

LINEA 2 (LN2) SERIES

LINEAR GENERAL PURPOSE LIGHTING



PROJECT

TYPE

NOTES

FEATURES

DESCRIPTION

Linea 2 is a series of linear lighting fixtures, high-performance, architectural and specification grade, ideal for wide range of versatile commercial and residential applications

CONSTRUCTION

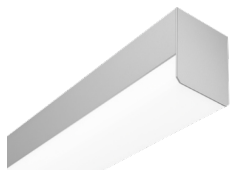
High quality precision extruded aluminum housing
High quality extruded acrylic lens in various shapes
Premium LED boards, LED drivers and other components.

PERFORMANCE

90CRI, 27K, 3K, 35K, 4K, RGBW, Tunable white & Dim-warm
Low, medium & high lumens up 1100/ft & custom up to 1800/ft.
Various options of LED drivers, programmable and 0-10V dimming
standard symmetric and asymmetric options

CUSTOMIZATION

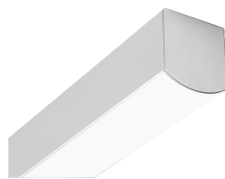
Various options of lens, LED types, LED colors, LED drivers, configurations, mounting, accessories, finishes & lengths to customize your fixture



LN2-SL SQUARE LENS



LN2-RL ROUND LENS



LN2-FRL FLAT ROUNDED LENS

SERIES	LED TYPE	LUMENS	DRIVER	CONFIG	MOUNTING	OPTIONS	END CAPS	FINISH	LENGTH
<u>STANDARD</u>	<u>STANDARD LED</u>	<u>FOR STANDARD LED</u>		SL STANDARD LEGTHS CL CUSTOM LENGTHS CD CUSTOM DESIGN	<u>SURFACE MOUNT</u>	<u>EM PACKS</u>	<u>STANDARD</u>	S SATIN (Standard) W WHITE (Standard) B BLACK (Premium) C CUSTOM (Premium) (Specify RAL#) A ANTIMICROBIAL (Premium)	<u>STANDARD</u>
LN2-SL	27K 2700k	L LOW	UNV0% 0-10V0%		SM STANDARD MOUNT	EM1 800 LUMENS	BEK BOTH ENDS K/O		2'
LN2-RL	30K 3000k	M MEDIUM	UNV1% 0-10V1%		JBP J BOX PLATE	EM2 1400 LUMENS	OEK ONE END K/O		3'
LN2-FRL	35K 3500k	H HIGH	UNV10% 0-10V10%						WB WALL BRACKET
	40K 4000k	CL CUSTOM LUMENS	UNVCD% 0-10VCD				5'		
		TRIAC 2 WIRE						6'	
		DALI DALI						7'	
		LTRN LUTRON						8'	
<u>ASYMMETRIC</u>								9'	
LN2A-SL	<u>SPECIAL LED</u>	<u>FOR SPECIAL LED</u>			<u>SUSPENDED MOUNT</u>			10'	
LN2A-RL	R RED G GREEN B BLUE RGBW RGBW DTW DIM TO WARM TW TUNABLE WHITE	Specify required lumens or consult factory	Refer to driver options in compatibility chart or consult factory		CSK36 36" CABLE KIT			11'	
LN2A-FRL					CSK48 48" CABLE KIT			CUSTOM LENGTHS	
					CSK72 72" CABLE KIT			Specify	
Refer to PG. 1-3	Refer to PG. 4	Refer to PG. 4	Refer to PG. 4	Refer to PG. 5	Refer to PG. 6, 7	Refer to PG. 8	Refer to PG. 8	Refer to PG. 9	Refer to PG. 9



LINEA 2 (LN2) SERIES

SPECIFICATIONS



SPECIFICATIONS

HOUSING

High quality extruded aluminum snap together housing up to 12' long in one and single continuous housing.

LENS

Extruded, snap on, DR acrylic with white frosted finish for widespread, even light distribution and no pixelation.

Three: **FRL** -flat rounded lens, **RL** -rounded lens, **SL** -square lens, refer to page 1 & 3 for more details and options.

LED'S

Standard LED'S 60,000 hours. (L70), High uniformity 90CRI, 2700K TO 4000K, refer to page 4 for lumen details and options.

Special LED'S red, green, blue, RGBW, Dim to warm, Tunable white, refer to page 4 for details and options.

LED DRIVERS (Integral)

Integral, universal voltage (120/277), 0-10V with custom program dimming options, Triac, Dali, Lutron, refer to page 4 for details and options.

CONFIGURATION

(SL) Standard lengths configuration is for fixtures 2' to 12' long in one single housing, refer to page 5 for details and options.

(CL) Custom lengths configuration is for fixtures longer than 12', refer to page 5 for details and options.

