

NEON APEX MINI

The Neon Apex Mini is a top-bending silicone 24V LED neon fixture with a small profile. This slender, square-faced LED neon measures just 0.39x0.41 in. (10x10.5 mm). Choose from six stunning Static White CCTs (2200K-4000K) or five Static Colors. Create brilliant, diode-free neon lines that curve above or below arches and decorative columns.

- Top-bending LED neon
- Static White (2200K, 2400K, 2700K, 3000K, 3500K, 4000K)
- Static Colors (Red, Amber, Green, Blue, Yellow)
- 2.4 W/ft (8 W/m)
- 16 ft 4.85 in. (5 m) max. run length (single feed)
- Min. top-bending radius: 1.18 in. (30 mm)
- IP67



ORDERING GUIDE

Category	Wattage & Color		Power Feed Direction
NLAM			
NLAM - Neon Apex Mini	2.422 - 2.4 W/ft (8 W/m) 2200K 2.424 - 2.4 W/ft (8 W/m) 2400K 2.427 - 2.4 W/ft (8 W/m) 2700K 2.430 - 2.4 W/ft (8 W/m) 3000K 2.435 - 2.4 W/ft (8 W/m) 3500K 2.440 - 2.4 W/ft (8 W/m) 4000K	2.4R - 2.4 W/ft (8 W/m) Red 2.4A - 2.4 W/ft (8 W/m) Amber 2.4G - 2.4 W/ft (8 W/m) Green 2.4B - 2.4 W/ft (8 W/m) Blue 2.4Y - 2.4 W/ft (8 W/m) Yellow	E - End Feed B - Bottom Feed S - Side Feed

MOUNTING OPTIONS

Mounting Clips

Recommended for curved applications
with 6 in. (150 mm) center-to-center spacing
(Part #: NLAMCLIP)

Mounting Channels

Recommended for all straight run applications
Sold by the foot, up to 39.37 in. / 1000 mm
(Part #: NLAMCHANNEL)

S-type Track

Recommended for curved applications
Sold by the foot, up to 39.37 in. / 1000 mm
(Part #: NLAMCHANNELS)

AVAILABLE COLOR TEMPERATURES & COLORS



SPECIFICATIONS

SPECIFICATIONS		NEON APEX MINI									
Operating Voltage	24 VDC										
Power Consumption	2.4 W/ft (8 W/m)										
Protection Rating	IP67										
Beam Angle	114°										
LED Pitch	36 LEDs/ft (120 LEDs/m)										
Color Temperatures	2200K	2400K	2700K	3000K	3500K	4000K	Red	Amber	Green	Blue	Yellow
Lumens	185.7 lm/ft (609.3 lm/m)	190.7 lm/ft (625.7 lm/m)	160.8 lm/ft (527.5 lm/m)	200.5 lm/ft (657.8 lm/m)	213.3 lm/ft (699.9 lm/m)	172 lm/ft (564.3 lm/m)	56.7 lm/ft (186 lm/m)	61 lm/ft (200 lm/m)	193.6 lm/ft (635 lm/m)	35.4 lm/ft (116 lm/m)	40.2 lm/ft (132 lm/m)
Efficacy	72 lm/W	74 lm/W	73 lm/W	78 lm/W	83 lm/W	78 lm/W	24 lm/W	28 lm/W	70 lm/W	15 lm/W	18 lm/W
Dimming	ELV / MLV / 0-10 Volt / DMX										
Operating Temperature	-4 — 140 °F (-20 — 60 °C)										
Storage Temperature	-4 — 158 °F (-20 — 70 °C)										
Lifetime (L70 reported)	50,000 hours										
Max Length	16 ft 4.85 in. (5 m)										
Incremental Length	1.97 in. (50 mm) NOT FIELD CUTTABLE										
Power Cable Length	Standard: 12 in (304.8 mm) / Custom: up to 20 ft (6 m)										
UV Resistant	UV tested in accordance with ISO 4892-3 with no visible change on the appearance of the sample										
Minimum Bend Radius	1.18 in. (30 mm)										
CRI (white)	90+ CRI										
Warranty	5 years										

