

LUXYLED EVO16 MULTIBENDING BLACK

LINEAR LIGHT

MAIN CHARACTERISTICS



1. Noble, implicit, and mysterious with the black color of the jacket.
2. Perfectly suitable for applications with black materials and finishes.
3. MULTIBENDING performance to build many plane, curved and complex irregular structures at will.
4. Plane profile allows installation and application in surface mount or flush mount.
5. Uniform, dot-free and smooth lighting performance up to 5M[16.4ft.].
6. On field cuttable and assembly, with endcap sealed by gluing process.
7. Customized length with overall appearance in the same size by edgeless technology process.
8. Dimmable available with PWM signal.
9. Environmentally-friendly, high grade appearance, soft bend flexibility, strong impact resistant and high weather resistance using silicone material.
10. 50,000h LED lifespan, 5 years warranty, CE & UL approval.

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 EVO16M BLACK- [16x16mm [0,63x0,63in]]

PROMOTECH

PARAMETERS

Type	Bending	Dimension	Cutting Unit	IP Rating	Operating temp.	Lifespan	Beam Angle	Luminous Flux
Luxyled Evo16M 4-sided Black (White)	Multibending	W16xH16mm W0,63xH0,63in	ZERO MODULE TECHNOLOGY cut it anywhere	IP67	Ta: -20~45°C -4~113°F	50,000h (Tc ≤65°C[149°F])	120°	125lm/mt (38lm/ft)
Luxyled Evo16M 4-sided Black (RGB)			50mm 1,97in					
Luxyled Evo16M 4-sided Black (SPI - RGB)								

Type	W	Max. Length Single Feed	Max. Length Double Feed	V	K	Warranty (Indoor)	Warranty (Outdoor)
Luxyled Evo16M 4-sided Black (White)	14W/m 4,3W/ft	5m 16,4ft	10m 32,8ft	24Vdc	2700K, 3000K, 4000K, 5000K	5 years	3 years
Luxyled Evo16M 4-sided Black (RGB)					R: 620-630nm G: 515-530nm B: 460-470nm		
Luxyled Evo16M 4-sided Black (SPI - RGB)							

*Custom color temperature on request

DELIVERED LUMEN VALUES

WHITE	LED CRI	EVO 16M Black 14W/m - 4,3 W/ft	
		Lm/m	Lm/ft
● 2700K	>90	106	32
● 3000K	>90	108	33
○ 4000K	>90	117	35
● 5000K	>90	115	35

LUXYLED EVO16M BLACK- [16x16mm [0,63x0,63in.]