(CD) Custom design configuration is for fixtures with any length in a custom design, refer to page 5 for details and options.

MOUNTING

Surface Mount This option allows for standard inside screw mount, wall bracket and J box plate, refer to page 6 for details and options.

Suspended Mount This option includes a complete cable suspension kits in lengths of 36", 48" and 72", refer to page 7 for details and options.

OPTIONS

EM Packs Two options of self contained emergency lighting, 800 and 1400 lumens, refer to page 8 for details and options.

Sensors Bi-level motion sensors, pre-installed, need to be programmed in the field, refer to page 8 for details and options.

ENDCAPS

Standard 1/16" Aluminum construction, pre-installed and matches housing finish, refer to page 8 for details and options.

Architectural 1/4" Aluminum construction, pre-installed and matches housing finish, refer to page 8 for details and options.

FINISH

Anodized, powder coat and polyester liquid paint.

Satin and white are standard finishes

Black, custom colors and antimicrobial white finishes are premium powder coat colors (additional cost). Refer to page 9 for details and options.

FIXTURE LENGTHS

Standard Lengths 2' to 12' long in one single and continuous housing, refer to page 9 for details and options.

Custom Lengths Specify, longer lengths are made by connecting multiple fixtures, refer to page 9 for details and options.

Custom Designs This option allows you to create your own design, a drawing is required, refer to page 9 for details and options.

WARRANTY

Limited Warranty 5 year limited warranty, see [Warranty](#) for full terms.

COMPLIANCE CERTIFICATIONS



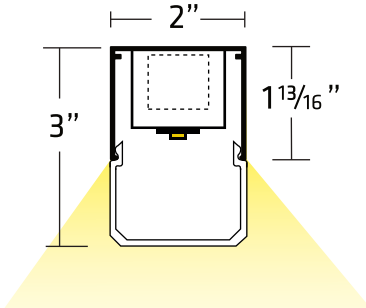
LINEA 2 (LN2) SERIES

SERIES



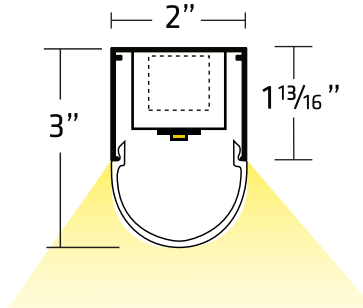
SYMMETRIC (STANDARD)

Refer to page 10 for light distribution / photometric information



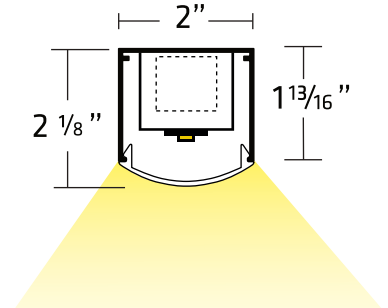
LN2-SL

LINEA 2 SQUARE LENS



LN2-RL

LINEA 2 ROUND LENS

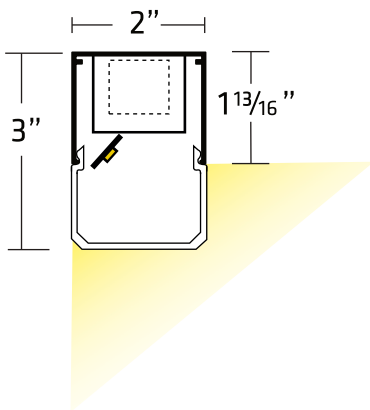


LN2-FRL

LINEA 2 FLAT ROUNDED LENS

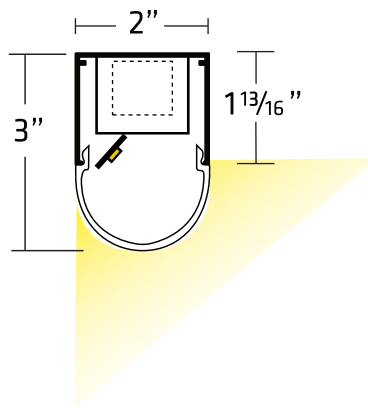
ASYMMETRIC (OPTIONAL)

