



Linealuce is a linear product that brings architectural details to life by combining simplicity, discretion and lighting performance. The new wiring system enhances the luminaire's design. The box and connectors are hidden from view, so a line of light is created with no interruption. Designed by Jean Michel Wilmotte.

Luminaire characteristic:

Power input: 5W/ft, 8W/ft or 12W/ft (system wattage)
Lumens: Up to 960lm/ft (for 3000K, 80CRI)
Luminaire efficacy: Up to 80lm/W

Source: White LED (LM-80 tested),
3000K: 80CRI,
4000K: 80CRI,
Lumen maintenance: 80% of initial lumens at 100 000 hours (L80).

Optic: Available in wall grazing.

Material: Body: Extruded aluminum.
End caps: Die-cast aluminum.
Connection box: Polyphenylene sulfide.
Protective screen: 1/8" (3mm) sodium-calcium tempered sealing glass with silk screen.
Diffusing filter: PMMA (polymethyl methacrylate).
Lens: Methacrylate.
Hardware: Stainless steel.

Mounting: Surface mounted, using mounting accessories (included). Adjustable or extendable arm and brackets for balustrade also available.
Supplied with 3' (900mm) long cable. (page 4)

Electrical: Integral high efficiency LED driver, rated at 50 000 hours. 120V/277V.

Dimming: Supplied with dimmable LED driver 0-10V, down to 15%.

Temperature of operation: -22°F to 113°F (-30°C to 45°C).

Glass surface temperature: 104°F (40°C) maximum.

Finish: Gray painted (RAL9007) with a high level of weather and UV resistance. The semi-gloss finish coating is electrostatically applied, durable acrylic enamel baked at high temperatures for superior color retentive finish.

Weight: 1.81lbs/ft (0.83kg)

Warranty: 5 year limited warranty.

Ratings: IP66, IK05

Certification: cULus listed for wet location



ORDERING INFO

ILC - - - - - **UNV - 15** -

FIXTURE

MODEL

☒ **ILC**

OUTPUT

☐ **BO** - Base output ☐ **MO** - Medium output ☐ **HO** - High output ☐ **VHO** - Very high output

LED

☐ **L3** - 3000K, 80CRI ☐ **L4** - 4000K, 80CRI

LENGTH

_____ refer to configurations table on page 3.

MOUNTING

☐ **A** - Surface ☐ **B** - Wall ☐ **C** - Adjustable ☐ **D** - Extendable ☐ **E** - Balustrade
☐ **F** - Adjustable 140° ☐ **G** - Adjustable 310°

FEED

☐ **L** - Left ☐ **R** - Right

VOLTAGE

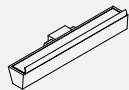
☒ **UNV** - 120-277V

FINISH

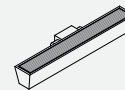
☒ **15** - Gray

ACCESSORIES (optional)

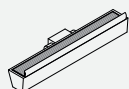
☐ **A1** - Anti-glare screen
15 (gray)⁽¹⁾



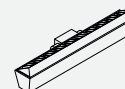
☐ **A2** - Diffusing filter for uniformity
00 (clear)⁽¹⁾



☐ **A3** - Anti-glare screen +
diffusing filter for uniformity
15 (gray) & 00 (clear)⁽¹⁾



☐ **A4** - Light louver
02 (black)

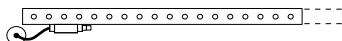


⁽¹⁾ Available only with Very high output (VHO).

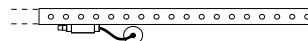
FEED (INCLUDED)

Can be located on either end sides of the luminaire run.

L - Left



R - Right



MAXIMUM LENGTH

Consult guidelines below to determine both values for you application.

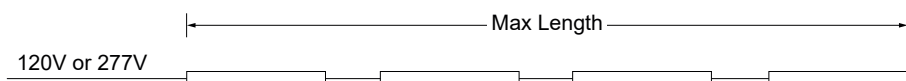
The lower value of theses 2 criterias will determine your max length.

The MAXIMUM LENGTH will be limited by :

1) LIGHTING FIXTURE CAPACITY CRITERIA FOR MAXIMUM LENGTH

Guidelines based on fixture load of 5.5 ft luminaires generally use to acheive longer lengths.

