

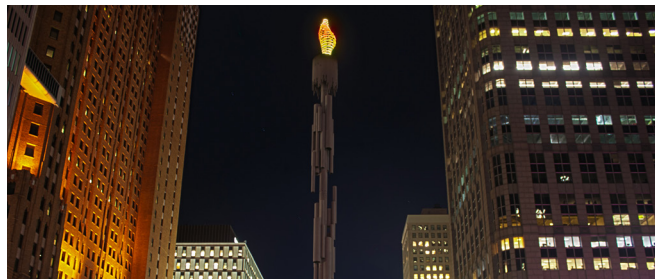
**NEONLYTE**

Like neon, but better! Bendable, flexible, waterproof, and available in static white, static color, and color changing options. Designed to brave the elements, this IP67 product is UV resistant and built to be used in façade lighting and lettering.

- Flexible silicone LED tube creates vivid colors and bold statements
- FLEX Channel bends in any direction
- Linear channel mounts in aluminum channel
- 14 Color Options
- Waterproof and UV resistant
- Patent Pending
- Assembled in USA

**Applications:**

Commercial	Hospitality	Residential
Entertainment	Museums	Retail / Signage
Healthcare	Public Spaces	



**ORDERING GUIDE**

Category	CRI	Ribbon Type & IP Rating	Wattage & Color	
<b>NL</b>				
NL - NeonLyte	0 - Static Color, Color Changing 90 - 90+ CRI Static White	SWCL67 - Static White Classic IP67 SCCL67 - Static Color Classic IP67 RGB67 - RGB IP67 RGBWA67 - RGBW/A IP67 VW67 - Variable White IP67	3.024 - 3.0 W/ft 2400K 3.027 - 3.0 W/ft 2700K 3.030 - 3.0 W/ft 3000K 3.035 - 3.0 W/ft 3500K 3.0425 - 3.0 W/ft 4250K 3.0R - 3.0 W/ft Red 3.0G - 3.0 W/ft Green 3.0B - 3.0 W/ft Blue	3.0A - 3.0 W/ft Amber 3.0V - 3.0 W/ft Violet (Classic only) 4.4RGB - 4.4 W/ft RGB 5.5RGB30 - 5.5 W/ft RGB+3000K 5.5RGB40 - 5.5 W/ft RGB+4000K 5.5RGB60 - 5.5 W/ft RGB+6000K 5.5RGBA - 5.5 W/ft RGB+Amber 3.0VW - 3.0 W/ft Variable White