Refer to page 11 for light distribution / photometric information



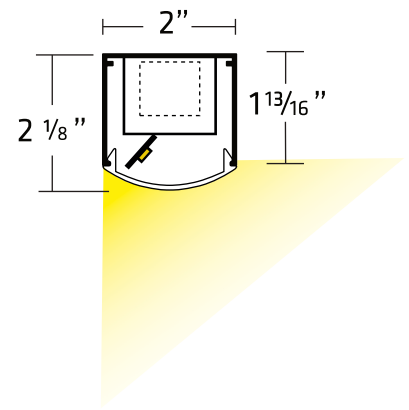
LN2A-SL

LINEA 2 ASYMMETRIC
SQUARE LENS



LN2A-RL

LINEA 2 ASYMMETRIC
ROUND LENS



LN2A-FRL

LINEA 2 ASYMMETRIC
FLAT ROUNDED LENS

LINEA 2 (LN2) SERIES

LED TYPES - DRIVERS



LED TYPES

STANDARD LED'S		DESCRIPTION									
COLOR		CRI	(L) LOW LUMENS			(M) MEDIUM LUMENS			(H) HIGH LUMENS		
27K	2700K	CRI90	433 L/FT	3.5 W/FT	120 L/W	760 L/FT	6.5 W/FT	117 L/W	1026 L/FT	9.0 W/FT	114 L/W
30K	3000K	CRI90	448 L/FT	3.5 W/FT	124 L/W	787 L/FT	6.5 W/FT	121 L/W	1062 L/FT	9.0 W/FT	118 L/W
35K	3500K	CRI90	463 L/FT	3.5 W/FT	129 L/W	814 L/FT	6.5 W/FT	125 L/W	1098 L/FT	9.0 W/FT	122 L/W
40K	4000K	CRI90	478 L/FT	3.5 W/FT	133 L/W	840 L/FT	6.5 W/FT	129 L/W	1134 L/FT	9.0 W/FT	126 L/W

(CL) Custom Lumens / ft, or (CW) custom watts / ft available. Higher Kelvin also available, consult factory.

SPECIAL LED'S	DESCRIPTION		LUMENS
R	RED	Static Red LED	Specify Required Lumens or Consult Factory
G	GREEN	Static Green LED	
B	BLUE	Static Blue LED	
RGBW	RGBW	Color Tuning	
DTW	DIM TO WARM	4000k - 1800K	
TW	TUNABLE WHITE	2700k - 6500K	

Specify or consult factory for any other type of LED requirements not shown above such as led type, LED color, lumens, etc.

LED DRIVERS (Integral)

DRIVER	DESCRIPTION			
UNV0%	0 - 10V Dimming Driver	0 % Dimming (Dim to Off)	120/277V	(347V Available)
UNV1%	0 - 10V Dimming Driver	1% Dimming	120/277V	(347V Available)
UNV10%	0 - 10V Dimming Driver	10% Dimming	120/277V	(347V Available)
UNV(CD)%	0 - 10V Dimming Driver	Custom Dimming (Specify %)	120/277V	(347V Available)
TRIAC	2 Wire Dimming Driver	2 Wire Phase Triac Dimming	120/277V	
DALI	Dali Dimming Driver	Dali, Specify Dali Type Required	120/277V	(347V Available)
LTRN	Lutron Dimming Driver	Lutron, Specify Type Required	120/277V	

Specify or consult factory for any other type of LED DRIVER requirements not shown above.

LED TYPES & DRIVERS COMPATIBILITY

STANDARD LED'S	DRIVER						
27K	UNV0%	UNV1%	UNV10%	UNVCD%	TRIAC	DALI	LUTRON
30K	UNV0%	UNV1%	UNV10%	UNVCD%	TRIAC	DALI	LUTRON
35K	UNV0%	UNV1%	UNV10%	UNVCD%	TRIAC	DALI	LUTRON
40K	UNV0%	UNV1%	UNV10%	UNVCD%	TRIAC	DALI	LUTRON

SPECIAL LED'S							
R	UNV0%	UNV1%	UNV10%	UNVCD%	TRIAC	DALI	LUTRON
G	UNV0%	UNV1%	UNV10%	UNVCD%	TRIAC	DALI	LUTRON
B	UNV0%	UNV1%	UNV10%	UNVCD%	TRIAC	DALI	LUTRON
RGBW						DALI	LUTRON
DTW	UNV0%	UNV1%	UNV10%	UNVCD%		DALI	LUTRON
TW	UNV0%	UNV1%	UNV10%	UNVCD%		DALI	LUTRON

Specify or consult factory for any other type of LED DRIVER requirements not shown above.

LINEA 2 (LN2) SERIES

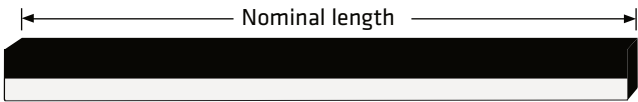
CONFIGURATION



(SL) - STANDARD LENGTHS

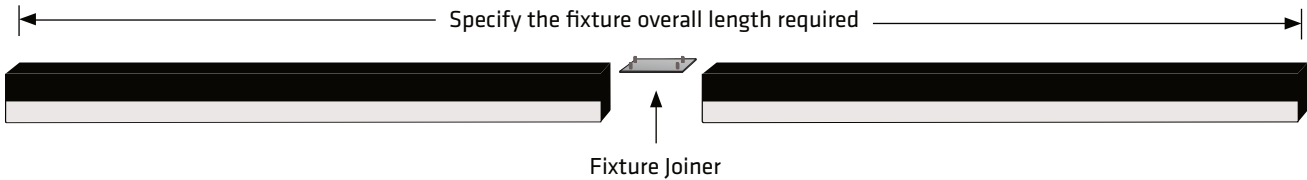
Standard lengths are available from 2' up to 12' long in on single and continuous housing. See chart below for all available standard lengths

