TASK™
lighting & power

Single-White Neon Flexible Lighting: Top Bend
Single-white lighting top bending LED Neon Flexible Lighting

Fixture Cross-Section
(enlarged to show detail)

13/32" (10 mm)

5/32" (4 mm)

HIGH
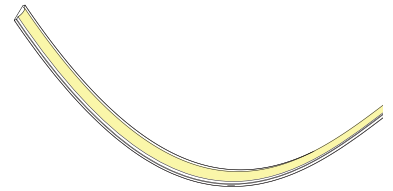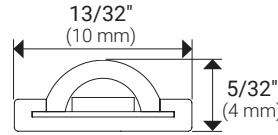
24V Ordering Information
400 Lumens/ft. 24-Volt, Single-White Top Bend LED Neon Flexible Lighting

Width	Kelvin Temperature	Length	Lumens Per Foot	Watts Per Foot	IP Rating	Cutting	Part Number
10 mm	3000K, 4000K	16 ft.	400	3.8W (12/m)	IP66	Approx. 1-5/16"	LN4T1W24016Temp

STANDARD

24V Ordering Information
225 Lumens/ft. 24-Volt, Single-White Top Bend LED Neon Flexible Lighting

Width	Kelvin Temperature	Length	Lumens Per Foot	Watts Per Foot	IP Rating	Cutting	Part Number
10 mm	3000K, 4000K	16 ft.	225	3.6W (11.5/m)	IP66	Approx. 1"	LN2T1W24016Temp

ACCENT

24V Ordering Information
120 Lumens/ft. 24-Volt, Single-White Top Bend LED Neon Flexible Lighting

Width	Kelvin Temperature	Length	Lumens Per Foot	Watts Per Foot	IP Rating	Cutting	Part Number
10 mm	3000K, 4000K	16 ft.	120	2W (6.3/m)	IP66	Approx. 1"	LN1T1W24016Temp

About The Product

• Flexible, silicone casing with top-bending (vertical) direction
• Achieve the continuous lighting aesthetics of neon lighting with the benefits of LED lighting
• Slim profile for surface-mount application—ideal for frameless cabinetry or shelving
• Low profile allows for in-cabinet installation without modifying shelving
• 7" lead wire from factory; Easy to cut and reconnect in the field
• Double-side adhesive on the back for easy installation
• 2 Loop Mounting Clips included with each roll for wire management at ends of lighting (additional clips sold separately)
• Accessories sold separately: end caps and connectors
• 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

Under cabinets or shelves

Curved surfaces

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

Available Kelvin Temperatures

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

LED Lighting **5 YEAR WARRANTY**

WAV Wireless A App A Voice SMART CONTROL

Smart home Compatible

c UL us LISTED

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	120, 225, 400 lumens per foot
Max Run	Recommended maximum run length is 16 ft. (5 m) for single-side powering. For longer runs, power from both ends of the lighting.
Dimmable	5%–100%
Rated Life	50,000 hrs
LED Beam Angle	120°
Diodes per Foot	72
LED Spacing	approx. 3/16" (4.17 mm)
Bend Diameter	R>1-3/16" (R>30 mm)
Mounting	Waterproof adhesive tape on back of lighting strip, bottom mounting clips or loop 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 8 mm PCB, Silicone enclosure (yellowing, UV, salt and alkali, high temp, flame resistant).

Lumen Output Options

ACCENT   STANDARD   HIGH

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

Description	Dimensions	Part Number
Bottom mounting clip; clear plastic	1/2" x 7/32" x 9/16"	L-NT-BMC-C
Loop mounting clip; clear plastic; NOTE: 2 pieces included with L-NT-L2W-W and L-NT-LC-W	1/4" x 3/16" x 15/16"	L-NT-LMC-C

Connectors and End Cap

Description	Dimensions	Part Number
Light-to-wire connector with screw-down connector; white; 2 L-NT-LMC-C included with each order	3 ft	L-NT-L2W-W
Light-to-light connector; white	5/8" x 5/16" x 1-7/16"	L-NT-L2L-W
9-1/2" Linking cable; white; 2 L-NT-LMC-C included with each order	9-1/2" (6-3/4" wire)	L-NT-LC-W
End cap; clear silicone	3/8" x 1/4" x 3/8"	L-NT-EC-C

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
Amplifier used to boost signal	7" x 1-13/16" x 7/8"	T-AMP-180W

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