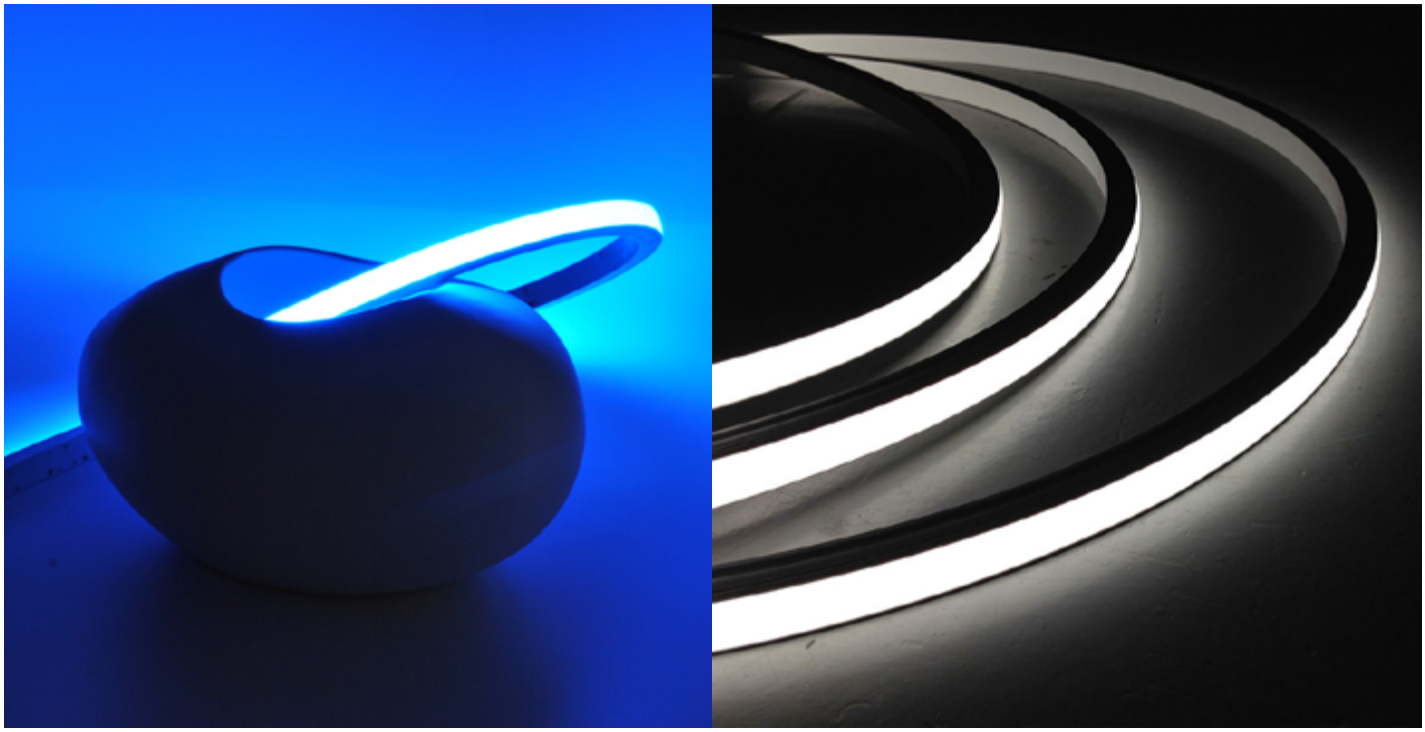
WieDaMark ///

24V LED FLEX NEON SIDEWINDER



24V LED Flex Neon Sidewinder

- Nichia SMD LED Chip
- Seamless Uniform Continuous Light
- Quick Lead Times
- Freely Configurable
- Bend Radius of 60 millimeters/ 2.59 inches
- Square and Rounded Profiles
- Three Year Manufacturer's Warranty

24V LED Flex Neon Sidewinder, the most reliable LED Neon Flex on the market, offers seamless fittings built to preserve light uniformity. Engineered for on-site configuration and assembly makes 24V LED Flex Neon Sidewinder the definite solution for architectural accents and signage. 24V LED Flex Neon Sidewinder flexibility is just one of the many outstanding features which allow designers to explore organic shapes and advanced patterns, previously not possible.

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24V LED FLEX NEON SIDEWINDER

Technical Specifications

Dimensions	**16 x 16mm / .63 x .63in**
Output	
LED Light	Nichia SMD LED Chip
Running Length	Single feed: 10 meters / 32.8 feet Double feed: 20 meters / 65.6 feet
Light Surface	Square Profile 160°
Lumen Maintenance	50,000 Hours / 5 years
Electrical	
Input Voltage	24V DC Constant Voltage
Driver	On Board Constant Current
Power Consumption	Warm Colors*: 7.2 watts per meter / 2.2 watts per foot Cool Colors*: 10.5 watts per meter / 3.4 watts per foot
LED Count	108 per meter / 32.9 per foot
Physical	
Materials	Polyvinyl Chloride (PVC)
LED Spacing	9.26 millimeter / .36 inches
Cutting Length	56 millimeters / 2.2 inches - 6 LEDs
Package Size:	697 × 807 × 48 millimeters / 27.4 × 31.8 × 1.9 inches
Package Weight:	7.4 kilograms / 16.3 pounds
Thermal Management	Cool to the Touch, Free Air Convection
Fixture Connections	Front & End Leader Cables
Bend Tolerances	
Maximum Diameter (medial bending only)	300 millimeters / 11.8 inches
Temperature Ranges	
Ambient	-30° to 45° Celsius / -22° to 113° Fahrenheit
Operating	-30° to 45° Celsius / -22° to 113° Fahrenheit
Dependability	
Warranty	3 years
Safety	
Certification	Tested to UL & CSA by Underwriters Laboratory for use in USA and Canada, complies with California Title 24 Requirements, Lighting Facts. Exceeds ANSI C78.377A, CE & RoHS Compliant.
IP Rated	IP68 Factory Order/ IP68 with Accessories

