

LUXYLED EVO20

LINEAR LIGHT

LUXYLED EVO20 - [20x20mm [0,79x0,79in]]

MAIN CHARACTERISTICS



Exceptional multi-bend versatility: *designed to easily adapt to flat, curved, and complex architectural surfaces with precision and style.*

Available in multiple lighting and control options: *including White, CCT Tunable, RGB, RGBW, SPI RGBW and DMX RGB.*

On-Site cutting and assembly: *for quick flexible customization - with end caps securely sealed using a high-quality gluing process.*

Custom lengths available: *maintaining a consistent and elegant appearance through precision of edge-less technology.*

Fully dimmable *via PWM signal for smooth brightness control.*

Built with advanced silicone extrusion technology: *offering a superior alternative to traditional yellowing PVC.*

Long lasting performance: *up to 50,000 hours of LED lifespan backed by a 5 year warranty.*

IP67 waterproof protection: *suitable for both indoor and outdoor environments.*

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.

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PARAMETERS

Type	Bending	Dimension	Cutting Unit	IP Rating	Operating temp.	Lifespan	Beam Angle	Min. bend. radius
Luxyled Evo20 (RGBW)	Multibending	W20xH20mm W0,79xH0,79in	62,5mm 2,46in	IP67	Ta: -20~45°C -4~113°F	50,000h (Tc ≤65°C[149°F])	120°	SIDE BEND 140m\m 5,51in TOP BEND 100mm 3,93in
Luxyled Evo20 (RGB)	Multibending	W20xH20mm W0,79xH0,79in	62,5mm 2,46in	IP67	Ta: -20~45°C -4~113°F	50,000h (Tc ≤65°C[149°F])	120°	
Luxyled Evo20 (SPI RGBW)	Multibending	W20xH20mm W0,79xH0,79in	62,5mm 2,46in	IP67	Ta: -20~45°C -4~113°F	50,000h (Tc ≤65°C[149°F])	120°	
Luxyled Evo20 (DMX RGBW)	Multibending	W20xH20mm W0,79xH0,79in	62,5mm 2,46in	IP67	Ta: -20~45°C -4~113°F	50,000h (Tc ≤65°C[149°F])	120°	
Luxyled Evo20 (WHITE)	Multibending	W20xH20mm W0,79xH0,79in	ZERO MODULE TECHNOLOGY	IP67	Ta: -20~45°C -4~113°F	50,000h (Tc ≤65°C[149°F])	120°	
Luxyled Evo20 (CCT)								

Type	W	Max. Length Single Feed	Max. Length Double Feed	V	K	Warranty (Indoor)	Warranty (Outdoor)
Luxyled Evo20 (RGBW)	14W/m 4,3W/ft	5m 16,4ft	10m 32,8ft	24Vdc	RGB+W 2700 RGB+W 3000 RGB+W 4000 RGB+W 5000	5 years	3 years
Luxyled Evo20 (RGB)	14W/m 4,3W/ft	5m 16,4ft	10m 32,8ft	24Vdc	R: 620-630 nm G: 518-528 nm B: 460-470 nm		
Luxyled Evo20 (SPI RGBW)	14W/m 4,3W/ft	5m 16,4ft	10m 32,8ft	24Vdc	R: 620-630 nm G: 518-528 nm B: 460-470 nm W: 2700-6500K		
Luxyled Evo20 (DMX RGBW)	14W/m 4,3W/ft	5m 16,4ft	10m 32,8ft	24Vdc	R: 620-630 nm G: 518-528 nm B: 460-470 nm W: 2700-6500K		
Luxyled Evo20 (WHITE)	14W/m 4,3W/ft	5m 16,4ft	10m 32,8ft	24Vdc	2700K 3000K 4000K		
Luxyled Evo20 (CCT)	14W/m 4,3W/ft	5m 16,4ft	10m 32,8ft	24Vdc	CCT tunable 2700-6000K		

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REAL DELIVERED LUMEN VALUES

		EVO20 14W/m - 4,27W/ft		
		LED CRI	Lm/m	Lm/ft
W 2700K		<90	808	246
W 3000K		<90	840	256
W 4000K		<90	900	275

