

LINEA SERIES

LINEA 1 (LN1)



PROJECT

TYPE

NOTES

DESCRIPTION

Linea 1 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.
Low, medium & high lumens up 1100/ft & custom up to 1800/ft.
Various options of LED drivers, programmable and 0-10V dimming.

CUSTOMIZATION

Various options of lens, LED types, LED colors, LED drivers, configurations, mounting, accessories, finishes & lengths to customize your fixture
Proudly made in the US.



MODEL	LED COLOR	LUMENS	DRIVER	CONFIGURATION	MOUNTING	OPTIONS	END CAPS	FINISH	LENGTH
LN1 - SL LINEA 1 SQUARE LENS	27K 2700k	L LOW	UNV0% 0-10V 0%	SL STANDARD LENGTHS	SURFACE MOUNT SM STANDARD MOUNT	EM PACKS EM5/2/250 500L / 2' / 250L/FT	STANDARD BEK BOTH ENDS K/O	S SATIN (Standard)	STANDARD 2'
	3K 3000k	M MEDIUM	UNV1% 0-10V 1%	CL CUSTOM LENGTHS	JBP J BOX PLATE	EM5/4/125 500L / 4' / 125L/FT	OEK ONE END K/O	W WHITE (Standard)	3' 4' 5' 6' 7'
LN1 - RL LINEA 1 ROUND LENS	35K 3500k	H HIGH	UNV10% 0-10V 10%	CP CUSTOM PATTERN	WB WALL BRACKET	EM5C/(FT)/(LM) 500L CUSTOM (FT) & (LM)	BE BLANK ENDCAPS	B BLACK (Premium)	8' 9' 10' 11' 12'
	4K 4000k	CL CUSTOM LUMENS	UNVCD% 0-10V CD		SUSPENDED MOUNT CSK36 36" CABLE KIT	EM10/2/500 1000L / 2' / 500L/FT	ARCHITECTURAL ABE BLANK ENDCAPS	C CUSTOM (Premium)	
LN1 - FRL LINEA 1 FLAT ROUNDED LENS	R RED	CW CUSTOM WATTS	T1% TRIAC 1%		CSK48 48" CABLE KIT	EM10/4/250 1000L / 4' / 250L/FT		A ANTIMICROBIAL (Premium)	CUSTOM LENGTHS Specify
	G GREEN		TCD% TRIAC CD%		CSK72 72" CABLE KIT	EM10C/(FT)/(LM) 1000L CUSTOM (FT) & (LM)			
	B BLUE								
Refer to PG. 1, 3	Refer to PG. 3	Refer to PG. 3	Refer to PG. 3	Refer to PG. 4	Refer to PG. 5, 6	Refer to PG. 7	Refer to PG. 7	Refer to PG. 8	Refer to PG. 8

LINEA 1 (LN1)

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.

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

LED'S

White LED'S 60,000 hours. (L70), High uniformity 90CRI, 2700K TO 4000K, refer to page 3 for lumen details and options.

Static Colors LED'S red, green, blue, refer to page 3 for details and options.

LED DRIVERS (Integral)

Integral, universal voltage (120/277), 0-10V with custom program dimming options, Triac. refer to page 3 for details and options.

CONFIGURATION

(SL) Standard lengths: for fixtures 2' to 12' long in one single housing, refer to page 4 for details and options.

(CL) Custom lengths: for fixtures longer than 12', refer to page 4 for details and options.

(CP) Custom pattern: for fixtures with any length in a custom pattern, refer to page 4 for details and options.

MOUNTING

Surface Mount This option allows for standard inside screw mount, wall bracket and J box plate, refer to page 5 for details and options.

Suspended Mount This option includes a complete cable suspension kits in lengths of 36", 48" and 72", refer to page 6 for details and options.

OPTIONS

EM Packs Two options of self contained emergency lighting, 500 and 1000 lumens, refer to page 7 for details and options.

ENDCAPS

Standard 1/16" Aluminum construction, pre-installed and matches housing finish, refer to page 7 for details and options.

Architectural 1/4" Aluminum construction, pre-installed and matches housing finish, refer to page 7 for details and options.

FINISH

Clear anodize, powder coat and polyester liquid paint.

Satin and white are standard finishes.