FOR 120V				FOR 277V		
	Max length	Total load (A)	Fixture load (A)	Max length	Total load (A)	Fixture load (A)
BO	286ft	10A	0.19A	550ft	10A	0.1A
MO	137ft	10A	0.39A	275ft	10A	0.2A
HO	110ft	10A	0.49A	236ft	10A	0.23A
VHO	110ft	10A	0.49A	236ft	10A	0.23A



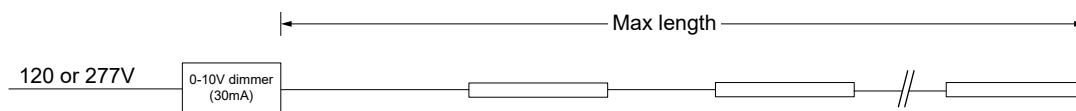
2) DIMMER CURRENT CARRYING CAPACITY CRITERIA FOR MAXIMUM LENGTH

See calculation example below based on a **30mA** capacity dimmer.

5.5 ft luminaire with 3 mA sink current are generally used to acheive longer lengths and therefore should be used in the calculation.

DIMMER CURRENT CARRYING CAPACITY (mA) LUMINAIRE SINK CURRENT (mA)	=	MAX. NUMBER OF LUMINAIRE	X	5.5 ft	=	MAX. LENGTH

$$\frac{30 \text{ mA}}{3 \text{ mA}} = 10 \text{ LUMINAIRES (5.5ft)} \times 5.5 \text{ ft} = 55 \text{ ft}$$

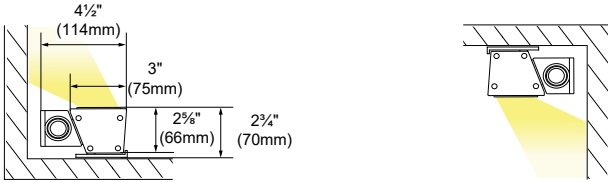


Note: if no dimmer is used, only the lighting fixture capacity criteria is used.

MOUNTING AND DIMENSIONS

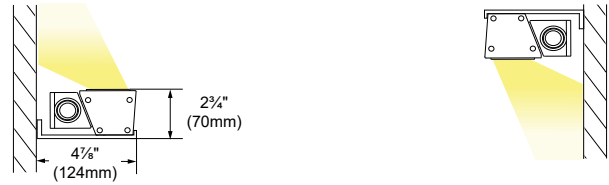
A - Surface mounting

Typically fasten to the horizontal plane. For up or down light.



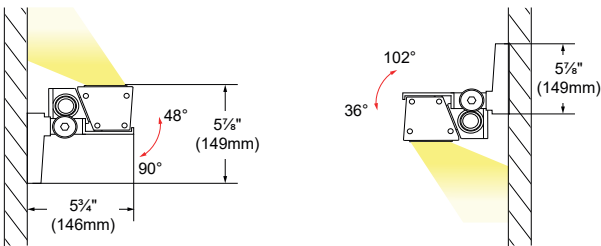
B - Wall mounting

Typically fasten to the vertical plane, for up or down light.



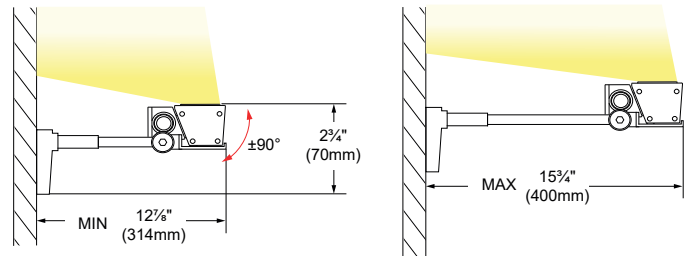
C - Adjustable mounting

Allows rotation of the luminaire for a fine tuning of the grazing effect. For up or down light.



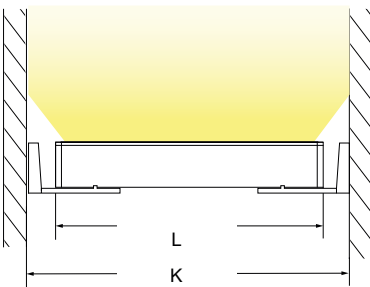
D - Extendable mounting

Extendable arms with rotation $\pm 90^\circ$ allows to extend the luminaire up to 15 3/4 inch (400mm) from the wall. For up or down light.



