

# LED eStrip

LED eStrip is our most versatile linear lighting product. Now with 3014 type LEDs, LED eSTRIP is brighter and better than ever!



DIMMABLE



## Features

- 40,000 hours life
- Safe low voltage (24V)
- Virtually maintenance free
- Ultra low power consumption
- Crushproof to 100psi
- Field cuttable
- Inter-connectable
- Highly flexible (min. bend radius 1.5")
- Indoor/outdoor use
- Impact resistant
- Six brilliant colors
- Dimmable
- 2 year 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

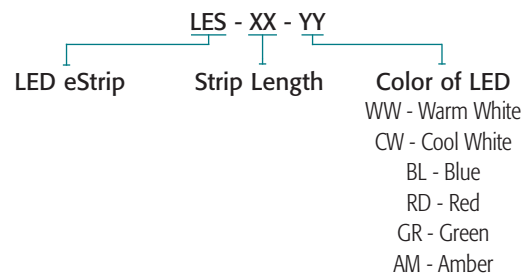
## Specifications

Electrical	24V DC, 0.96W/ft
Viewing Angle	120°
LED Life	40,000 hours
LED Spacing	1" (25.4mm)
Maximum length	90' (27.4m)
Cutting Lengths	6" (152.4mm)
Lumen Output	61 Lumens per ft. Cool White 55 Lumens per ft. Warm White
LED Colors	Amber, Red, Blue, Green, Cool White, Warm White
Min/Max Surface Temperature for Mounting	-40°C – 40°C (-40°F – 104°F)
PVC body color	Clear
Dimensions	.25" X .5" (6mm x 12mm)
Approvals	cETLus

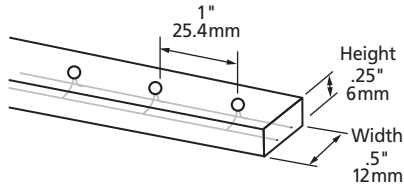
## Color Specifications

Color		Product Code
Amber	590 nm	LES-XX-AM
Red	630 nm	LES-XX-RD
Blue	465 nm	LES-XX-BL
Pure Green	525 nm	LES-XX-GR
Cool White	5800K (± 200K)	LES-XX-CW
Warm White	3000K (± 200K)	LES-XX-WW

## Product Codes



### LED Spacing



### Accessories



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

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



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

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



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

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



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

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



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

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



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



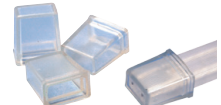
**LES-BFLN**  
L type connector, 1/4" X 1/2" (6mm x 12mm)



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



**LES-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)  
**LES-003-3**  
Molded end cap (not shown)



**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)



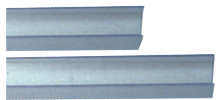
**LES-008**  
Tie wrap and mounting saddle



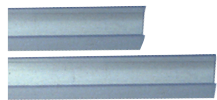
**LES-BFXN**  
X type connector, 1/4" X 1/2" (6mm x 12mm)



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



**LES-010**  
4' plastic mounting channel, indoor use  
**LES-010-S**  
Predrilled with screws  
**LES-010-T**  
With double sided tape



**NN-C10-POLY**  
For outdoor use

### Indoor/Outdoor Dimmable Drivers

**TRE24L40DC**  
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)

**TRE24L96DC**  
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.

### Non Dimmable Drivers

**LEDDR-24-120W**  
Indoor/Outdoor driver  
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)

**LES-24-65W**  
Indoor Plug In Driver  
Input: 100-240V AC  
Output: 24V DC  
4.7" x 2" x 1.3" (119.4 x 50.8 x 33mm)

# High Power LED eStrip

New High Power eStrip with twice the lumen output of our regular eSTRIP!



DIMMABLE



## Features

- 40,000 hours life
- Safe low voltage (24V)
- Virtually maintenance free
- Ultra low power consumption
- Crushproof to 100psi
- Field cuttable
- Inter-connectable
- Highly flexible (min. bend radius 1.5")
- Indoor/outdoor use
- Impact resistant
- Dimmable
- 2 year 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

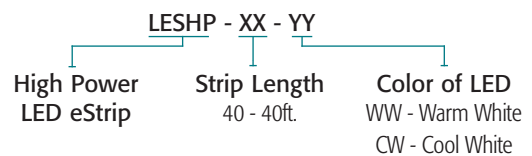
## Specifications

Electrical	24V DC, 2.2W/ft
Viewing Angle	120°
LED Life	40,000 hours
LED Spacing	1" (25.4mm)
Maximum length	40' (12m)
Cutting Lengths	6" (152.4mm)
Lumen Output	155 Lumens per ft. Cool White 137 Lumens per ft. Warm White
LED Colors	Cool White, Warm White
Min/Max Surface Temperature for Mounting	-40°C - 40°C (-40°F - 104°F)
PVC body color	Clear
Dimensions	.25" X .5" (6mm x 12mm)
Approvals	cETLus

