TASK™
lighting & power

Single-White Neon Flexible Lighting: Side Bend
Single-white lighting side bending LED Neon Flexible Lighting

Fixture Cross-Section
(enlarged to show detail)

1/4" (5 mm)
3/8" (9 mm)
5/32" (4 mm)

Ordering Information

ACCENT | **24V**

80 Lumens/ft. 24-Volt, Single-White Side Bend LED Neon Flexible Lighting

Width	Kelvin Temperature	Length	Lumens Per Foot	Watts Per Foot	IP Rating	Cutting	Part Number
5.2 mm	3000K, 4000K	3.3 ft. (1m)	80	3.1W (10/m)	IP66	Approx. 1-5/16"	LN1S1W24003Temp
5.2 mm	3000K, 4000K	9.8 ft. (3m)	80	3.1W (10/m)	IP66	Approx. 1-5/16"	LN1S1W24009Temp
5.2 mm	3000K, 4000K	16.4 ft. (5m)	80	3.1W (10/m)	IP66	Approx. 1-5/16"	LN1S1W24016Temp

About The Product

- Flexible, silicone casing with side-bending (horizontal) direction
- Achieve the continuous lighting aesthetics of neon lighting with the benefits of LED lighting
- Slim profile for recess-mount application (3/16" wide router recommended; 3/8" depth needed)
- 3 ft. lead wire from factory on each end; Easy to cut in the field; cannot be reconnected
- Accessories sold separately: mounting clips and end cap
- Waterproof IP66 rating for indoor/outdoor applications
- Plug-in or hardwired power supply required (order separately)
- No Ultraviolet (UV) or Infrared (IR)
- Compatible with smart home devices (not sold by Task Lighting) WAV Smart Control™ required (order separately)

Applications

Closets

Recessed into shelves or panels

Commercial accent

For additional application help and suggestions, call Design Services at 866-848-9094

Available Kelvin Temperatures

Soft White 3000K (30)
Cool White 4000K (40)

Technical Information

Input Voltage	24-volt DC
Color Temperature (Kelvin)	Soft White 3000K (30) Cool White 4000K (40)
CRI (Color Rendering Index)	90+
LED Type	SMD 2835
Lumens	80 lumens per foot
Max Run	Recommended maximum run length is 16 ft. (5 m)
Dimmable	5%–100%
Rated Life	50,000 hrs
LED Beam Angle	120°
Diodes per Foot	54
LED Spacing	approx. 7/32" (5.56 mm)
Bend Diameter	R>1-3/16" (R>30 mm)
Mounting	Snap-in for recess mount or mounting clips (order separately)
Wiring	20/2 stranded or solid
Operating Temperature	-40°F to 131°F (-40°C to 55°C)
Environment	Damp, wet, dry locations
Construction Material	Heat resistant 5 mm PCB, Silicone enclosure (yellowing, UV, salt and alkali, high temp, flame resistant).

Lumen Output Options

ACCENT

LED Lighting 5 YEAR WARRANTY

WAV Wireless • App • Voice SMART CONTROL — Smart home Compatible

c(UL)us LISTED

Mounting Clips Recommended to use approximately every 24"—36"

Description	Dimensions	Part Number
Mounting clip; stainless steel	1/4" x 3/8" x 1"	L-NS-MC-SS
Loop mounting clip; clear plastic	1/4" x 1/8" x 15/16"	L-NS-LMC-C

End Cap

Description	Dimensions	Part Number
End cap; white	5/8" x 5/16" x 9/16"	L-NS-EC-W

Compatible Power Supplies NOTE: Task Lighting 24-volt power supplies rated for 100-watts and less are Class 2 Listed for residential use

Description	Dimensions	Part Number
24-watt, 24-volt, AC/DC 2 prong plug-in, 1-amp. Class 2 rated.	2-15/16" x 1-3/16" x 1-13/16"	T-24V-24W-PI
60-watt, 24-volt, AC/DC 2 prong plug-in, 2.5-amp. Class 2 rated.	3-11/16" x 1-7/8" x 1-5/16"	T-24V-60W-PI
96-watt, 24-volt, AC/DC 2 prong plug-in, 4-amp.	5" x 2-1/4" x 1-1/4"	T-24V-96W-PI
120-watt, 24-volt, AC/DC 2 prong plug-in, 5-amp.	3-3/4" x 2" x 1-5/16"	T-24V-120W-PI
WAV Smart Receiver/96-watt plug-in power supply. Class 2 rated	9-5/8" x 2-1/2" x 1-1/2"	T-TWAV24V96WPSR
60-watt, 24-volt IP67 rated waterproof LED hardwired. Class 2 rated.	6-3/8" x 1-5/8" x 1-1/4"	T-24-60W-WP-HW
100-watt, 24-volt IP67 rated waterproof LED hardwired. Class 2 rated.	7-3/8" x 2-3/8" x 1-1/2"	T-24-100W-WP-HW
150-watt, 24-volt IP67 rated waterproof LED hardwired.	7-1/2" x 2-1/2" x 1-1/2"	T-24-150W-WP-HW
75-watt, 24-volt DC RF CV hardwired with built-in wireless receiver.	8-1/2" x 4-1/2" x 1-1/4"	T-DQ75W-24V-HW
30-watt, 24-volt, dimmable hardwired. Class 2 rated.	6-1/2" x 1-5/8" x 1-1/4"	T-24V-DT30W-HW
60-watt, 24-volt, dimmable hardwired. Class 2 rated.	7-3/8" x 2-3/8" x 1-1/2"	T-24V-DT60W-HW
120-watt, 24-volt, dimmable hardwired. Class 2 rated.	7-1/4" x 2-7/8" x 1-5/8"	T-24V-DT120W-HW
350-watt, 24-volt, indoor industrial harwired.	8-1/2" x 4-1/2" x 1-1/4"	T-350W-24V-HW

