

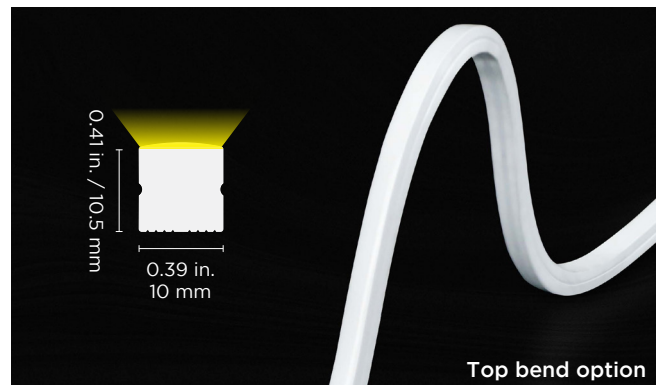
NEON APEX MINI

The Neon Apex Mini is a silicone 24V LED neon fixture with a small, square-faced profile. Choose from side- or top-bending Static White options (2200K-6000K) or Static Colors. This slender LED neon measures just 0.39 x 0.41 in. (10 x 10.5 mm). Create brilliant, diode-free fine neon lines for coves, decorative architectural details or curves above and below arches and around columns.

- Choose side- or top-bending profile (this is NOT a dual-bending fixture)
- 2.4 W/ft (8 W/m)
- Static White (2200K, 2400K, 2700K, 3000K, 3500K, 4000K)
- Static Colors (Red, Amber, Green, Blue, Yellow)
- 16 ft 4.85 in. (5 m) max. run length (single feed)
32 ft 9.7 in. (10 m) max. run length (double feed)
- Min. bending radius: 1.18 in. (30 mm)
- Incremental lengths: 1.97 in. (50 mm)
- IP67

IMPORTANT

The maximum operating temperature for this product is **140 °F (60 °C)**. In high-heat environments (like building façades) where the temperature of the mounting surface could reach or exceed this threshold, we strongly recommend using the standoff mounting accessories listed on this spec sheet.



RoHS

IP67



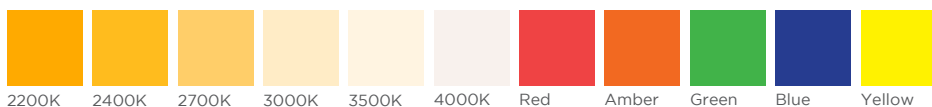
ORDERING GUIDE FOR SIDE BEND MODELS

Category	Wattage & Color		Power Feed Direction	POWER FEED OPTIONS
NLAMS				
NLAMS - Neon Apex Mini (side bend)	2.422 - 2.4 W/ft (8 W/m) 2200K	2.4R - 2.4 W/ft (8 W/m) Red	E - End Feed	
	2.424 - 2.4 W/ft (8 W/m) 2400K	2.4A - 2.4 W/ft (8 W/m) Amber	B - Bottom Feed	
	2.427 - 2.4 W/ft (8 W/m) 2700K	2.4G - 2.4 W/ft (8 W/m) Green	LS - Left Side Feed*	
	2.430 - 2.4 W/ft (8 W/m) 3000K	2.4B - 2.4 W/ft (8 W/m) Blue	RS - Right Side Feed	
	2.435 - 2.4 W/ft (8 W/m) 3500K	2.4Y - 2.4 W/ft (8 W/m) Yellow	* Recommended	
	2.440 - 2.4 W/ft (8 W/m) 4000K			

ORDERING GUIDE FOR TOP BEND MODELS

Category	Wattage & Color		Power Feed Direction	MOUNTING OPTIONS (FOR ALL MODELS)
NLAMT				
NLAMT - Neon Apex Mini (top bend)	2.422 - 2.4 W/ft (8 W/m) 2200K	2.4R - 2.4 W/ft (8 W/m) Red	E - End Feed	Mounting Clips Recommended for curved applications with 6 in. (150 mm) center-to-center spacing (Part #: NLAMCLIP)
	2.424 - 2.4 W/ft (8 W/m) 2400K	2.4A - 2.4 W/ft (8 W/m) Amber	B - Bottom Feed	
	2.427 - 2.4 W/ft (8 W/m) 2700K	2.4G - 2.4 W/ft (8 W/m) Green	S - Side Feed	Mounting Channels Recommended for all straight run applications Sold by the foot, up to 39.37 in. / 1000 mm (Part #: NLAMCHANNEL)
	2.430 - 2.4 W/ft (8 W/m) 3000K	2.4B - 2.4 W/ft (8 W/m) Blue		
	2.435 - 2.4 W/ft (8 W/m) 3500K	2.4Y - 2.4 W/ft (8 W/m) Yellow		S-type Track Recommended for curved applications Sold by the foot, up to 39.37 in. / 1000 mm (Part #: NLAMCHANNELS)
	2.440 - 2.4 W/ft (8 W/m) 4000K			