**Photometric Data available upon request.

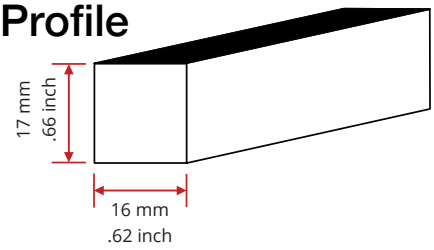
Colors Available

Color	CCT Wave Length
Red	620 - 630 Nanometer
Green	520 - 530 Nanometer
Blue	465 - 475 Nanometer
Amber	590 - 595 Nanometer
Warm White	2700K
White	3500K
Cool White	4500K
Daylight White	5700K

Lumen Count

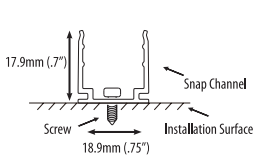
Color	Per Meter	Power/M
Red	>130lm	7.2W
Green	>300lm	12W
Blue	>50lm	12W
Amber	>130lm	7.2W
Warm White	>420lm	12W
White	>480lm	12W
Cool White	>480lm	12W
Daylight White	>480lm	12W

Profile

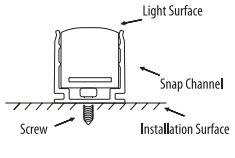


Mounting

Fixed Channel without Light



Fixed Channel with 160º Profile Light



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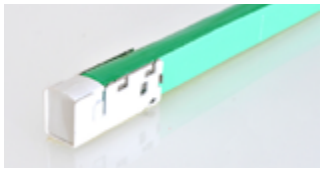
Accessories

Power Feed Coupler

Quick Assembly Power Feed.
Stainless Steel 316 with Beryllium Copper bite plate.

End Cap Coupler

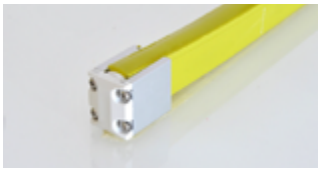


Quick Assembly Termination Cap.
Stainless Steel 316 with Beryllium Copper bite plate.

Power Feed Coupler (Screw)

Anodized Aluminum Power Feed.
Mechanical assembly for extreme applications.

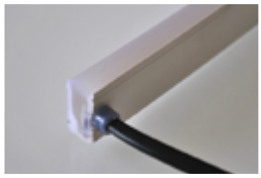
End Cap Coupler (Screw)



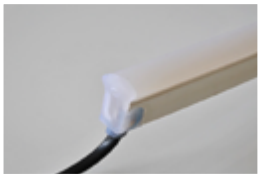
Anodized Aluminum Termination Cap.
Mechanical assembly for extreme applications.

Jumpers

Seamless Injection-molded Power Feed Side Exit



Seamless Injection-molded Power Feed Bottom Exit



Injection-molded End Cap

Optional Accessories

Seamless Coupler T-feed

Seamless Coupler

Power T-feed

Male and Female Connectors

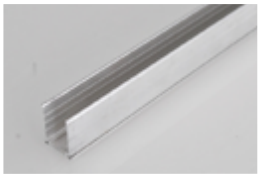
Illuminated Inside Corner

Illuminated T

Illuminated X

Installation Accessories

Snap Channel



Self-Locking Snap Channel

*Installation guide available upon request

Tool Kit

Cutter

Coupler Assembly Tool

Insert Inducer

c UL us LISTED E356699 CE RoHS COMPLIANT INDOOR USE OUTDOOR USE IP68 DMX RDM DALI LED DIMMABLE

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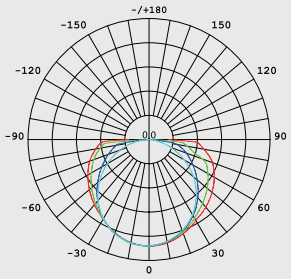
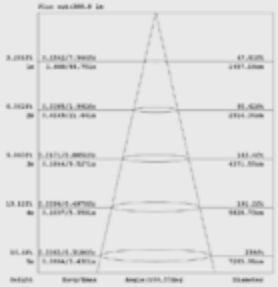
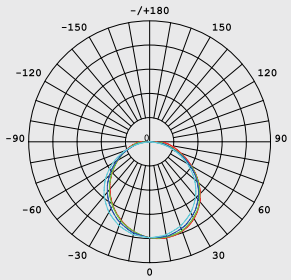
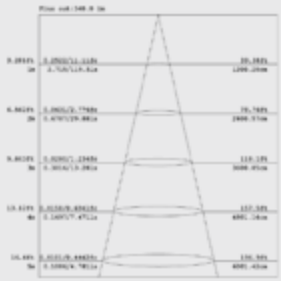
Photometric Data

270º Viewing Optic

Candle Power Distribution	Illuminance Character
	

160º Viewing Optic

Candle Power Distribution	Illuminance Character
	

*Photometric data available upon request