, Global 220-240V 1% DSI/DALI dimming, Remote driver)

LX - LN	LENGTH	HEIGHT	PATTERN*	COLOR**	COLOR TEMP	OUTPUT****	REGION / DIMMING	DRIVER TYPE
LN	Use length code as shown on pg. 4	H0	B	Basica	30	DA Direct A (50°, louvered) DB Direct B (76°, louvered) DC Direct C (100°, Lensed) I Indirect (160°, Lensed) DIA Direct A + Indirect DIB Direct B + Indirect DIC Direct C + Indirect	UNV 110-277V 0-10V - 1% dimming (North America) 220-240V 1% dimming DSI/DALI	CD Canopy concealed driver (UNV/North America) RD Remote driver (UNV or G)
		35						
40								
		H1	R	Ranura				
		H2						
				Use color codes as shown on pg. 2				
					A***	Acoustic baffle		

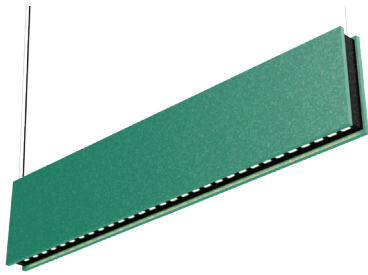
\* Patterns are only available on PET colors | \*\*Core always in Charcoal | \*\*\*For acoustic baffle only, specify A in the 'color temp' column and leave the remaining columns blank  
\*\*\*\*See pg.3 for more information about the different Output options | \*\*\*\*\* Global (G) dimming type is available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

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# LINEA (LX-LN)

TYPE: LX-LN-

## AVAILABLE COLORS

Colors are subject to lead times and variations across batches

### SOLID PET COLOR OPTIONS

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

### CLASSIC WOOL COLOR OPTIONS

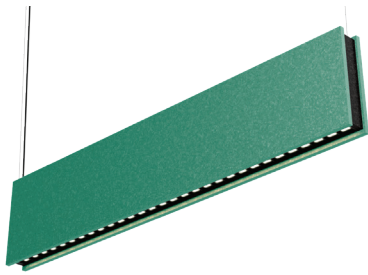
4M	2T	4T	4C	3V	2I	3W	3Q	4N	18
13	39	63	90	3P	3T	4Q	3N	4L	3L
4U	3S	82	4R	3M	58	2W	47	86	4X
4A	4D	2Q	1E	28	4W	1J	31	30	35
1R	1V	1W	1P	1Y	12	67	08	02	4H
3Z	2U	2Z	3X	3B	4B	4S	4K	33	4J
4P	09	26	62	1F	1K	1L	53	3U	1N
3Y	3R	3A	4V	4F	4E	4G			

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# LINEA (LX-LN)

