

# Luna™ Diffused Flexible LED Light



## Features

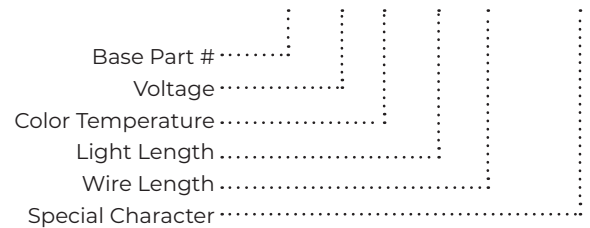
- Neon lighting-like illumination gives off a soft and appealing output, great for applications where spot-free illumination is required.
- Clear silicone option available for areas where high light output is needed
- Standard IP66 rated for damp and wet locations, IP67 available upon request
- RGB(W) provides endless possibilities and color control

## Product Details

Housing Material	Diffused Silicone
Voltage	24V DC
Wattage	4.4W/Ft
Current	0.2A/Ft
Lumens	360LM/Ft @ 3000K RGBW: 145LM/Ft
Color Temp.	3130K ± 30K, 3480K ± 60K, 4200 ± 30K & RGBW
Wire Gauge	18AWG
IP Rating	IP66 or IP67
UV Stable	Yes
Operating Temp.	-4 °F to +140 °F
CRI	80+

## Specification Guide

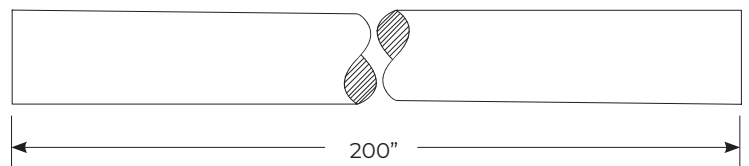
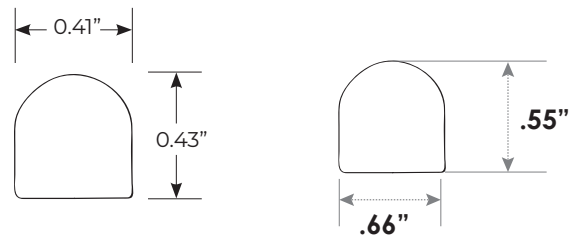
### Sample Part #: RNLL2430-20012-10-6



Base Part #	Voltage	Color Temp.	Light Length	Wire Length	Special Character
RNLL	24 - 24V	27 - 2700K 30 - 3000K 35 - 3500K 41 - 4100K 63 - 6300K BL - Blue RD - Red RW - RGBW	200 - 200" 197 - 197" (RGBW)	12 - 12"	10-6 - Single Color 10-31 - Rear Exit* 17 - 17mm RGBW

\* Available only in single color

**Note:** Light cannot be field cut, contact sales for information on custom lengths



## Mounting Specification



White Plastic



Black Plastic



Aluminum

### Single Color Channel

RNLL-1-72	Aluminum Straight Mount Track Without Tape
RNLL-1T-72	Aluminum Straight Mount Track With Tape
RNLL-2-72-CL	Aluminum 45° Mount Track Without Tape
RNLL-2T-72	Aluminum 45° Mount Track With Tape
RBLL-2	Black Plastic Straight Mount Track Without Tape
RBLL-1	Black Plastic Straight Mount Track With Tape
RBLL-5	White Plastic Straight Mount Track Without Tape
RBLL-4	White Plastic Straight Mount Track With Tape

### RGBW Channel

RNLL17-3S	Aluminum Screw Mount
RNLL17-7T	Aluminum Adhesive Mount
RNLL17-8T	Clear Plastic Adhesive Mount

## Power Supply Specification

- \* For more information on power supplies, please review the power supply literature sheet.
- \* All power supplies are hardwire, please contact your sales representative for plug-in options available.
- \* Note, power supplies over 100W are listed, but are not class 2. The UL listing for the tape light is based on using a class 2 power supply.
- +Only use Magnitude approved dimmers, a 50% load is required if not being used with a dimmer.

Part #	690010.035	270-00267	690010.063	690010.097
Power Supply Type	Electronic	Electronic	Electronic	Electronic
Wattage	60W	100W	320W	600W
Housing	Aluminum	Aluminum	Aluminum	Aluminum
AC Input	100 - 277V AC	120 - 277V AC	115 - 277V AC	115 - 277V AC
DC Output	24V DC, 2.5A	24V DC, 4.1A	24V DC, 13.3 Amps	24V DC, 24A
Input Current	0.6A @120V AC	0.93A @120V AC	0.75A @277V AC	7A @115V AC
Class 2	Yes	Yes	No	No



Part #	690010.130	690010.129	690010.096+
Power Supply Type	Magnetic (MLV) Line Voltage Dimming	Magnetic (MLV) Line Voltage Dimming	Magnetic (MLV) Line Voltage Dimming
Wattage	60W	96W	300W
Housing	Aluminum	Aluminum	Aluminum
AC Input	120V AC	120V AC	120V AC
DC Output	24V DC	24V DC	24V DC, 4.3 Amps
Input Current	0.61 Amps @ 120V AC	1 Amp @120V AC	2.86 Amps @ 120V AC
Class 2	Yes	Yes	No



## Controller Specification

### WiFi Lighting Control System Controller | Part #: WiFi-104

Communication	2.4GHz Wi-Fi, 802, 11b/g/n Protocol
Input Voltage	12 - 24V DC
Max Current Load	4A x 4CH Max 16A
Max Output Power	192W @ 12V DC 384W @ 24V DC
WiFi Control Distance	320 Feet
Working Temp.	-20°C - 50°C
Dimensions	5"L x 2.9"W x 1.8"H



### Constant Voltage Zone Receiver | Part #: R4-5A CV

Wireless Frequency	2.4GHz
Input Voltage	5 - 24V DC
Max Current Load	5A x 4CH Max 20A
Max Output Power	240W @ 12V DC 480W @ 24V DC
Remote Distance	160 Feet
Working Temp.	-20°C - 50°C
Dimensions	7"L x 1.7"W x 1.2"H



### 3CH CV DMX512 Decoder | Part #: LT-840-6A

Input Signal	DMX512
Input Voltage	5-24V DC
Max Current Load	4A x 3CH / Max 12A
Max Power Output	144W @ 12V DC 288W @ 24V DC
DMX512 Socket	Standard XLR-3, Green Terminal
Dimming Range	0 ~ 100%
Working Temp	-30°F - 65°C
Dimensions	5.3"L x 2.8"W x 2"H