Black, custom colors and antimicrobial white finish are premium colors (additional cost). Refer to page 8 for more details and options.

FIXTURE LENGTHS

Standard Lengths 2' to 12' long in one single and continuous housing, refer to page 4 and 8 for details and options.

Custom Lengths Specify, longer lengths are made by connecting multiple fixtures, refer to page 4 and 8 for details and options.

Custom Patterns This option allows you to create your own pattern, a drawing is required, refer to page 4 and 8 for details and options.

WARRANTY

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

COMPLIANCE CERTIFICATIONS



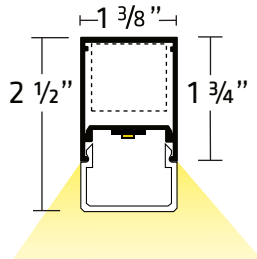
LINEA 1 (LN1)

MODELS



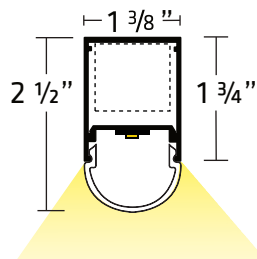
MODELS

Refer to page 8 for light distribution / photometric information



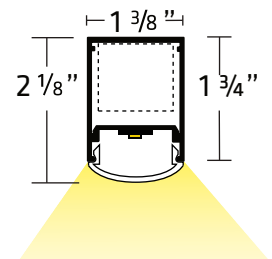
LN1-SL

LINEA 1 SQUARE LENS



LN1-RL

LINEA 1 ROUND LENS



LN1-FRL

LINEA 1 FLAT ROUNDED LENS

LED COLORS AND LUMENS

COLOR		DESCRIPTION									
		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
3K	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
4K	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
R	RED	CRI90	292 L/FT	3.5 W/FT	82 L/W	507 L/FT	6.5 W/FT	77 L/W	669 L/FT	9.0 W/FT	74 L/W
G	GREEN	CRI90	499 L/FT	3.5 W/FT	143 L/W	775 L/FT	6.5 W/FT	119 L/W	969 L/FT	9.0 W/FT	107 L/W
B	BLUE	CRI90	118 L/FT	3.5 W/FT	34 L/W	214 L/FT	6.5 W/FT	33 L/W	282 L/FT	9.0 W/FT	31 L/W

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

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)

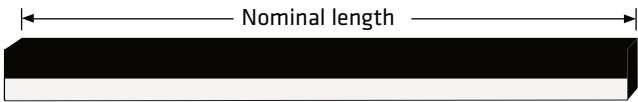
DRIVER	DESCRIPTION				
UNV0%	0 - 10V Dimming Driver	0 % Dimming (Dim to Off)	120/277V	(347V Available)	
UNV1%	0 - 10V Dimming Driver	1% Dimming	120/277V	(347V Available)	
UNV10%	0 - 10V Dimming Driver	10% Dimming	120/277V	(347V Available)	
UNV(CD)%	0 - 10V Dimming Driver	Custom Dimming (Specify %)	120/277V	(347V Available)	
T1%	Triac 2 Wire Dimming	1% Dimming	120/277V		
TCD%	Triac 2 Wire Dimming	Custom Dimming (Specify %)	120/277V		

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

(SL) - STANDARD LENGTHS

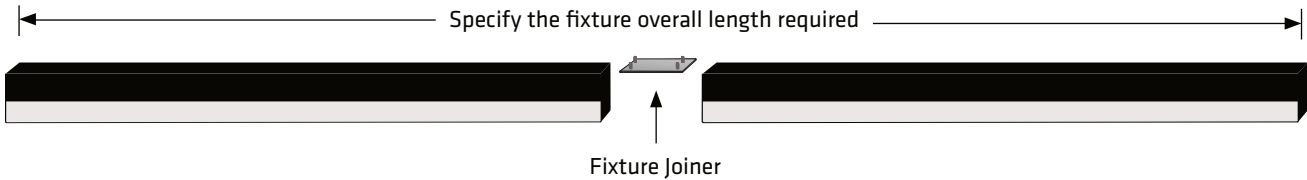
Standard lengths are available from 2' up to 12' long in on single and continuous housing. See chart below for all available standard lengths