AVAILABLE COLOR TEMPERATURES & COLORS



Standoff
Recommended for all exterior applications (Part #: LB-FRN-STDOFF)

SPECIFICATIONS

SPECIFICATIONS		NEON APEX MINI										
Operating Voltage	24 VDC											
Power Consumption	2.4 W/ft (8 W/m)											
Protection Rating	IP67											
Beam Angle	113°											
LED Pitch	36 LEDs/ft (120 LEDs/m)											
Dimming	ELV / MLV / 0-10 Volt / DMX											
Operating Temp.	-4 — 140 °F (-20 — 60 °C)											
Storage Temp.	-4 — 158 °F (-20 — 70 °C)											
Lifetime (L70 reported)	50,000 hours											
Max Length	Single feed: 16 ft 4.85 in. (5 m) Double feed: 32 ft 9.7 in. (10 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											
	Side Bend											
CCTs & Colors	2200K	2400K	2700K	3000K	3500K	4000K	Red	Amber	Green	Blue	Yellow	
Lumens	138.99 lm/ft (456 lm/m)	145.96 lm/ft (478 lm/m)	146.91 lm/ft (482 lm/m)	146.3 lm/ft (480 lm/m)	120.09 lm/ft (394 lm/m)	158.5 lm/ft (520 lm/m)	34.14 lm/ft (112 lm/m)	39.01 lm/ft (128 lm/m)	134.11 lm/ft (440 lm/m)	17.07 lm/ft (56 lm/m)	21.95 lm/ft (72 lm/m)	
Efficacy	58.46 lm/W	62.89 lm/W	61.79 lm/W	61.54 lm/W	54.72 lm/W	66.67 lm/W	14 lm/W	16 lm/W	55 lm/W	7 lm/W	9 lm/W	
	Top Bend											
CCTs & Colors	2200K	2400K	2700K	3000K	3500K	4000K	Red	Amber	Green	Blue	Yellow	
Lumens	185.93 lm/ft (610 lm/m)	190.8 lm/ft (626 lm/m)	160.93 lm/ft (528 lm/m)	200.56 lm/ft (658 lm/m)	213.36 lm/ft (700 lm/m)	171.91 lm/ft (564 lm/m)	58.52 lm/ft (192 lm/m)	69.82 lm/ft (224 lm/m)	163.37 lm/ft (536 lm/m)	36.58 lm/ft (120 lm/m)	44.88 lm/ft (144 lm/m)	
Efficacy	72.62 lm/W	74.52 lm/W	73.33 lm/W	72.62 lm/W	83.33 lm/W	78.33 lm/W	24 lm/W	28 lm/W	67 lm/W	15 lm/W	18 lm/W	

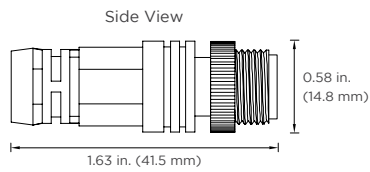
USAGE GUIDELINES

- 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.

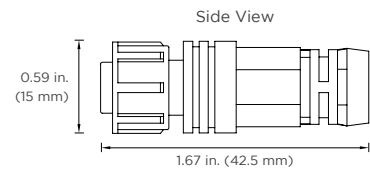
Acolyte does not warrant or represent that this information is free from errors or omission. We reserve the right to make changes to our product lineup, specifications, design and finishes at any time without notice. Acolyte is not in any way liable for the accuracy of any information printed and stored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