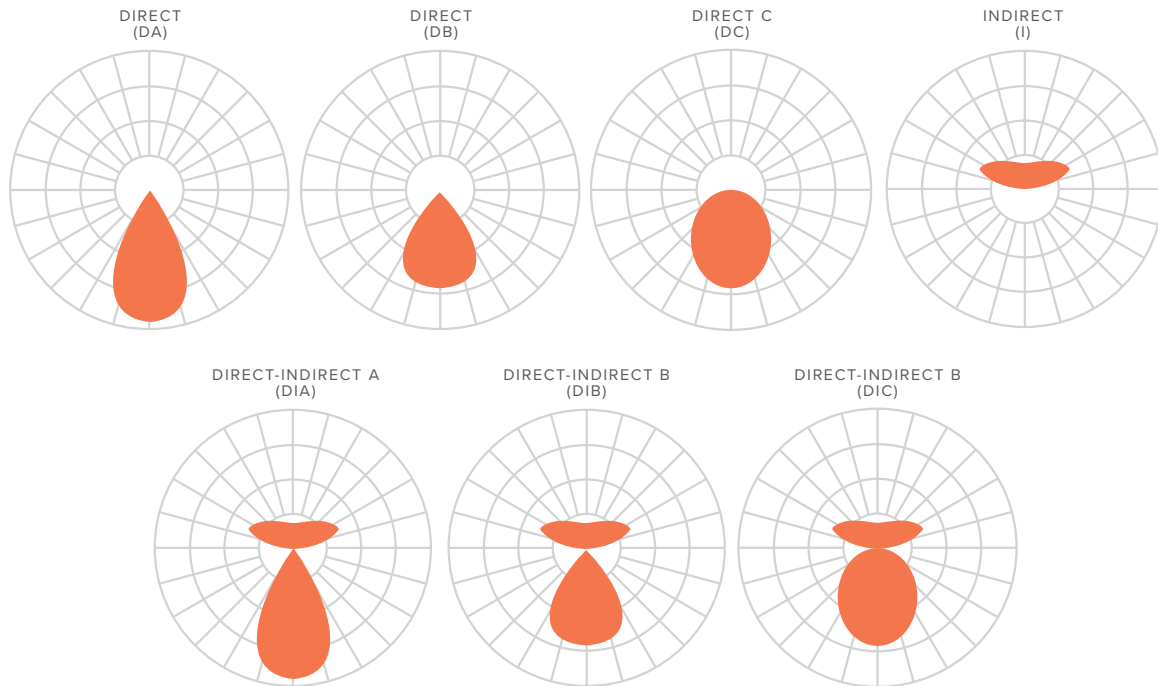
TYPE: LX-LN-

## PHOTOMETRICS: PER METER / FOOT

### LIGHT SOURCE SPECIFICATIONS - PER METER / FOOT

	Delivered Lumen Output (per meter   per foot)			Beam Angle		Wattage (W/m   W/ft)	Efficacy (lm/W)	CRI	UGR	CCT
	DOWN	UP	TOTAL	DOWN	UP					
DA	3420 lm/m   1060 lm/ft	-	3420 lm/m   1060 lm/ft	50°	-	26W/m   8W/ft	133	90+	<5	3000K 3500K 4000K
DB	3326 lm/m   1031 lm/ft	-	3326 lm/m   1031 lm/ft	76°	-	26W/m   8W/ft	129		<5	
DC	2620 lm/m   812 lm/ft	-	2620 lm/m   812 lm/ft	100°	-	40W/m   13W/ft	75.5		<19	
I	-	3113 lm/m   965 lm/ft	3113 lm/m   965 lm/ft	-	160°	26W/m   8W/ft	121		-	
DIA	3420 lm/m   1060 lm/ft	3113 lm/m   965 lm/ft	6533 lm/m   2025 lm/ft	50°	160°	52W/m   16W/ft	127		<5	
DIB	3326 lm/m   1031 lm/ft	3113 lm/m   965 lm/ft	6439 lm/m   1996 lm/ft	76°	160°	52W/m   16W/ft	125		<5	
DIC	2620 lm/m   812 lm/ft	3113 lm/m   965 lm/ft	5733 lm/m   1777 lm/ft	100°	160°	65W/m   21W/ft	94.7		<19	

## LUMINOUS INTENSITY DISTRIBUTION

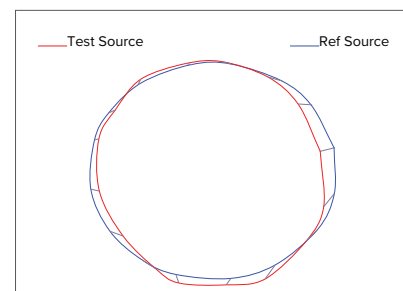


### TM-30

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

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

### COLOR VECTOR GRAPHIC



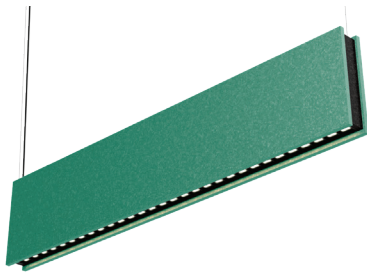
DA / DB / DC / I

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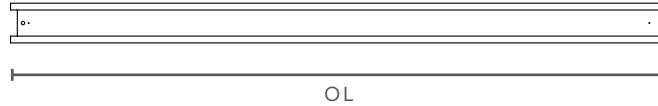
# LINEA (LX-LN)

TYPE: LX-LN-

## PHOTOMETRICS: SPECIFIC LENGTHS

### OUTPUT: SPECIFIC MODULES AND LENGTHS

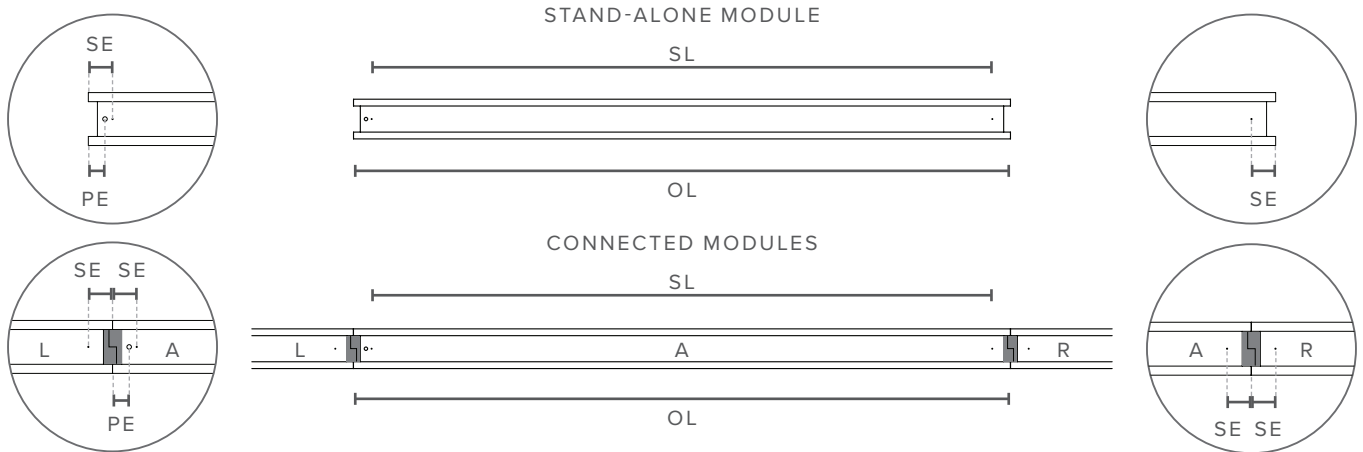
Please see below table and diagram indicating Overall Lengths (OL) and Output data for all Linea Modules.