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"



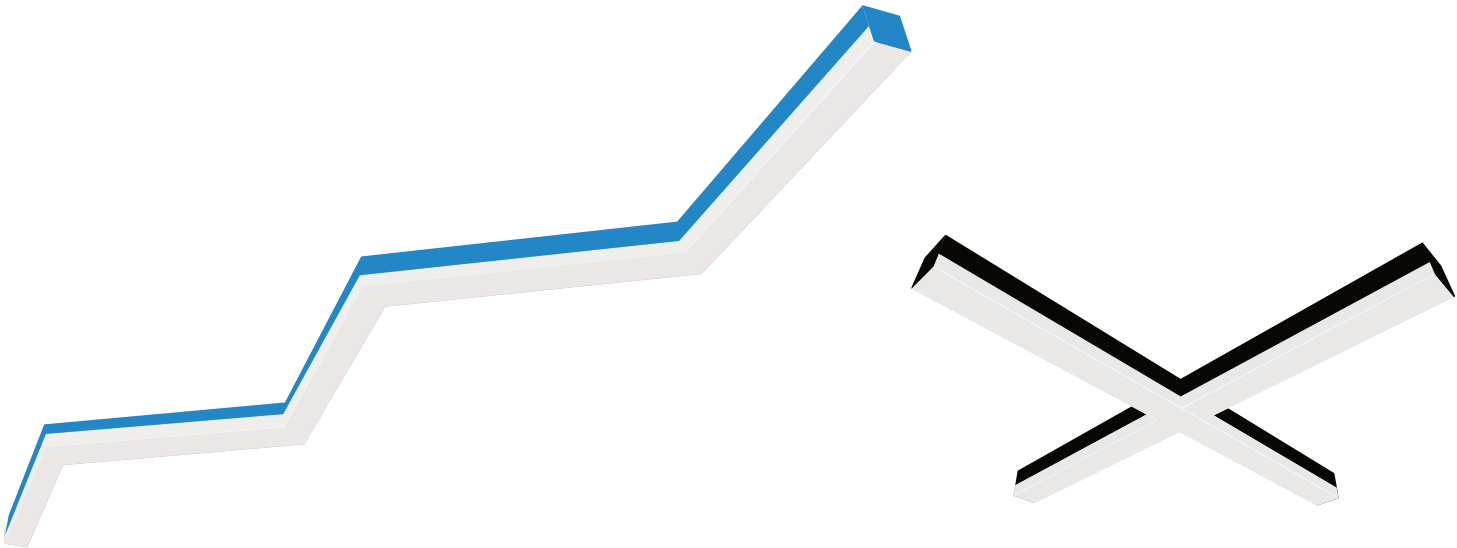
(CL) - CUSTOM LENGTHS

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



(CP) - CUSTOM PATTERNS

LINEA 3 series offers the flexibility to create custom patterns in a unlimited shapes and sizes for both pendant & surface mount applications. Below are some examples of custom patterns with custom colors. Drawings with specific dimensions are required for custom patterns.



LINEA 1 (LN1)

MOUNTING - SURFACE MOUNT



(SM) - STANDARD MOUNT

Inside screw mount

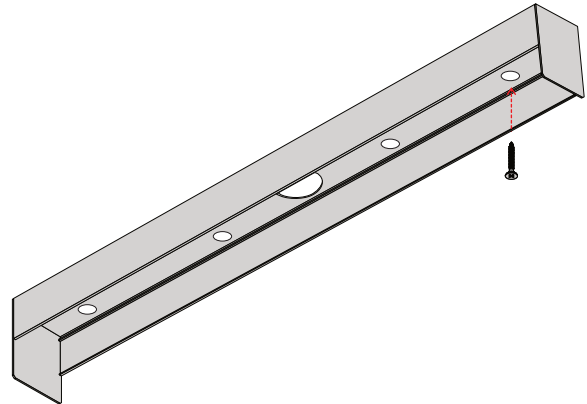
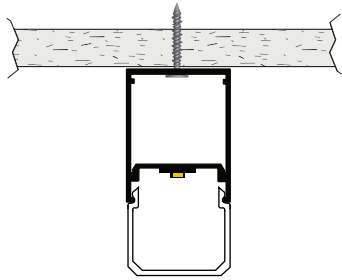
1/4" Mounting holes provided evenly spaced on back channel.

