

**LUXYLED EVO6.12**

LINEAR LIGHT

BORN TO SHINE  
**PROMOTECH**

## MAIN CHARACTERISTICS



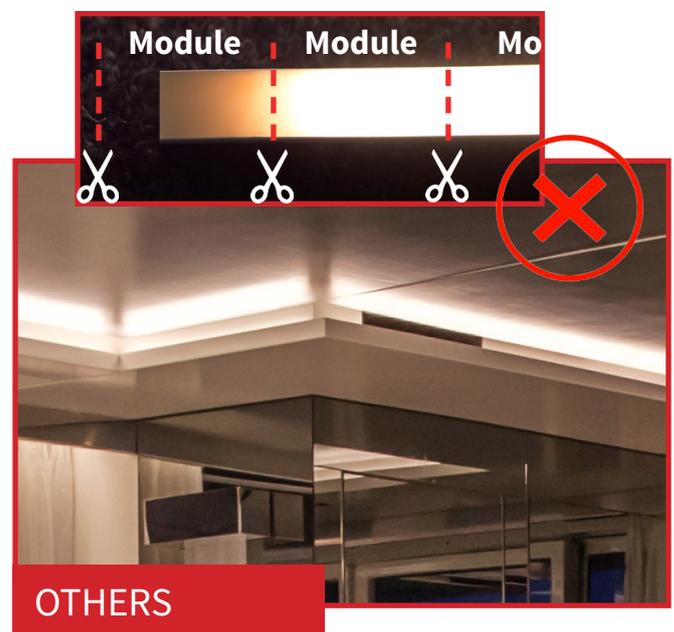
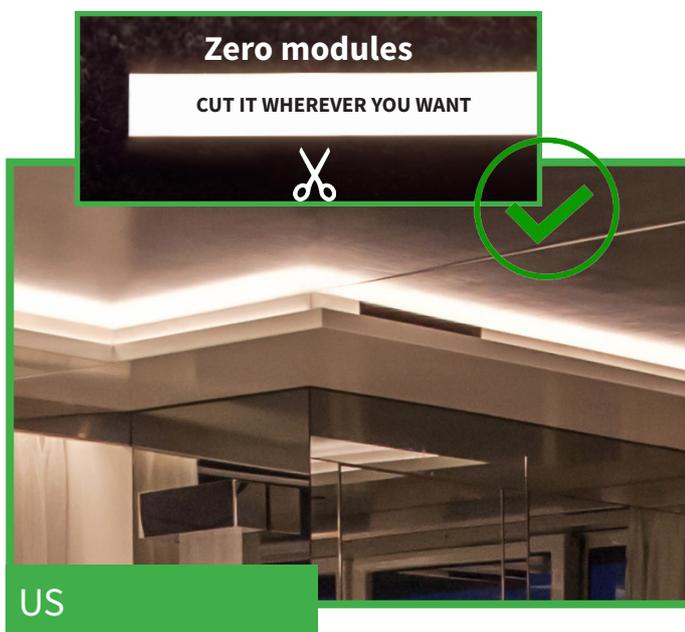
Rev00

- **6x12mm size**
- **ZERO MODULE** / Cut it in any desired point without respecting a cutting unit/module.
- SIDE BEND version only
- Producibile with a longer terminal, cuttable on field during installation, for a perfect final fitting.
- Transparent end caps for a “zero gap” joints during extra long installations.
- Four different cable exit options.
- Produced through an advanced extra white silicon extrusion process, compared with a traditional PVC sheathing (PVC looks yellowish), lighter in terms of weight, more flexible, strong impact resistant and with a high weather resistance.
- Perfectly uniform dot-free smooth and comfortable lighting.
- IP67 for indoor and outdoor use, can be installed on surface mount or flush mount configuration.
- UV resistant
- PWM dimmable.

## BEST ADVANTAGE

### CUT IT WHEREVER YOU NEED

**ZERO MODULE** is a technology which allows you to **cut LUXYLED wherever you need** without respecting any fixed and predetermined cutting point. Thanks to it, each installation regardless its length and complexity, will be always and constantly perfect.