Compatible Dimming Systems

Description	Dimensions	Part Number
One Zone LED controller. On/off/dim. Use with LED Receiver.	2-5/8" x 1-5/16" x 3/8"	T-Q-1Z-WC-RF-Color
Two Zone LED controller. On/off/dim. Use with LED Receiver.	2-5/8" x 1-5/16" x 3/8"	T-Q-2Z-WC-RF-Color
Four Zone LED controller. On/off/dim. Use with LED Receiver.	2-5/8" x 1-5/16" x 3/8"	T-Q-4Z-WC-RF-Color
96-watt receiver for single-white lighting. Use one receiver per zone and pair with a wireless controller.	3-7/8" x 1-13/16" x 13/16"	T-Q-WR96
240-watt receiver for single-white lighting. Use one receiver per zone and pair with a wireless controller.	7" x 1-13/16" x 7/8"	T-Q-WR240
WAV 120-watt smart LED Receiver. Use with a Wireless Controller.	4-1/4" x 2-1/4" x 3/8"	T-TWAV-WR-120
Decora style cover plate to fit over Wireless Controller on wall. Available in Almond (AL), Black (BK), Brown (BR), Grey (GR), or White (WT).	4-11/16" x 2-15/16" x 11/16"	T-DPL-Color

Sensors and Switches
Sensors and switches must be wired before the wired controller or receiver to function properly.

Description	Dimensions	Part Number
Infrared (IR) door sensor switch.	3/8" x 1" x 1-1/4"	T-DSS-30W-IR
Infrared (IR) door sensor switch **with two heads.**	3/8" x 1" x 1-1/4"	T-2HDSS-30W-IR
Doppler motion sensor switch	3-7/8" x 1-13/16" x 13/16"	T-MSS-D-TS
Motion sensor switch.	1/2" x 2-1/4"	T-MSS-60W
Infrared (IR) sensor proximity switch.	2-1/4" x 3/8"	T-PSS-60W-IR
LED touch dimmer.	3/8" x 2" x 2"	T-TDS-60W
Recessed LED touch dimmer.	2-1/4" x 29/64"	T-TDS-R
Infrared (IR) wave sensor switch.	2-1/4" x 3/8"	T-WSS-60W-IR
600W Diva slide dimmer. Available in Almond (AL), Black (BK), Brown (BR), Grey (GR), or White (WT)	4-11/16" x 2-15/16" x 1-5/16"	DVLV-600P-Color
On/off round switch.	15/16"	T-RS-BK

Connectors

Description	Dimensions	Part Number
36" Barrel Connector Extender; black.	3 ft. overall length	T-BC-EXT-36-BK
72" Barrel Connector Extender; black.	6 ft. overall length	T-BC-EXT-72-BK
96" Barrel Connector Extender; black.	8 ft. overall length	T-BC-EXT-96-BK
Female barrel to screw-down connector.	1-9/16" x 9/16" x 1/2"	T-FBC
Male barrel to screw-down connector.	1-9/16" x 9/16" x 1/2"	T-MBC
EZ wire-to-wire connector.	13/16" x 11/16" x 5/16"	T-EZWC
DC 3-way splitter plug.	16" overall; 8" length/splice	T-3WSP
White 9-amp wire distribution block.	15/16" x 2-5/16" x 3/8"	T-WDB-W
White mini junction wire box.	2" x 1" x 5/8"	T-JB-W

Optional Components

Description	Dimensions	Part Number
90" Plastic wire manager, available in Black (BK) and White (WT).	90" x 3/4" x 3/8"	T-WM-90-Color
Elbow connector to use with wire manager, available in Black (BK) and White (WT).	1-1/2" x 1-1/2" x 1/2"	T-WM-EC-Color
In-line splice connector to use with plastic wire manager, available in Black (BK) and White (WT).	1" x 7/8" x 7/16"	T-WM-ISC-Color

Wire

Description	Dimensions	Part Number
20/2 AWG stranded wire, 25 ft. spool	1/8" (3 mm)	T-CW20G-STR-25
20/2 AWG stranded wire, 50 ft. spool	1/8" (3 mm)	T-CW20G-STR-50
20/2 AWG stranded wire, 100 ft. spool	1/8" (3 mm)	T-CW20G-STR-100
20/2 AWG stranded wire. Specify the number of feet needed. Sold per foot. Order minimum is 2 ft.	1/8" (3 mm)	T-CW20G-STR-1
20/2 AWG solid wire, 25 ft. spool	1/8" (3 mm)	T-CW20G-SOL-25
20/2 AWG solid wire, 50 ft. spool	1/8" (3 mm)	T-CW20G-SOL-50
20/2 AWG solid wire, 100 ft. spool	1/8" (3 mm)	T-CW20G-SOL-100
20/2 AWG solid wire. Specify the number of feet needed. Sold per foot. Order minimum is 2 ft.	1/8" (3 mm)	T-CW20G-SOL-1