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.

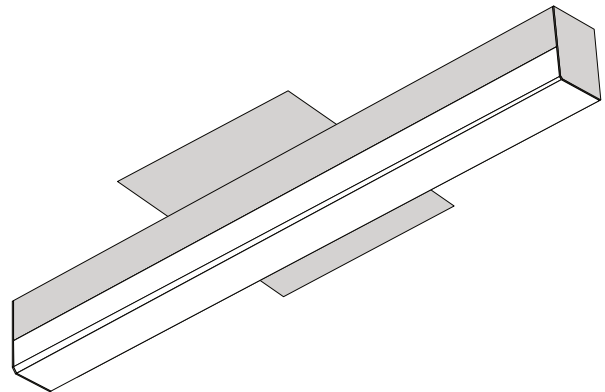
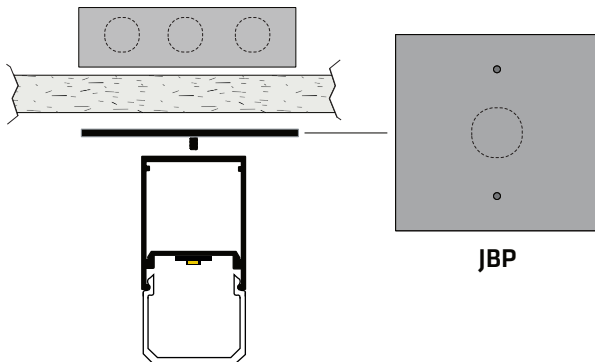


(JBP) - J BOX PLATE

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

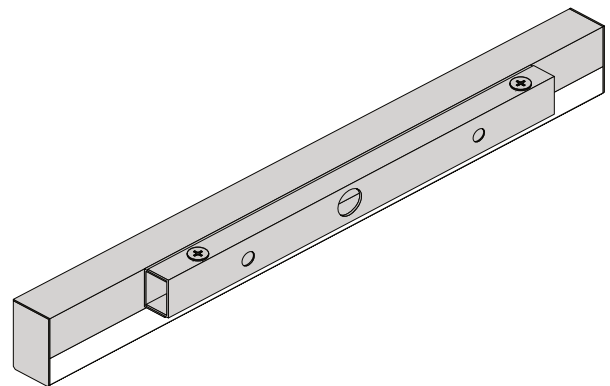
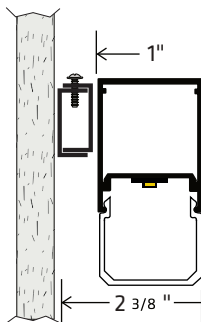
The wall bracket is the length of the fixture minus 6" on each end.

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.



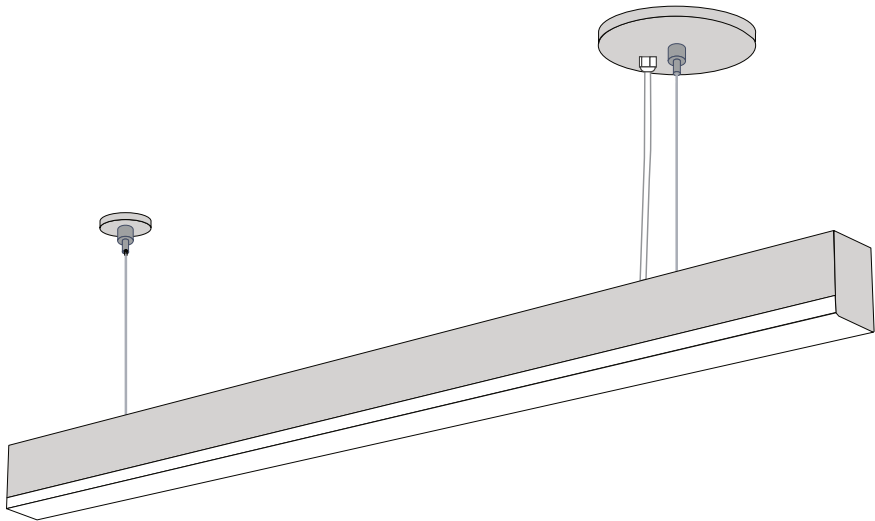
LINEA 1 (LN1)

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.

