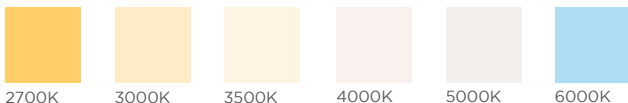


NEON APEX DUAL LOUVER

The Neon Apex Dual Louver is a unique flexible LED neon fixture that offers both top-bending and side-bending capabilities with a built-in louver that reduces glare. Use the Neon Apex Dual Louver to create stunning Static White neon effects with a fixture that curves around difficult shapes.

- Dual bend: Top- and side-bending LED neon
- Built-in honeycomb louver reduces glare (UGR < 19)
- 50° beam angle
- Sleek black housing
- 4.3 W/ft (14 W/m)
- 94 lm/ft (308 lm/m), 22 lm/W @ 4000K
- Max length: 16 ft 4.85 in. (5 m)
- Min. top bend radius: 2.36 in. (60 mm)
- Min. side bend radius: 5.5 in. (140 mm)
- Rated IP67 for dry, damp and wet locations

AVAILABLE COLOR TEMPERATURES



IMPORTANT

The maximum operating temperature for this product is **113 °F (45 °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

Category	Wattage & Color		Power Feed Direction
NLADL			
NLADL - Neon Apex Dual Louver	4.327 - 4.3 W/ft (14 W/m) 2700K	4.340 - 4.3 W/ft (14 W/m) 4000K	E - End Feed
	4.330 - 4.3 W/ft (14 W/m) 3000K	4.350 - 4.3 W/ft (14 W/m) 5000K	B - Bottom Feed
	4.335 - 4.3 W/ft (14 W/m) 3500K	4.360 - 4.3 W/ft (14 W/m) 6000K	S - Side Feed

MOUNTING OPTIONS

Clear Mounting Bracket (PC)

Recommended for **indoor only** curved applications with 6 in. (150 mm) center-to-center spacing
Part #: NLADLBRACKET

Mounting Clip (PC)

Recommended for **indoor only** curved applications with 6 in. (150 mm) center-to-center spacing
Part #: NLADLCLIP

Mounting Channel (aluminum)

Recommended for all straight run applications
Part #: NLADLCHANNEL

S-type Track (aluminum)

Recommended for curved applications
Length: 39.4 in. / 1000 mm
Part #: NLADLCHANNELS

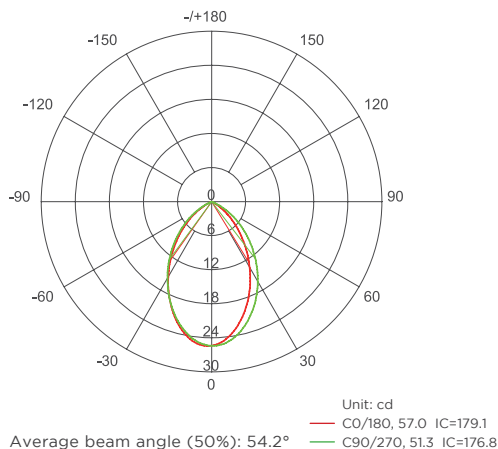
Mud-in S-type Track (aluminum)

Recommended for curved applications
Length: 39.4 in. / 1000 mm
Part #: NLADLCHANNELMS