# LUXYLED EVO6.12 - [6x12mm [0,23x0,47in]]



## PARAMETERS

TYPE	Bending	Dimension	Cutting Unit	IP Rating	Operating temp.	Lifespan	Beam Angle	Minimum bending radius
LUXYLED EVO6.12 <i>White</i>	Side Bend	W6xH12mm W0,23xH0,47in	<b>ZERO MODULES TECHNOLOGY</b> <i>cut it wherever you want</i>	IP67	Ta: -20~45°C -4~113°F	50.000h(White) (L70@ Tc ≤65°C[149°F])	120°	15mm 0,59in
LUXYLED EVO6.12 <i>Tunable White</i>			50mm 1,97in					
LUXYLED EVO6.12 <i>RGB</i>			50mm 1,97in					

TYPE	W	Max. Length Single Feed	Max. Length Double Feed	V	K
LUXYLED EVO6.12 <i>White</i>	9W/m 2,74W/ft	5m 16,4ft	10m 32,8ft	24Vdc	2700K 3000K 4000K 5000K
	6W/m 1,83W/ft	10m 32,8ft	20m 65,6ft		
LUXYLED EVO6.12 <i>Tunable White</i>	12W/m 3,66W/ft	5m 16,4ft	10m 32,8ft		2700-6000K
LUXYLED EVO6.12 <i>RGB</i>	12W/m 3,66W/ft	5m 16,4ft	10m 32,8ft		RGB

Warranty (Indoor)	Warranty (Outdoor)
5 years	3 years

## PART NUMBER BUILDER

V [A]	W [B]	K [C]	BENDING [D]	POW.CAP A [E]	ENDCAP/POW.CAP B [F]
<b>24</b> - 24Vdc	<b>6</b> - 6W/m 1,83W/ft  <b>9</b> - 9W/m 2,74W/ft  <b>12</b> - 12W/m 3,66W/ft	<b>27</b> - 2700K <b>30</b> - 3000K <b>40</b> - 4000K <b>50</b> - 5000K <b>27-60</b> - 5000K <b>RGB</b> - RGB	<b>S</b> - SIDE BEND	<b>1</b> - LINE <b>2</b> - BOTTOM <b>3</b> - SIDE RIGHT <b>4</b> - SIDE LEFT	<b>0</b> - END CAP <b>5</b> - LINE <b>6</b> - BOTTOM <b>7</b> - SIDE RIGHT <b>8</b> - SIDE LEFT
EVO6.12	—	—	—	—	—

EXAMPLE : EVO6.12 2 4 9 3 0 S 1 0

[A] [B] [C] [D] [E] [F]

LENGTH → \_\_\_\_\_ m

ft

DIMMING PROTOCOLS →

DALI	KNX	0-10	ELV / MLV	OTHERS
<input type="checkbox"/>				

FIXING →

ANOD. ALUMINUM CHANNEL	CLIP
<input type="checkbox"/> PTLUXEVO6.12ALBAR1	<input type="checkbox"/> PTLUXEVO6.12ALCLIP

## DELIVERED LUMEN VALUES

		EVO6.12 6W/m - 1,83W/ft		
		LED CRI	Lm/m	Lm/ft
WHITE_6W/m	 2700K	90	128	39
	 3000K	94	133	40
	 4000K	95	142	43
	 5000K	95	143	43

		EVO6.12 9W/m - 2,74W/ft		
		LED CRI	Lm/m	Lm/ft
WHITE_9W/m	 2700K	93	207	63
	 3000K	93	216	65
	 4000K	94	219	67
	 5000K	94	220	67