	OL		DA		DB		DC		I		DIA		DIB		DIC	
	in	mm	lm	W	lm	W	lm	W	lm	W	lm	W	lm	W	lm	W
LN-2	24.4	620	2120	16	2062	16	1624	21.5	1930	16	4050	32	3992	32	3554	37.5
LN-3	35.4	900	3180	24	3093	24	2436	32	2895	24	6075	48	5988	48	5331	56
LN-4	46.5	1180	4240	32	4124	32	3248	42.5	3860	32	8100	64	7984	64	7108	74.5
LN-5	57.5	1460	5300	40	5155	40	4060	53	4825	40	10125	80	9980	80	8885	93
LN-6	68.5	1741	6360	48	6186	48	4872	63.5	5790	48	12150	96	11976	96	10662	111.5
LN-7	79.6	2021	7420	56	7217	56	5684	74	6755	56	14175	112	13972	112	12439	130
LN-8	90.6	2301	8480	64	8248	64	6496	84.5	7720	64	16200	128	15968	128	14216	148.5

## SUSPENSION POINTS AND POWER LOCATIONS

The location of the suspension points is always at the same distance from the nearest end of the module for lit and unlit versions. The location of the power point is always at the same distance from the nearest end of the modules. Please see table and diagram below for more detailed information.



	in				mm			
	OL	SL	SE	PE	OL	SL	SE	PE
LN-2	24.4	21.9	1.3	0.9	620	556	32	22
LN-3	35.4	32.9			900	836		
LN-4	46.5	43.9			1180	1116		
LN-5	57.5	55.0			1460	1396		
LN-6	68.5	66.0			1741	1677		
LN-7	79.6	77.0			2021	1957		
LN-8	90.6	88.1			2301	2237		

### LEGEND:

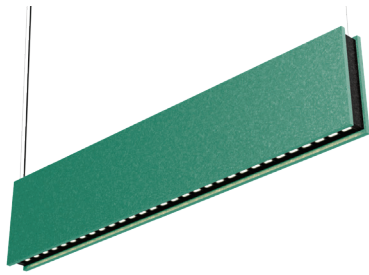
- OL: Overall Length of the module
- SL: Distance between Suspension Points
- SE: Distance between the suspension point and the closest end of the module
- PE: Distance between the power point and the closest end of the module

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# LINEA (LX-LN)

TYPE: LX-LN-

## TRULY INFINITE RUNS

As mentioned throughout this document, Linea modules can be easily connected together to create truly infinite runs. Below you'll see a table that can be used as guideline for creating these longer runs using the standard Linea Modules, from LN-2 to LN-8.

Please note that these longer runs don't have their own order code to allow for the highest level of customization for each module. For this reason, to order a longer run you will have to provide an order code for each of the modules included in it.