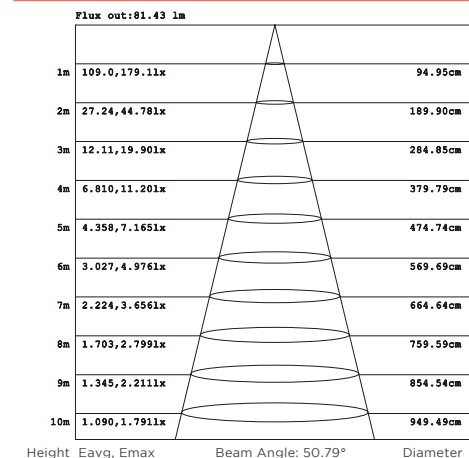
Standoff

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

LUMINOUS INTENSITY DISTRIBUTION CURVE



AVERAGE ILLUMINANCE EFFECTIVE FIGURE

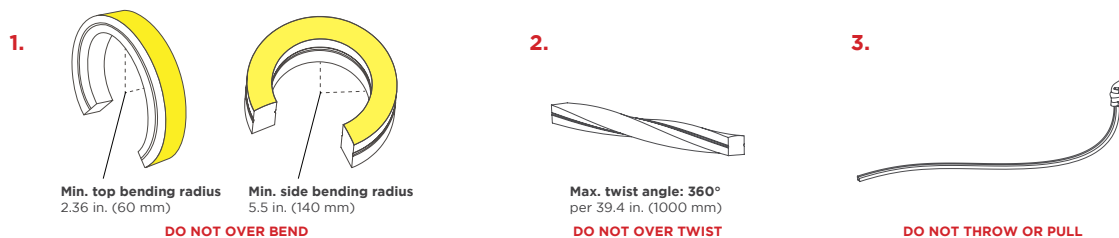


SPECIFICATIONS

SPECIFICATIONS	NEON APEX DUAL LOUVER
Operating Voltage	24 VDC
Power Consumption	4.3 W/ft (14 W/m)
Protection Rating	IP67
Beam Angle	50°
UGR (Unified Glare Rating)	< 19
LED Pitch	36 LEDs/ft (120 LEDs/m)
Dimming	ELV / MLV / 0-10 Volt / DMX
Operating Temperature*	-4 – 113 °F (-20 – 45 °C)
Color Temperatures	2700K, 3000K, 3500K, 4000K, 5000K, 6000K
Lumens	94 lm/ft (308 lm/m) @ 4000K
Efficacy	22 lm/W @ 4000K
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	Top bend: 2.36 in. (60 mm) Side bend: 5.5 in. (140 mm)
CRI	80+ CRI
Warranty	5 years

* In high temperatures (above 113 °F | 45 °C), the power to the LED neon needs to be reduced to 2.74 W/ft (9 W/m) for operating temperatures up to 131 °F (55 °C).

WARNINGS

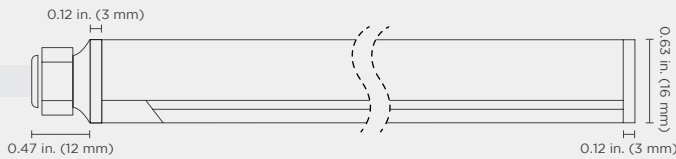
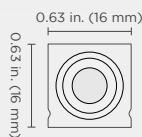
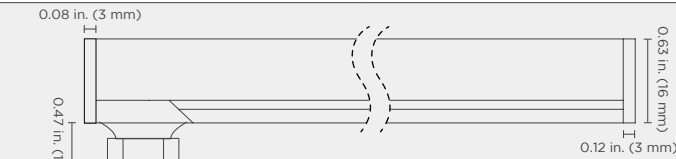
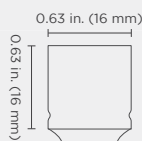
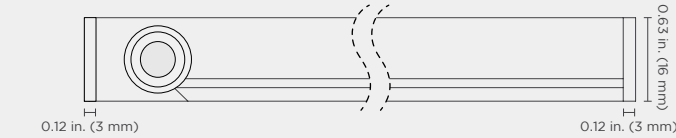
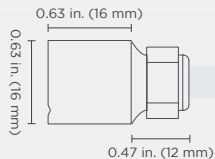
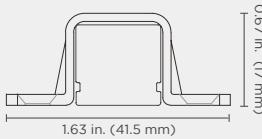
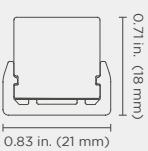
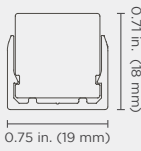
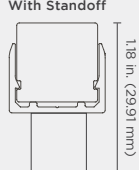
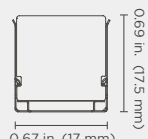
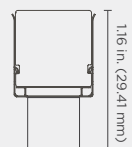
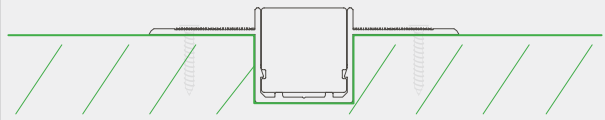
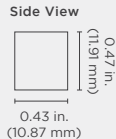
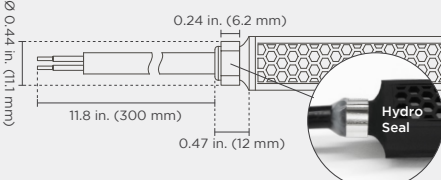


USAGE GUIDELINES

- Neon Apex Dual Louver 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 113 °F (45 °C) maximum for which this product is rated. High-risk locations like this should be avoided.
- In high temperatures (above 113 °F | 45 °C), the power to the LED neon needs to be reduced to 2.74 W/ft (9 W/m) for operating temperatures up to 131 °F (55 °C).
- 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.

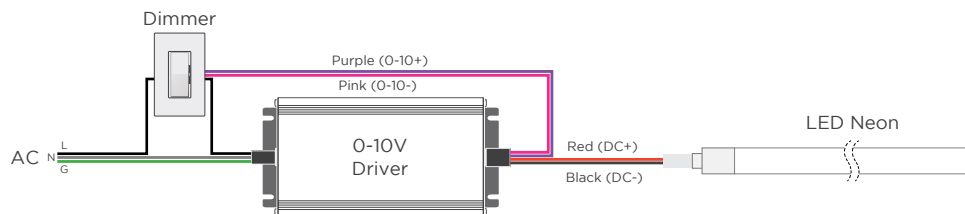
Acolyte does not warrant or represent that this information is free from errors or omission. We reserve the right to make changes to our product lineup, specifications, design and finishes at any time without notice. Acolyte is not in any way liable for the accuracy of any information printed and stored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