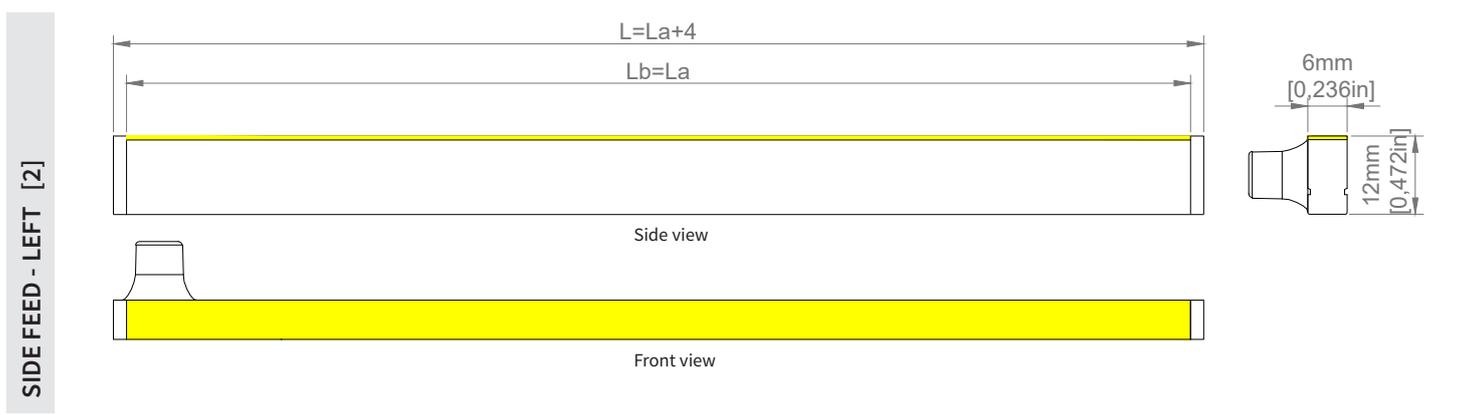
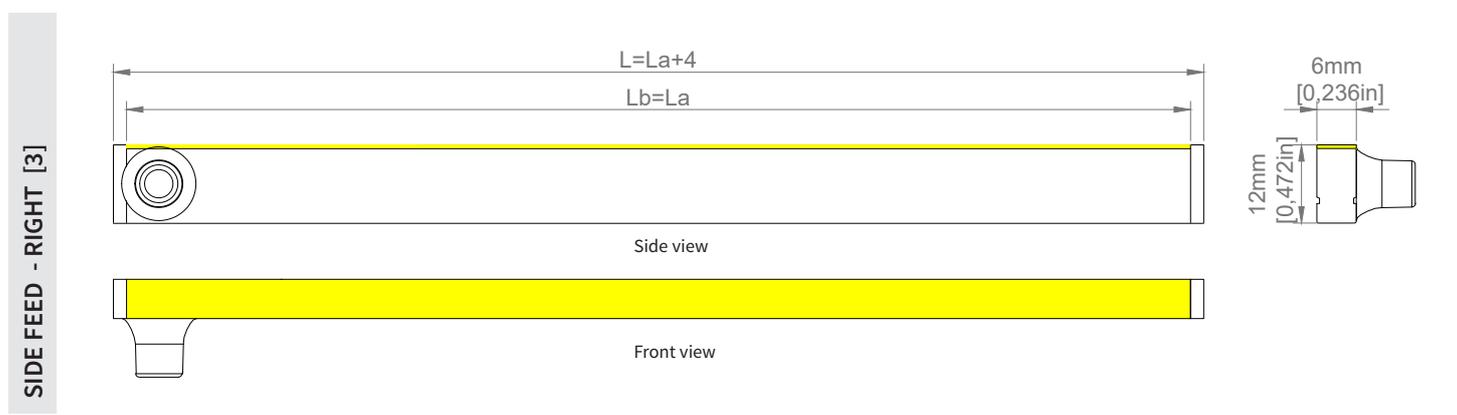
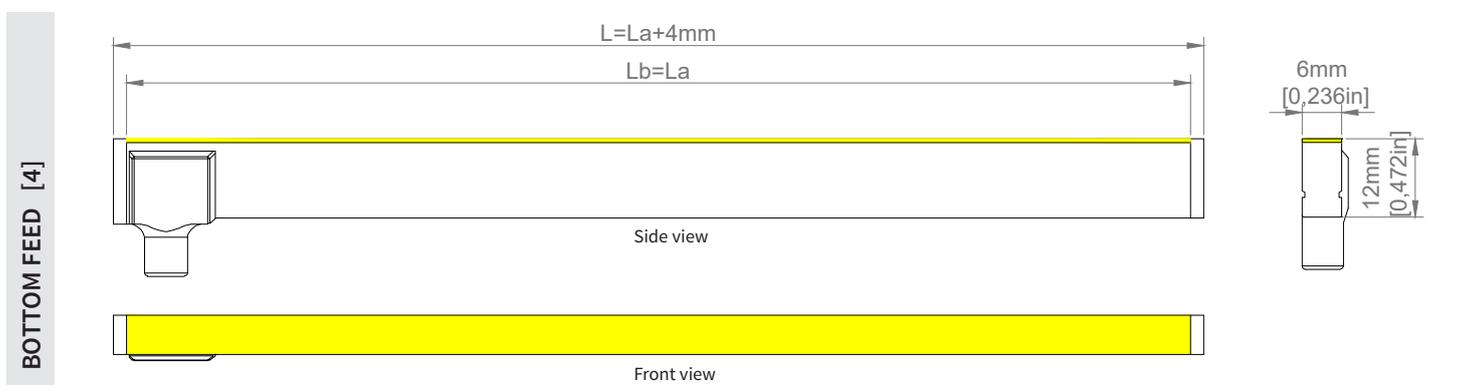