NOMINAL LENGTH	2'	3'	4'	5'	6'	7'	8'	9'	10'	11'	12'
ACTUAL LENGTH	25"	34"	49"	56"	73"	89"	97"	111"	121"	133"	145"



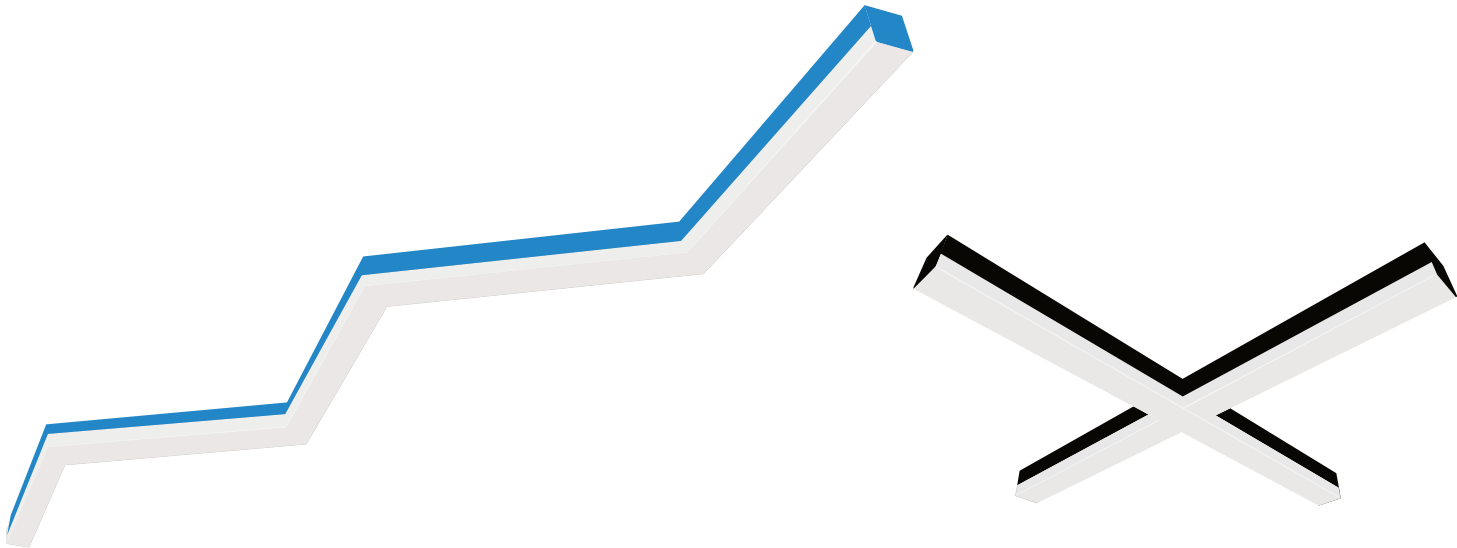
(CL) - CUSTOM LENGTHS

Custom lengths are made with multiple fixtures connected end to end with our joiners



(CD) - CUSTOM DESIGNS

Linea 2 series offers the flexibility to create custom designs in a unlimited shapes and sizes for both pendant & surface mount applications. Below are some examples of custom designs with custom colors. Drawings with specific dimensions are required for custom designs.



LINEA 2 (LN2) SERIES

MOUNTING - SURFACE MOUNT



(SM) - STANDARD MOUNT

Inside screw mount

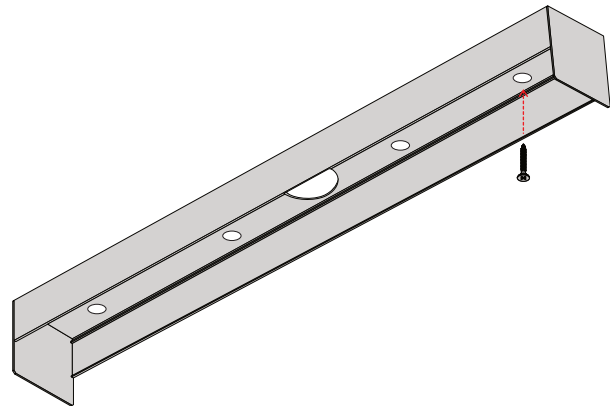
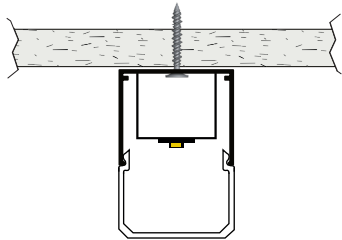
1/4" Mounting holes provided evenly spaced on back channel.

