

# Low Power eStrip

The Low Power LED eStrip, equipped with 3014 type LEDs, is a versatile linear lighting solution that offers improved brightness and performance



## FEATURES

- 40,000 hours life
- Safe low voltage (24V)
- Virtually maintenance free
- Ultra low power consumption
- Available in 40' spools (custom cuts available)
- Crushproof to 100psi
- Field cuttable
- Inter-connectable
- Highly flexible (min. bend radius 1.5")
- Indoor/outdoor use
- Impact resistant
- Dimmable
- 2 years limited warranty

## APPLICATIONS

- Building outlines
- Coves
- Stairway and aisle lighting
- Signage
- Backlit panels
- Decks
- Edgelit glow
- Emergency lighting
- Pathway lighting
- Billboards
- Highlighting architectural features
- Over/Under cabinets

## SPECIFICATIONS

<b>Product Code</b>		LES-XX-YY (XX: Length in feet; YY: Colour temperature)
<b>Electrical</b>	<b>Input Voltage</b>	24V DC
	<b>Power Consumption</b>	0.96W/Ft
<b>Specs</b>	<b>Colour Temperature</b>	3000/5800K
	<b>Lumen Output</b>	61 Lumens per ft. 5800K; 55 Lumens per ft. 3000K
	<b>LED Colours</b>	Amber, Red, Blue, Pure Green, 5800K, 3000K
	<b>PVC Body Colour</b>	Clear
	<b>Min/Max Surface Temp for Mounting</b>	-40°C - 40°C (-40°F - 104°F)
	<b>Dimmable</b>	Yes
	<b>Beam Angle</b>	120°
<b>LED</b>	<b>Type</b>	N/A
	<b>Life Span</b>	40,000 Hours
	<b>Spacing</b>	1" (25.4mm)
	<b># per foot (304mm)</b>	12
<b>Design</b>	<b>Dimensions (Inches)</b>	.25 x .5"
	<b>Dimensions (Millimeters)</b>	6 x 12mm
	<b>Max Single Run Length</b>	90Ft
	<b>Custom Cuttable</b>	6" (152.4mm)
	<b>Approved Location</b>	Indoor/Outdoor
<b>Warranty</b>	2 years	
<b>Approvals</b>	cETLus	

## PRODUCT CODES

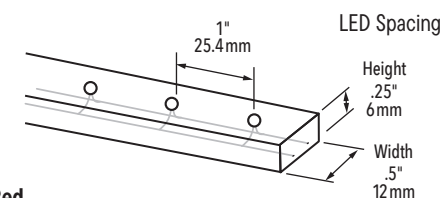
XX: Length in feet; YY: Colour temperature

90Ft spools  
LES - 90 - YY

**LED eStrip** **LED COLOUR**  
3000K, 5800K, AM - Amber,  
BL - Blue, PG - Pure Green, RD - Red

Custom cuts  
LES - XX - YY

**LED eStrip** **LED COLOUR**  
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## ACCESSORIES



**LES-001-6BR**  
Outdoor 6' Power connector for burial connections, 1/4" x 1/2" (6mm x 12mm). Comes with end cap



**LES-001-12BR**  
Outdoor Power connector, with SJTW-2 12 ft wires for burial connections 1/4" x 1/2" (6mm x 12mm) Comes with end cap



**LES-STP-2BR**  
Outdoor 2' Step cord for burial connections



**LES-STP-12BR**  
Outdoor 12' Step cord (shown) for burial connections



**LES-FLEX-BR**  
Outdoor Step cord for burial connections

**LES-001-6CL**  
Indoor 6' Power connector for through wall connections

**LES-001-12CL**  
Indoor 12' Power connector for through wall connections

**LES-STP-2CL**  
Indoor 2' Step cord (shown) for through wall connections

**LES-STP-12CL**  
Indoor 12' Step cord for through wall connections

**LES-FLEX-CL**  
Indoor Step cord (shown) for through wall connections



**LES-BFTD**  
T type connector, 1/4" X 1/2" (6 x 12mm), male connector in bottom



**LES-003-2**  
Cutting end cap, 0.25" X 0.5" (6mm x 12mm)



**LMSII-001**  
Terminal block and junction box for connection to additional lengths of power cable if needed



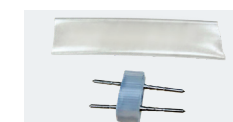
**LES-BFLN**  
L type connector, 1/4" X 1/2" (6mm x 12mm)



**LES-002**  
In-Line connector set, male and female, 1/4" X 1/2" (6mm x 12mm)



**LES-BFXN**  
X type connector, 1/4" X 1/2" (6mm x 12mm)



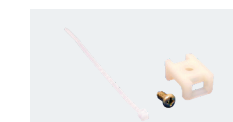
**LES-BFDN**  
6 x 12mm splice kit (pins, pad and shrink tube)



**LES-BFTR**  
T type connector, 1/4" X 1/2" (6 x 12mm), male connector in right or left



**LES-005**  
Wood nail clips, 1/4" X 1/2" (6mm x 12mm)



**LES-008**  
Tie wrap and mounting saddle

## INDOOR/OUTDOOR DIMMABLE DRIVERS

**Switchex®**  
LED DRIVER + DIMMER IN ONE  
A dimmer with an integrated driver that converts 120VAC to either 12VDC or 24VDC.

**MLDRE-40-24-DM**  
Max 37.5' (11.4m)  
Min 8 Watts, 9' LED eStrip (2.7m)  
6.77" x 2.67" x 1.26" (171 x 68 x 32mm)

**MLDRE-96-24-DM**  
Max 90' (27.4m)  
Min 8 Watts, 9' LED eStrip (2.7m)  
6.77" x 2.67" x 1.26" (171 x 68 x 32mm)

**NOTE:** For outdoor installations, please add E-KO-SR strain relief (2pcs/driver).



**NN-C10-POLY**  
Polycarbonate 1/2" U channel track for outdoor use



**NN-C10-8**  
PVC 1/2" U channel track for indoor use

## NON DIMMABLE DRIVERS

**MLDR-120-24 (Indoor/Outdoor)**  
Max 90' (27.4m) per single tap  
Max 120' (36.5m) combined 2 secondary taps  
Input: 100 - 240V AC  
Output: 24V DC  
10" x 3 3/8" x 3 3/16" (254 x 85.7 x 80.9mm)

**MLDR-20-24JB (Indoor)**  
Max recommended load 18W LED eStrip; Input: 100 - 240V AC  
Output: 24V DC, 20 Watts  
4 1/8" x 4 1/8" x 1 1/2" (104.8 x 104.8 x 38.1mm)