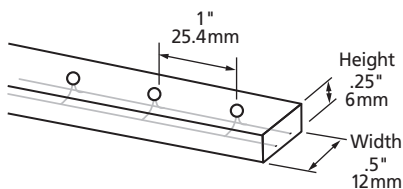
## Color Specifications

Color		Product Code
Cool White	5800K (± 200K)	LESHP-XX-CW
Warm White	3000K (± 200K)	LESHP-XX-WW

## Product Codes



## LED Spacing



## Accessories



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

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



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

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



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

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



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

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



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

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



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



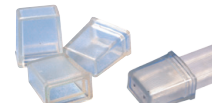
**LES-BFLN**  
L type connector, 1/4" X 1/2" (6mm x 12mm)



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



**LES-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)

**LES-003-3**  
Molded end cap (not shown)



**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)



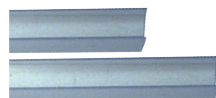
**LES-008**  
Tie wrap and mounting saddle



**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-010**  
4' plastic mounting channel, indoor use

**LES-010-S**  
Predrilled with screws

**LES-010-T**  
With double sided tape



**NN-C10-POLY**  
For outdoor use

## Indoor/Outdoor Dimmable Drivers

**TRE24L40DC**  
Max 16' (4.8m)  
Min 8 Watts, 4' LED eStrip (1.2m)  
6.77" x 2.67" x 1.26" (171 x 68 x 32mm)

**TRE24L96DC**  
Max 40' (12.1m)  
Min 8 Watts, 4' LED eStrip (1.2m)  
6.77" x 2.67" x 1.26" (171 x 68 x 32mm)

NOTE: For outdoor installations, please add E-KO-SR strain relief.

## Non Dimmable Drivers

**LEDDR-24-120W**  
Indoor/Outdoor driver  
Max 40' (12m) per single tap  
Max 54' (16.4m) 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)

**LES-24-65W**  
Indoor Plug In Driver  
Input: 100-240V AC  
Output: 24V DC  
4.7" x 2" x 1.3" (119.4 x 50.8 x 33mm)

# RGB LED eStrip

RGB eSTRIP utilizes RGB LEDs allowing you to produce dramatic color change effects for building outlines, architectural features or anywhere eye catching color changing display lighting is needed.



## Features

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

## Applications

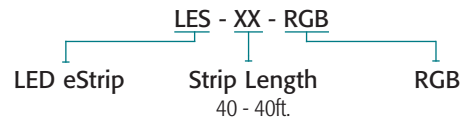
- Building outlines
- Covers
- Stairway and aisle lighting
- Signage
- Backlit panels
- Decks
- Edgelit glow
- Emergency lighting
- Pathway lighting
- Billboards
- Highlighting architectural features
- Over/Under cabinets

## Specifications

Electrical	24V DC, 2.2W/ft
Viewing Angle	120°
LED Life	40,000 hours
LED Spacing	1.3" (33mm)
Maximum length	40' (12m)
Cutting Lengths	8" (198mm)
LED Colors	RGB
Min/Max Surface Temperature for Mounting	-40°C – 40°C (-40°F – 104°F)
PVC body color	Clear
Dimensions	.3" X .6" (7.6mm x 15mm)
Approvals	cETLus

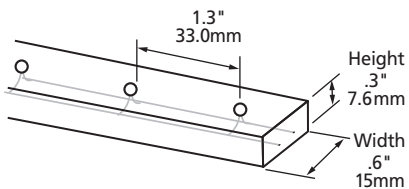
**NOTE: Controllers and signal amplifiers on page 119.**

## Product Codes



NOTE: Sold in 2ft. increments

### LED Spacing



### Accessories



**LES-BTFN**  
Female connector



**LES-BTMN**  
Male connector



**LES-BTSN**  
In line connector



**LES-BTMCJ-1.5**  
1.5' Power connector



**LES-BTMCJ-6**  
6' Power connector



**LES-BTMC-G4-SI**  
Signal in connector for RGB eStrip connection to outdoor signal amplifier



**LES-BTMC-G4-SO**  
Signal out connector for RGB eStrip connection to outdoor signal amplifier



**LES-001-OD-6FT**  
Power feed connector for connection to outdoor signal amplifier



**LES-STCN**  
Cutting end cap



**LES-STFN**  
Female end cap



**LES-STPV-T**  
Clear PVC mounting "U" channel (1M)



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



**LES-C-6**  
Tie wrap



**LES-MX-1**  
Allen key



**TCJ-E06**  
6' (1.8m) Extension cord  
**TCJ-E30**  
30' (9.1m) Extension cord



**LT-09S-RF**  
6 Key RGB "touch" controller  
12/24V DC



**LN-CON-WIFI-3CH-XV**  
WiFi controller for RGB, CCT, and dimming, c/w RF remote 12/24VDC

### Non Dimmable Drivers

#### LEDDR-24-120W

Indoor/Outdoor driver  
Max 40' (12.1m) per single tap  
Max 54' (16.46m) 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)