PART NUMBER BUILDER

V [A]	W [B]	K [C]	POW.CAP A [D]	ENDCAP/POW.CAP B [E]
24 - 24Vdc	14- 14W/m 4,27W/ft	RGB27 - RGB + W 2700K RGB30 - RGB + W 3000K RGB40 - RGB + W 4000K RGB50 - RGB + W 5000K RGB - RGB SPI - RGB SPI DMX - RGB DMX CCT 27 - 2700K 30 - 3000K 40 - 4000K	1 - LINE 2 - SIDE LEFT 3 - SIDE RIGHT 4 - BOTTOM	0 - END CAP 5 - LINE 6 - SIDE LEFT 7 - SIDE RIGHT 8 - BOTTOM

EVO20

EXAMPLE: **Evo20**
 [A] [B] [C] [D][E]

LENGTH m
 ft

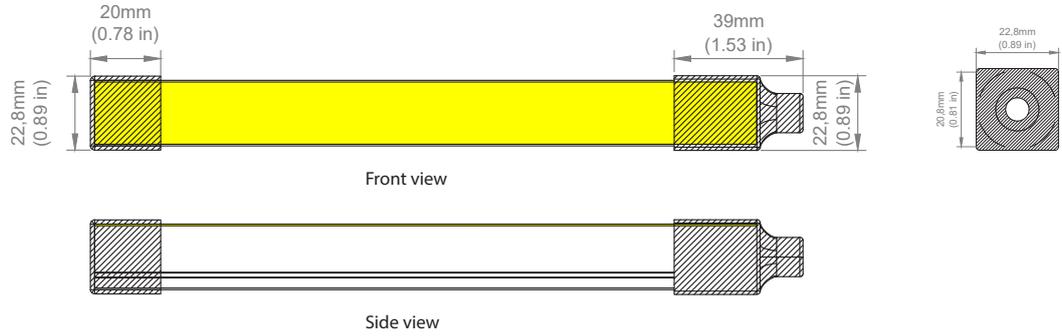
DIMMING PROTOCOLS DALI KNX 0-10 ELV / MLV OTHERS

FIXING ANOD. ALU. CHANN. PTLUXEVO20ALBAR1 BENDABLE CHANN. PTLUXEVO20ALBARBND BRACKET PTLUXEVO20ALCLIP

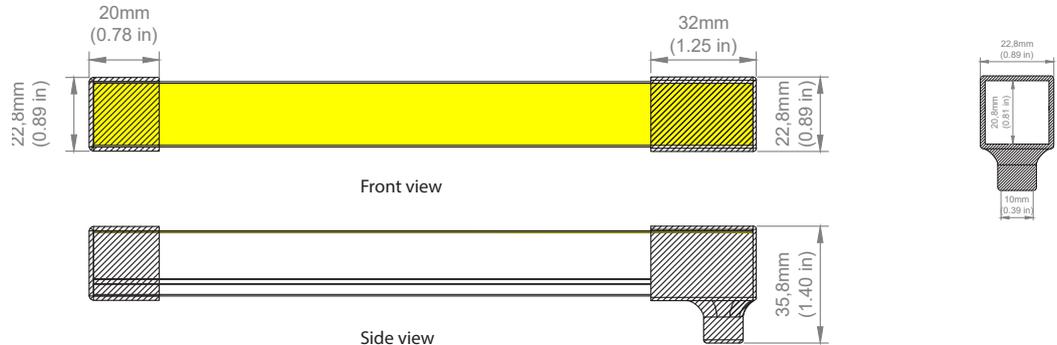
LUXYLED EVO20 - [20x20mm [0,79x0,79in]]

CABLE EXIT BY GLUING PROCESS

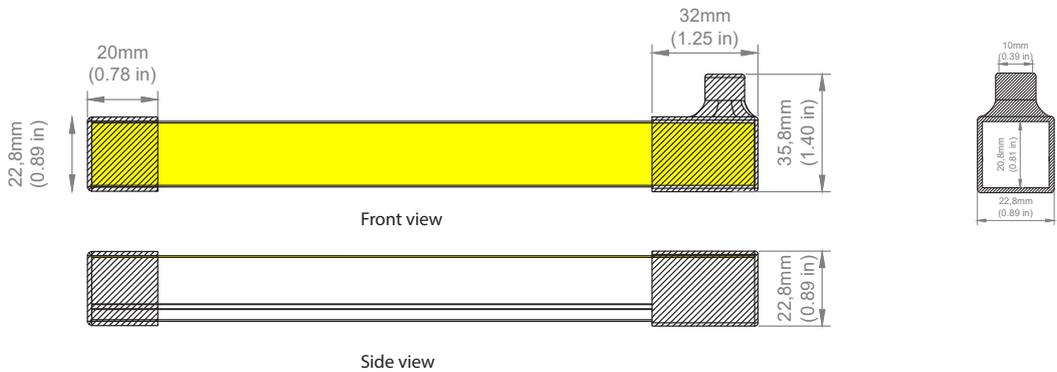
LINE FEED [1]