CONNECTORS

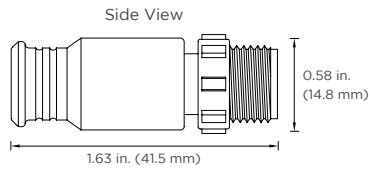
2-pin Male Connector



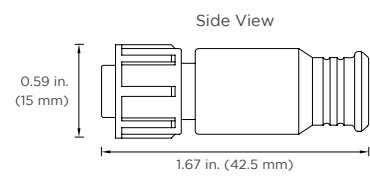
2-pin Female Connector



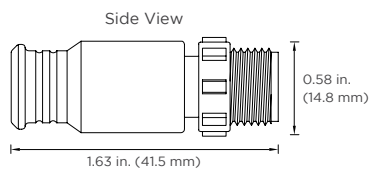
3-pin Male Connector



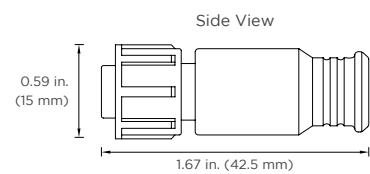
3-pin Female Connector



4-pin Male Connector



4-pin Female Connector

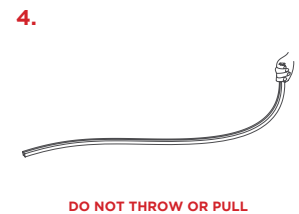
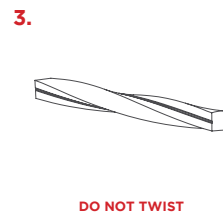


WARNINGS

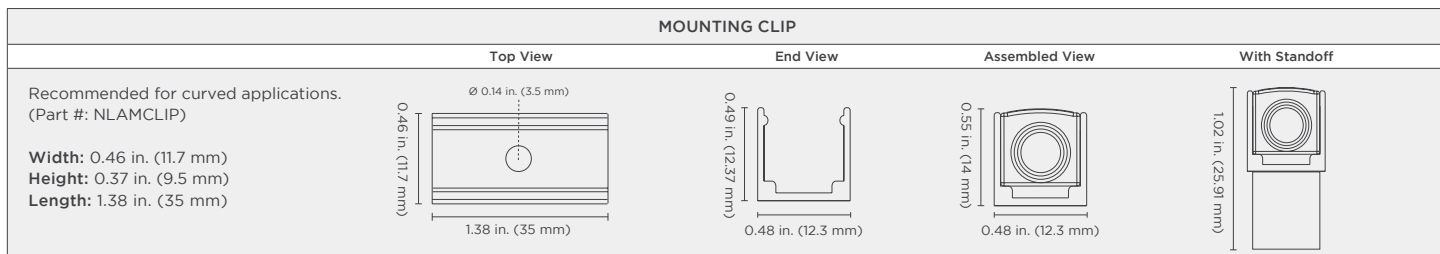
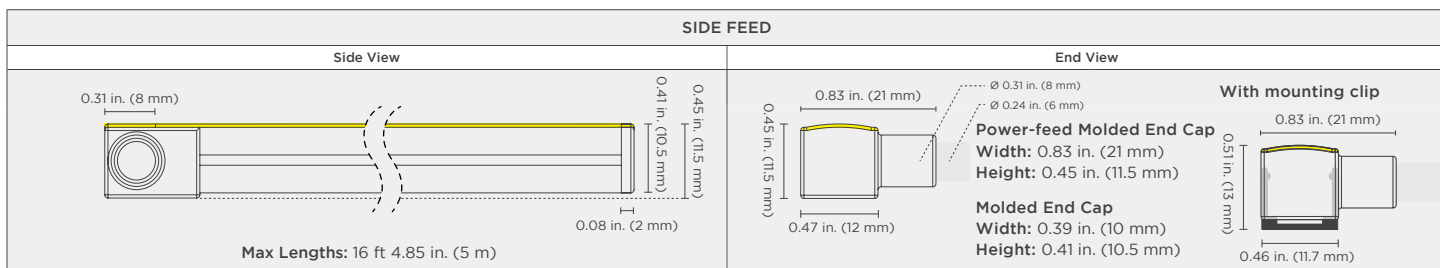
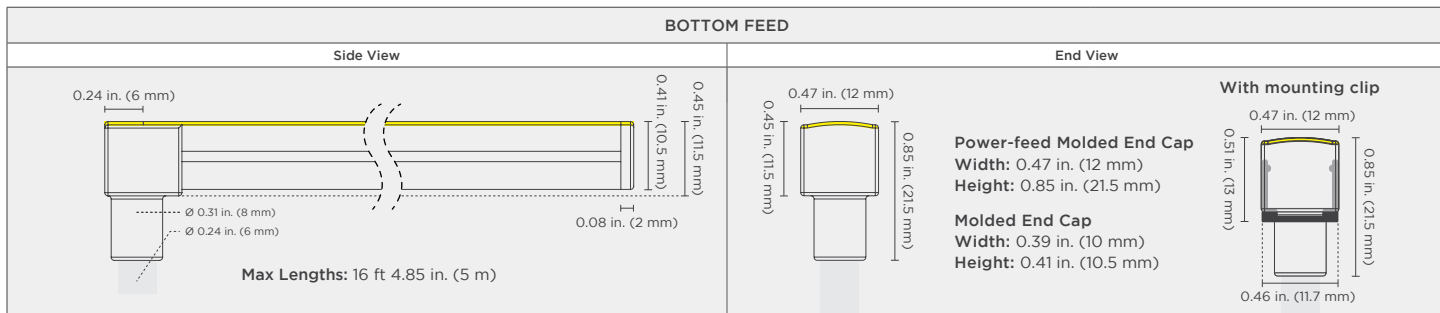
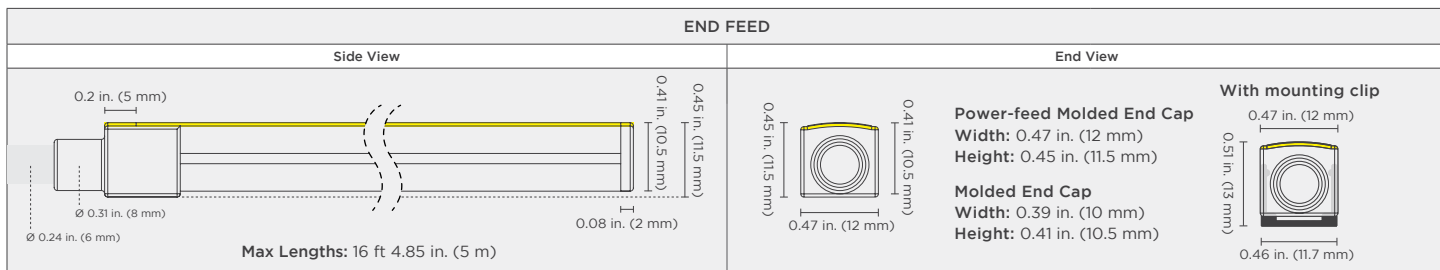
FOR SIDE BEND MODELS ONLY