DIMENSIONS / DIAGRAMS

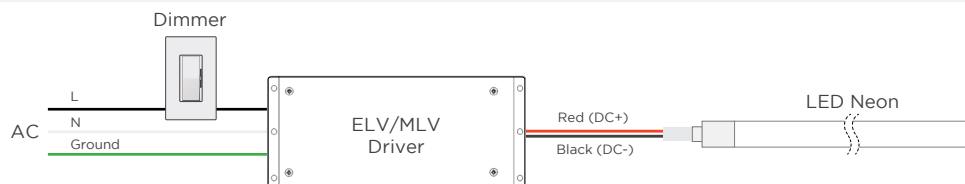
NEON APEX DUAL LOUVER		
End Feed - Side View  Max Lengths: 16 ft 4.85 in. (5 m)	End Feed - End View  Width: 0.63 in. (16 mm) Height: 0.63 in. (16 mm)	
Bottom Feed - Side View  Max Lengths: 16 ft 4.85 in. (5 m)	Bottom Feed - End View  Width: 0.63 in. (16 mm) Height: 0.63 in. (16 mm)	
Side Feed - Side View  Max Lengths: 16 ft 4.85 in. (5 m)	Side Feed - End View  Width: 0.63 in. (16 mm) Height: 0.63 in. (16 mm)	
Clear Mounting Bracket (PC) Recommended for indoor only curved applications with 6 in. (150 mm) on center spacing. Part #: NLADLBRACKET 	Mounting Clip (PC) Recommended for indoor only curved applications with 6 in. (150 mm) on center spacing. Part #: NLADLCLIP 	Mounting Channel (Aluminum) Recommended for all straight applications. Part #: NLADLCHANNEL  With Standoff 
S-type Track (Aluminum) Recommended for curved applications Length: 39.4 in. (1 m) Part #: NLADLCHANNELS  With Standoff 	Mud-in S-type Track (Aluminum) Recommended for curved mud-in applications Length: 39.4 in. (1 m) Part #: NLADLCHANNELMS  Cut Hole Width: 0.79 in. (20 mm) Min. Cut Hole Height: 0.59 in. (15 mm)	Standoff Recommended for all exterior applications with Mounting Channel or S-type Track Part #: LB-FRN-STDOFF Side View  Top View  
HYDRO SEAL The Hydro Seal clinches tightly around the conductors to prevent any water flow from the end of the wire to the circuit board through capillary effect. 		

WIRING DIAGRAMS

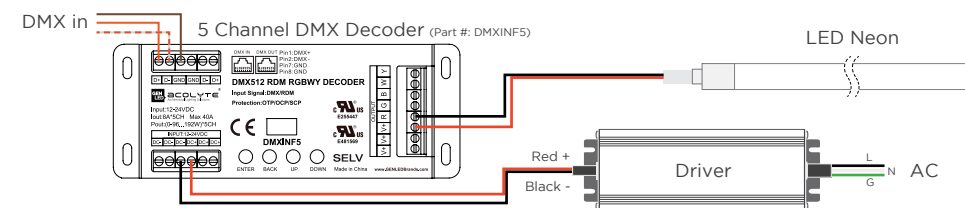
0-10V



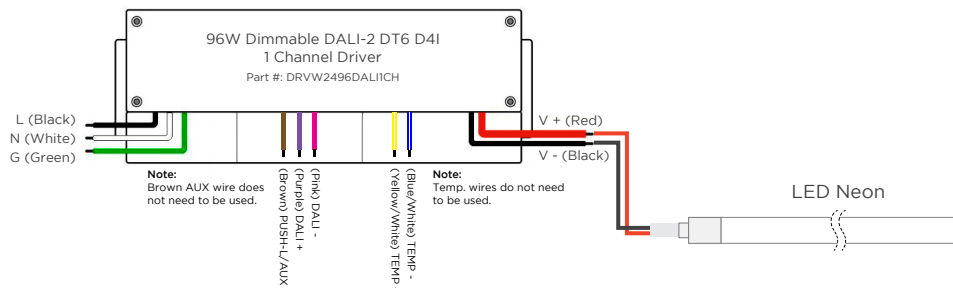
MLV / ELV



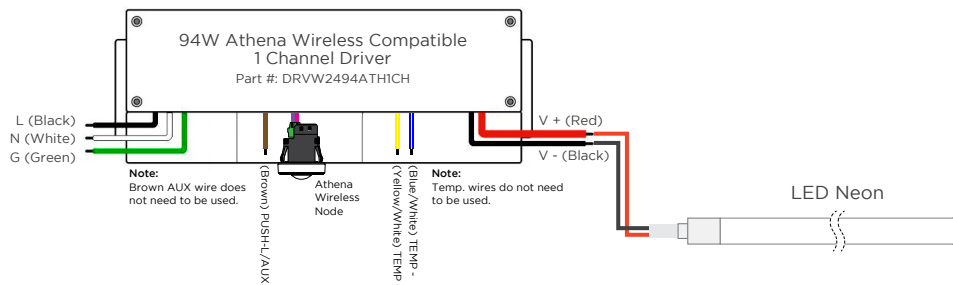
DMX



DALI-2



WIRING WITH ATHENA WIRELESS COMPATIBLE DRIVER



WIRE COLORS

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

REV.15SEP2026

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