

PROJECT	TYPE	NOTES

OVERVIEW

The TL24NEON-MXD mini 3D bend LED neon stands up to the toughest outdoor environments. Outdoor environments and exterior facade applications, are no challenge for this neon. Constructed of UV, chemical and salt water resistant silicone and being IP68 rated allows this product to stand up to even the most challenging environments. Field cutting is only recommended for indoor applications. Illuminate your indoor and outdoor applications with confidence.



IP68

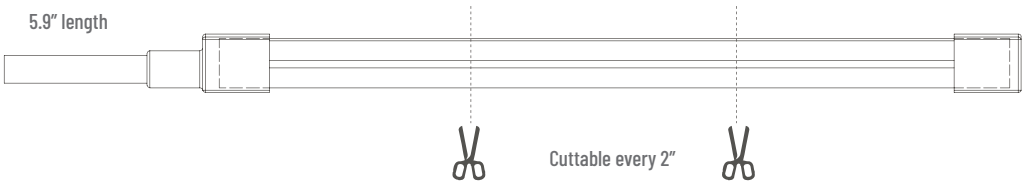
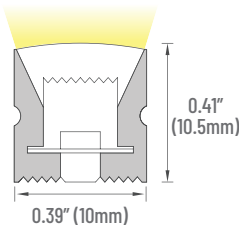
DRY/DAMP/WET
LOCATIONS

RoHS
COMPLIANT

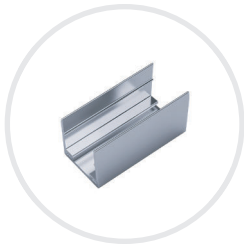
cULus
LISTED

TECHNICAL SPECIFICATIONS

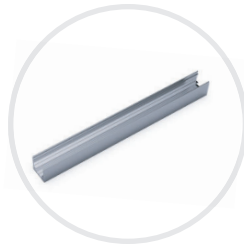
	SO	HO
Operating Voltage	24VDC	
Power Consumption	2.44W/ft	
Lumens/ft (3000K)	162lm/ft	247lm/ft
Efficacy (3000K)	67lm/W	101lm/ft
Color Temperatures	2700K, 3000K, 3500K 4000K, 5000K, Custom CCT, AMBER (Turtle Friendly)	
Colors (Not availble in HO)	Red, Green, Blue, Yellow, Orange	
CRI	90+	
Beam Spread	114°	
LED Life	50,000 hrs	
Cuttable Increments	2.0"	
Min. Bend Radius - Top/Side	24" / 5.9"	
Maximum Run Length	16.4'	
Warranty	5 years	



MOUNTING AND INSTALLATION ACCESSORIES



TL24NEON-MXD-ACL
Aluminum clip



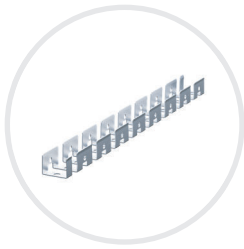
TL24NEON-MXD-AC
Aluminum channel



TL24NEON-MXD-ACLW
Aluminum clip w/raceway



TL24NEON-MXD-ACRW
Aluminum channel w/raceway



TL24NEON-MXD-SST
Stainless steel S-track



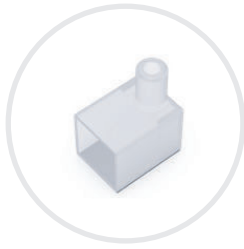
TL24NEON-MXD-ACMI
Aluminum channel mud-in



TL24NEON-MXD-EC
Silicone end cap



TL24NEON-MXD-PFI
Power feed inline



TL24NEON-MXD-PFB
Power feed side/bottom

ORDER CODE

TL24NEON	MXD	-	-	-
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OUTPUT

SO - Standard Output
HO - High Output
 (White Only)

CCT / COLOR

927 - 2700K
930 - 3000K
935 - 3500K
940 - 4000K
950 - 5000K
RD - Red
GR - Green
BL - Blue
YL - Yellow
OR - Orange
AMB - Amber (TF 590nm)
XX - Custom CCT

ROLL LENGTH

5 - 5M/16.4ft
XX - Custom



DRIVER CUTSHEETS

DESCRIPTION	INPUT	OUTPUT	WATTAGES	SPECIFICATION SHEETS	
Non-Dimming Indoor/Outdoor	100-277VAC	24VDC	30W-300W	DR-24VDC-S-OUT	
Universal Phase Dimming Indoor	120VAC	24VDC	24W/48W/60W	DR-24VDC-DIMA	
Universal Phase Dimming Indoor/Outdoor	100-277VDC	24VDC	30W-300W	DR-24VDC-DIMS-UNV	
DALI Dimming Indoor/Outdoor	100-277VDC	24VDC	96W	DR-24VDC-DALI-UNV	

VOLTAGE DROP CALCULATOR Load vs AWG vs Max. Distance Away From Driver

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

