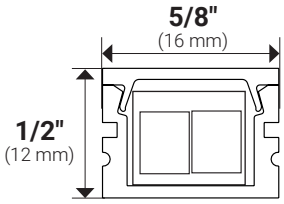
120 Lumens/Ft. Dual-Mount Linear Fixture

Single-white lighting

5 YEAR WARRANTY



Fixture Cross-Section

24V Ordering Information

Kelvin Temperature	Wall Cabinet Width	Fixture Length	Lumens Per Fixture	Watts Per Fixture	Part Number
3000K (3), 4000K (4)	9”	6”(152 mm)	30	1	LS1PD24V09-01WTemp
3000K (3), 4000K (4)	12”	9-15/16"(252 mm)	60	1	LS1PD24V12-01WTemp
3000K (3), 4000K (4)	15”	9-15/16"(252 mm)	60	1	LS1PD24V15-01WTemp
3000K (3), 4000K (4)	18”	13-7/8”(352 mm)	90	2	LS1PD24V18-02WTemp
3000K (3), 4000K (4)	21”	17-13/16”(452 mm)	120	2	LS1PD24V21-02WTemp
3000K (3), 4000K (4)	24”	21-3/4"(552 mm)	150	3	LS1PD24V24-03WTemp
3000K (3), 4000K (4)	27”	21-3/4"(552 mm)	150	3	LS1PD24V27-03WTemp
3000K (3), 4000K (4)	30”	25-11/16”(652 mm)	180	3	LS1PD24V30-03WTemp
3000K (3), 4000K (4)	33”	29-5/8”(752 mm)	210	4	LS1PD24V33-04WTemp
3000K (3), 4000K (4)	36”	33-9/16"(853 mm)	240	4	LS1PD24V36-04WTemp
3000K (3), 4000K (4)	39”	33-9/16"(853 mm)	240	4	LS1PD24V39-04WTemp
3000K (3), 4000K (4)	42”	37-1/2”(953 mm)	270	5	LS1PD24V42-05WTemp
3000K (3), 4000K (4)	45”	41-7/8"(1064 mm)	300	5	LS1PD24V45-05WTemp
3000K (3), 4000K (4)	48”	45-3/8"(1152 mm)	330	6	LS1PD24V48-06WTemp

Blue indicates dealer choice: Temp indicates Kelvin temperature. LS1PD24V09-02W3 (Example part number for 9” fixture in 3000K Kelvin temperature)

ABOUT THE PRODUCT

- 8 mm tape lighting pre-assembled in an aluminum housing with a frosted lens
- 18 diodes per foot
- 24-volt DC power supply required (order separately)
- Designed for simple installation
- Dimmable (with compatible dimmer)
- No Ultraviolet (UV) or Infrared (IR)
- Compatible with WAV Smart Control™ devices

APPLICATIONS

Under cabinet

Fixed or floating shelves

Stairs

AVAILABLE CCT

SOFT WHITE 3000K (30)

COOL WHITE 4000K (40)

LUMEN OUTPUT

ACCENT

Smart home compatible

c UL us LISTED UL Listed components

ASSEMBLED IN THE USA

TECHNICAL INFORMATION

Input Voltage	24-volts
Color Temperature Options (Kelvin)	Soft White 3000K (30) Cool White 4000K (40)
CRI (Color Rendering Index)	90+
LED Type	SMD2835
Lumens	120 lumens/ft.
Max Load Capacity	Refer to power supply specs
Max Run	Recommended maximum run length is 16 ft. (5 m) for single-side powering. For longer runs, power from both ends.
Dimmable	5%–100%
Environmental Rating	IP65 (if sealed at ends with silicone)
Rating	cULus Listed – damp/wet environments
Rated Life	50,000 hrs at 70% lumen maintainence
LED Beam Angle	120°
LED Spacing	1/4”
Mounting	Double stick tape (included) Mounting clips for surface mount (included)
Wiring	18—20 gauge wire
Operating Temperature	-4°F to 140°F (-20°C to 60°C)
Environment	Damp/wet/dry locations
Construction Material	Heat-resistant 8 mm PCB, extruded aluminum, polycarbonate (lens)
Warranty	5 years

Compatible Power Supplies

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
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
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
150-watt, 24-volt IP67 rated waterproof LED hardwired. Class 2 rated.	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

Compatible Dimming System/Sensors/Switches

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

Description	Dimensions	Part Number
One Zone wireless 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 wireless 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 wireless 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
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
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

Optional Components

Description	Dimensions	Part Number
End caps with wire entry openings–clear plastic		L-EC-DM
Mounting clip–mounting screws included	5/8" wide	L-MC-007
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

Connectors

Description	Dimensions	Part Number
EZ screw-down tape-to-wire connector; black; 6-pack	3/4” x 7/16” x 5/16”	L-EZV2-6PK-BK
EZ screw-down tape-to-wire connector; black; 100-pack	3/4” x 7/16” x 5/16”	L-EZV2-100PK-BK
EZ screw-down tape-to-wire connector; white; 6-pack	3/4” x 7/16” x 5/16”	L-EZV2-6PK-WT
EZ screw-down tape-to-wire connector; white; 100-pack	3/4” x 7/16” x 5/16”	L-EZV2-100PK-WT
EZ screw-down tape-to-tape connector; white; 6-pack	1” x 3/8” x 5/16”	L-EZL2L-6PK-WT
Flexible EZ screw-down connector with 4” wire in between connectors for corners; white; 3-pack	4-29/32” x 7/16” x 5/16”	L-8MM-FLEX3PK-W
Female plug connector.	6-1/2” overall length	T-FPC
Male plug connector.	6-1/2” overall length	T-MPC
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

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