E - Balustrade mounting

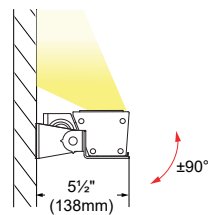
For single unit only



L	K min	K max
2' (610mm)	24" (600mm)	35" (900mm)
3 1/2' (1067mm)	43" (1094mm)	58" (1474mm)
5' (1524mm)	64" (1622mm)	78" (2002mm)

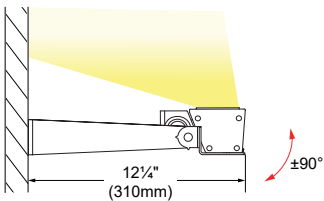
F - Adjustable mounting 140

Stainless steel arms. Allows rotation $\pm 90^\circ$ of the luminaire for a fine tuning of the grazing effect. For up or down light
L: 5 1/2 inch (138mm)

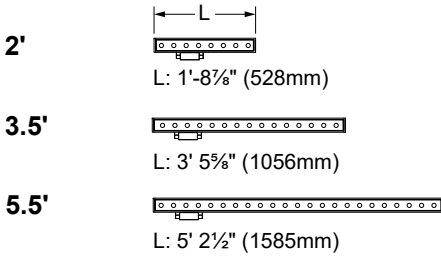


G - Adjustable mounting 310

Stainless steel arms. Allows rotation $\pm 90^\circ$ of the luminaire for a fine tuning of the grazing effect. For up or down light
L: 12 1/4 inch (310mm)