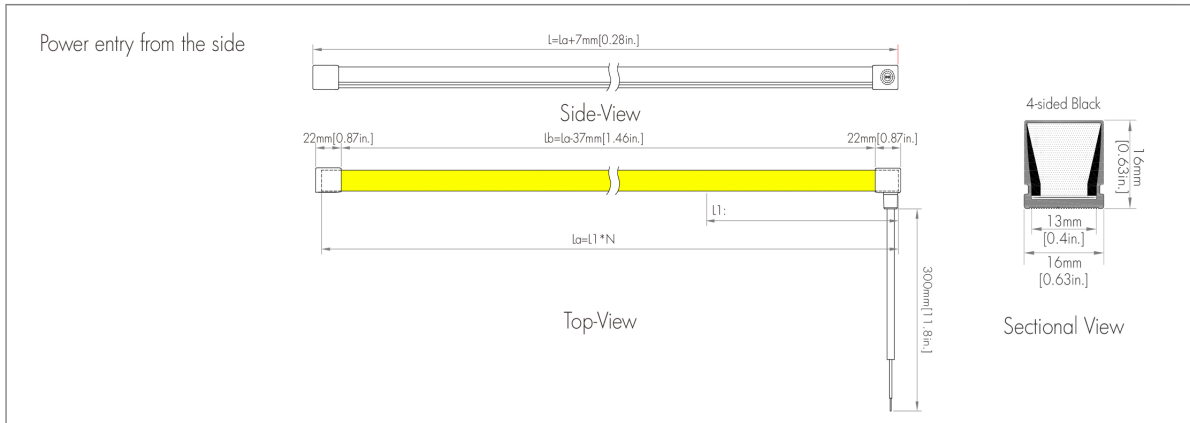


CABLE EXIT - GLUING PROCESS

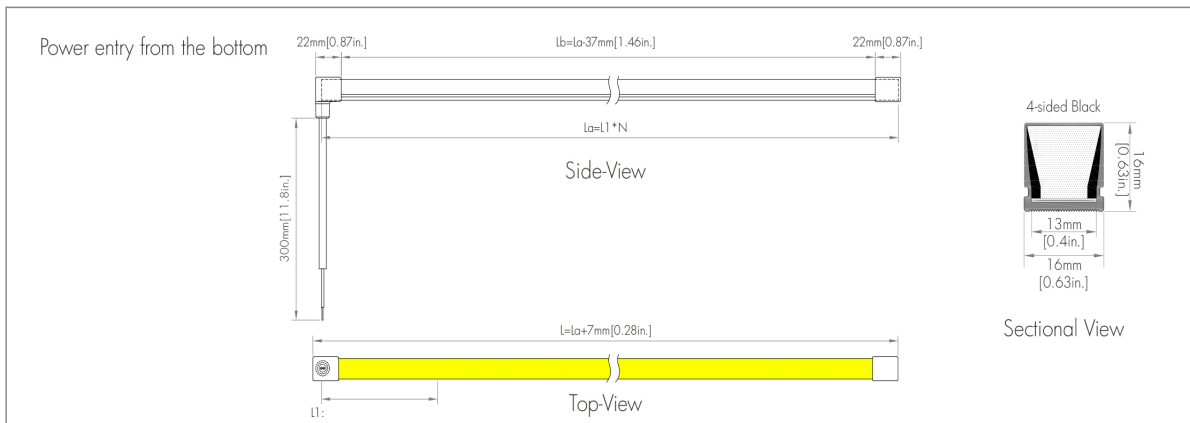
LINE FEED [1]



SIDE FEED - RIGHT & LEFT [3-2]



BOTTOM FEED [4]

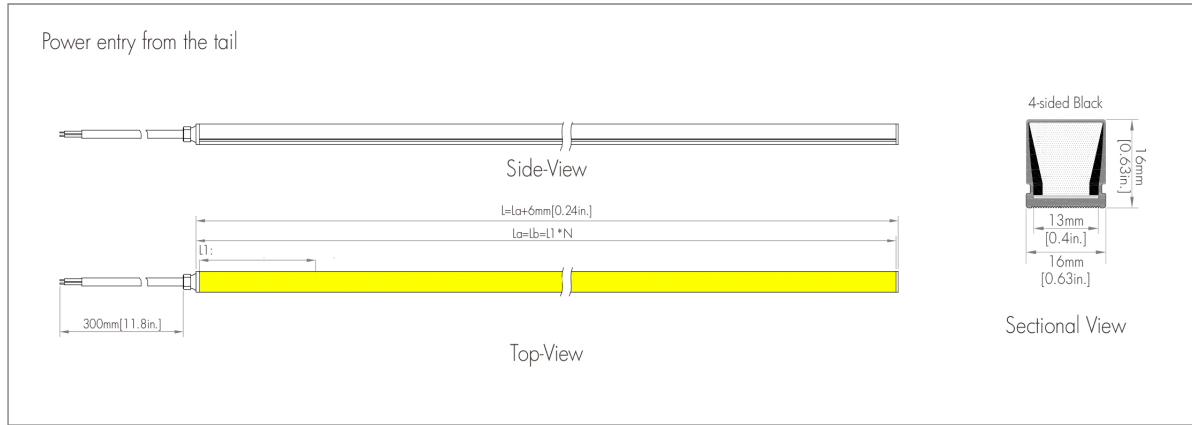


LUXYLED EVO16M BLACK- [16x16mm [0,63x0,63in.]