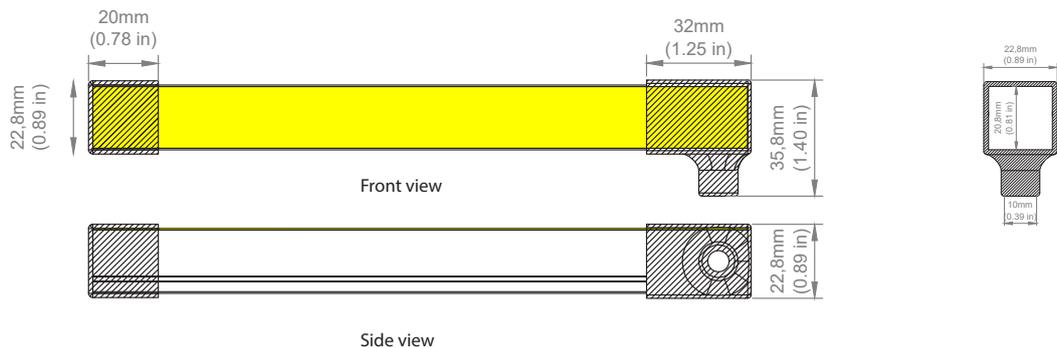
BOTTOM FEED [4]



SIDE FEED - RIGHT [3]



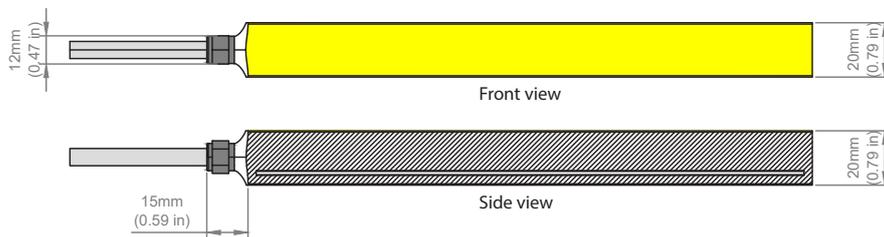
SIDE FEED - LEFT [2]



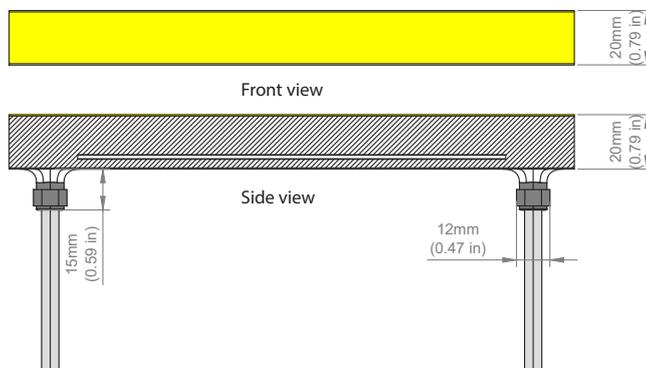
LUXYLED EVO20 - [20x20mm [0,79x0,79in]]

EDGE-LESS TECHNOLOGY

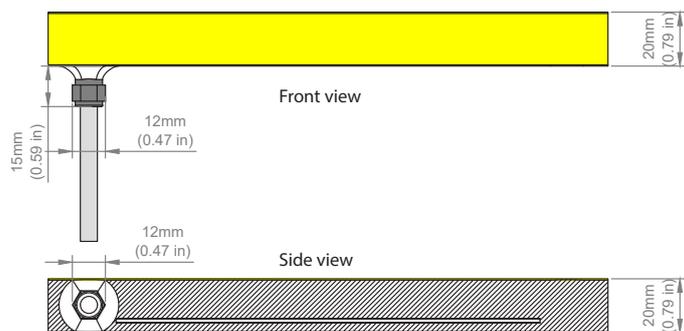
LINE FEED [1]