Run	Overall Length (ft-in)	Overall Length (in)	Overall Length (mm)	Module Configuration	Total delivered lumen output of the full run						
					DA	DB	DC	I	DIA	DIB	DIC
9	8ft-6in	102	2600	5 - 4	9540	9279	7308	8685	18225	17964	15993
10	9ft-7in	115	2920	5 - 5	10600	10310	8120	9650	20250	19960	17770
11	10ft-4in	124	3161	6 - 5	11660	11341	8932	10615	22275	21956	19547
12	11ft-4in	136	3442	6 - 6	12720	12372	9744	11580	24300	23952	21324
13	12ft-3in	147	3722	7 - 6	13780	13403	10556	12545	26325	25948	23101
14	13ft-2in	158	4002	7 - 7	14840	14434	11368	13510	28350	27944	24878
15	14ft-1in	169	4282	8 - 7	15900	15465	12180	14475	30375	29940	26655
16	15ft-0in	180	4562	8 - 8	16960	16496	12992	15440	32400	31936	28432
17	15ft-11in	191	4862	6 - 5 - 6	18020	17527	13804	16405	34425	33932	30209
18	16ft-10in	202	5143	6 - 6 - 6	19080	18558	14616	17370	36450	35928	31986
19	17ft-10in	214	5423	6 - 7 - 6	20140	19589	15428	18335	38475	37924	33763
20	18ft-9in	225	5703	6 - 8 - 6	21200	20620	16240	19300	40500	39920	35540
21	19ft-8in	236	5983	7 - 7 - 7	22260	21651	17052	20265	42525	41916	37317
22	20ft-7in	247	6263	7 - 8 - 7	23320	22682	17864	21230	44550	43912	39094
23	21ft-6in	258	6543	8 - 7 - 8	24380	23713	18676	22195	46575	45908	40871
24	22ft-5in	269	6823	8 - 8 - 8	25440	24744	19488	23160	48600	47904	42648
25	23ft-4in	280	7124	7 - 6 - 6 - 6	26500	25775	20300	24125	50625	49900	44425
26	24ft-3in	291	7404	7 - 6 - 6 - 7	27560	26806	21112	25090	52650	51896	46202
27	25ft-2in	302	7664	7 - 7 - 7 - 6	28620	27837	21924	26055	54675	53892	47979
28	26ft-2in	314	7964	7 - 7 - 7 - 7	29680	28868	22736	27020	56700	55888	49756
29	27ft-1in	325	8244	8 - 7 - 7 - 7	30740	29899	23548	27985	58725	57884	51533
30	28ft-0in	336	8524	8 - 7 - 7 - 8	31800	30930	24360	28950	60750	59880	53310
31	28ft-11in	347	8825	6 - 6 - 7 - 6 - 6	32860	31961	25172	29915	62775	61876	55087
32	29ft-10in	358	9105	7 - 6 - 6 - 6 - 7	33920	32992	25984	30880	64800	63872	56864
33	30ft-9in	369	9385	6 - 7 - 7 - 7 - 6	34980	34023	26796	31845	66825	65868	58641
34	31ft-9in	381	9665	7 - 7 - 6 - 7 - 7	36040	35054	27608	32810	68850	67864	60418
35	32ft-8in	392	9945	7 - 7 - 7 - 7 - 7	37100	36085	28420	33775	70875	69860	62195
36	33ft-7in	403	10225	7 - 7 - 8 - 7 - 7	38160	37116	29232	34740	72900	71856	63972
37	34ft-6in	414	10505	8 - 7 - 7 - 7 - 8	39220	38147	30044	35705	74925	73852	65749
38	35ft-5in	425	10785	7 - 8 - 8 - 8 - 7	40280	39178	30856	36670	76950	75848	67526
39	36ft-4in	436	11065	8 - 8 - 7 - 8 - 8	41340	40209	31668	37635	78975	77844	69303
40	37ft-3in	447	11345	8 - 8 - 8 - 8 - 8	42400	41240	32480	38600	81000	79840	71080

Exemple d'utilisation:

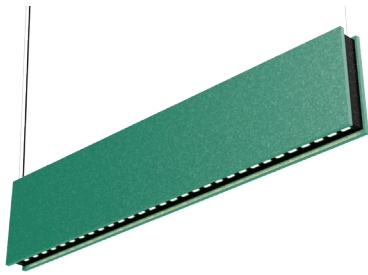
Si nous souhaitons obtenir une ligne complète d'environ \$6 \text{ m}\$ / \$20 \text{ pieds}\$, la longueur la plus proche est la Ligne 21 à \$5938 \text{ mm}\$ / \$19 \text{ pieds}-8 \text{ pouces}\$. Cela nécessiterait \$3\$ modules \$(LN)-7\$ :

