

PROJECT	TYPE	NOTES

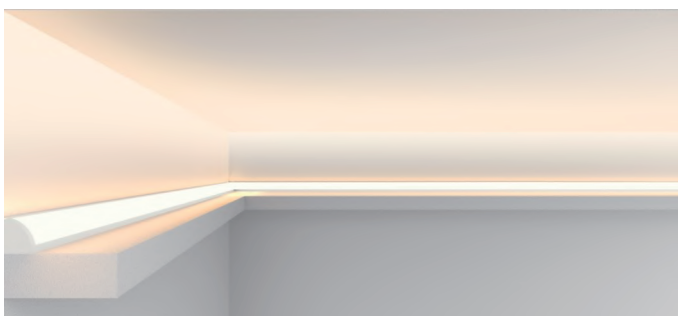
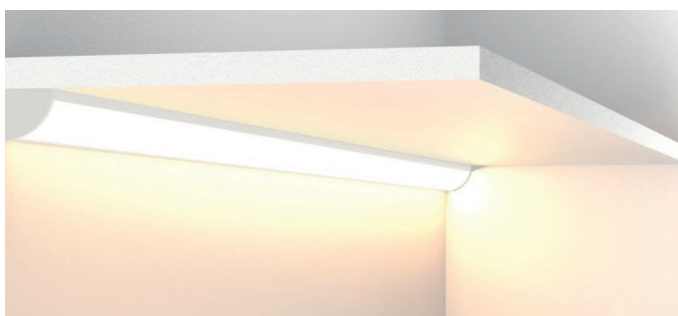
OVERVIEW

The TL24NEON-45 forty-five degree side-bending flexible neon is great for interior and exterior applications. With no dedicated cut marks, this product is free cut. Constructed of weather resistant silicone, its IP67 rating allows this product to stand up in challenging environments.



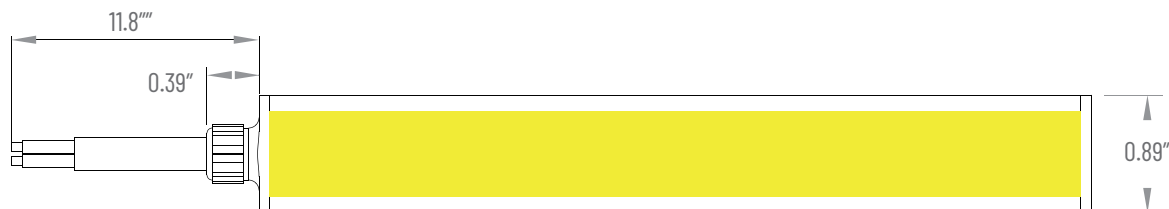
TECHNICAL SPECIFICATIONS

Operating Voltage	24VDC
Power Consumption	3.7W/ft
Lumens/ft (4000K/CCT/RGB)	293lm/ft / 317m/ft / 143lm/ft
Efficacy (4000K/CCT/RGB)	80lm/W / 87lm/ft / 39lm/ft
Color Temperatures	2700K, 3000K, 3500K, 4000K, 5000K, 6000K, Custom CCT, CCT Tunable (2700K-6000K), RGB
CRI (RGB)	90+ (80+)
Beam Spread	114°
Dimming	YES (0.1%)
Cut Increments (STATIC/CCT/RGB)	Free Cut / 1.4" / 1.4"
Minimum Bend Radius	4.7"
Maximum Run Length	16.4"
LED Life	50,000hrs
Warranty	5 years

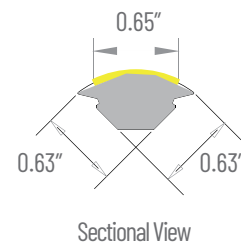
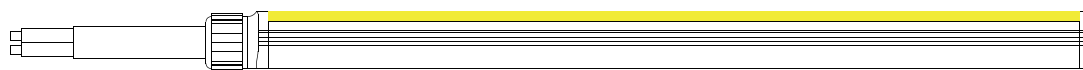


DIMENSIONS - INLINE POWER FEED

Top View

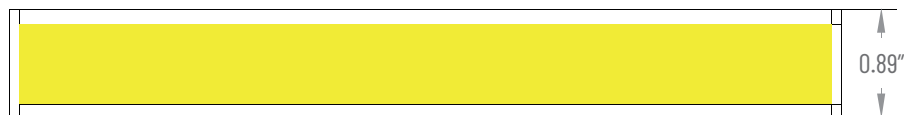


Side View

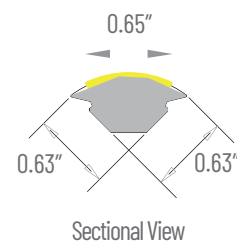
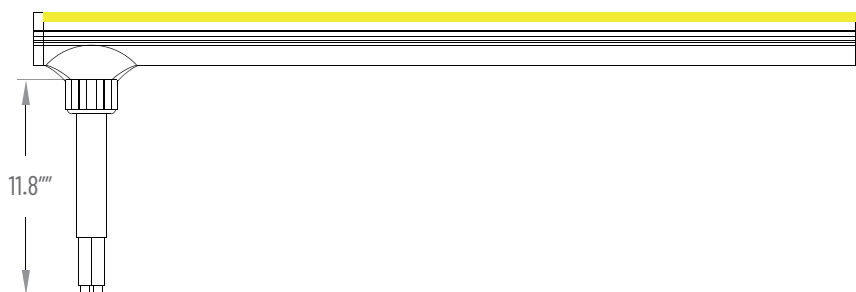