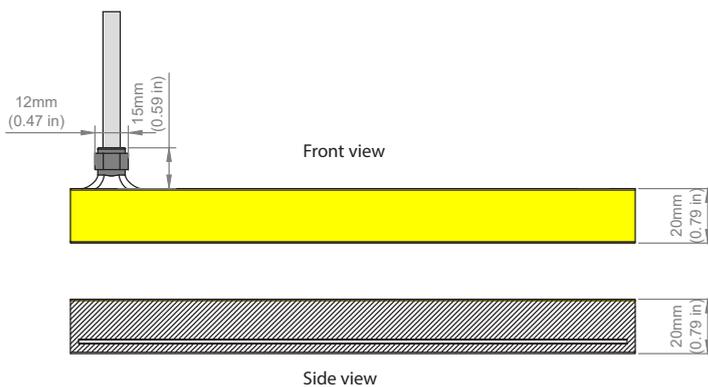
BOTTOM FEED [4]



SIDE FEED - RIGHT [3]



SIDE FEED - LEFT [2]

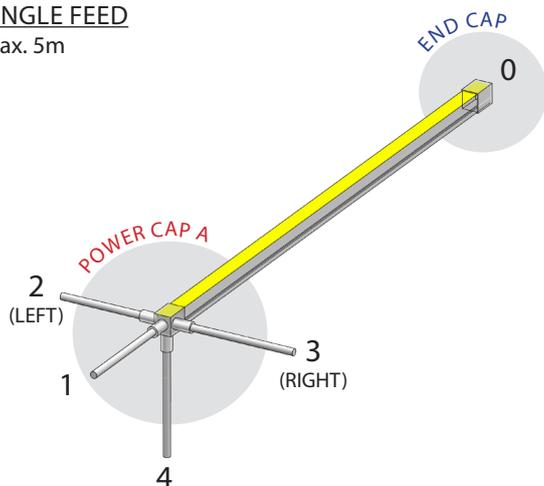


LUXYLED EVO20 - [20x20mm [0,79x0,79in]]