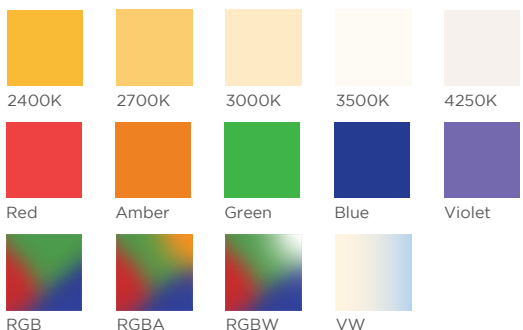
**Mounting**

1. Aluminum Channel
2. Silicone Flex Channel

**Power Feed**

1. Side Feed
2. End Feed
3. Bottom Feed

**AVAILABLE COLOR TEMPERATURES**



POWER FEED OPTIONS / SPECIFICATIONS / USAGE GUIDELINES

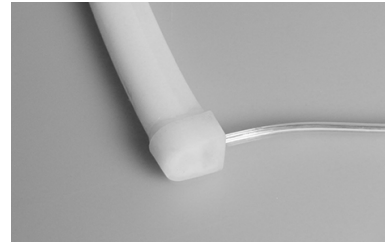
POWER FEED OPTIONS



Side Feed - Power From Side



End Feed - Power From End



Bottom Feed - Power From Bottom

SPECIFICATIONS

NEONLYTE



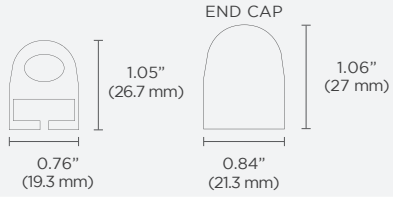
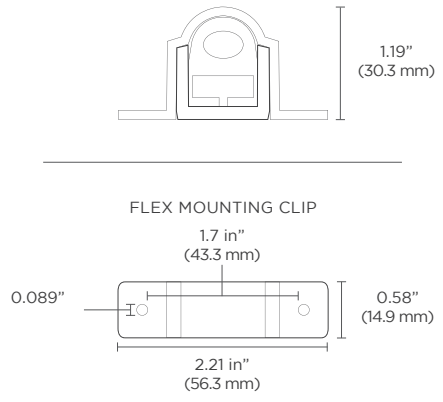
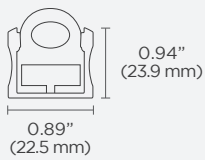
Operating Voltage	24 V
Power Consumption	Static White, Static Color, Variable White: 3.0 W/ft (9.8 W/m) RGB: 4.4 W/ft (14.4 W/m) RGBW/RGBA: 5.5 W/ft (18.0 W/m)
Protection Rating	IP67
Dimming	ELV / MLV / 0-10 Volt / DMX / Lutron Hi-Lume 1% dimming LED drivers
Operating Temperature	-40 F to 158 F (-40 C to 70 C)
Color Temperatures / Colors	2400K, 2700K, 3000K, 3500K, 4250K Red, Amber, Green, Blue, Violet RGB+3000K, RGB+4000K, RGB+6000K Variable White
Lamp Life	50,000 Hours
Length	Static White, Static Color: Up to 32 ft 9.7 in (10 m) 1.97 in (50 mm) increments RGB: Up to 20 ft (6 m) in 3.94 in (100 mm) increments RGBW: Up to 20 ft (6 m) in 3.94 in (100 mm) increments Variable White: Up to 32 ft 9.7 in (10 m) in 3.94 in (100 mm) increments
UV Resistant	UV tested in accordance with ISO 4892-3 with no visible change on the appearance of the sample
Minimum Bend Diameter	12 in (304.8 mm) Not Field Cuttable
CRI (white)	90+ for all Color Temperatures
Lumens	-110 lm/ft (361 lm/m) (White versions)

USAGE GUIDELINES

- When installing this product take into account the surface temperature of the material this product is mounted to. Many building surfaces which are exposed to direct sunlight exceed the 70° C/158° F maximum that our product is rated for. High risk locations like this should be avoided.
- This IP67 product is not intended to be submerged in pools and fountains and does not carry UL 676 certification to do so. Available for download at: [www.GENLEDBrands.com/Home/Acolyte](http://www.GENLEDBrands.com/Home/Acolyte)
- Compatible with a wide variety of control products including the entire line of Lutron dimming systems.
- For use with GENLED Acolyte<sup>®</sup> drivers, triac dimming modules, and 0-10 modules.
- Use with non-GENLED Acolyte<sup>®</sup> triac, MLV or ELV drivers is not supported or warrantied
- Due to the cuttable points inside, NeonLyte cuttable lengths are generally longer or shorter than the customer requested length. Unless specified, NeonLyte is factory cut at the shorter cuttable point
- NeonLyte can be used in wet, outdoor locations around swimming pools and spa tubs, but not submerged in swimming pools and spa tubs.
- We reserve the right to make changes to product lineup, specifications, design and finishes at any time without notice.

GENLED Acolyte<sup>®</sup> does not warrant or represent that the information is free from errors or omission. The information may change without notice and GENLED Acolyte<sup>®</sup> is not in any way liable for the accuracy of any information printed and stored or in any way interpreted or used.

DIMENSIONS / DIAGRAMS

DIMENSIONS		NEONLYTE
		
<b>FLEX CHANNEL</b>		
IP67	Width (mounted in channel)	0.89 in (22.5 mm)
	Length	Varies (see dimensions on pg. 2)
	Height (mounted in channel)	0.94 in (23.9 mm)
		
