

Micro LED Light Cable

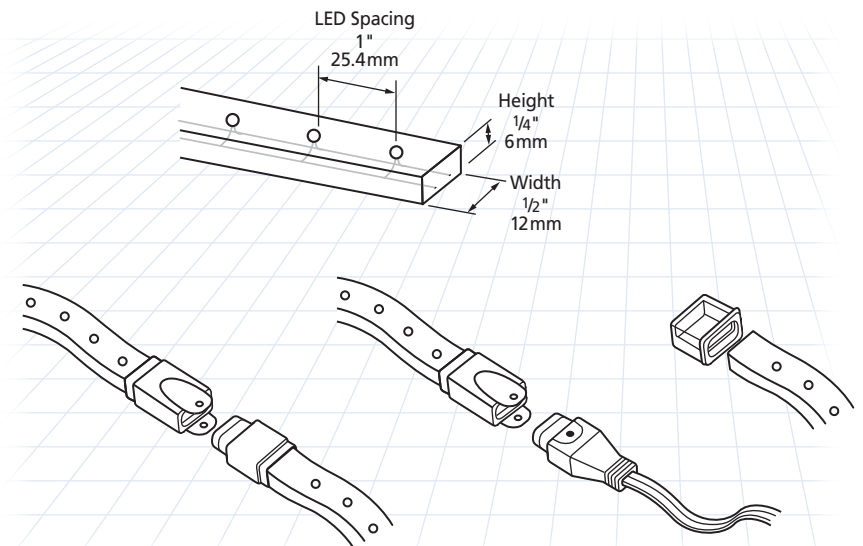
Ultra bright LED chips encased in a durable PVC flexible extrusion.



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



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

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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

Colour Specifications

Amber	590 nm
Red	630 nm
Blue	465 nm
Pure Green	525 nm
White	7500 K
Warm White	4000 K

	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')

Power Supplies

Cat. No.	Input	Output	Dimensions	Capacity
MLDR-120-24	100 – 240V AC	24V DC, 120W	10" x 3 3/8" x 3 3/16" (47.6mm x 85.7mm x 80.9mm)	Powers up to 80' G, B, W, W or 130' R, A
MLDR-20-24JB	100 – 240V AC	24V DC, 20W	4 1/8" x 4 1/8" x 1 1/2" (254mm x 104.8mm x 38.1mm)	Powers up to 13' G, B, W, WW or 22' R, A

Transformers

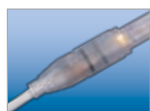
Cat. No.	Input	Output	Dimensions (H x W x D)	Type	Capacity
MLTR/100-24	120V AC	24V, 100W	2 3/4" x 3 1/4" x 5 1/2" (69.9mm x 82.6mm x 139.7mm)	Magnetic	Powers up to 67' G, B, W, WW or 111' R, A
MLTR-CX250-24	120V AC	24V, 250W	8 1/16" x 4 3/16" x 3 3/8" (206.4mm x 106.4mm x 85.7mm)	Magnetic	Powers up to 160' G, B, W, WW or 260' R, A
MLTR-CX300	120V AC	24V, 300W	7" x 3 13/32" x 3 7/32" (177.8mm x 86.4mm x 81.3mm)	Magnetic	Powers up to 160' G, B, W, WW or 260' R, A

Note: maximum single run of 150'

Rectifiers (for use with transformers)

Cat. No.	LED Colour	Current	Dimensions
MLS-CRPS-60-15	amber/red	8 Amps	3 3/4" x 3 1/4" x 2 1/4" (95.3mm x 82.6mm x 57.2mm)
MLS-CRPS-60-15C	blue/pure green/white/warm white	8 Amps	3 3/4" x 3 1/4" x 2 1/4" (95.3mm x 82.6mm x 57.2mm)
MLS-CRPS-15-25	amber/red	2.5 Amps	2" x 1 1/2" x 1" (50.8mm x 38.1mm x 25.4mm)
MLS-CRPS-15-25C	blue/pure green/white/warm white	2.5 Amps	2" x 1 1/2" x 1" (50.8mm x 38.1mm x 25.4mm)

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-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



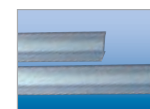
MLS-BFXN
X Type Connector,
1/4" X 1/2"
(6mm x 12mm)



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



MLS-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-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