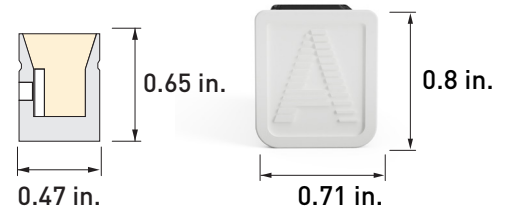
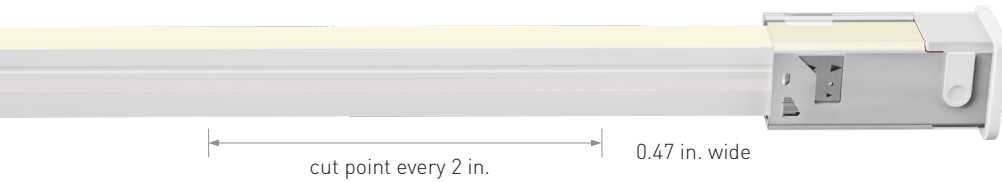


PrimaLine® Neon 100 SB (Side-Bending)



PrimaLine 24V Neon tape light is the next generation of neon lighting made from silicone for increased flexibility. It can be used indoors and outdoors for dynamic, curved lighting installations. A rugged, ultra-flexible silicone housing provides protection, longevity, and 100% hotspot-free lighting.

- Medium output
- Industry-leading 95+ CRI (Color Rendering Index)
- High R9 and R13 values for superb rendering of warm tones
- 5-year warranty

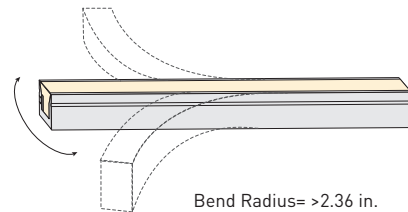
PrimaLine Neon 100 SB shines from the top and bends to the sides.



Stocked CCTs (Kelvin Temp.)	2600K, 3000K, 4100K, Red, Blue
Power Consumption per ft.	3 Watts
Input Voltage	24V DC
Tape Height	0.65 inches
Tape Width	0.47 inches
Beam Angle	120°
Bend Radius	>2.36 inches
Field Cuttable (UL 2108)	Every 2 inches
Max Run Length	32 ft.

Dimmable	Yes
Ambient Temp.	-4° F to 113° F
Spool Lengths	16.4 ft., 32 ft.
Location	Dry, Wet (IP67)
Certifications	UL Listed, UL 2108, CE, RoHS
Warranty	5 Year Limited

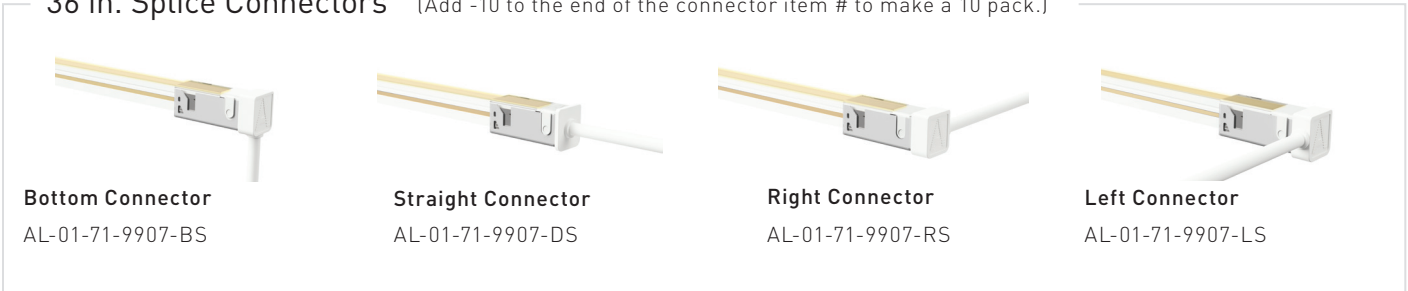
*Each tape light section comes with 18 in. right-hand lead wire



16.4 ft. Spool	32 ft. Spool	Kelvin Temp. (CCT)	CRI	R9	R13	TM30	Lumens / Foot
AL-01-71-2405-SB	AL-01-71-2425-SB	2600K	98	88	100	94	110
AL-01-71-2402-SB	AL-01-71-2422-SB	3000K	98	92	99	93	115
AL-01-71-2406-SB	AL-01-71-2426-SB	4100K	97	99	99	93	115
n/a	AL-01-71-2431-SB	Red	n/a	n/a	n/a	n/a	n/a
n/a	AL-01-71-2432-SB	Blue	n/a	n/a	n/a	n/a	n/a

→ Compatible Connectors *Connectors and end cap have a IP65 rating

36 in. Splice Connectors (Add -10 to the end of the connector item # to make a 10 pack.)