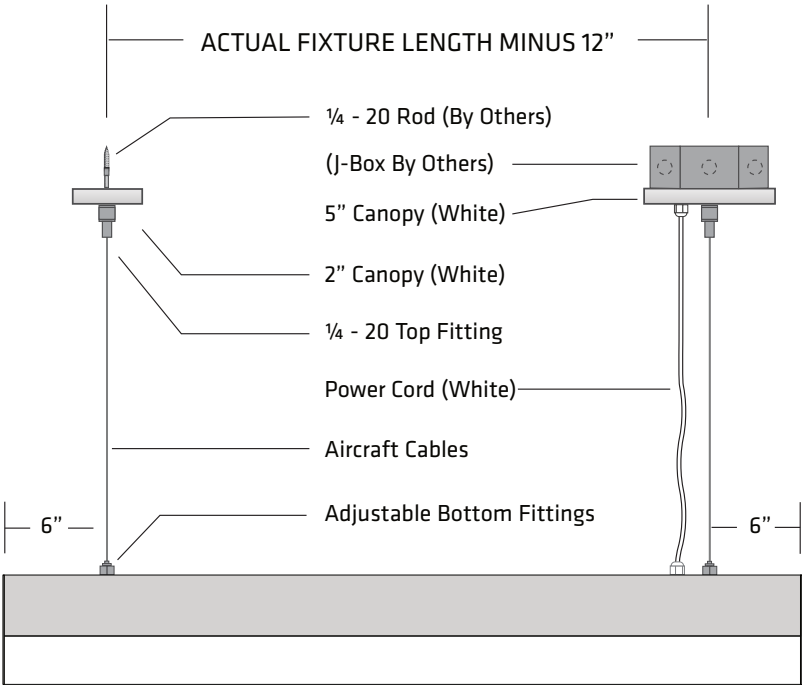


CABLE SUSPENSION KITS

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**



LINEA 1 (LN1)

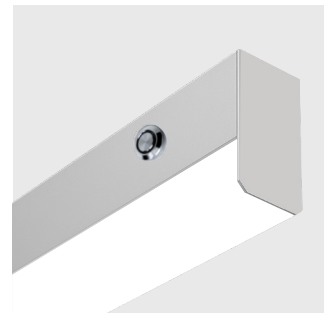
OPTIONS - ENDCAPS



EM PACKS

EM PACKS are pre-installed inside the fixture with test switch also included and pre-installed
Depending on the application, the test switch / charger indicator will be installed on the side of the fixture
Approximate lumens will vary across lens style
Confirm local code requirements for minimum lumens, foot-candles and operation time.
Consult factory for other type of emergency lighting requirements, not shown on this cut sheet.

PART NO.	LUMENS	MAX COVERAGE / EM	APPROX LUMENS	OPERATION TIME
EM5/2/250	500 LUMENS	2' SECTION	250 LM / FT	90 MINUTES
EM5/4/125		4' SECTION	125 LM / FT	
EM5C/(FT)/(LM)		CUSTOM, SPECIFY	CUSTOM, SPECIFY	
EM10/2/500	1000 LUMENS	2' SECTION	500 LM / FT	
EM10/4/250		4' SECTION	250 LM / FT	
EM10C/(FT)/(LM)		CUSTOM, SPECIFY	CUSTOM, SPECIFY	

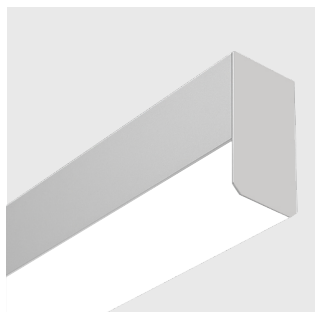


(FT) Specify the section length of the fixture required to be connected to the emergency pack (8' max / EM pack)
(LM) Specify the required approximate lumens per foot of the emergency section.

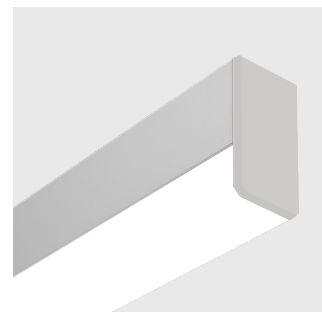
ENDCAPS

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.