WARNINGS

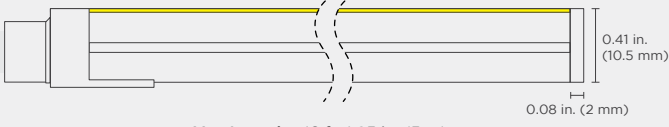
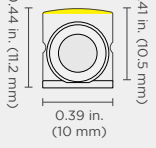
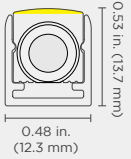
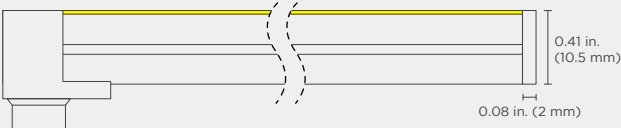
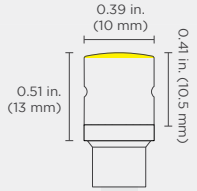
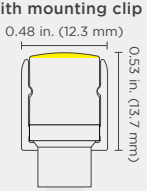
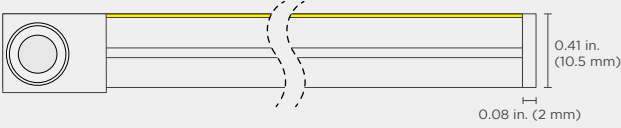
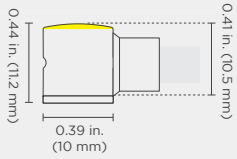
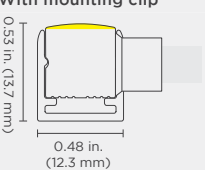
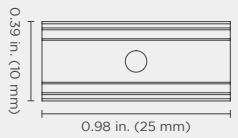
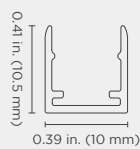
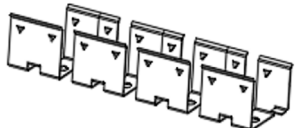
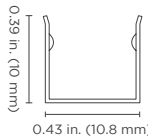


USAGE GUIDELINES

- Neon Apex Mini cannot be cut in the field. All custom cuts and connections for these models must be performed at the factory to ensure waterproofing standards are met. Any modification of the waterproofing will result in a void warranty.
- When installing this product, consider the surface temperature of the material where it will be mounted. Many building surfaces which are exposed to direct sunlight exceed the 140 °F (60 °C) maximum for which this product is rated. High-risk locations like this should be avoided.
- This product can be used in wet, outdoor locations, but is not intended to be submerged in pools and fountains and does not carry UL 676 certification for submersion.
- Compatible with a wide variety of controls.
- For use with Acolyte drivers, Triac dimming modules, and 0-10 V modules.
- Use with non-Acolyte Triac, MLV or ELV drivers is not supported or warrantied.
- Due to the cuttable points inside, this product's cuttable lengths are generally longer or shorter than the customer requested length. Unless specified, this product is factory cut at the shorter cuttable point.

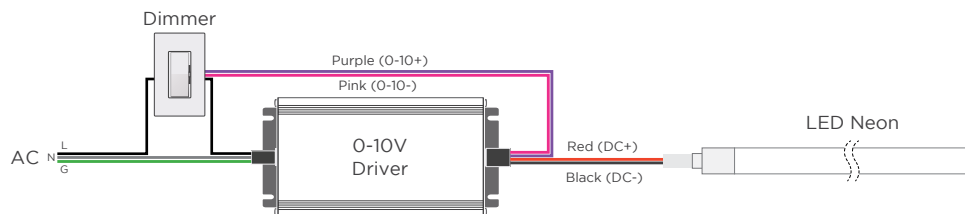
Acolyte does not warrant or represent that this information is free from errors or omission. We reserve the right to make changes to our product lineup, specifications, design and finishes at any time without notice. Acolyte is not in any way liable for the accuracy of any information printed and stored or in any way interpreted or used.

