

# Bi-Linear



An innovative, multi-functional linear lighting solution. This small and discreet luminaire for under-shelf applications in museums, retail and/or hospitality, combines high performance, miniature LED spots together with uniform diffused ambient lighting.

The LED spots and diffused light stripe can be controlled separately, enabling the user to select and switch between a spot light effect or a diffused lighting effect or a combination of both. (Patent Pending).

Each 2 LEDs group can be controlled separately by an onboard switch.

Different CCT options are available. Specifier can select a different CCT for LED spots and for diffused stripe light. Length is customizable.

## Body

Surface mounted LED system in extruded aluminium.  
Available in different length configurations starting from 70mm with increment of 60mm. Section 970mm.

Mounting options:

Integrated magnets for easy installation.

L brackets.

U mounting clips.

**\* Plastic free packaging.**

## Accessories

Mounting accessories included.

Extension cable Art. 2E46 to be ordered separately.

## Finish

Anodized black or aluminium finish.

## LED sources

Combination of 2 types of LEDs

**Spot Light, High Power LED.** CRI: 97 | R9: >90. 3-Step MacAdam.

**Stripe Light, SMD LED.** CRI: 97 | R9: >90. 3-Step MacAdam.

CCT: 2700K, 3000K, 3500K, 4000K. Other CRI and CCT options available on request.

A Combination of 2 CCTs is available.

## Optic

Spot Light - Lens.

Beam angle: 21° / 29° / elliptical (22° x 47°).

Stripe Light - Rigid opal diffuser.

Extra wide beam angle.

## Driver

Remote driver - Not included.

2D99DC – 2ch Casambi controlled driver 220-240VAC input.

2E47DA – 2ch DALI dimmable driver 90-305VAC input.

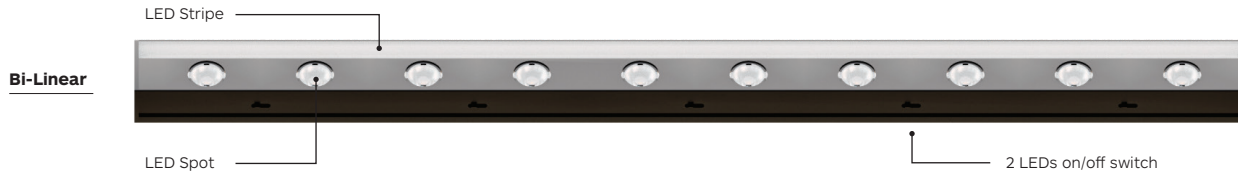
2E47D1 – 2ch 0-10V dimmable driver 90-305VAC input.

## Applications

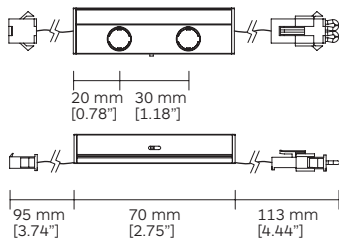
Miniature linear light. Delivers two types of light effects - a homogenous, diffused light effect together with spot light.

An ideal solution for display showcase, under-shelf and under cabinet illumination. Application areas: Retail, cabinet displays, showcases, jewelry displays, residential, restaurants, museums.

# Bi-Linear

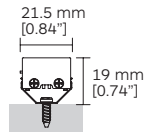


Min. L= 70mm (2.75")

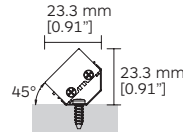


## Mounting options

With clip in 90°

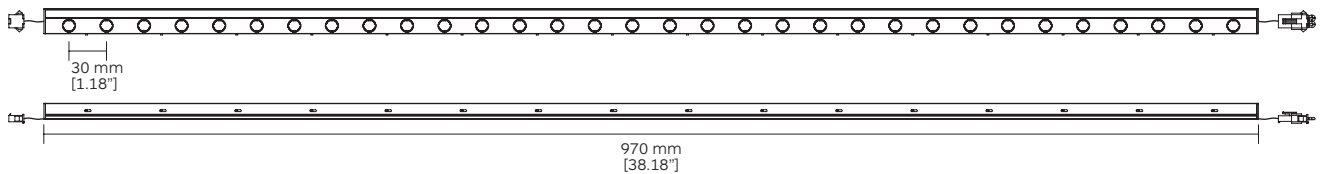


With clip in 45°



Max. L= 970mm (38.18")

Increment: 60mm (2.36")



Code ordering example: **G 4 6 8 0 0 7 0 . 9 7 2 7 2 7 2 1 1 0**

	Product code*	Length code**	Light Source	>CRI	CCT*** for Spot Light	LED Power	Nominal Lumen	CCT*** for Stripe Light	Beam angle (BA°)	Finish
Bi-Linear	<b>G468</b>	Min. <b>0070</b>	LED	<b>97</b>	<b>27</b> 2700K	Up to 46W/m	Up to 6280 lm/m	<b>27</b> 2700K	<b>21 / 29 / *EL</b>	<b>10</b> ■ Black
Min & Max. Length		⋮			<b>30</b> 3000K			<b>30</b> 3000K		<b>70</b> ■ Aluminium
		Max. <b>0970</b>			<b>35</b> 3500K			<b>35</b> 3500K		
					<b>40</b> 4000K			<b>40</b> 4000K		