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



STANDARD



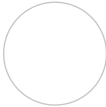
ARCHITECTURAL

FINISH

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)



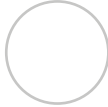
W - WHITE
Standard
(Powder Coat, liquid paint)



B - BLACK
Premium
(Powder Coat)



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



A - ANTI MICROBIAL
Premium
(Powder Coat White)

FIXTURE LENGTHS

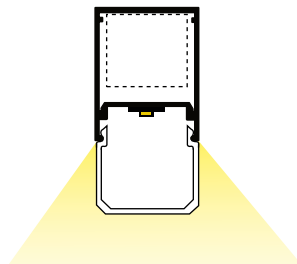
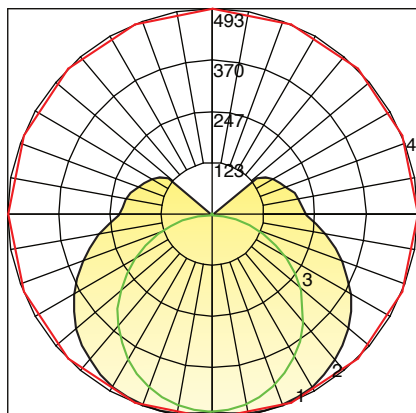
STANDARD LENGTHS	NOMINAL LENGTH	2'	3'	4'	5'	6'	7'	8'	9'	10'	11'	12'
	ACTUAL LENGTH	25"	34"	49"	56"	73"	89"	97"	111"	121"	133"	145"

CUSTOM LENGTHS

Specify the fixture overall length required. Custom lengths are made with multiple fixtures connected end to end with our joiners.

CUSTOM PATTERNS

Provide a drawing with clear and specific dimensions and details.



LN1-SL
LINEA 1 SQUARE LENS

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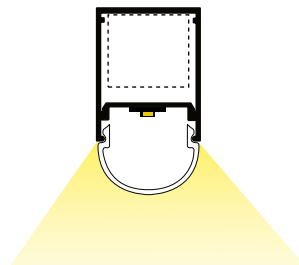
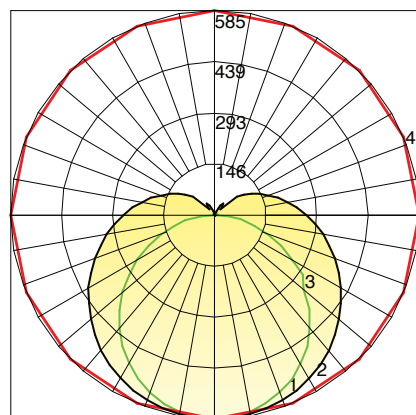
Maximum Candela = 493 Located At Horizontal Angle = 90, Vertical Angle = 10

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 (10) (Through Max. Cd.)



LN1-RL
LINEA 1 ROUND LENS

PHOTOMETRIC FILE NAME : L072512502.IES

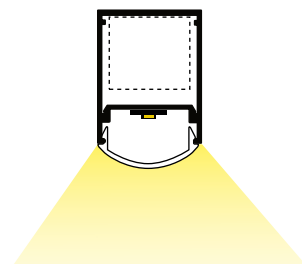
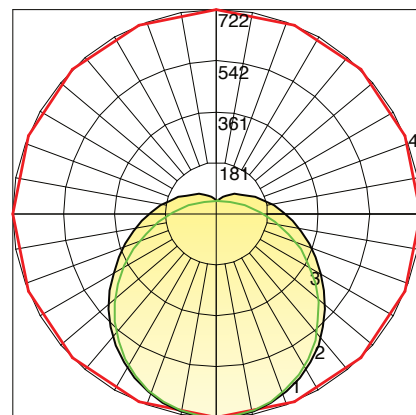
Maximum Candela = 585 Located At Horizontal Angle = 0, Vertical Angle = 0

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.)



LN1-FRL
LINEA 1 FLAT ROUNDED LENS

PHOTOMETRIC FILE NAME : L072512501.IES

Maximum Candela = 722 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.)