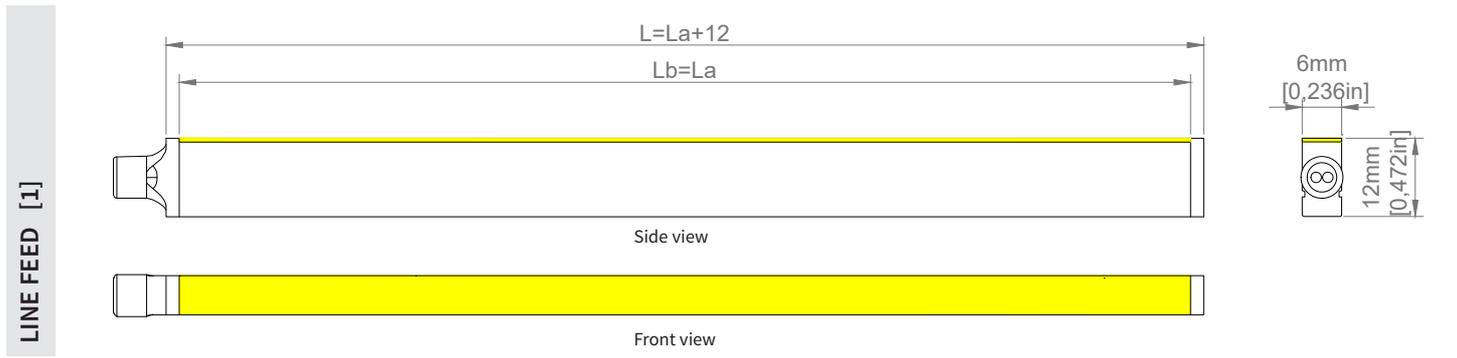
		EVO6.12		
		CRI LED	Lm/m	Lm/ft
TUNABLE	 2700-6000K	96	267	82

