

LED Tape and Rope

By NookSchoenfeld

There are few better ways to sparkle up a tradeshow booth or stage design than through the use of some rows of brightly colored LEDs. Each year new improved models of LED products appear. There are more than 600 manufacturers of LED tape alone in the world. We contacted reputable dealers to see what they had to offer. Some brands offer individual control of each pixel, while others are controlled "On Board" style where a whole strip of LEDs always maintains the same color. Certain models allow the user to calibrate their brightness so new fixtures match existing tape inventory one already owns. Certain types are acceptable to inclement weather while others demand interior use only. Blizzard just came up with a UV version. LED rope light and bendable forms resembling neon are now available and worth checking in to.



For more product listings, go to p1sn.me/ledtapeandrope

Acclaim Flex Pro Exterior

Type of Fixture: LED circuit strip
Segment Lengths: 16.4 ft.
LED Wattage: 5.5W per ft.
Pixel Pitch: N/A
Protocol Compatibility: DMX
Programming: Board
Color Mixing: Yes
Dimmable: Yes
Flexible: Yes
Pixel Matching Calibration: No
Able to Cut to Size: Yes
IP Rating: IP68
Lamp Life: 30,000 hrs.
Lens Options: N/A
Retail Price: \$400

Notes: Available in 2700K, 3000K and 4000K

www.acclaimlighting.com

Blizzard Komply Series

Type of Fixture: LED tape
Segment Lengths: 5m reels
LED Wattage: 5050SMD LEDs
Pixel Pitch: Various
Protocol Compatibility: DMX
Programming: Board
Color Mixing: Yes
Dimmable: Yes
Flexible: Yes
Pixel Matching Calibration: No
Able to Cut to Size: Yes
IP Rating: IP65
Lamp Life: 50,000 hrs.
Lens Options: N/A
Retail Price: \$149.99

Notes: The company offers both 30 LEDs per meter and 60 LEDs per meter and single color as well as RGB. Also available: UV LED tape.

www.blizzardlighting.com

Elation Flex RGB WP

Type of Fixture: LED tape
Segment Lengths: 10 ft.
LED Wattage: 26 Watts for 10 ft. roll
Pixel Pitch: 16.6 mm
Protocol Compatibility: DMX, wireless controller
Programming: Board
Color Mixing: Yes
Dimmable: Yes
Flexible: Yes
Pixel Matching Calibration: Yes
Able to Cut to Size: Yes
IP Rating: Waterproof sleeve
Lamp Life: 30,000 hrs.
Lens Options: N/A

Retail Price: \$179.95
Notes: Available in RGB and white color versions.

www.elationlighting.com

Enttec 8PL-144

Type of Fixture: LED pixel tape
Segment Lengths: 1m or 2m
LED Wattage: 27W per meter
Pixel Pitch: 144 per meter
Protocol Compatibility: DMX when paired with Enttec's driver or Art-Net/sACN with Pixelator
Programming: Individual pixel
Color Mixing: Yes
Dimmable: Yes
Flexible: Yes
Pixel Matching Calibration: No
Able to Cut to Size: Yes
IP Rating: IP60
Lamp Life: 50,000 hrs.

Lens Options: N/A
Retail Price: \$145 per meter
Notes: Using ENTTEC Pixie Driver or Pixelator, tape can be grouped or controlled as a single RGB zone, thereby reducing DMX footprint when desired. Tape can be cut between each individual pixel. Can splice more tape on. Up to 340 pixels can be run in a daisy chain.

www.enttec.com

FlexAray Precious Series (Opal & Pearl)

Type of Fixture: LED tape
Segment Lengths: Pearl: 98.4mm
 Opal: 101.6mm
LED Wattage: Opal 2.8W, Pearl 3.4W
Pixel Pitch: 36 LEDs per foot
Protocol Compatibility: DMX
Programming: Board
Color Mixing: Yes
Dimmable: Yes
Flexible: Yes
Pixel Matching Calibration: Yes
Able to Cut to Size: Yes
IP Rating: IP 20, 67
Lamp Life: 50,000 hrs.