→ Other Accessories



End Cap Assembly
AL-01-71-9951 (1 pack)
AL-01-71-9956 (10 pack)



Silicone Caps
AL-01-71-9961 (1 pack)
AL-01-71-9966 (10 pack)



Aluminum Mounting Clip / Screws
AL-01-71-9981 (1 pack)
AL-01-71-9986 (10 pack)



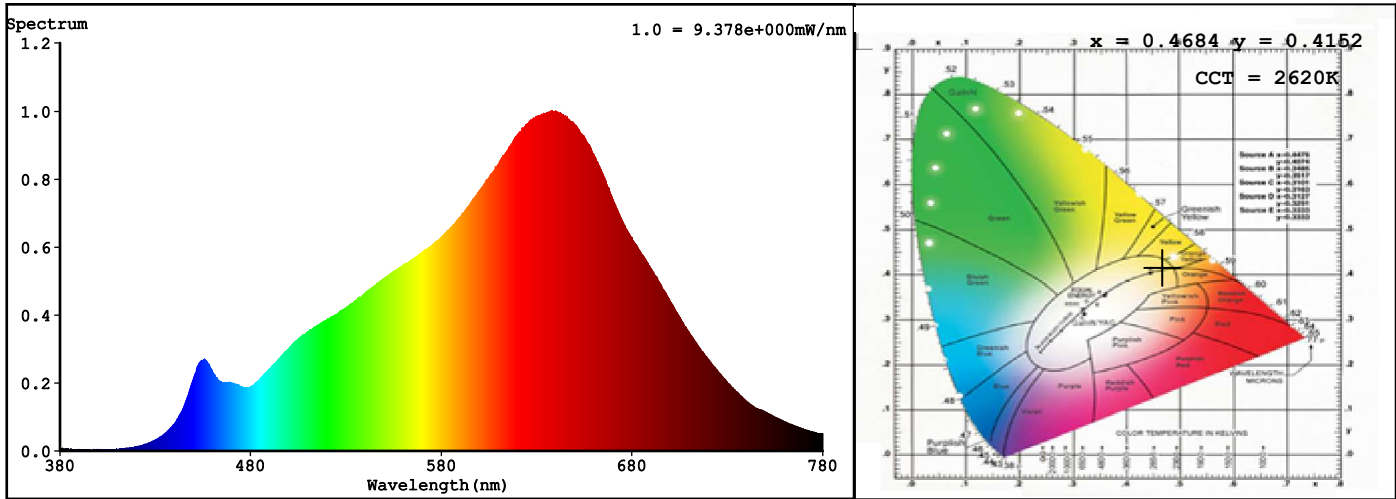
Flexible Mounting Track
AL-01-71-9930 (20 in.)



Aluminum Mounting Track
AL-01-71-9923-AL (40 in.)

2600K

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4684$ $y = 0.4152$ / $u' = 0.2659$ $v' = 0.5304$ ($duv=1.02e-03$)

CCT= 2620K Prcp WL: $L_d=584.3\text{nm}$ Purity=65.2%

Peak WL: $L_p=638\text{nm}$ FWHM: $=145.3\text{nm}$ Ratio:R=27.7% G=69.7% B=2.6%

Render Index: $R_a = 97.9$ TM30: $R_f=94$ $R_g=99$

R1 =100 R2 =100 R3 =99 R4 =99 R5 =99 R6 =97 R7 =96

R8 =94 R9 =88 R10=99 R11=97 R12=90 R13=100 R14=98 R15=97

LEVEL:OUT WHITE:ANSI_2700K

Photometric & Radiometric Parameters

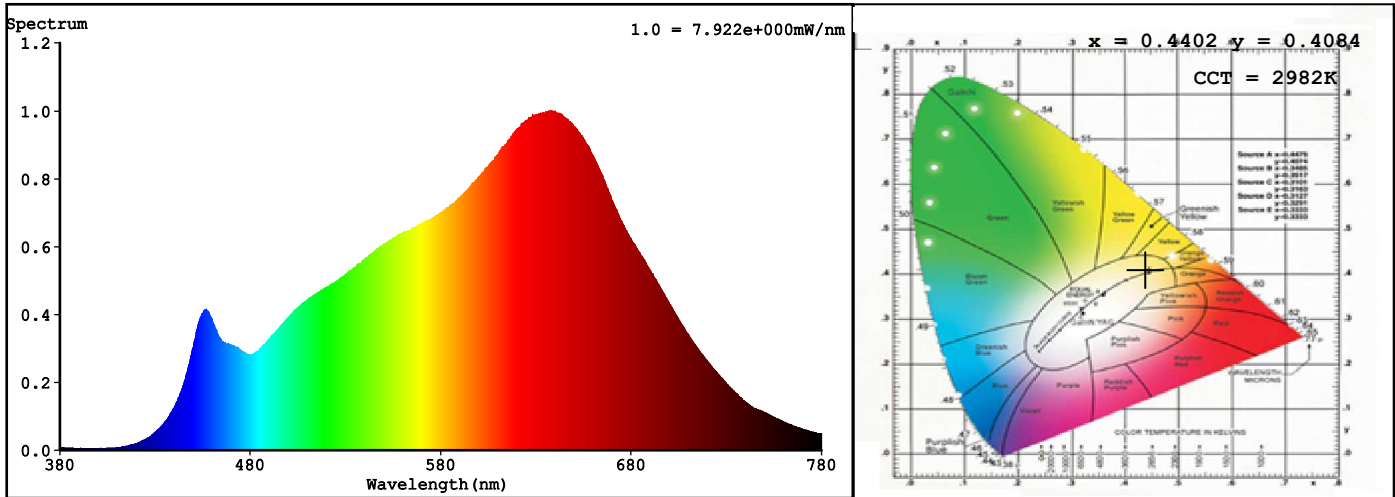
Flux = 385.82 lm Eff. : 36.68 lm/W $F_e = 1.5020$ W

