LED ROPE LIGHT BULK REELS
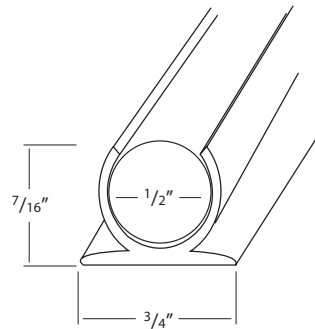
Multiple voltages, diameters and color options

LED ROPE LIGHT

Reels in 12V, 24V and 120V are economical and versatile. Use for energy efficient accent light, outlines, railings, steps, coves, patios, gazebos, wine cellars, retail displays and more.

FEATURES

- Cost effective lighting for a variety of applications
- Vibrant, long lasting colors that grab attention
- Produces virtually no heat for maximum safety
- Bulk reels can be field cut for maximum project flexibility (ULRL-LED UL listing becomes void if rope is cut)
- Bulk reels include five conkits (one is pre-attached) and 50 mounting clips (no accessories included with chasing rope)
- Sold in 150 foot reels only

$7/16"$ — $1/2"$ — $3/4"$

REELS

120V

			Color Key
		150	**AM** = Amber
LED-MRL (3/8" diameter)	**AM, RE, YE** (60" cut)	150 foot reel	**BL** = Blue
ULRL-LED (1/2" diameter)	**BL, GR, WH, WW** (36" cut)		**GR** = Green
			RE = Red
		150	**WH** = White
LED-DL (1/2" diameter)	**AM, RE, YE** (72" cut)	150 foot reel	**WW** = Warm White
	BL, GR, WH, WW (43" cut)		**YE** = Yellow

120V Chasing (2-Channel)

		150
LED-DLCH (1/2" diameter)	**AM, RE, YE** (120" cut)	150 foot reel
	BL, GR, WH, WW (72" cut)	

12V and 24V

			150
RL-LED (1/2" diameter)	**WH, UWW**	**12V** (3" cut)	150 foot reel
		24V (6" cut)	

In any outdoor installation, all conductors must be coated with dielectric grease, and properly sealed with silicone and shrink tube.

For chasing controllers, please visit www.americanlighting.com.

BILL OF MATERIALS

☐ Order reel(s) in desired color(s)

☐ Order additional RL-LED-CONKIT-1.6AMP conkits as needed (five are included with each reel)

☐ Review other power accessories such as splice connectors, jumpers or 'T's and order as needed

☐ Order mounting track for straight runs (recommended); 50 clips included with each reel

ACCESSORIES

Accessories work for all voltages unless otherwise noted. Part numbers that begin with MRL or MDL = 3/8" diameter, part numbers that begin with DL or RL = 1/2" diameter.

MRL-LED-CONKIT-1.6AMP
RL-LED-CONKIT-1.6AMP
120V non-UL power connector kit with five foot cord, power connector and end cap; 1.6A inverter on cord Two prong polarized plug

RL-LED-CONKIT-4A-NP
12V or 24V non-UL power connector kit with five foot cord, power connector and end cap; 4A inverter on cord, no plug

MRL-LED-SPLICE, RL-SPLICE
Non-UL splice connector, includes power pin connector

MRL-EXTKIT2
RL-EXTKIT2, RL-EXTKIT15
Two foot (MRL- and RL-EXTKIT2) or fifteen foot (MRL- or RL-EXTKIT15) jumper for connecting two sections of rope together, includes two power connectors, white cord

MRL-LED-INVSPL, RL-INVSPL
Invisible splice connector, use with DL-ST (sold separately

MDL-END, DL-END
Clear plastic end cap

MDL-CLIP/SCREW, DL-CLIP/SCREW
Clear "U" shaped mounting clip that securely holds rope light in place, includes mounting screw

MRL-LED-PWR, RL-PWR
Non-UL power connector

ALTR, LED-DR, LED-TR and TR Series*
Various 12V or 24V power supplies (see pages 50, 51 and 55 for dimensions)

MDL-TRACK-4, DL-TRACK-4
Four foot clear mounting track with UV rating for outdoors; recommended for use with straight line installations

Additional 3/8" accessories include MRL-LED-PCEX9, MRL-LED-PCY and MRL-LED-T. Shrink tube is sold by the foot (DL-ST and MDL-ST).

TECHNICAL SPECIFICATIONS

Voltage	12V, 24V and 120V, 60Hz AC operation (1.6A inverter on cord converts AC power to DC for LEDs)
Construction	UV resistant clear PVC housing with LEDs spaced every 1", horizontal mount for LED-DLCH and LED-MRL; vertical mount for ULRL-LED. LED-DL has 1.2" between LEDs, horizontal mount
Mounting	Clear plastic mounting clips or track
Bulk reel	150 feet
Dimensions	LED-MRL = 3/8" diameter; ULRL-LED, LED-DLCH, RL-LED, LED-DL = 1/2" diameter
Light Output	WH = 6.3 lumens per foot, WW = 5.5 lumens per foot (except LED-DL-WH-150 = 5.2 lumens per foot and LED-DL-WW-150 = 4.6 lumens per foot)
Wattage	BL, CW, GR and UWW = 0.77 watt per foot; AM, RE and YE = 0.47 watt per foot
Maximum run	150 feet for 120V; 60 feet for 24V; 30 feet for 12V
Cuttability	As noted on facing page
LED specs	60,000 hour rated life for Whites, 100,000 hour rated life for all other colors; 2V, 15-20mA for Red and Yellow; 3V, 15-20mA for all other colors
Dimmers	Switched wall outlets cannot be used with wall dimmers per the NEC.
	*Minimum loads apply for ALTR, LED-TR and TRE series power supplies; and for most wall dimmers. Dimmable with most CFL/LED and low voltage electronic dimmers.
Packaging	White box

12 24   120

AC   AC

P/H

H