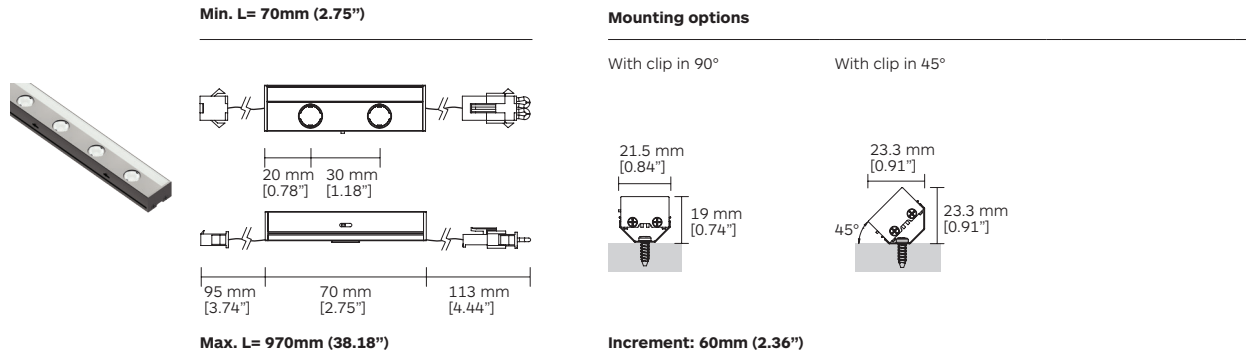
**Recommended Driver:** Driver to be ordered separately. Work with 500mA x 2ch Constant Current LED Driver positioned remotely. Suggested Driver: **2D99DC, 2E47DA, 2E47D1.**

## Notes:

\* EL = Elliptical Beam (22° x 47°).

# Complete Length Codes List

Bi-Linear | Up to 46W/m | G468



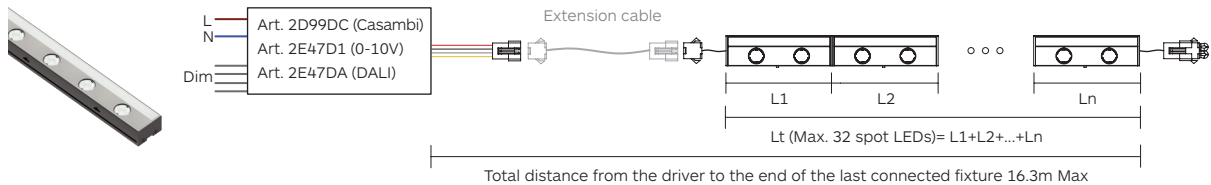
## Available length codes <sup>1</sup>

Length code	Length in mm	Length in inches	No. of LEDs		LED Power		Nominal Lumen		Length code	Length in mm	Length in inches	No. of LEDs		LED Power		Nominal Lumen	
			Spot	Stripe	Spot	Stripe	Spot	Stripe				Spot	Stripe	Spot	Stripe	Spot	Stripe
<b>0070</b>	70	2.75	2	13	1.4W	1.4W	190 lm	195 lm	<b>0550</b>	550	21.65	18	117	12.6W	12.6W	1710 lm	1755 lm
<b>0130</b>	130	5.11	4	26	2.8W	2.8W	380 lm	390 lm	<b>0610</b>	610	24.01	20	130	14W	14W	1900 lm	1950 lm
<b>0190</b>	190	7.48	6	39	4.2W	4.2W	570 lm	585 lm	<b>0670</b>	670	26.37	22	143	15.4W	15.4W	2090 lm	2145 lm
<b>0250</b>	250	9.84	8	52	5.6W	5.6W	760 lm	780 lm	<b>0730</b>	730	28.74	24	156	16.8W	16.8W	2280 lm	2340 lm
<b>0310</b>	310	12.20	10	65	7W	7W	950 lm	975 lm	<b>0790</b>	790	31.10	26	169	18.2W	18.2W	2470 lm	2535 lm
<b>0370</b>	370	14.56	12	78	8.4W	8.4W	1140 lm	1170 lm	<b>0850</b>	850	33.46	28	182	19.6W	19.6W	2660 lm	2730 lm
<b>0430</b>	430	16.92	14	91	9.8W	9.8W	1330 lm	1365 lm	<b>0910</b>	910	35.82	30	195	21W	21W	2850 lm	2925 lm
<b>0490</b>	490	19.29	16	104	11.2W	11.2W	1520 lm	1560 lm	<b>0970</b>	970	38.18	32	208	22.4W	22.4W	3040 lm	3120 lm

# Driver Options

## Constant Current

### Bi-Linear



### G468

\* **2D99DC** (Casambi)  
 Vin= 220~240VAC 50/60Hz  
 Iout= 2x500mA V=2~60V  
 P= 2x30W Max.  
 Dimensions: 173x53x29mm

\* 1 driver for 70-970mm length

\*\* **2E47D1** (0-10V)  
 Vin= 90~305VAC 50/60Hz  
 Iout= 2x500mA V=8~55V  
 P= 50W Max. 2x25W.  
 Dimensions: 213x92x43mm

\*\* 1 driver for 190-970mm length

\*\*\* **2E47DA** (DALI)  
 Vin= 90~305VAC 50/60Hz  
 Iout= 2x500mA V=8~55V  
 P= 50W Max. 2x25W.  
 Dimensions: 213x92x43mm

\*\*\* 1 driver for 190-970mm length

Extension cable. Art. **2E46**. 1m (if necessary).