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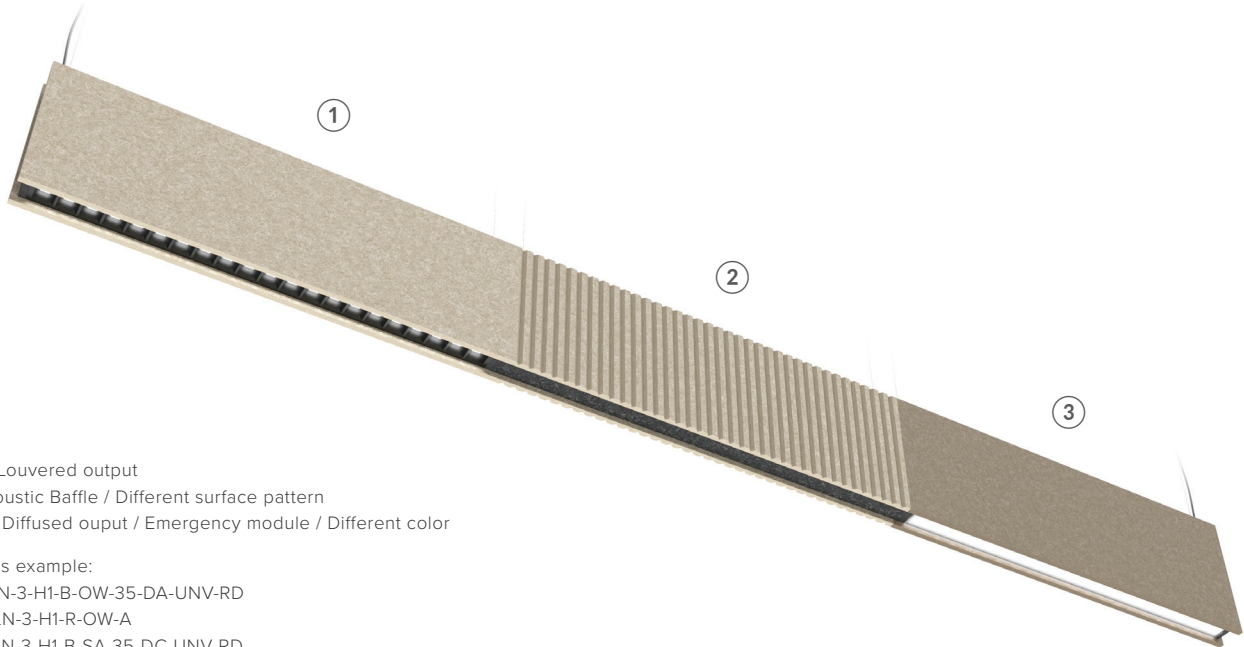


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TYPE: LX-LN-

## MODULARITY AND INFINITE POSSIBILITIES

Linea Modules offer unparalleled design flexibility by allowing you to create truly infinite runs with no power or driver limitations. This modularity also gives you the freedom to combine different types of modules—including lit, acoustic, and emergency options—as well as various colors and finishes, all within a single fixture.



- 1. DA Louvered output
- 2. Acoustic Baffle / Different surface pattern
- 3. DC Diffused output / Emergency module / Different color

On this example:

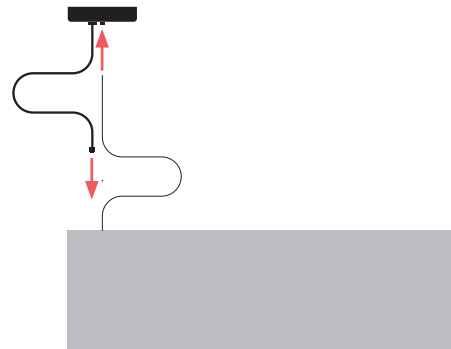
- 1. 1x LN-3-H1-B-OW-35-DA-UNV-RD
- 2. 1x LN-3-H1-R-OW-A
- 3. 1x LN-3-H1-B-SA-35-DC-UNV-RD

## INDEPENDENT POWER CONNECTOR

Our UL listed, pre-assembled power line connectors are designed for a safe and fast installation process.

These connectors can be shipped in advance with the canopy, enabling electrical work to be completed on-site before the fixtures arrive.

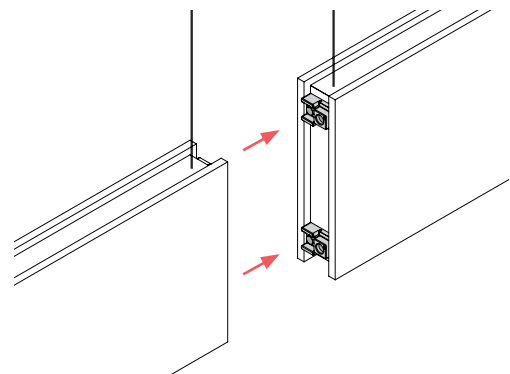
This minimizes installation time and protects the fixtures from potential damage during ongoing construction.



## MAGNETIC MODULE CONNECTOR

Our magnetic connectors facilitate quick and easy module connections. Their strong magnetic power and precise design create a robust, tool-free link in record time. Simply bring the modules together, and they will securely connect.