1/2" Back center service hole provided for surface mount applications when using blank endcaps.

2' Fixtures requires off center service hole due to 12" driver, (FD) field drill optional.

Narrow housing will not cover recessed J-box, whip feed recommended.

Use optional "JBP" J box canopy plate, see below.

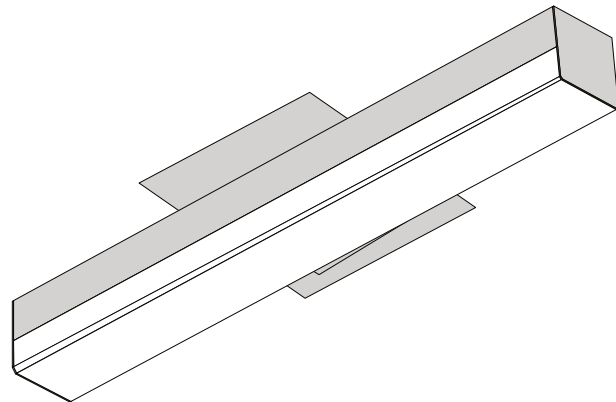
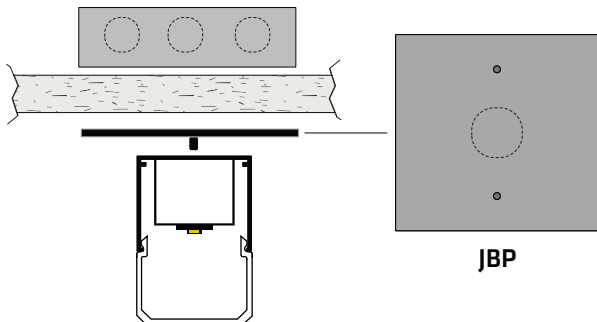


(JBP) - J BOX PLATE

5" Flat canopy plate to cover J-Box, JBP matches fixture finish.

Fixture mounts same as (SM)-standard mount above.

JBP shipped separately.



(WB) - WALL BRACKET

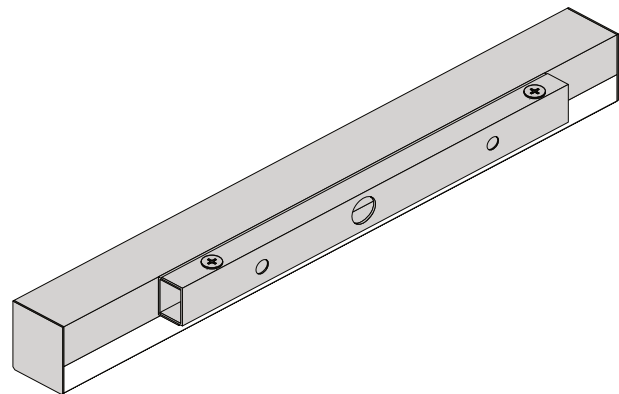
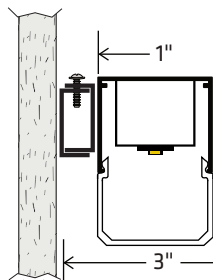
The wall bracket is the length of the fixture minus 6" on each end.

1/2' Center service hole provided on mounting bracket and fixture

1/4" mounting holes provided evenly spaced on wall bracket

Whip feed recommended. JBP can also be used with wall bracket.

ADA compliant.