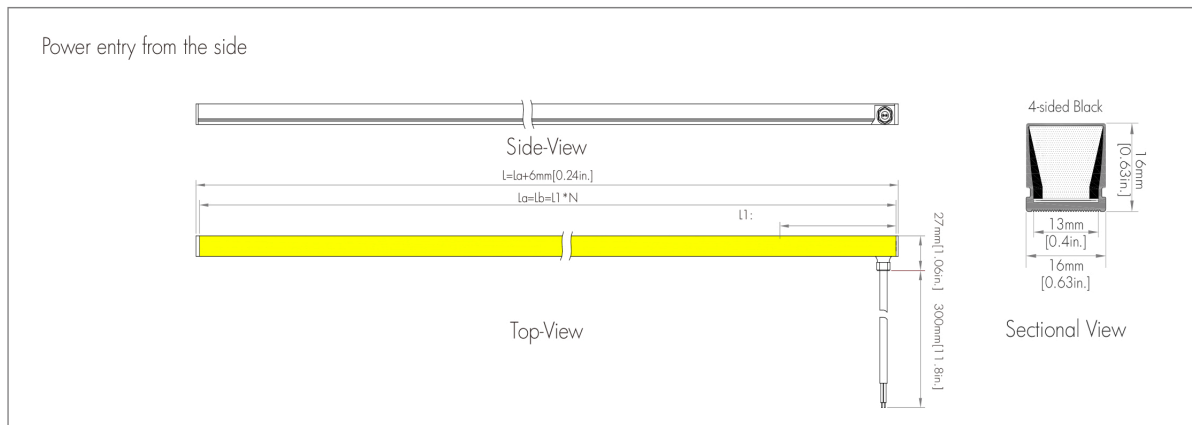


CABLE EXIT - EDGE LESS TECHNOLOGY

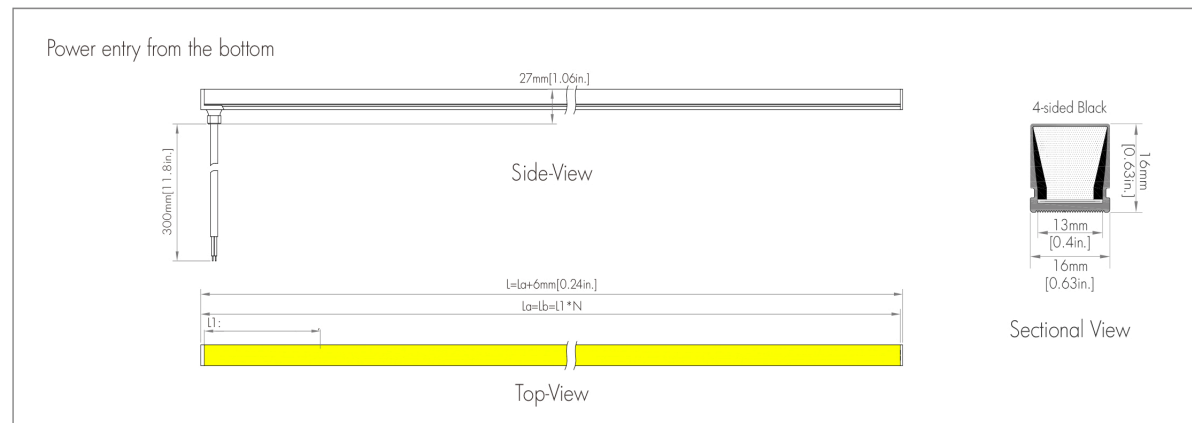
LINE FEED [1]



SIDE FEED - RIGHT & LEFT [3-2]



BOTTOM FEED [4]



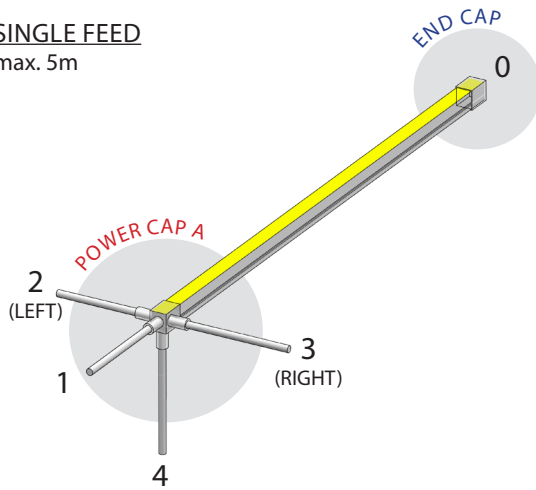
LUXYLED EVO16M BLACK- [16x16mm [0,63x0,63in]]