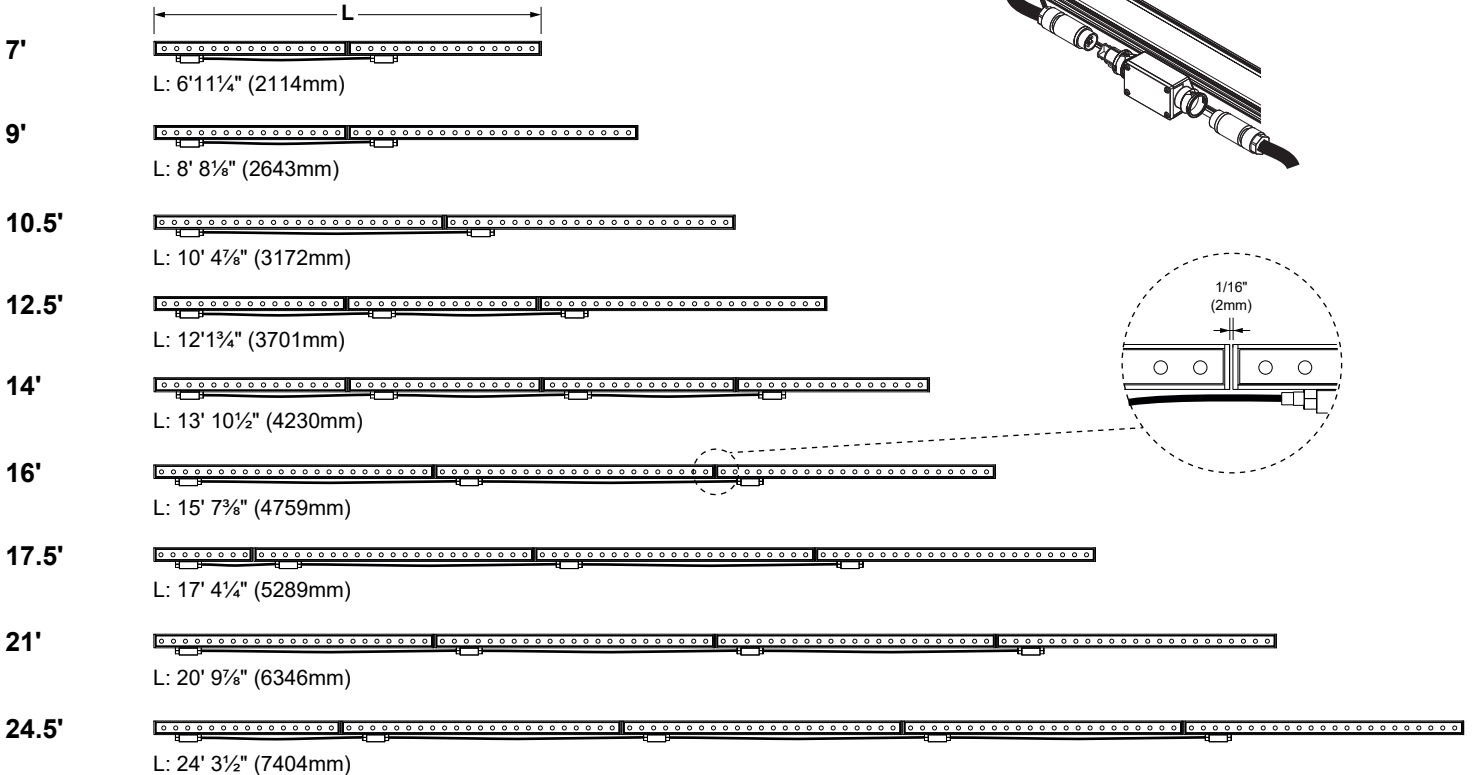
LENGTHS



CONTINUOUS ROWS EXAMPLE

Single elements can be combined to obtain dark spot free continuous row with a single feed point. Interconnecting power cable and hardware are preconfigured at the factory and supplied with the luminaires.

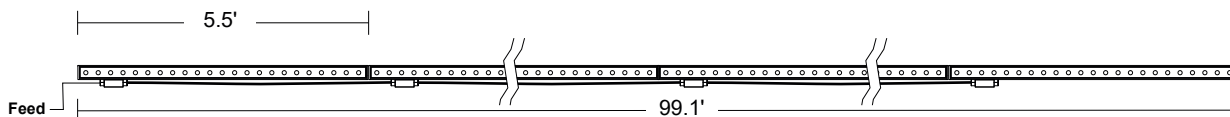
PLUG AND PLAY QUICK CONNECTOR INSTALLATION



EXEMPLE: TO COVER A 100 FEETS FACADE

To specify length of 99,1': 19 x 5.5'

(I.LC-BO-5.5'-X-UNV-15)* 19



PHOTOMETRIC DATA

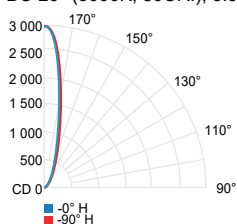
Visit iguzzini.com for complete photometric data.

WALL GRAZING 20° GRAZING HEIGHT 16FT

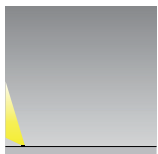


CCT (K)	CRI	OUTPUT	LOAD (W/ft)	LUMENS (lm/ft)	EFFICACY (lm/w)	MAX CANDELA (cd)	MODELS
3000K	80	BO	5W	285	57	2 945	ILC-BO-L3
4000K				285	57	2 945	ILC-BO-L4

BO 20° (3000K, 80CRI), 3.5'L.

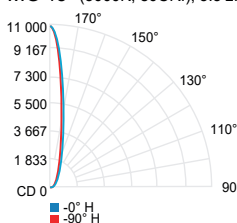


WALL GRAZING 18° GRAZING HEIGHT 29FT

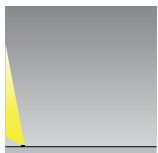


3000K	80	MO	8W	620	77	10 915	ILC-MO-L3
4000K				620	77	10 915	ILC-MO-L4

MO 18° (3000K, 80CRI), 3.5'L.

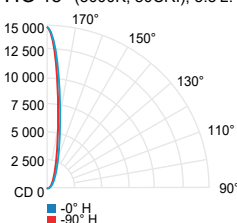


WALL GRAZING 18° GRAZING HEIGHT 42FT

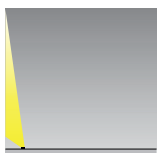


3000K	80	HO	12W	835	69	14 720	ILC-HO-L3
4000K				835	69	14 720	ILC-HO-L4

HO 18° (3000K, 80CRI), 3.5'L.



WALL GRAZING 12° GRAZING HEIGHT 59FT



3000K	80	VHO	12W	960	80	49 815	ILC-VHO-L3
4000K				960	80	49 815	ILC-VHO-L4

VHO 12° (3000K, 80CRI), 3.5'L.

