LED eStrip

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

FEATURES
• 40,000 hours life
• Safe low voltage (24V)
• Virtually maintenance free
• Ultra low power consumption
• Available in 90’ spools (custom cuts available)
• Crushproof to 100psi
• Field cuttable
• Inter-connectable
• Highly flexible (min. bend radius 1.5”)
• Indoor/outdoor use
• Impact resistant
• Six brilliant colours
• 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

PRODUCT CODES

<table>
<thead>
<tr>
<th>90Ft spools</th>
<th>Custom cuts</th>
</tr>
</thead>
<tbody>
<tr>
<td>MLS - ESTRIP - YY - 1 - 24 - 90FT</td>
<td>MLS - ESTRIP - YY - 1 - 24 - XX</td>
</tr>
</tbody>
</table>

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Electrical</th>
<th>24V DC, 0.96W/ft</th>
</tr>
</thead>
<tbody>
<tr>
<td>Viewing Angle</td>
<td>120°</td>
</tr>
<tr>
<td>LED Life</td>
<td>40,000 hours</td>
</tr>
<tr>
<td>LED Spacing</td>
<td>1” (25.4mm)</td>
</tr>
<tr>
<td>Maximum Length</td>
<td>90’ (27.4m)</td>
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<tr>
<td>Custom Cuttable</td>
<td>6” (152.4mm)</td>
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<tr>
<td>Lumen Output</td>
<td>61 Lumens per ft, 5800K 55 Lumens per ft, 3000K</td>
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<tr>
<td>LED Colours</td>
<td>Amber, Red, Blue, Pure Green, 5800K, 3000K</td>
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<tr>
<td>Min/Max Surface Temperature for Mounting</td>
<td>-40°C – 40°C (-40°F – 104°F)</td>
</tr>
<tr>
<td>PVC Body Colour</td>
<td>Clear</td>
</tr>
<tr>
<td>Dimensions</td>
<td>.25” X .5” (6mm x 12mm)</td>
</tr>
<tr>
<td>Approvals</td>
<td>cETLus</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>LED eSTRIP</th>
<th>LED COLOUR</th>
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<tbody>
<tr>
<td>3000K</td>
<td>5800K</td>
</tr>
<tr>
<td>AM - Amber</td>
<td>BL - Blue</td>
</tr>
<tr>
<td>PG - Pure Green</td>
<td>RD - Red</td>
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<tr>
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<td>PG - Pure Green</td>
<td>RD - Red</td>
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</table>
ACCESSORIES

**MLS-BFMS-15**
Indoor Power connector, with SJTW-2 1.5 ft wires for through wall connections
1/4" x 1/2" (6mm x 12mm)
Comes with end cap

**MLS-BFMB-72**
Outdoor 6' Power connector for burial connections, 1/4" x 1/2" (6mm x 12mm)
Comes with end cap

**MLS-BFMS-72**
Indoor 6' Power connector for through wall connections

**MLS-BFMB-120**
Outdoor Power connector, with SJTW-2 12 ft wires for burial connections, 1/4" x 1/2" (6mm x 12mm)
Comes with end cap

**MLS-BFMS-120**
Indoor 12' Power connector for through wall connections

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

**MLS-STP-2CL**
Indoor 2' Step cord for through wall connections

**MLS-STP-12BR**
Outdoor 12' Step cord for burial connections

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

**MLS-EFBR**
Outdoor Step cord for burial connections

**MLS-EFSN**
Indoor Step cord (shown) for through wall connections

**MLS-SFHN**
Cutting end cap, 0.25" X 0.5" (6mm x 12mm)

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

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

**MLS-SMPN**
Tie wrap and mounting saddle

**NN-C10-POLY**
For outdoor use
**NN-C10-8**
For indoor use. Clear PVC mounting “U” channel

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

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

**Indoor/Outdoor Dimmable Drivers**

**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)

**Non Dimmable Drivers**

**MLDR-120-24**
Indoor/Outdoor driver
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 driver
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)

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

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

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 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

PRODUCT CODES

<table>
<thead>
<tr>
<th>40Ft spools</th>
<th>Custom cuts</th>
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<tbody>
<tr>
<td>MLSHP - ESTRIP - YY - 1 - 24 - 40FT</td>
<td>MLSHP - ESTRIP - YY - 1 - 24 - XX</td>
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<table>
<thead>
<tr>
<th>HIGH POWER LED eStrip</th>
<th>LED COLOUR</th>
<th>3000K</th>
<th>5800K</th>
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</thead>
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<tr>
<td>LED COLOUR</td>
<td>3000K</td>
<td>5800K</td>
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<td>LED Spacing</td>
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<tr>
<td>Maximum Length</td>
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<tr>
<td>Custom Cuttable</td>
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<td>Lumen Output</td>
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<tr>
<td>LED Colours</td>
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<tr>
<td>Min/Max Surface Temperature for Mounting</td>
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<tr>
<td>PVC Body Colour</td>
</tr>
<tr>
<td>Dimensions</td>
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<tr>
<td>Approvals</td>
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ACCESSORIES