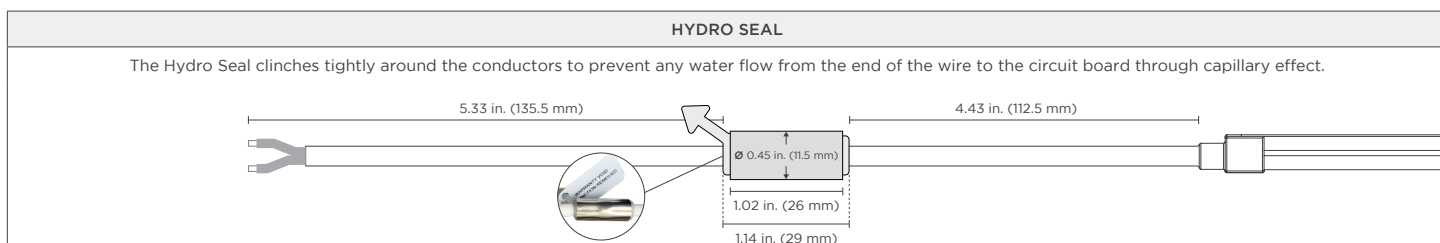
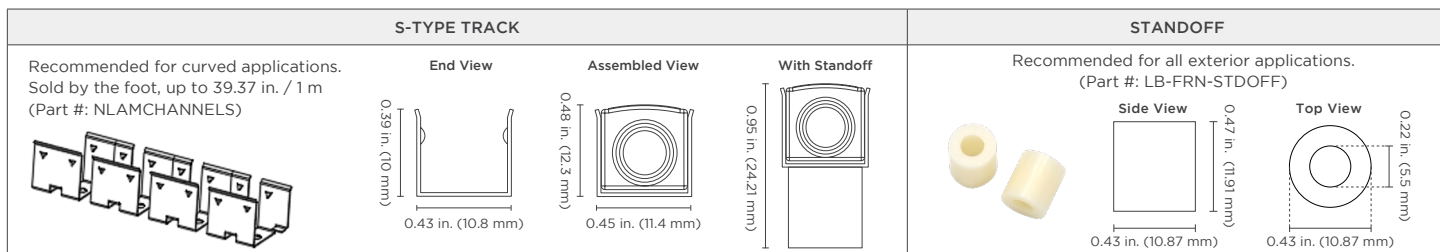
FOR TOP BEND MODELS ONLY