Lens Options: Mounting trac & lenses available
Retail Price: Call for quote
Notes: FlexAray Precious Series is made by OenergyLIGHTING (Oenergylighting.com) and distributed by Bulbtronics.

www.flexaray.com

G-LEC Solaris+

Type of Fixture: LED video spheres
Segment Lengths: 1, 2 and 8 spheres (up to 38 inches)
LED Wattage: 0.5 W RGB
Pixel Pitch: 4.7 inches
Protocol Compatibility: DVI
Programming: Individual pixel
Color Mixing: Yes
Dimmable: Yes
Flexible: Yes
Pixel Matching Calibration: No
Able to Cut to Size: No
IP Rating: IP32
Lamp Life: 10,000 hrs.
Lens Options: N/A

Retail Price: Varies by system size
Notes: Cable-based video curtain offering free form of design. Flexible for 2D and 3D configurations.

www.g-lec.com

GLP Scenex Pixel LED Tape

Type of Fixture: LED tape
Segment Lengths: Half DMX/full universe dependant on pixel pitch
LED Wattage: .025 W RGB
Pixel Pitch: 7mm / 14mm / 16.5mm / 33.3mm
Protocol Compatibility: DMX, ArtNet
Programming: Individual pixel
Color Mixing: Yes
Dimmable: Yes
Flexible: Yes
Pixel Matching Calibration: No
Able to Cut to Size: Yes
IP Rating: IP65
Lamp Life: 10,000 hrs.

Lens Options: N/A
Retail Price: From \$105
Notes: Inherent silicone coating for protection and flexibility. Mounts with 3M adhesive backing or with U-adaptors.

www.germanlightproducts.com

Martin VC-Strip Family

Type of Fixture: LED strip
Segment Lengths: Customizable
LED Wattage: 17W per meter
Pixel Pitch: 15/25/30/60mm
Protocol Compatibility: DMX & Martin P3
Programming: Individual pixel
Color Mixing: Yes
Dimmable: Yes
Flexible: No
Pixel Matching Calibration: Yes
Able to Cut to Size: Yes
IP Rating: IP20
Lamp Life: 50,000 hrs.
Lens Options: 20° Narrow
Retail Price: \$230 per meter

Notes: Covers entire family of Martin VC-Strips. VC-Strip, VC-Strip 15, VC-Strip 30 and VC-Strip 60. Products are located under "LED Video" on the website.

www.martin.com

Techni-Lux DL-DMX Ribbon/C

Type of Fixture: LED tape
Segment Lengths: 10 inches
LED Wattage: SMD5050 0.38W
Pixel Pitch: 32 (1.25" pitch)
Protocol Compatibility: DMX
Programming: Individual pixel
Color Mixing: Yes
Dimmable: Yes
Flexible: Yes
Pixel Matching Calibration: No
Able to Cut to Size: Yes
IP Rating: IP65
Lamp Life: 25,000 hrs.
Lens Options: 120°
Retail Price: \$215 (2.5 meter reel)

Notes: Individual control of every two LEDs as pixel using direct DMX control. 3 channel RGB per pixel. No data converters necessary, just DMX and 12v DC.

www.techni-lux.com

TMB FloppyFlex

Type of Fixture: LED neon
Segment Lengths: 16.7 mil.
LED Wattage: 12W per meter
Pixel Pitch: 1.79 cm
Protocol Compatibility: DMX
Programming: Board
Color Mixing: Yes
Dimmable: Yes
Flexible: Yes
Pixel Matching Calibration: No
Able to Cut to Size: Yes
IP Rating: IP68
Lamp Life: 50,000 hrs.
Lens Options: N/A
Retail Price: On request

Notes: Firefly FloppyFlex LED Neon is designed for easy installation and long life. Simply bend and cut for any indoor and outdoor applications. Available in standard colors and 2100K Golden White, 2700K Warm White, RGB.

www.tmb.com

LiteGear LiteRibbon Pro Series

Type of Fixture: LED ribbon light
Segment Lengths: 25 mm to 5,000 mm
LED Wattage: 0.16W to 96W
Pixel Pitch: 8mm - 120/meter
Protocol Compatibility: Manual or DMX
Programming: Board
Color Mixing: Yes
Dimmable: Yes
Flexible: Yes
Pixel Matching Calibration: No
Able to Cut to Size: Yes
IP Rating: IP20
Lamp Life: 20,000 hrs.
Lens Options: N/A
Retail Price: \$29.99 to \$339.99

Notes: With just three simple components, the new VHO Pro LED LiteRibbon, designed for cinema and TV production, is intended to serve as an extremely simple color correct lighting product.

www.litegear.com

Mega-Lite Deco Color Ribbon

Type of Fixture: LED tape
Segment Lengths: 16.4 in.
LED Wattage: 0.25W each
Pixel Pitch: 60 per meter
Protocol Compatibility: DMX
Programming: Board
Color Mixing: Yes
Dimmable: Yes
Flexible: Yes
Pixel Matching Calibration: No
Able to Cut to Size: Yes
IP Rating: IP68
Lamp Life: 30,000 hrs.
Lens Options: N/A
Retail Price: \$223

www.mega-lite.com

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