Installation on-site is equally straightforward, allowing you to swiftly convert a standalone module into a connected one. This flexibility enables easy reconfiguration of your space whenever needed

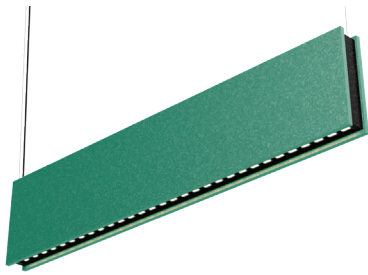


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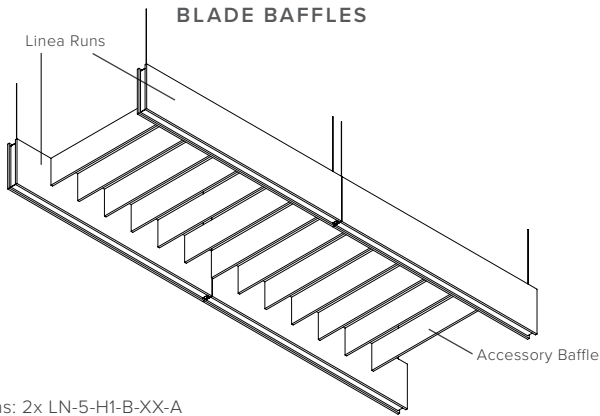


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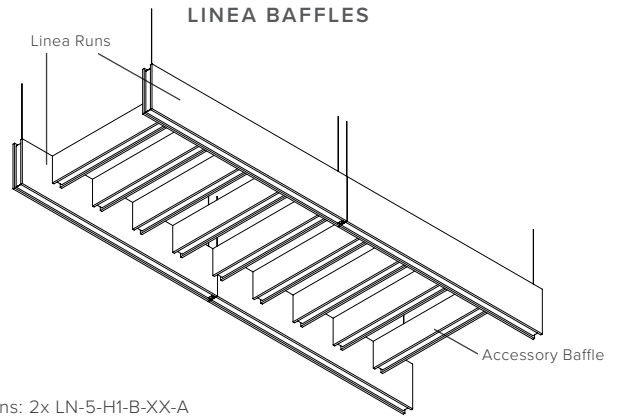
TYPE: LX-LN-

## ACCESSORY BAFFLES

Maximize the acoustic performance of adjacent, parallel Linea runs by combining them with accessory baffles. These baffles, available in two versions, are easy to install as they do not require individual suspension



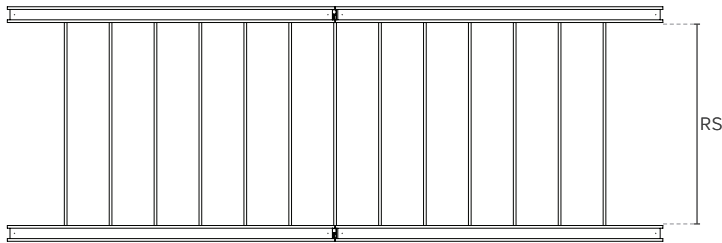
Linea Runs: 2x LN-5-H1-B-XX-A  
 Blade Accessory Baffles: 13x BL-3-H0-S-XX-AA  
 Spacing between Baffles: 200mm  
 Total Suspension Points: 8



Linea Runs: 2x LN-5-H1-B-XX-A  
 Linea Accessory Baffles: 9x LN-3-H0-B-XX-AA  
 Spacing between Baffles: 300mm  
 Total Suspension Points: 8

### REQUIREMENTS

Accessory baffles necessitate a minimum of two adjacent parallel runs for secure attachment without requiring additional suspension points. The spacing between these runs (RS) need to be dictated by the module lengths for both Linea (LN) and Blade (BL). See diagram and table below for more information:



	RS	
	in	mm
LN-2 / BL-2	24.4	620
LN-3 / BL-3	35.4	900
LN-4 / BL-4	46.5	1180
LN-5 / BL-5	57.5	1460
LN-6 / BL-6	68.5	1741
LN-7 / BL-7	79.6	2021
LN-8 / BL-8	90.6	2301

### ORDERING METHOD

#### EXAMPLE: LX - BL - 3 - H0 - S - SA - AA

(Luxxbox Blade, Length 3 (900mm / 35.4"), H0 Height (6.8" / 174mm), Square Corners, Accessory

LX - BL	LENGTH	HEIGHT	CORNER	COLOR	TYPE
BL	Use length code as shown on table above.	H0 174mm (6.8") H1 290mm (11.4") H2 580mm (23")	S Square	Use color codes as shown on pg. 2	AA Acoustic Accessory Baffle

#### EXAMPLE: LX - LN - 3 - H0 - B - SA - AA

(Luxxbox Linea, Length 3 (900mm / 35.4"), H0 Height (6.8" / 174mm), Pattern Basica, Accessory

LX - LN	LENGTH	HEIGHT	PATTERN	COLOR*	TYPE
LN	Use length code as shown on pg. 4	H0 174mm (6.8") H1 290mm (11.4") H2 580mm (23")	B Basica R Ranura	Use color codes as shown on pg. 2	AA Acoustic baffle