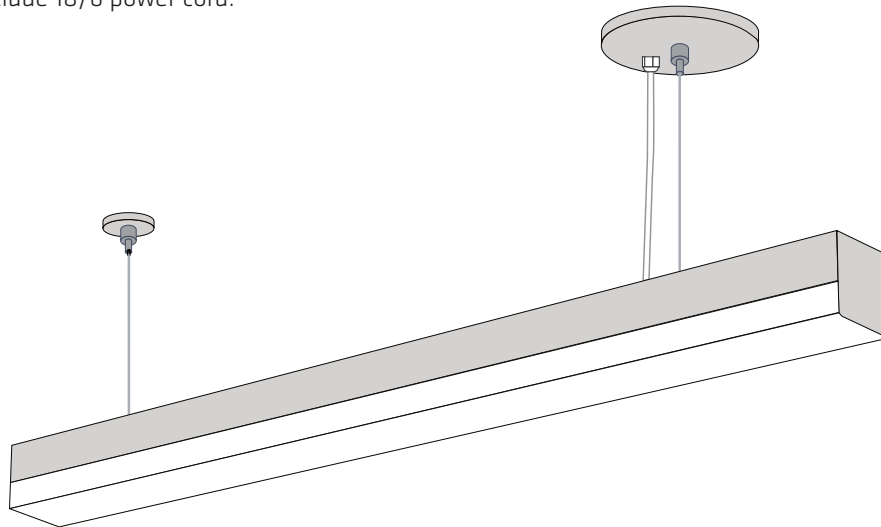
LINEA 2 (LN2) SERIES

MOUNTING - SUSPENDED MOUNT



SUSPENDED MOUNT NOTES

Aircraft cable suspension kits are used for all pendant mount fixtures.
Cables are installed 6" from the end of the fixture, as shown in the drawing at the bottom of this page.
Custom pendant spacing available, specify or consult factory.
Fixtures with lengths over 8' require center cable support.
Canopies white finish standard, consult factory for other finishes.
Power cord white standard, black available upon request.
Fixtures with EM options include 18/6 power cord.

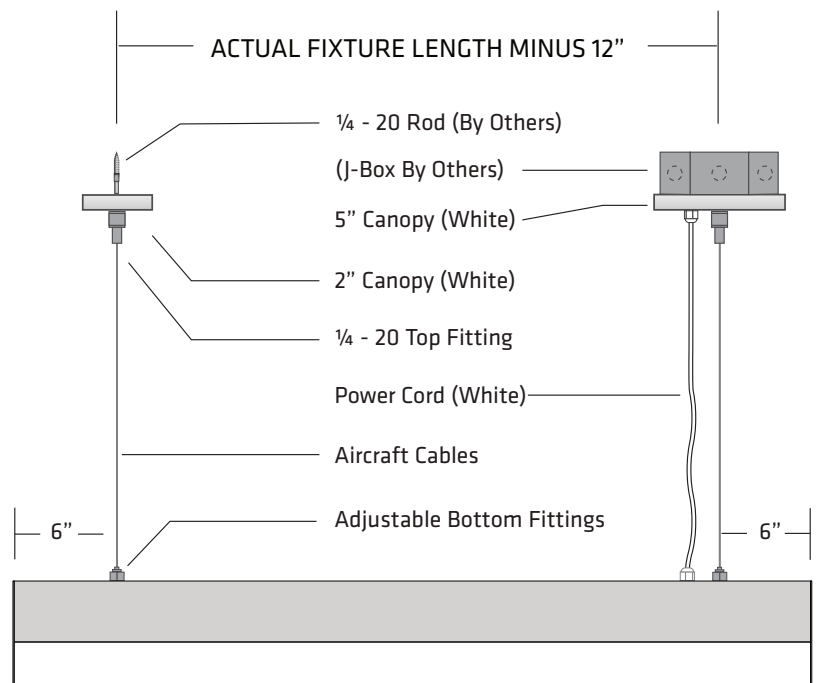


CABLE SUSPENSION KITS

PART NO.	DESCRIPTION
CSK36	36" CABLE SUSPENSION KIT
CSK48	48" CABLE SUSPENSION KIT
CSK72	72" CABLE SUSPENSION KIT

CABLE SUSPENSION KIT INCLUDES:

- (1) 5" White canopy with mounting hardware
 - (1) 2" White canopy
 - (2) Top fittings for 1/4-20 Rod
 - (1) Power cord pre-wired to fixture 18/5 white SVT
 - (2) Aircraft cables 36" 48" or 72", (other lengths available)
 - (2) Adjustable bottom fittings pre-attached to fixture
- * Canopies white finish standard, consult factory for other finishes
* Custom pendant spacing available, specify or consult factory
* Lengths over 8' require center cable support
* EM options include 18/6 power cord



LINEA 2 (LN2) SERIES

OPTIONS - ENDCAPS



EM PACKS

EM PACKS are pre-installed inside the fixture with test-switch also included and pre-installed. Specify or consult factory for other type of emergency lighting requirements.

PART NO.	LUMENS	OPERATION TIME
EM1	800 LUMENS	90 MINUTES
EM2	1400 LUMENS	90 MINUTES



SENSORS

Bi-level motion sensors are pre-installed and need to be programmed in the field, programming instructions are included. Sensor is mounted under the lens; it adds 3" to the length of the fixture. Specify or consult factory for other type of sensors requirements.