DIMENSIONS - BACK POWER FEED

Top View

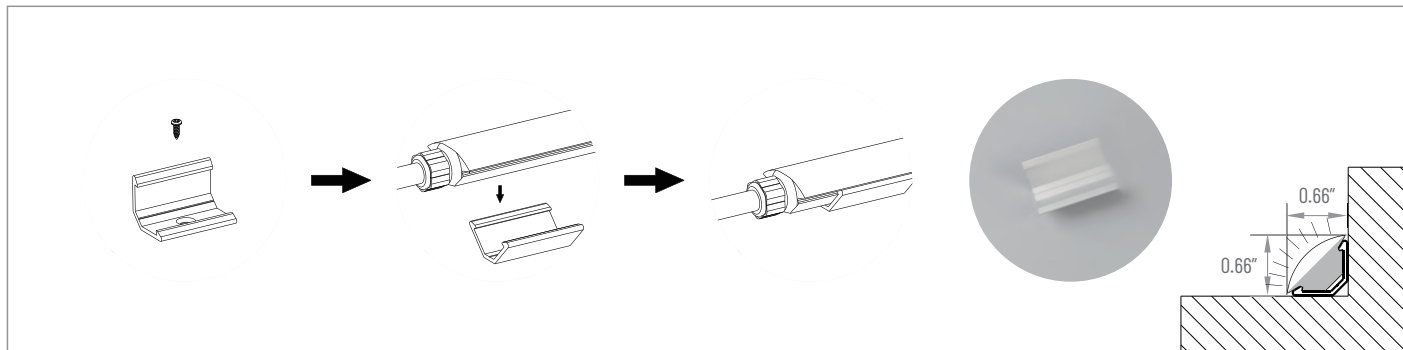


Side View

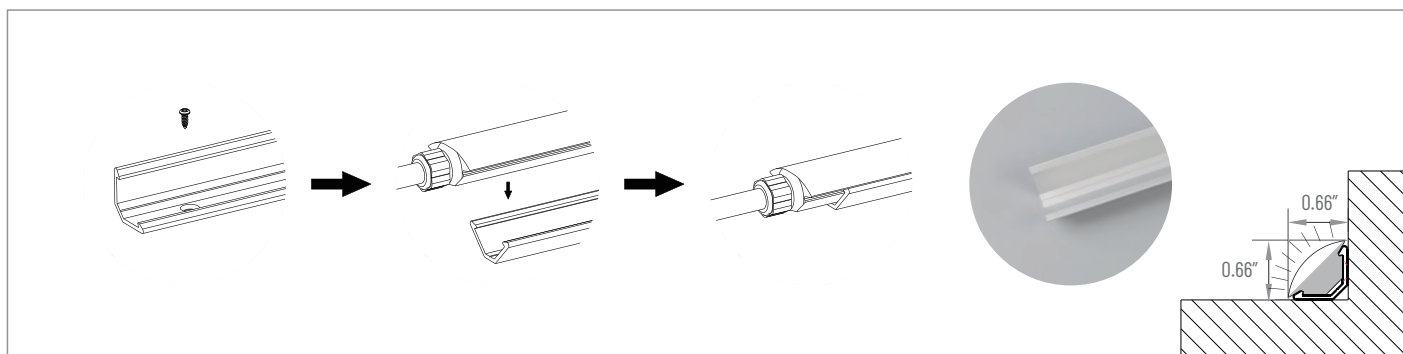


MOUNTING AND INSTALLATION ACCESSORIES

TL24NEON-45-ACL - Aluminum Clip 1.0" x 0.6" x 0.6"



TL24NEON-45-AC - Aluminum Channel 39.4" x 0.6" x 0.6"



ORDER CODE

TL24NEON	45	-	-	-
----------	----	---	---	---

CRI/CCT

927 - 90+/2700K
930 - 90+/3000K
935 - 90+/3500K
940 - 90+/4000K
950 - 90+/5000K
960 - 90+/6000K
XX - Custom CCT
CCT - CCT Tunable (27K-6K)
RGB - Red Green Blue

LENGTH

XX - Custom

POWER FEED

PFI - Inline
PFB - Back

DRIVER CUTSHEETS

DESCRIPTION	INPUT	OUTPUT	WATTAGES	SPECIFICATION SHEETS	
Non-Dimming Indoor-Outdoor	120-277VAC	24VDC	30W-300W	DR-24VDC-OUT	
Phase Dimming Indoor	100-130VAC	24VDC	24W-60W	DR-24VDC-DIMA	
0.5% & 1% Universal Dimming	100-277VAC	24VDC	30W-300W	DR-24VDC-DIMS-UNV	
0.1% & 1% Universal Dimming	120-277VAC	24VDC	96W	DR-24VDC-DIML-UNV	
0.1% DALI/AWN Dimming	120-277VAC	24VDC	96W	DR-24VDC-DALI-UNV	

VOLTAGE DROP CALCULATOR

LOAD (WIRE GAUGE)	10W	20W	30W	40W	50W	60W	70W	80W	90W	100W
20AWG	85 ft	43 ft	27 ft	21 ft	17 ft	14 ft	12 ft	11 ft	9 ft	8 ft
18AWG	134 ft	68 ft	45 ft	33 ft	27 ft	22 ft	19 ft	17 ft	15 ft	14 ft
16AWG	215 ft	109 ft	72 ft	54 ft	43 ft	36 ft	31 ft	27 ft	24 ft	22 ft
14AWG	345 ft	174 ft	115 ft	86 ft	69 ft	57 ft	49 ft	43 ft	39 ft	36 ft
12AWG	539 ft	272 ft	181 ft	135 ft	108 ft	90 ft	77 ft	68 ft	61 ft	56 ft
10AWG	784 ft	197 ft	263 ft	197 ft	158 ft	131 ft	112 ft	98 ft	97 ft	82 ft