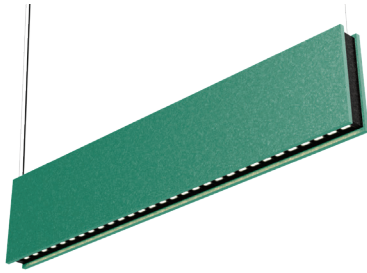
\*Core always in Charcoal

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# LINEA (LX-LN)

TYPE: LX-LN-

## DRIVER INFORMATION

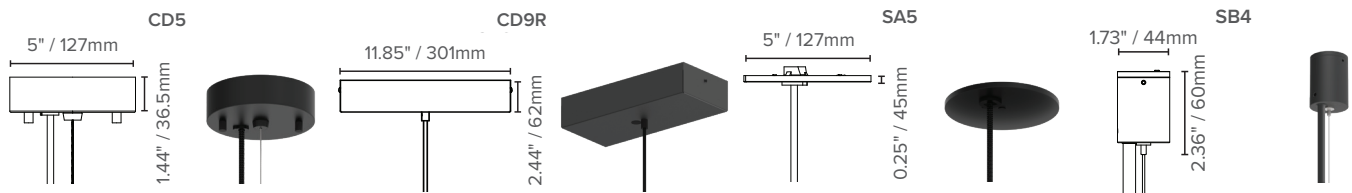
		MAX WATTAGE (W)				MAX VOLTAGE (V)	COMPLIANCE
		DA / DB	DC	DIA / DIB	DIC		
<b>UNIVERSAL (UNV)</b> 0-10V - 1% dimming 110 - 277 VAC <i>(North America only)</i>	LX-LN-2	16 W	21 W	32 W	37 W	40V	
	LX-LN-3	24 W	31.5 W	48 W	55.5 W		
	LX-LN-4	32 W	42 W	64 W	74 W		
	LX-LN-5	40 W	52.5 W	80 W	92.5 W		
	LX-LN-6	48 W	63 W	96 W	111 W		
	LX-LN-7	56 W	73.5 W	112 W	129.5 W		
	LX-LN-8	64 W	84 W	128 W	148 W		
<b>GLOBAL (G)</b> 1% DSI/DALI 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	OUTPUT & LENGTHS APPLICABLE			
			DA / DB	DC	DIA / DIB	DIC
UNV	CD	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-8	LX-LN-5 to LX-LN-8	LX-LN-4 to LX-LN-8	LX-LN-3 to LX-LN-8
	RD	SA5	All	All	All	All
G	RD	SB4	All	All	All	All

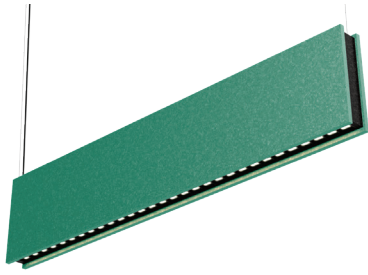


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# LINEA (LX-LN)

TYPE: LX-LN-

## 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	PET: GreenTag Certification / GreenRate: Level A
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 m <sup>2</sup> K/W	
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.

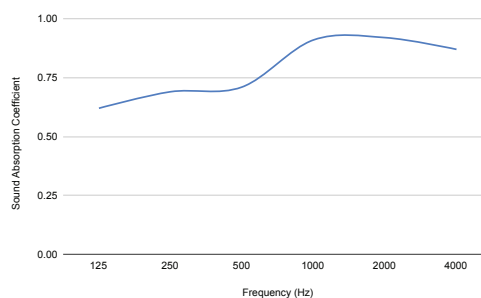
## ACOUSTIC PROPERTIES

Our Linea, Tessell and Mesh ranges are made out of a hollow structure that enhances acoustic performance by absorbing sound waves and trapping them within its cavity. Below you will find information about the acoustic properties of this material technology. This data will only reflect the capacity of sound absorption of the material technology, and it's not related to a specific Shape or Size.

For detailed information about the acoustic properties of the product, please see p.10.

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.

Frequency (Hz)	Sound Absorption Coefficient
125	0.69
250	0.92
500	0.96
1000	0.76
2000	0.79
4000	0.74



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.