CABLE EXIT OPTIONS

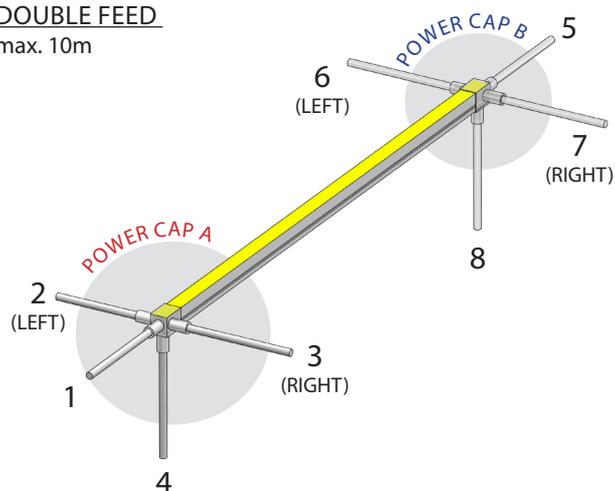
SINGLE FEED

max. 5m



DOUBLE FEED

max. 10m



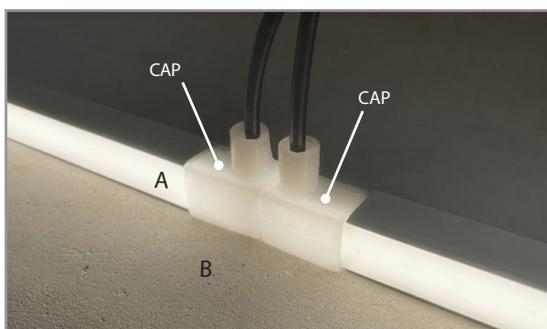
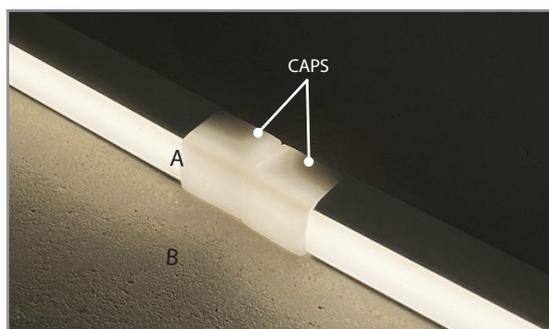
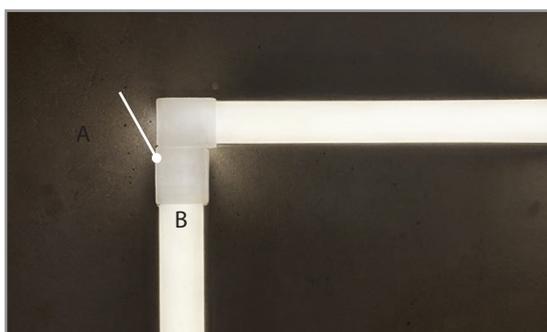
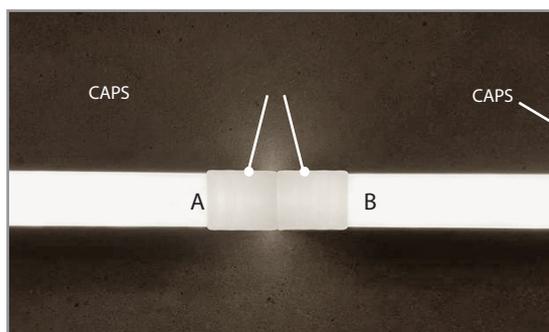
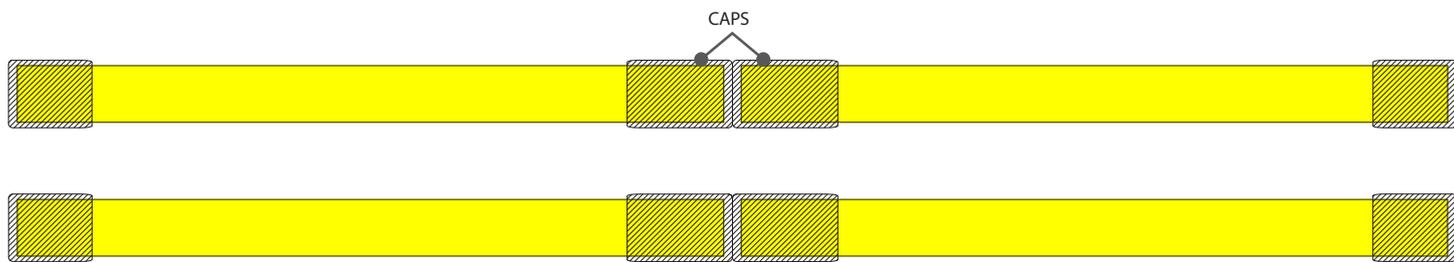
POWER CAP A

- 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

CAPS

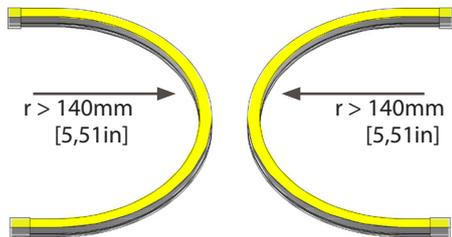


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BENDING RULES

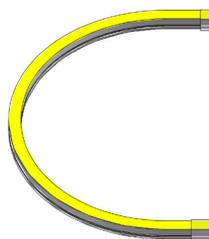
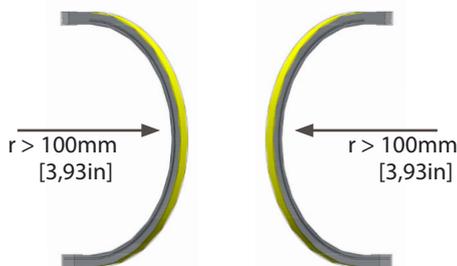
LUXYLED EVO20 - MULTIBENDING

MINIMUM BENDING RADIUS / SIDE BEND $r > 140\text{mm}$ [5,51in]



CAN BE TOP BEND

MINIMUM BENDING RADIUS / TOP BEND $r > 100\text{mm}$ [3,93in]



CAN BE SIDE BEND



MAX. TWIST ANGLE IS 360°/m

FIXING ACCESSORIES