		EVO6.12	
		Wavelength	
RGB	 RED	650-630nm	
	 GREEN	515-525nm	
	 BLUE	460-470nm	

CABLE EXIT\_GLUING PROCESS



CABLE EXIT\_DIE CASTING

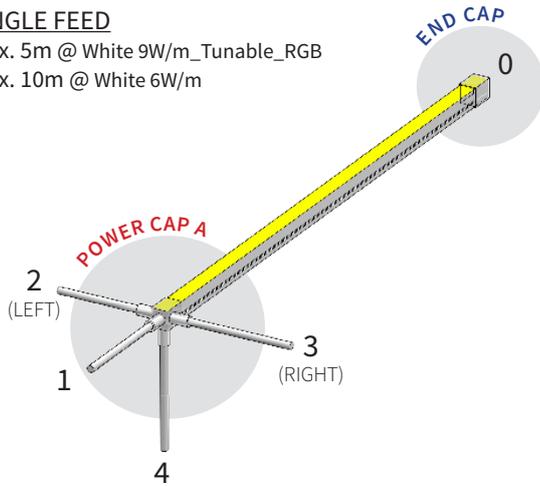


# LUXYLED EVO6.12 - [6x12mm [0,23x0,47in]]

## CABLE EXIT OPTIONS

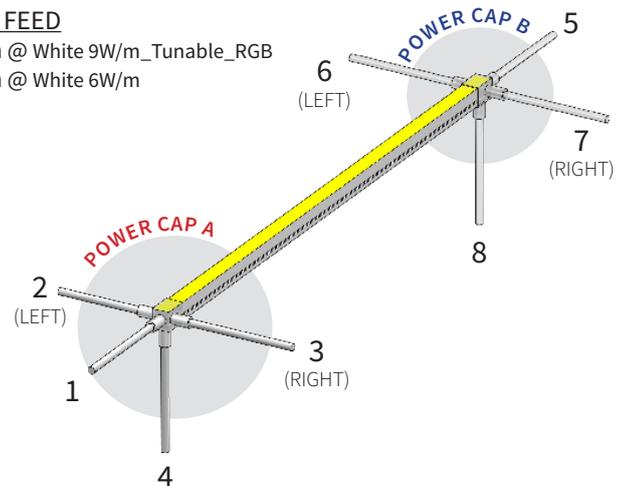
### SINGLE FEED

max. 5m @ White 9W/m\_Tunable\_RGB  
max. 10m @ White 6W/m



### DOUBLE FEED

max. 10m @ White 9W/m\_Tunable\_RGB  
max. 20m @ White 6W/m



#### POWER CAP A

- 1 - LINE FEED
- 2 - SIDE LEFT FEED
- 3 - SIDE RIGHT FEED
- 4 - BOTTOM FEED

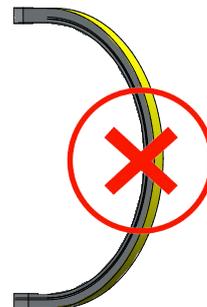
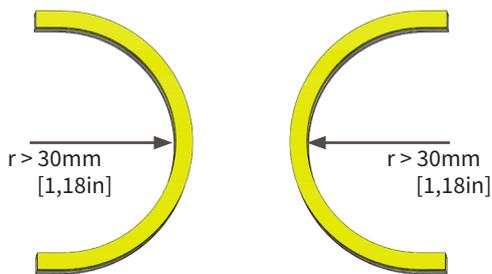
#### POWER CAP B / END CAP

- 0 - END CAP(single feed)
- 5 - LINE FEED
- 6 - SIDE LEFT FEED
- 7 - SIDE RIGHT FEED
- 8 - BOTTOM FEED

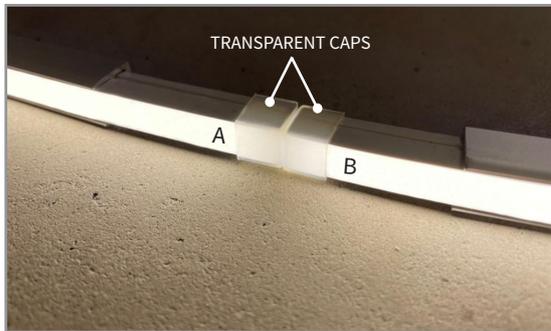
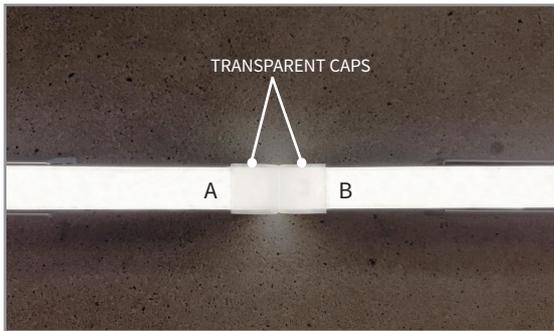
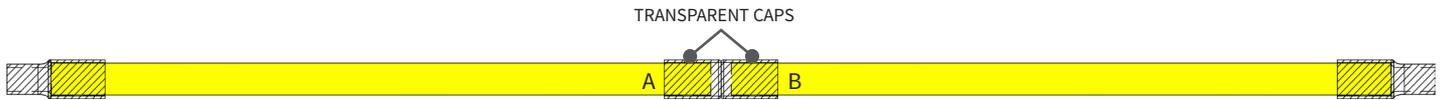
## BENDING RULES

### LUXYLED EVO 6.12 - SIDE BEND

MINIMUM BENDING RADIUS  $r > 30\text{mm}$  [1,18in]