DIMENSIONS / DIAGRAMS

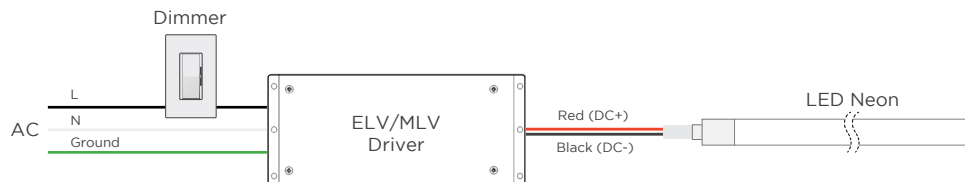
END FEED		
Side View	End View	
 Max Lengths: 16 ft 4.85 in. (5 m)	With mounting clip  	
Width: 0.39 in. (10 mm) Height: 0.41 in. (10.5 mm) Height w/o power feed end cap: 0.44 in. (11.2 mm) Assembled Height with mounting clip: 0.53 in. (13.7 mm)		
BOTTOM FEED		
Side View	End View	
 Max Lengths: 16 ft 4.85 in. (5 m)	 With mounting clip 	
Width: 0.39 in. (10 mm) Height: 0.41 in. (10.5 mm) Height w/o power feed end cap: 0.44 in. (11.2 mm) Assembled Height with mounting clip: 0.53 in. (13.7 mm)		
SIDE FEED		
Side View	End View	
 Max Lengths: 16 ft 4.85 in. (5 m)	 With mounting clip 	
Width: 0.39 in. (10 mm) Height: 0.41 in. (10.5 mm) Height w/o power feed end cap: 0.44 in. (11.2 mm) Assembled Height with mounting clip: 0.53 in. (13.7 mm)		
MOUNTING CLIP		
Side View	End View	
	Part #: NLAMCLIP Width: 0.39 in. (10 mm) Height: 0.41 in. (10.5 mm) Length: 0.98 in. (25 mm)	
MOUNTING CHANNEL Recommended for all straight run applications. Sold by the foot, up to 39.37 in. / 1 m (same width & height as mounting clip) (Part #: NLAMCHANNEL)		
S-TYPE TRACK		
		Recommended for curved applications. Sold by the foot, up to 39.37 in. / 1 m (Part #: NLAMCHANNELS)

WIRING DIAGRAMS

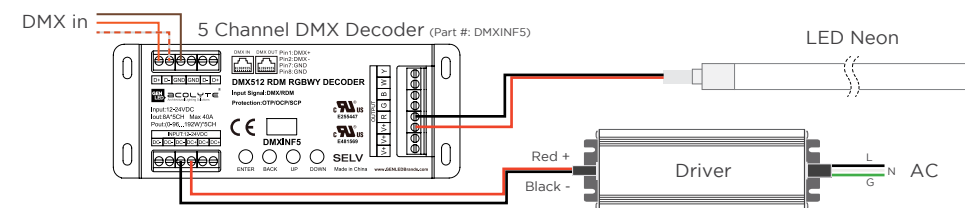
0-10V



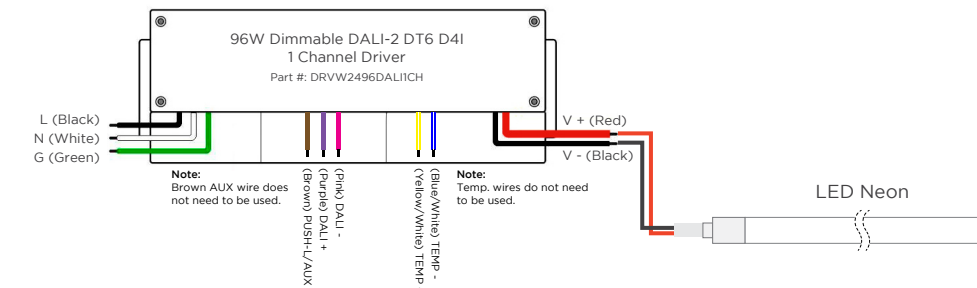
MLV / ELV



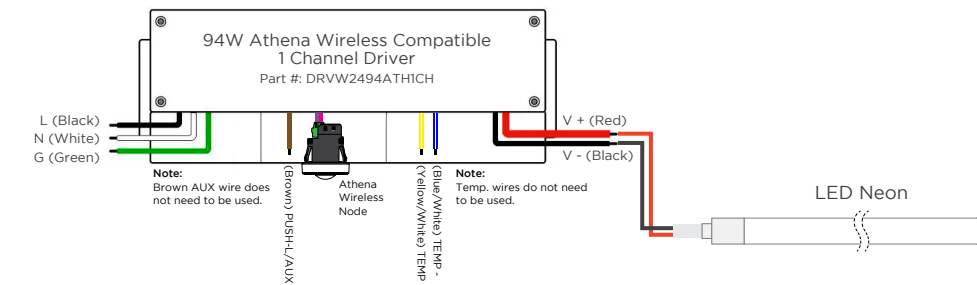
DMX



DALI-2



WIRING WITH ATHENA WIRELESS COMPATIBLE DRIVER



WIRE COLORS

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

REV.03OCT2025

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