CABLE EXIT OPTIONS

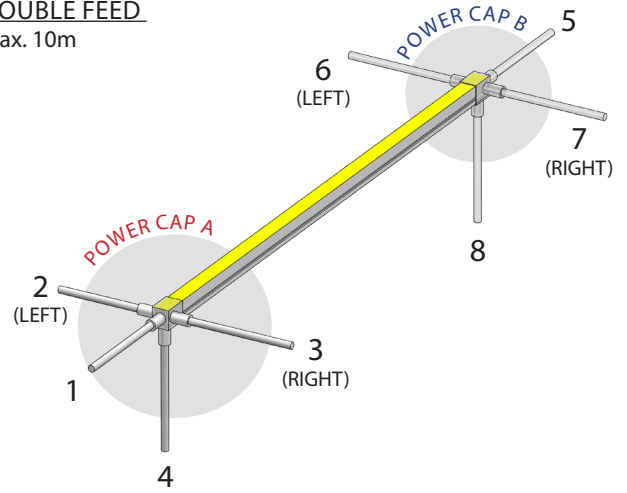
SINGLE FEED

max. 5m



DOUBLE FEED

max. 10m



POWER CAP A

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

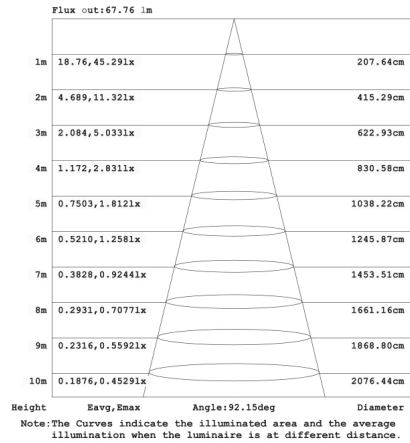
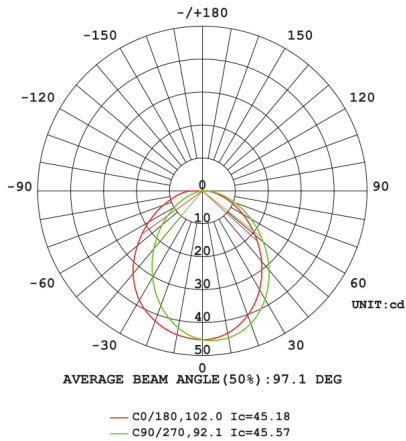
POWER CAP B / END CAP

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

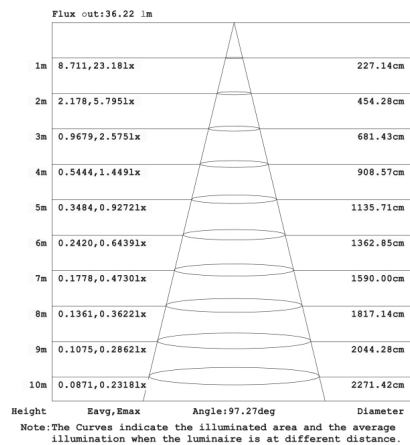
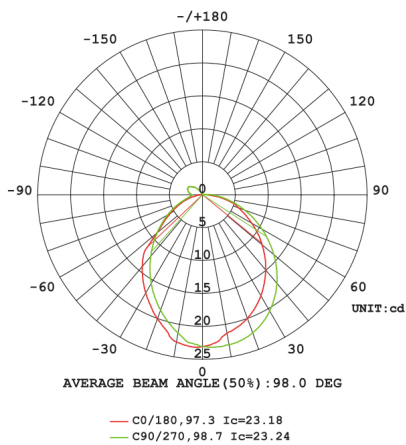
LUXLED EVO16M BLACK- [16x16mm [0,63x0,63in.]



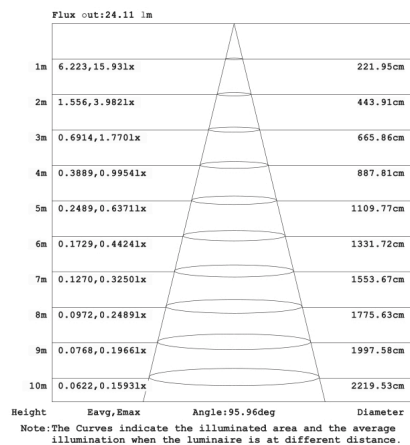
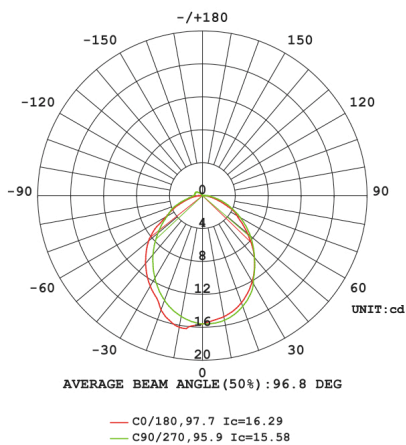
LIGHT DISTRIBUTION DIAGRAM



White 3000K CRI90



RGB



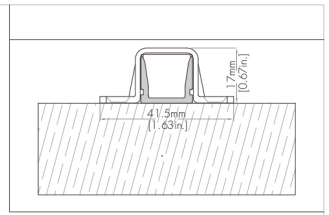
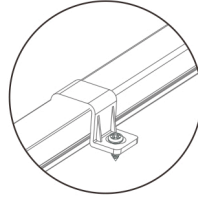
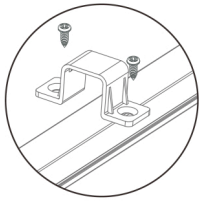
SPI RGB

LUXLED EVO16M BLACK- [16x16mm [0,63x0,63in.]