<b>ALUMINUM CHANNEL</b>		
IP67	Width (mounted in channel)	0.89 in (22.5 mm)
	Length	Varies (see dimensions on pg. 2)
	Height (mounted in channel)	0.94 in (23.9 mm)
<b>DIAGRAMS</b>		<b>NEONLYTE</b>
TUBE		<p><b>TUBE OUTER HEIGHT:</b> 1.05 in / 26.7 mm  <b>TUBE OUTER WIDTH:</b> 0.76 in / 19.3 mm  <b>END CAP HEIGHT:</b> 1.06 in / 27 mm  <b>END CAP WIDTH:</b> 0.84 in / 21.3 mm</p>
		<p><b>FLEX MOUNTING CLIP OVERALL HEIGHT:</b> 1.19 in / 30.3 mm  <b>FLEX MOUNTING CLIP THICKNESS:</b> 0.09 in / 2.5 mm  <b>FLEX MOUNTING CLIP LENGTH:</b> 2.21 in / 56.3 mm  <b>FLEX MOUNTING CLIP WIDTH:</b> 0.58 in / 14.9 mm  <b>FLEX MOUNTING CLIP DISTANCE BETWEEN SCREW TAPS:</b> 1.70 in / 43.3 mm  <b>FLEX MOUNTING CLIP SCREW TAP DIAMETER:</b> 0.089 in / 2.26 mm</p>
ALUMINUM		<p><b>ALUMINUM CHANNEL HEIGHT:</b> 0.94 in / 23.9 mm  <b>ALUMINUM CHANNEL WIDTH:</b> 0.89 in / 22.5 mm</p>

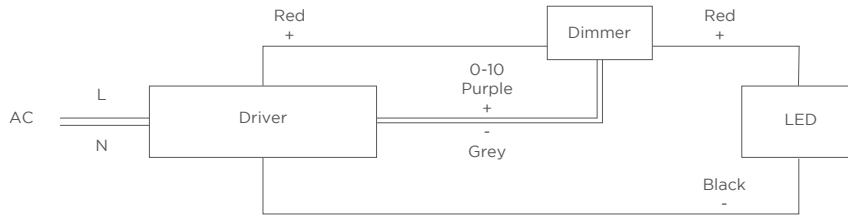
DISCLAIMER

When installing this product take into account the surface temperature of the material this product is mounted to. Many building surfaces which are exposed to direct sunlight exceed the 70° C/158° F maximum that our product is rated for. High risk locations like this should be avoided.

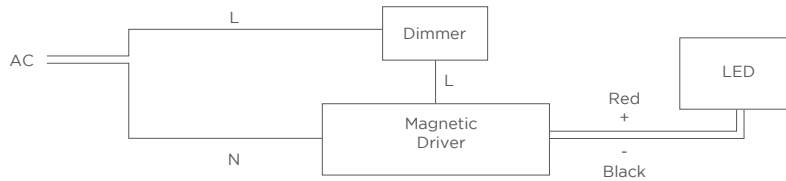
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**WIRING DIAGRAMS**

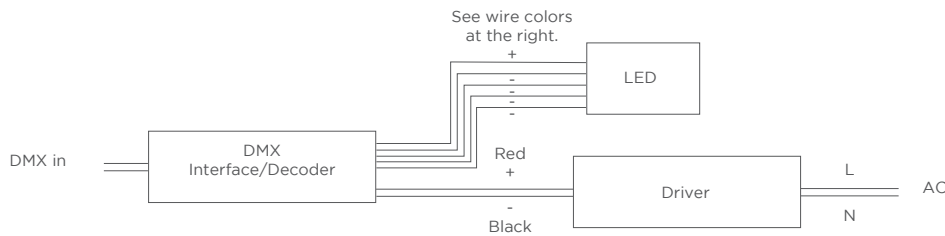
**0-10V**



**MAGNETIC + ELV**



**DMX**



**WIRE COLORS PER RIBBONLYTE COLOR**

STATIC WHITE +  
STATIC COLOR  
Red Wire (+) Positive  
Black Wire (-) Negative

RGB  
Black Wire (+) Positive  
Red Wire (-) Goes To Red Channel  
Green Wire (-) Goes To Green Channel  
Blue Wire (-) Goes To Blue Channel

RGBW/A  
Black (+) Positive  
Red Wire (-) goes to Red Channel  
Green Wire (-) goes to Green Channel  
Blue Wire (-) goes to Blue Channel  
White Wire (-) goes to White Channel

VARIABLE WHITE  
Black (+) Positive  
Red Wire (-) goes to Warm White Channel  
Green Wire (-) goes to Cool White Channel