

# LED Britestrip

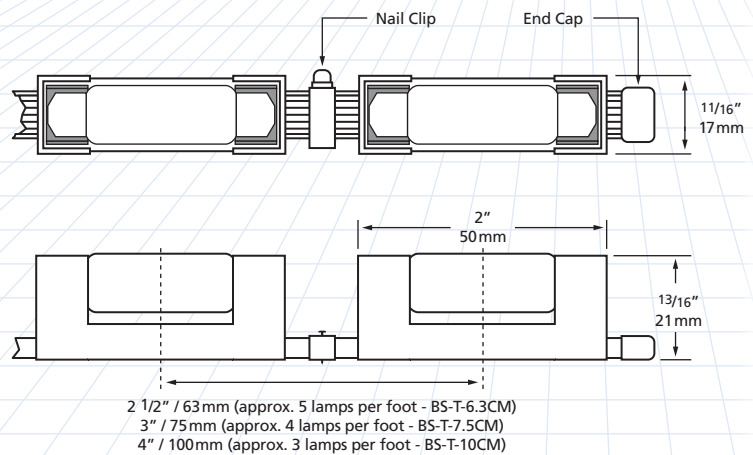
Magic Lite's popular Britestrip provides the ultimate in linear lighting systems.



With a bend radius of  $2\frac{1}{4}''/5.75\text{ cm}$  (inside or outside), LED BRITESTRIP can evenly illuminate the tightest of curved surfaces. Even 90 degree corners are simple to do. LED BRITESTRIP mounts easily with 3M® double sided tape (pre-fixed to the back of each socket) or with simple to use nail clips for added security. The lamp holders are stamped with a "+" and "-" to indicate polarity of the LED modules.

## Features

- ✓ 0.52W, 24V LED modules for up to 85% energy savings (2300–2600K or 5000–6300K)
- ✓ 3, 4 or 5 lamps per foot models
- ✓ Snap in lamp holders for easy lamp replacement
- ✓ MR-11 lamp adaptors for hi-lighting items in showcases
- ✓ Maximum single run of 170 LED festoon modules (90 Watts)
- ✓ Mounts with 3M double sided tape or mounting clips
- ✓ Parallel wiring means loss of one bulb does not affect others
- ✓ Field cuttable
- ✓ 50,000 hour average lamp life
- ✓ 2 year limited warranty
- ✓ Now dimmable on the primary power supply side with our new Dimmable LED Drivers!

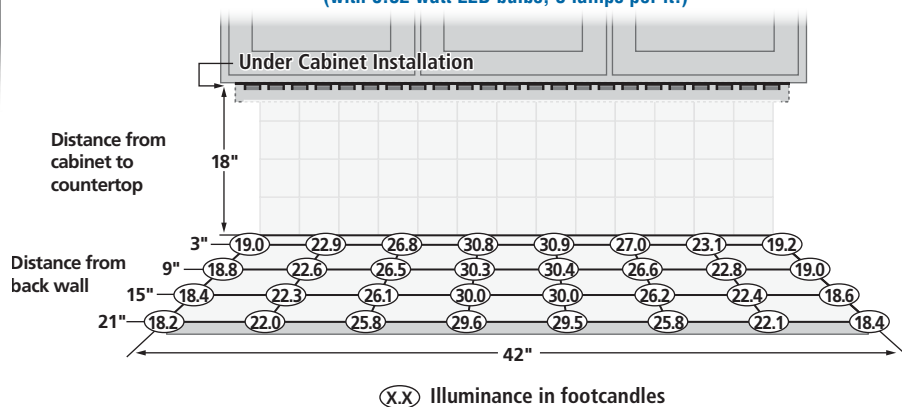


## Applications

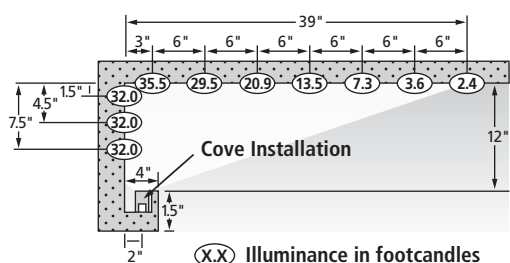
- Under cabinets
- Above cabinets
- Showcase lighting
- Cove lighting
- Indirect lighting
- Sign back lighting
- Shelf lighting
- Decorative accents

# LED Britestrip

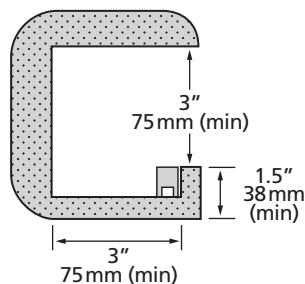
## CounterTop Photometrics Data (with 0.52 watt LED bulbs, 5 lamps per ft.)