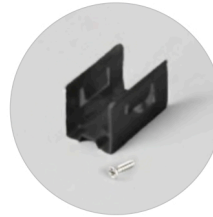
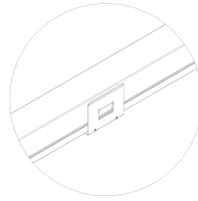
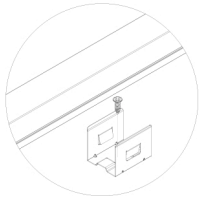
FIXING ACCESSORIES

Fixed by clip and screw

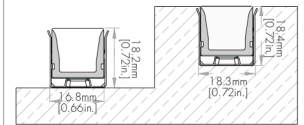


Note: Transparent color is standard.

Fixed by bracket and screw



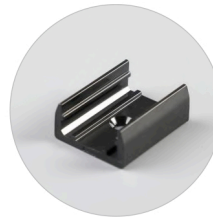
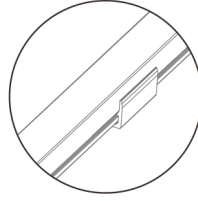
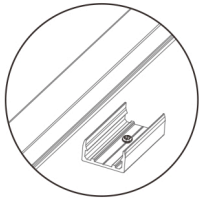
Space & Groove are shown as below



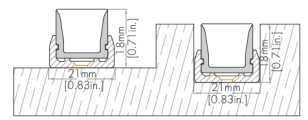
Surface & Recessed mounting

Note: Black color is standard;

Fixed by bracket and screw

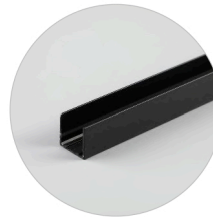
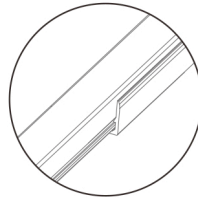
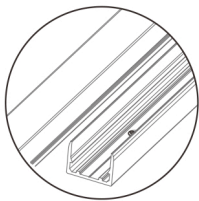


Groove size is shown as below

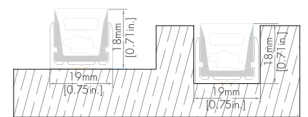


Note: Black color is standard.

Fixed by aluminum profile and screw

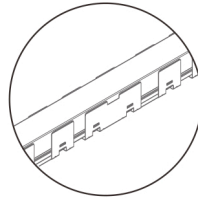
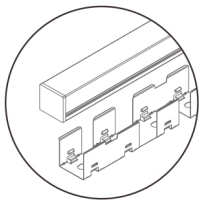


Groove size is shown as below

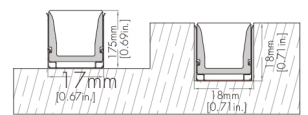


Note: Black color is standard.

Fixed by bendable bracket and screw



Groove size is shown as below

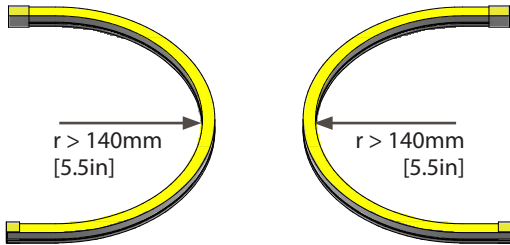


Note: Black color is standard and shipped in 1M[3.94ft.] per piece.

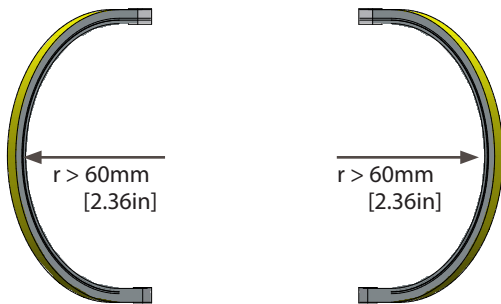
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PROMOTECH

BENDING RULES

LUXYLED EVO16M BLACK MINIMUM BENDING RADIUS $r > 140\text{mm}$ [5.50in]

MAX. TWIST ANGLE IS 360°/m

LUXYLED EVO16M BLACK MINIMUM BENDING RADIUS $r > 60\text{mm}$ [2.36in]

MAX. TWIST ANGLE IS 360°/m