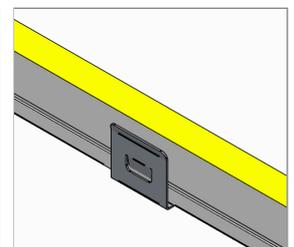
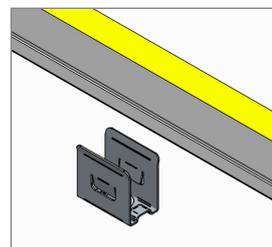
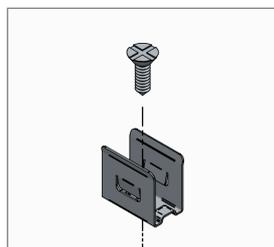
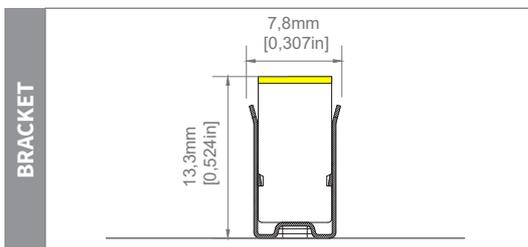
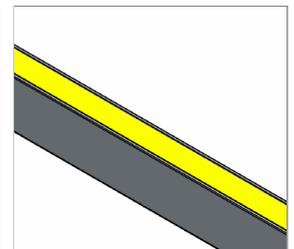
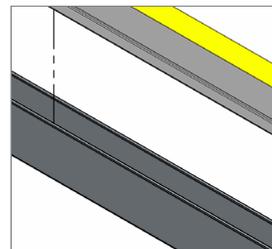
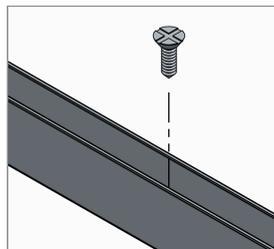
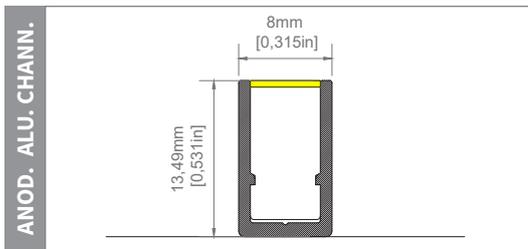


## ZERO GAP

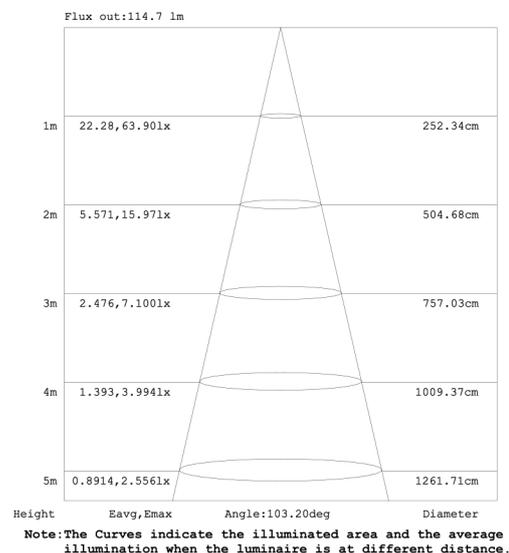
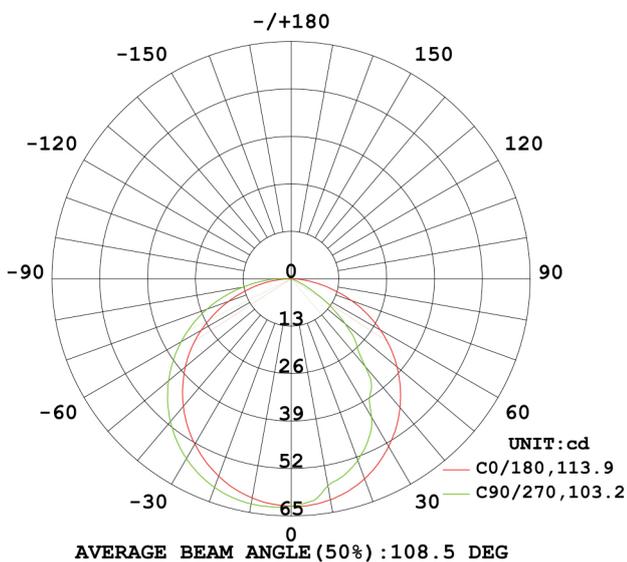


Transparent caps for a "zero gap" joint during extra long installations.

## FIXING ACCESSORIES



## LIGHT DISTRIBUTION DIAGRAM



EVO6.12 / 9W / 2700K