**MLS-BFMS-15**
Indoor Power connector, with SJTW-2 1.5 ft wires for through wall connections
1/4" x 1/2" (6mm x 12mm)
Comes with end cap

**MLS-BFMB-72**
Outdoor 6’ Power connector for burial connections,
1/4” x 1/2” (6mm x 12mm).
Comes with end cap

**MLS-BFMS-120**
Indoor 12’ Power connector for through wall connections

**MLS-STP-2BR**
Outdoor 2’ Step cord for burial connections

**MLS-STP-12BR**
Outdoor 12’ Step cord (shown) for burial connections

**MLS-STP-12CL**
Indoor 12’ Step cord for through wall connections

**MLS-EFBR**
Outdoor Step cord for burial connections

**MLS-EFSN**
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

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

**MLS-BFSN**
In-Line connector set, male and female, 
1/4” X 1/2” (6mm x 12mm)

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

**MLS-SFHN**
Cutting end cap, 0.25” X 0.5” (6mm x 12mm)

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

**MLS-SNPN**
Wood nail clips, 1/4” X 1/2” (6mm x 12mm)

**MLS-SMPN**
Tie wrap and mounting saddle

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

**NN-C10-8**
For indoor use. Clear PVC mounting “U” channel

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

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

**NON DIMMABLE DRIVERS**

**MLDRE-40-24-DM**
Max 16 (4.87m)
Min 8 Watts, 4’ LED eStrip (1.2m)
6.77” x 2.67” x 1.26” (171 x 68 x 32mm)

**MLDRE-96-24-DM**
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 (2pcs/driver)

**MLDR-120-24**
Indoor/Outdoor driver
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)

**MLDR-20-24JB**
Indoor driver
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)

MAGIC LITE LTD • magiclite.com
RGB LED eStrip

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

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 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

PRODUCT CODES

40Ft spools
MLS - ESTRIP - RGB - 1 - 24 - 40FT

Custom cuts
MLS - ESTRIP - RGB - 1 - 24 - XX

NOTE: Sold in 2ft. increments

SPECIFICATIONS

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<table>
<thead>
<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>Electrical</td>
<td>24V DC, 2.2W/ft</td>
</tr>
<tr>
<td>Viewing Angle</td>
<td>120°</td>
</tr>
<tr>
<td>LED Life</td>
<td>40,000 hours</td>
</tr>
<tr>
<td>LED Spacing</td>
<td>1.3” (33mm)</td>
</tr>
<tr>
<td>Maximum Length</td>
<td>40’ (12m)</td>
</tr>
<tr>
<td>Custom Cuttable</td>
<td>8” (198mm)</td>
</tr>
<tr>
<td>LED Colours</td>
<td>RGB</td>
</tr>
<tr>
<td>Min/Max Surface</td>
<td>-40°C – 40°C (-40°F – 104°F)</td>
</tr>
<tr>
<td>Temperature for Mounting</td>
<td></td>
</tr>
<tr>
<td>PVC Body Colour</td>
<td>Clear</td>
</tr>
<tr>
<td>Dimensions</td>
<td>.3” X .6” (7.6mm x 15mm)</td>
</tr>
<tr>
<td>Approvals</td>
<td>cETLus</td>
</tr>
</tbody>
</table>
ACCESSORIES

MLS-BFTN  Female connector
MLS-BTMN  Male connector
MLS-BTSN  In line connector
MLS-BTMCJ-1.5  1.5' Power connector
MLS-BTMCJ-6  6' Power connector

MLS-BTMC-G4-SI  Signal in connector for RGB eStrip connection to outdoor signal amplifier
MLS-BTMC-G4-SO  Signal out connector for RGB eStrip connection to outdoor signal amplifier
LV-CN-G2  Power feed connector for connection to outdoor signal amplifier
MLS-STCN  Cutting end cap
MLS-STFN  Female end cap

MLS-STPV-T  Clear PVC mounting “U” channel (1M)
MLS-SNPT  Wood nail clips, 1/4" X 1/2" (6mm x 12mm)
MLS-C-6  Tie wrap
MLS-MX-1  Allen key
TCJ-E06  6' (1.8m) Extension cord
TCJ-E30  30' (9.1m) Extension cord

MLS-TCJ-EI6-M  LED RGB eStrip 6" Flex Connector
LT-09S-RF  6 Key RGB “touch” controller 12/24V DC
LN-CON-WIFI-3CH-XV  WiFi controller for RGB, c/w RF remote 12/24VDC
LV-ZJFFS-3CH-6INW  Outdoor RGB signal amplifier

NON DIMMABLE DRIVERS

MLDR-120-24  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)

MLDR-20-24JB  Indoor driver
Max recommended load 18W RGB 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)