DIMENSIONS / DIAGRAMS

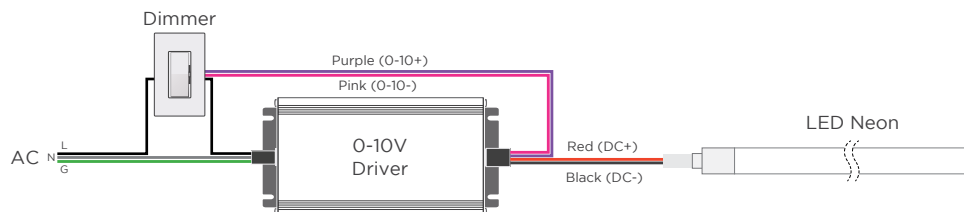


MOUNTING CHANNEL
Recommended for all straight run applications. Sold by the foot, up to 39.37 in. / 1 m (same width & height as mounting clip)
(Part #: NLAMCHANNEL)

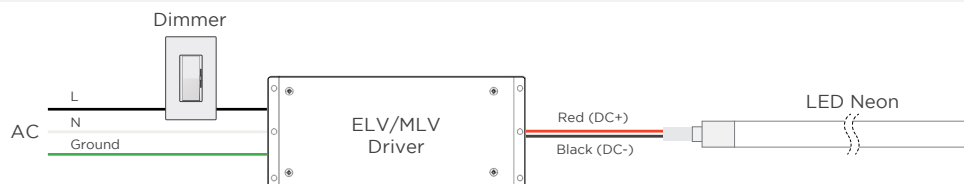


WIRING DIAGRAMS

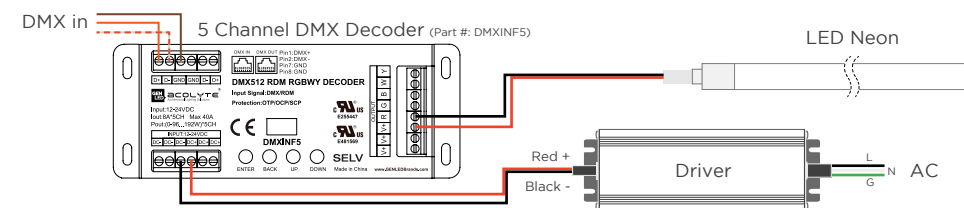
0-10V



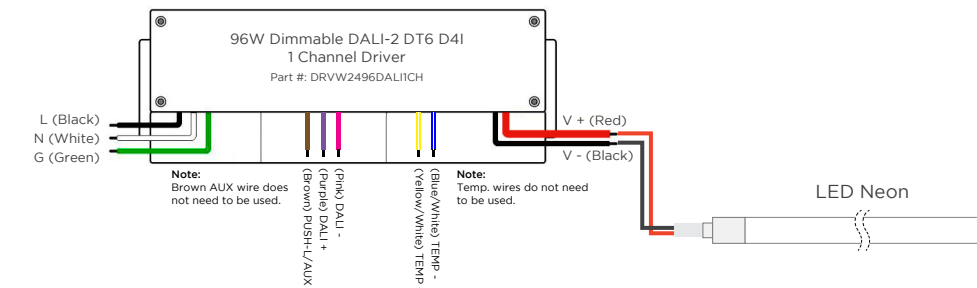
MLV / ELV



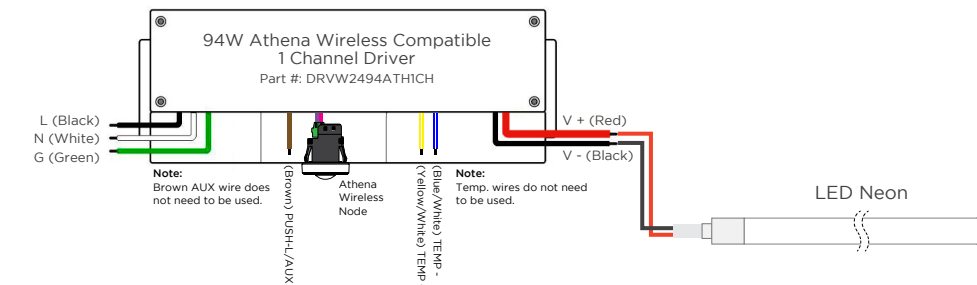
DMX



DALI-2



WIRING WITH ATHENA WIRELESS COMPATIBLE DRIVER



WIRE COLORS

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

REV.25SEP2026

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