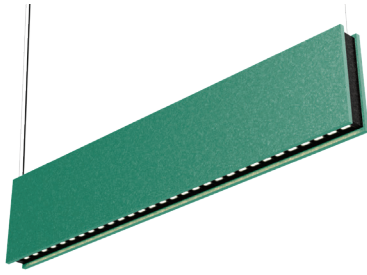
NRC	0.85
SAA	0.83
aw	0.85

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# LINEA (LX-LN)

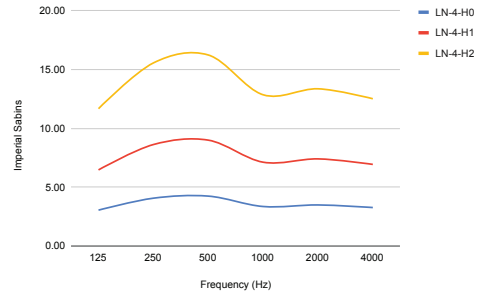
TYPE: LX-LN-

## PRODUCT ACOUSTIC PROPERTIES

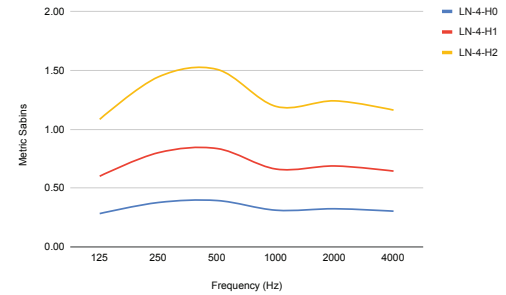
### HEIGHT COMPARISON

Compare this product's LN-4 (1160mm / 46") height options (H0: 174mm / 6.8", H1: 290mm / 11.4", H2: 580mm / 22.8") using the data and graphs below. Data reflects single module Sabins; multiply by module count for total assembly Sabins.

SABINS (FT <sup>2</sup> )	Frequency (Hz)	Sound Absorption Coefficient	LN-4		
			H0	H1	H2
	125	0.69	3.05	6.46	11.66
	250	0.92	4.06	8.62	15.55
	500	0.96	4.24	8.99	16.22
	1000	0.76	3.35	7.12	12.84
	2000	0.79	3.49	7.40	13.35
	4000	0.74	3.27	6.93	12.51



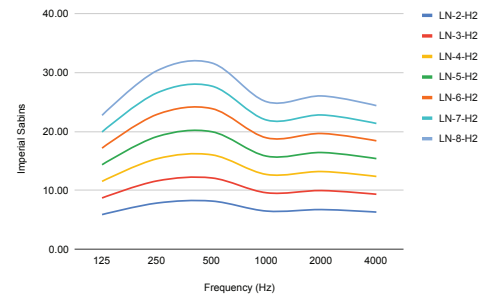
SABINS (M <sup>2</sup> )	Frequency (Hz)	Sound Absorption Coefficient	LN-4		
			H0	H1	H2
	125	0.69	0.28	0.60	1.08
	250	0.92	0.38	0.80	1.44
	500	0.96	0.39	0.84	1.51
	1000	0.76	0.31	0.66	1.19
	2000	0.79	0.32	0.69	1.24
	4000	0.74	0.30	0.64	1.16



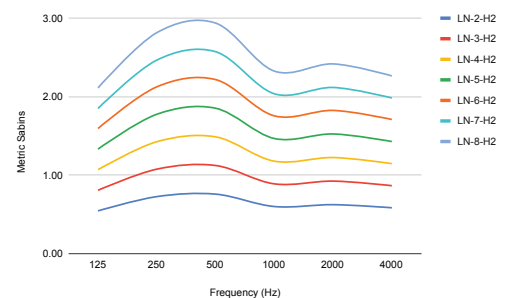
### LENGTH COMPARISON

Compare length options, focusing on H2 (580mm / 22.8"). Data shows the difference across its seven length options per module. For full assembly Sabins, multiply single module data by the number of modules.

SABINS (FT <sup>2</sup> )	Frequency (Hz)	Sound Absorption Coefficient	H2						
			LN-2	LN-3	LN-4	LN-5	LN-6	LN-7	LN-8
	125	0.69	5.87	8.69	11.66	14.33	17.16	19.90	22.73
	250	0.92	7.82	11.59	15.55	19.11	22.88	26.54	30.30
	500	0.96	8.16	12.09	16.22	19.94	23.87	27.69	31.62
	1000	0.76	6.46	9.57	12.84	15.79	18.90	21.92	25.03
	2000	0.79	6.72	9.95	13.35	16.41	19.64	22.79	26.02
	4000	0.74	6.29	9.32	12.51	15.37	18.40	21.35	24.37



SABINS (M <sup>2</sup> )	Frequency (Hz)	Sound Absorption Coefficient	H2						
			LN-2	LN-3	LN-4	LN-5	LN-6	LN-7	LN-8
	125	0.69	0.55	0.81	1.08	1.33	1.59	1.85	2.11
	250	0.92	0.73	1.08	1.44	1.78	2.13	2.47	2.82
	500	0.96	0.76	1.12	1.51	1.85	2.22	2.57	2.94
	1000	0.76	0.60	0.89	1.19	1.47	1.76	2.04	2.33
	2000	0.79	0.62	0.92	1.24	1.52	1.82	2.12	2.42
	4000	0.74	0.58	0.87	1.16	1.43	1.71	1.98	2.26



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