## Cove Photometrics Data (with .52 watt LED bulbs, 5 lamps per ft.)



NOTE: Orientation of LED lamps in both cove and under cabinet applications will affect light levels on the surface they are aimed at.



## Cove Typical Installation Detail

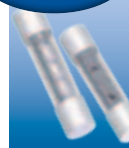
- Dimensions shown are minimum to achieve even surface illumination using BS-T-10CM spacing.
- If using BS-T-6.3CM spacing, minimum dimensions should be 50mm
- Cove can curve vertically or horizontally as Britestrip is flexible in both directions.

## Lamps

Higher lumen output, lower wattage

### Festoon Lamps - LED

Average Lamp Life: 50,000 hours  
Maximum Single Run: 158 LED festoon modules (82 Watts)  
BS-24E5-DW, 24V, 0.52W, 5000-6300K, 36 lumens output  
BS-24E5-WW, 24V, 0.52W, 2300-2600K, 25 lumens output



### MR-11 Type LED

Average Lamp Life: 50,000 hours  
LED Type: Cree XRE LED  
Beam Angle: 40° sharp cutoff  
Maximum single run: 90 watts  
BL-2401-WW 24V, 2W, 3800°K, CR=85  
NOTE: MR-11 Type LED is NOT dimmable



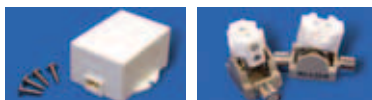
## Accessories



BS-8 Nail Clips

BS-9 Terminal Block

BS-10 End caps



BS-11 Connection Box for housing terminal block connections

BS-MR11H Lamp Holders easily snap into Britestrip lamp sockets allowing for hi-lighting of special objects

NEW!

## Dimmable Drivers

See page 35 for driver selection guide and details of use. See page 33 for list of compatible dimming systems.



MLDR-20-24-DM

Max. recommended load 18 W or 34 LED festoon lamps  
Min. recommended load 10 W or 19 LED festoon lamps  
5.03" x 2.14" x 2.00" (127.76 x 54.36 x 50.80mm)

### MLDR-40-24-DM

Max. recommended load 36 W or 70 LED festoon lamps  
Min. recommended load 20 W or 38 LED festoon lamps  
5.03" x 2.14" x 2.00" (127.76 x 54.36 x 50.80mm)



MLDR-60-24-DM

Max. recommended load 54 W or 102 LED festoon lamps  
Min. recommended load 30 W or 56 LED festoon lamps  
6.06" x 2.59" x 2.20" (153.92 x 65.79 x 55.88mm)



MLDR-100-24-DM

Max. recommended load 90 W or 158 LED festoon lamps  
Min. recommended load 50 W or 95 LED festoon lamps  
7.56" x 3.06" x 2.94" (192.02 x 77.72 x 74.68mm)

## Non Dimmable Drivers



MLDR-20-24JB

Max. 34 Festoon lamps total  
20W hardwire  
Input: 100 - 240V AC  
Output: 24V DC  
4 1/8" x 4 1/8" x 1 1/2"  
(104.8 x 104.8 x 38.1mm)



MLDR-120-24

Max. 200 Festoon lamps total  
Max. 158 Festoon lamps per part  
120W hardwire  
Input: 100 - 240V AC  
Output: 24V DC  
10" x 3 3/8" x 3 3/16"  
(254 x 85.7 x 80.9mm)

## Product Codes

Code	Socket Spacing
BS-T-6.3CM	6.3cm (2.5"), approx 5 lamps per foot
BS-T-7.5CM	7.5cm (3"), approx 4 lamps per foot
BS-T-10CM	10cm (4"), approx 3 lamps per foot