Electrical parameters

V = 24.00 V I = 0.4383 A P = 10.52 W PF = 1.000 F=0.00 Hz

3000K

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.4402$ $y = 0.4084$ / $u' = 0.2508$ $v' = 0.5236$ ($duv=1.29e-03$)

CCT= 2982K Prcp WL: $L_d=582.5\text{nm}$ Purity=54.7%

Peak WL: $L_p=638\text{nm}$ FWHM: =166.7nm Ratio:R=25.0% G=71.7% B=3.3%

Render Index: $R_a = 97.9$ TM30:Rf=93 Rg=99

R1 =99 R2 =99 R3 =99 R4 =98 R5 =98 R6 =98 R7 =97

R8 =96 R9 =92 R10=99 R11=99 R12=86 R13=99 R14=98 R15=97

LEVEL:OUT WHITE:ANSI_3000K

Photometric & Radiometric Parameters

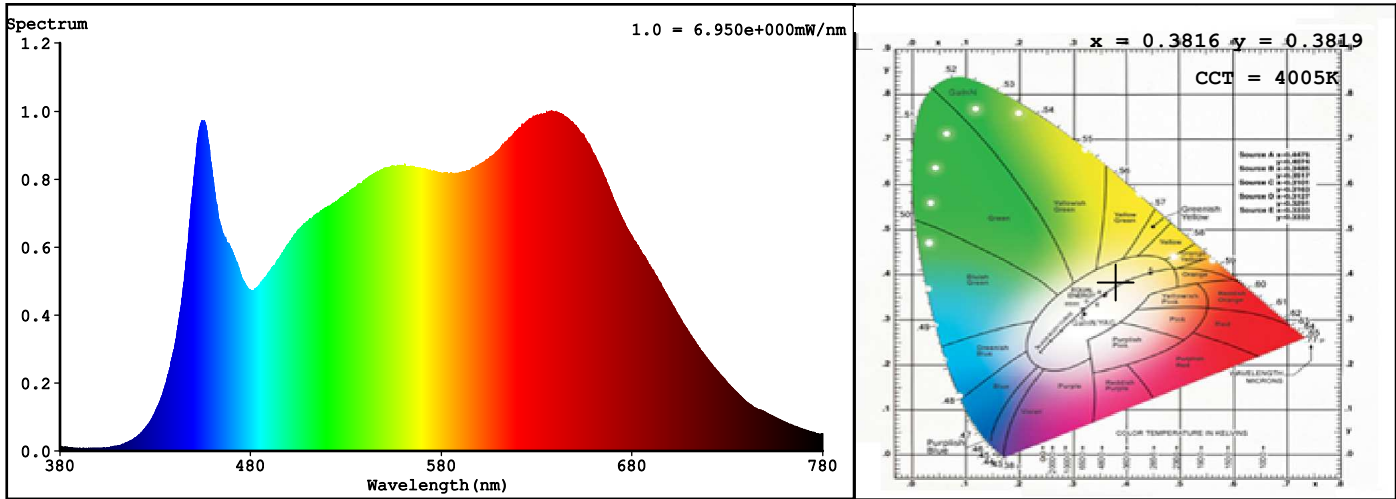
Flux = 368.21 lm Eff. : 38.23 lm/W $\Phi_e = 1.3867$ W

Electrical parameters

V = 24.00 V I = 0.4013 A P = 9.630 W PF = 1.000 F=0.00 Hz

4100K

Spectrum



Colorimetric Parameters

Chromaticity Coordinate: $x = 0.3816$ $y = 0.3819$ / $u' = 0.2238$ $v' = 0.5040$ ($duv=2.04e-03$)

CCT= 4005K Prcp WL: $L_d=578.0nm$ Purity=29.1%

Peak WL: $L_p=638nm$ FWHM: =207.7nm Ratio:R=20.2% G=75.1% B=4.6%

Render Index: $R_a = 97.4$ TM30: $R_f=93$ $R_g=99$

R1 =99 R2 =99 R3 =97 R4 =96 R5 =97 R6 =97 R7 =97

R8 =97 R9 =99 R10=97 R11=98 R12=76 R13=99 R14=98 R15=97

LEVEL:OUT WHITE:ANSI_4000K

Photometric & Radiometric Parameters

Flux = 403.69 lm Eff. : 40.22 lm/W $F_e = 1.4903 W$

Electrical parameters

V = 24.00 V I = 0.4182 A P = 10.04 W PF = 1.000 F=0.00 Hz