

Micro LED Light Cable

Ultra bright LED chips encased in a durable PVC flexible extrusion.



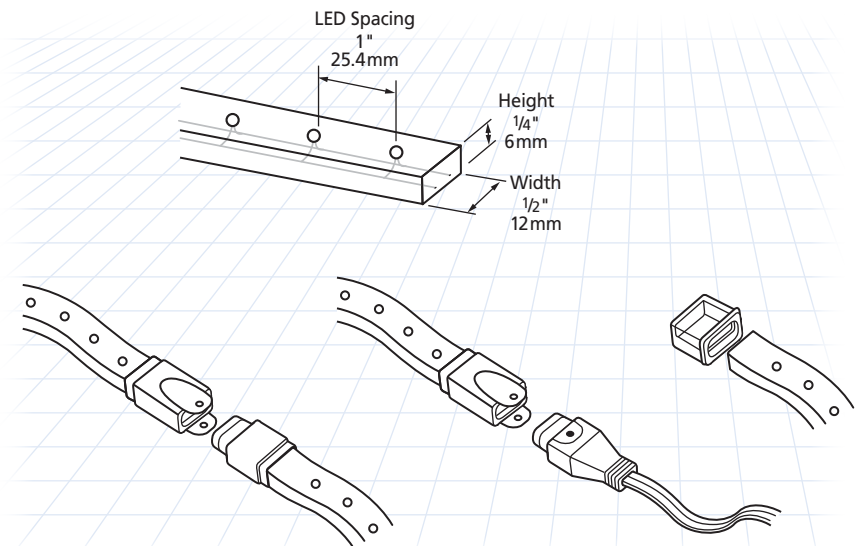
NOW DIMMABLE!



Micro LED Light Cable (MLS) is an indoor / outdoor flexible light strip that is an economical alternative to neon. Made with ultra bright LED chips encased in a durable PVC flexible extrusion, MLS provides a clean neon look at a fraction of the price and 1/10th the energy consumption. Micro LED is CSA approved and is **fully field cuttable** making it very simple to install. A variety of mounting accessories and power supplies further enhance ease of installation. Safe 24 Volt operation and low energy consumption make MLS a very practical product.

Features

- ✓ 50,000 hour life
- ✓ Safe low voltage (24V)
- ✓ Virtually maintenance free
- ✓ Ultra low power consumption
- ✓ Field cuttable
- ✓ Inter-connectable
- ✓ Highly flexible (min. bend radius 1.5")
- ✓ Weather proof
- ✓ Indoor/outdoor use
- ✓ Impact resistant
- ✓ Six brilliant colours
- ✓ Now dimmable on the primary power supply side with our new Dimmable LED Drivers!
- ✓ 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

Micro LED Light Cable

NEW!

Specifications

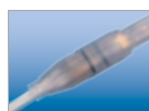
Dimensions	1/4" X 1/2" (6mm X 12mm)
PVC body colour	Clear
LED spacing	1" (25.4mm) Note custom spacing available upon request
Colours	Amber, Red, Blue, Pure Green, White, Warm White
Voltage	24 volt

	AM / RED	BL / PG / WH / WW
Cutting Lengths	10" (254mm)	6" (152.4mm)
Power Consumption	0.72 watts/ft	1.2 watts/ft
Maximum length	45.72 m (150')	45.72 m (150')

Colour Specifications

Colour		Product Code
Amber	590 nm	MLS-AM-1-24
Red	630 nm	MLS-RD-1-24
Blue	465 nm	MLS-BL-1-24
Pure Green	525 nm	MLS-PG-1-24
White	7500 K	MLS-WH-1-24
Warm White	4000 K	MLS-WW-1-24-4000K

Accessories



MLS-BFMS-15
Power Connector, with SJTW-2
1.5 ft wires
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-BFXN
X Type Connector,
1/4" X 1/2" (6mm x 12mm)



MLS-BFLN
L Type Connector,
1/4" X 1/2" (6mm x 12mm)



MLS-SFHN
Cutting End Cap,
0.25" X 0.5" (6mm x 12mm)



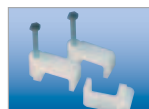
MLS-BFTD
T Type Connector,
1/4" X 1/2" (6 x 12mm), male
connector in bottom



MLS-EFSN
Elbow Extension
Connector, male
and female in-line connector



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)



NN-C10-POLY
For outdoor use
NN-C10-8
For indoor use
Polycarbonate 1/2" U channel track



MLS-SMPN
Tie Wrap and Mounting Saddle

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 15' G, B, WH, WW, Max 25' R, A
Min 8' G, B, WH, WW, Min 13' R, A
5.03" x 2.14" x 2.00" (127.76 x 54.36 x 50.80mm)

MLDR-40-24-DM

Max 30' G, B, WH, WW, Max 50' R, A
Min 16' G, B, WH, WW, Min 26' R, A
5.03" x 2.14" x 2.00" (127.76 x 54.36 x 50.80mm)



MLDR-60-24-DM

Max 45' G, B, WH, WW, Max 75' R, A
Min 25' G, B, WH, WW, Min 41' R, A
6.06" x 2.59" x 2.20" (153.92 x 65.79 x 55.88mm)

MLDR-100-24-DM

Max 75' G, B, WH, WW, Max 125' R, A
Min 41' G, B, WH, WW, Min 69' R, A
6.06" x 2.59" x 2.20" (153.92 x 65.79 x 55.88mm)

MLDR-150-24-DM

Max 112' G, B, WH, WW, Max 150' R, A
Min 62' G, B, WH, WW, Min 104' R, A
6.06" x 2.59" x 2.20" (153.92 x 65.79 x 55.88mm)

Non Dimmable Drivers



MLDR-20-24JB

Indoor driver
20W hardware
Max 13' G, B, WH, WW
Max 22' R, A
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

Outdoor driver
120W hardware
Max 75' G, B, Wh, WW per single
secondary tap, max total 100'
combined two secondary taps
Max 125' R, A per single
secondary tap, max total 150'
combined two 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)

Product Codes

MLS - XX - 1 - 24

Micro LED Light Cable

Colour of LED

AM - Amber

BL - Blue

PG - Pure Green

RD - Red

WH - White

WW - Warm White 4000 K