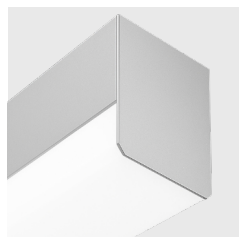
PART NO.	DESCRIPTION
MSP	BI-LEVEL MOTION SENSOR



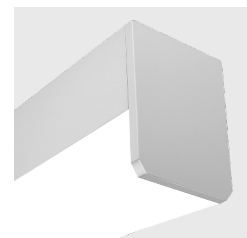
ENDCAPS

Standard 1/16" aluminum construction
Architectural 1/4" aluminum construction
Pre Installed and match housing finish
1/2" back center service hole provided for surface standard mount when using blank endcaps.
Field drilled K/O optional.

ENDCAP TYPE	PART NO.	DESCRIPTION
STANDARD	BEK	BOTH ENDS K/O
	OEK	ONE END K/O
	BE	BLANK ENDCAPS
ARCHITECTURAL	ABE	BLANK ENDCAPS



STANDARD



ARCHITECTURAL

LINEA 2 (LN2) SERIES

FINISH - FIXTURE LENGTHS



FINISH OPTIONS

Anodized, powder coat and polyester liquid paint.
Satin and white are standard finishes.
Black, custom colors and antimicrobial white are premium powder coat colors (additional cost)
The actual color of the product may vary from what is seen on electronic devices.
We cannot guarantee that the color you see on your screen accurately reflects the true color of the product.



S - SATIN
Standard
(Clear Anodized)



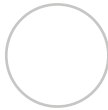
W - WHITE
Standard
(Powder Coat, liquid paint)



B - BLACK
Premium
(Powder Coat)



C - CUSTOM COLOR
Premium
(Powder Coat, [Provide RAL#](#))



A - ANTI MICROBIAL
Premium
(Powder Coat White)

FIXTURE LENGTHS

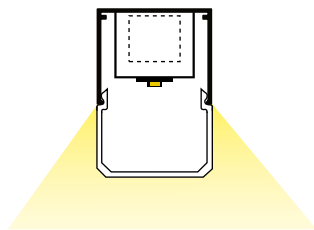
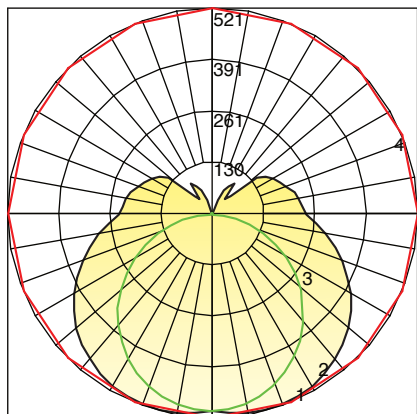
STANDARD LENGTHS	NOMINAL LENGTH	2'	3'	4'	5'	6'	7'	8'	9'	10'	11'	12'
	ACTUAL LENGTH	25"	34"	49"	56"	73"	89"	97"	111"	121"	133"	145"

CUSTOM LENGTHS	Specify the fixture overall length required. Custom lengths are made with multiple fixtures connected end to end with our joiners.
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CUSTOM DESIGN	Provide a drawing with clear and specific dimensions and details.
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LINEA 2 (LN2) SERIES

SYMMETRIC PHOTOMETRICS



LN2-SL

LINEA 2 SQUARE LENS

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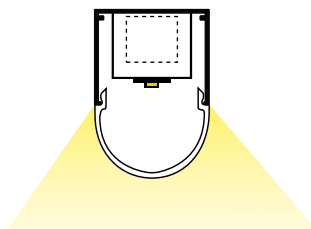
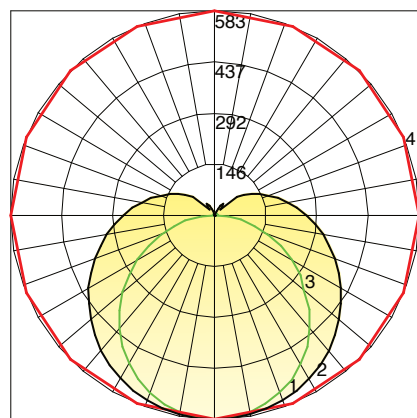
Maximum Candela = 521 Located At Horizontal Angle = 90, Vertical Angle = 15

1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)

2 - Vertical Plane Through Horizontal Angles (90 - 270)

3 - Vertical Plane Through Horizontal Angles (0 - 180)

4 - Horizontal Cone Through Vertical Angle (15) (Through Max. Cd.)



