

The RL Series LED rope light from specialtyLED is an economical solution to introduce creativity into virtually any environment. The round, flexible, clear, UV resistant PVC housing allows both indoor and outdoor installation, and is designed for flexibility and versatility. The LEDs are situated vertically within the housing, allowing the light output to be emitted horizontally in a 360° viewing pattern.

# Features

- LEDs in vibrant colors, such as red, orange, yellow, blue, green and white
- Viewing angle 360°
- Rated for outdoor use
- Energy efficient LEDs use less than 1W/ft
- Available in 12VDC or 120VAC
- · Sold in 150' rolls with 5 install kits included
- Field cut to customize installation based on cutting increments
- •UV resistant clear PVC housing maximizes product performance
- · Cool to the touch for maximized safety
- •1 year warranty

#### **Technical Specifications**

- •2 wire, single color, round linear rope light
- Voltage: 12VDC or 120VAC
- Frequency: 50-60Hz
- •Weight: 1 roll = 22 lbs
- Class II
- IP rating: IP44
- Dimensions: 0.512" diameter
- Operating distance: 120V = 150', 12V = 30'
- · Meets standards of UL requirements for flexible lighting products

#### Product Specifications

- ·LED specs:
  - 50,000 hour rated life
  - •18 LEDs per foot
- Construction: Flexible, shatterproof, cool to the touch, UV resistant, translucent round PVC jacket
- Roll length: 150' includes five (5) line cords (one attached at factory), five (5) end caps and fifty (50) mounting clips
- Mounting: Clear plastic mounting clips with pre-drilled screw holes for secure installation (hardware not provided)
- Operating temperature: -20°C to 60°C (-4°F to 140°F)

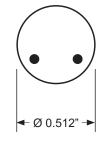
#### Warranty

Any component that fails due to a manufacturing defect is guaranteed for one year. The warranty does not cover physical damage, abuse or instances of uncontrollable natural forces. See the full specialtyLED warranty document for detailed information. (Terms and conditions apply)

Model:	Date:
Accessories:	
Job Name:	Туре:









# **RL Series**

LED Rope Light

### Ordering Information Example: RL-WW-150-120V-R

Series	Color	Length <sup>2</sup>	Voltage	Rope Style	
RL	WW <sup>1</sup> = Warm White (3500K)	150 <sup>3</sup> = 150 Feet	12V <sup>4</sup> = 12 Volt DC (Std)	R = Round	
	WP <sup>1</sup> = Pure White (5000K)		120V <sup>5</sup> = 120 Volt AC		
	R = Red				
	G = Green B = Blue		Notes <sup>1</sup> Color temperatures can vary ±5%		
	Y = Yellow		<sup>2</sup> For custom lengths consult factory - 12V only		
	E = Orange		<sup>3</sup> Includes 5 line cords & end caps & 50 mounting clips		
			<sup>4</sup> Requires transformer, order separately		
			<sup>5</sup> Only sold in 150" rolls		

# **Technical Information**

	12VDC			120VAC				
Color	Rated Power (W/ft)	Lumens (Im/ft)	Cutting Increment	ССТ	Rated Power (W/ft)	Lumens (Im/ft)	Cutting Increment	ССТ
Warm White	0.96	34	3"	3500K	0.84	34	36"	3500K
Pure White	0.96	34	3"	5000K	0.84	34	36"	5000K
Red	0.48	34	6"	-	0.48	34	60"	-
Green	0.96	34	3"	-	0.84	34	36"	-
Blue	0.96	34	3"	-	0.84	34	36"	-
Yellow	0.48	34	6"	-	0.48	34	60"	-
Orange	0.48	34	6"	-	0.48	34	60"	-

# 12VDC Non-Dimming Transformer Ordering Information (Order As Separate Line Item)

#### Example: XFMR-12-60

Description	Dimensions (AxBxC)
12 Volt, 20 Watt, Class 2 Power Supply	4.65" x 1.37" x 1.0"
12 Volt, 35 Watt, Class 2 Power Supply	5.8" x 1.57" x 1.18"
12 Volt, 60 Watt, Class 2 Power Supply	6.39" x 1.67" x 1.25"
12 Volt, 150 Watt, Class 2 Power Supply	8.74" x 2.67" x 1.52"
	12 Volt, 20 Watt, Class 2 Power Supply 12 Volt, 35 Watt, Class 2 Power Supply 12 Volt, 60 Watt, Class 2 Power Supply

Note: All transformers are to be installed per NEC requirements. Wire leads on the 24 volt product are 18 gauge. Transformer is to be mounted within 10 feet of product. If transformer is mounted more than 10 feet from product, voltage drop and maximum operating distances should be taken into account when making transformer selection.





#### Accessories (Order As Separate Line Item)

Part Number	Image	Description
RL-LC-1.6A		5' Line Cord with 120V male plug and AC/DC converter
RL-LC-12V		5' Line Cord for use with 12V transformers (order separately)
RL-EC		End Cap
RL-SC		Splice Connector

Part Number	Image	Description
RL-MC		Mounting Clip
RL-LCH		4' Linear Mounting Channel

# **Typical Accessories For 12VDC Installation**

- RL LED Rope Light (RL-R-150-12V-R)
- 5' Line Cord (RL-LC-12V)
- RL-SC (SPLICE CONNECTOR)
- Transformer (XFMR-12-20)
- End Cap (RL-EC)
- Linear Mounting Channel (RL-LCH) or Mounting Clips (RL-MC)

# Typical Accessories For 120VAC Installation

- RL LED Rope Light (RL-WP-150-120V-R) 5' line cord (RL-LC-1.6A)
- RL-SC Splice Connector
- End Cap (RL-EC)
- Mounting Clips (RL-MC) or Linear Mounting Channel (RI-LCH)