LN2-RL

LINEA 2 ROUND LENS

PHOTOMETRIC FILE NAME : L072512403.IES

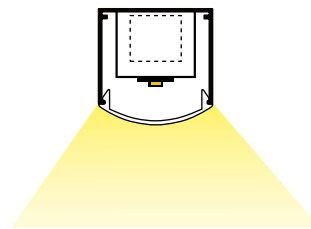
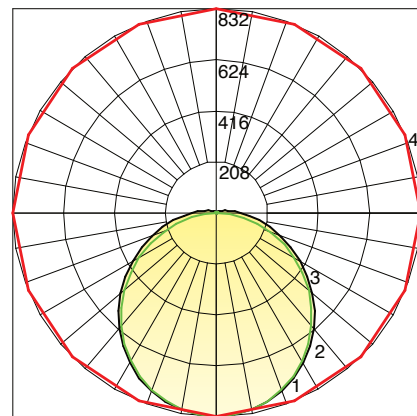
Maximum Candela = 583 Located At Horizontal Angle = 0, Vertical Angle = 0

1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)

2 - Vertical Plane Through Horizontal Angles (90 - 270)

3 - Vertical Plane Through Horizontal Angles (0 - 180)

4 - Horizontal Cone Through Vertical Angle (0) (Through Max. Cd.)



LN2-FRL

LINEA 2 FLAT ROUNDED LENS

PHOTOMETRIC FILE NAME : L072512402.IES

Maximum Candela = 832 Located At Horizontal Angle = 0, Vertical Angle = 0

1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)

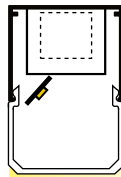
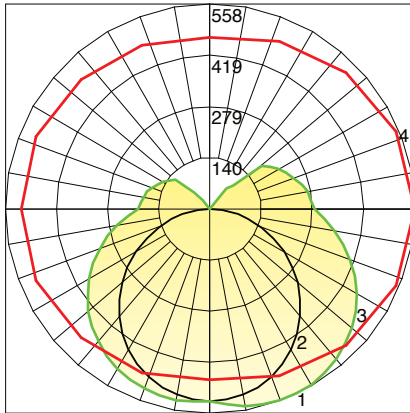
2 - Vertical Plane Through Horizontal Angles (90 - 270)

3 - Vertical Plane Through Horizontal Angles (0 - 180)

4 - Horizontal Cone Through Vertical Angle (0) (Through Max. Cd.)

LINEA 2 (LN2) SERIES

ASYMMETRIC PHOTOMETRICS



LN2A-SL

LINEA 2 ASYMMETRIC
SQUARE LENS

PHOTOMETRIC FILE NAME : L072512408.IES

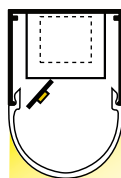
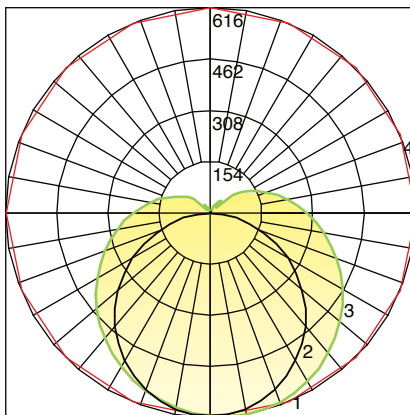
Maximum Candela = 558 Located At Horizontal Angle = 0, Vertical Angle = 25

1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)

2 - Vertical Plane Through Horizontal Angles (90 - 270)

3 - Vertical Plane Through Horizontal Angles (0 - 180)

4 - Horizontal Cone Through Vertical Angle (25) (Through Max. Cd.)



LN2A-RL

LINEA 2 ASYMMETRIC
ROUND LENS

PHOTOMETRIC FILE NAME : L072512407.IES

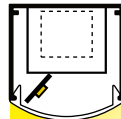
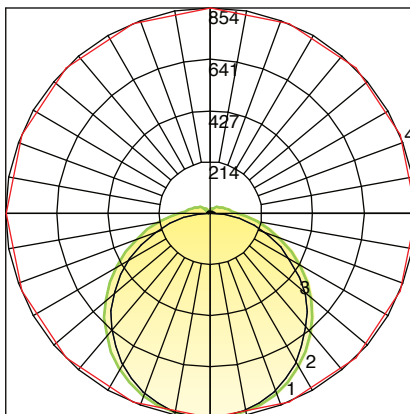
Maximum Candela = 616 Located At Horizontal Angle = 0, Vertical Angle = 5

1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)

2 - Vertical Plane Through Horizontal Angles (90 - 270)

3 - Vertical Plane Through Horizontal Angles (0 - 180)

4 - Horizontal Cone Through Vertical Angle (5) (Through Max. Cd.)



LN2A-FRL

LINEA 2 ASYMMETRIC
FLAT ROUNDED LENS

PHOTOMETRIC FILE NAME : L072512406.IES

Maximum Candela = 854 Located At Horizontal Angle = 0, Vertical Angle = 0

1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)

2 - Vertical Plane Through Horizontal Angles (90 - 270)

3 - Vertical Plane Through Horizontal Angles (0 - 180)

4 - Horizontal Cone Through Vertical Angle (0) (Through Max. Cd.)