



002XL Recessed Profile Linear Fixture – 226 Lumens Per Foot

Part Number	Profile Type	Wall Cabinet Width	Fixture Dimensions	Watts per Fixture	Lumens Per Fixture
LT2PX12V09-03W	Recessed 002XL profile.	9"	5-1/8" x 7/8" x 1/2" (130 mm x 22 mm x 13 mm)	3	99
LT2PX12V12-03W	Recessed 002XL profile.	12"	7-5/16" x 7/8" x 1/2" (186 mm x 22 mm x 13 mm)	3	141
LT2PX12V15-04W	Recessed 002XL profile.	15"	11-11/16" x 7/8" x 1/2" (297 mm x 22 mm x 13 mm)	4	226
LT2PX12V18-05W	Recessed 002XL profile.	18"	13-7/8" x 7/8" x 1/2" (352 mm x 22 mm x 13 mm)	5	268
LT2PX12V21-06W	Recessed 002XL profile.	21"	18-3/16" x 7/8" x 1/2" (462 mm x 22 mm x 13 mm)	6	352
LT2PX12V24-06W	Recessed 002XL profile.	24"	20-3/8" x 7/8" x 1/2" (518 mm x 22 mm x 13 mm)	6	394
LT2PX12V27-07W	Recessed 002XL profile.	27"	22-9/16" x 7/8" x 1/2" (573 mm x 22 mm x 13 mm)	7	436
LT2PX12V30-08W	Recessed 002XL profile.	30"	26-15/16" x 7/8" x 1/2" (684 mm x 22 mm x 13 mm)	8	521
LT2PX12V33-09W	Recessed 002XL profile.	33"	29-1/8" x 7/8" x 1/2" (740 mm x 22 mm x 13 mm)	9	563
LT2PX12V36-09W	Recessed 002XL profile.	36"	31-5/16" x 7/8" x 1/2" (795 mm x 22 mm x 13 mm)	9	605
LT2PX12V39-10W	Recessed 002XL profile.	39"	35-11/16" x 7/8" x 1/2" (906 mm x 22 mm x 13 mm)	10	690
LT2PX12V42-11W	Recessed 002XL profile.	42"	37-7/8" x 7/8" x 1/2" (962 mm x 22 mm x 13 mm)	11	732
LT2PX12V45-11W	Recessed 002XL profile.	45"	40-1/16" x 7/8" x 1/2" (1018 mm x 22 mm x 13 mm)	11	775
LT2PX12V48-12W	Recessed 002XL profile.	48"	44-7/16" x 7/8" x 1/2" (1129 mm x 22 mm x 13 mm)	12	859

LT2PX12V48-12W (Example part number for 12V TandemLED Series, Recessed 002XL Profile for a 48" cabinet)

COMPATIBLE POWER SUPPLIES

PART NUMBER	DESCRIPTION	DIMENSIONS
T-12W-12V-PI	12 watt AC/DC 2 prong plug-in, 12 volt DC 1 AMP. Class 2 rated.	2-15/16" x 1-3/16" x 1-13/16"
T-24W-12V-PI	24 watt AC/DC 2 prong plug-in, 12 volt DC 2 AMP. Class 2 rated.	3-11/16" x 1-7/8" x 1-5/16"
T-36W-12V-PI	36 watt AC/DC 2 prong plug-in, 12 volt DC 3 AMP. Class 2 rated.	3-3/4" x 2" x 1-5/16"
T-60W-12V-PI	60 watt AC/DC 2 prong plug-in, 12 volt DC 5 AMP. Class 2 rated.	5-1/8" x 2-1/16" x 1-1/4"
T-96W-12V-PI	96 watt AC/DC 3 prong plug-in, 12 volt DC 8 AMP.	5-1/2" x 2-3/8" x 1-3/8"
T-120W-12V-PI	120 watt AC/DC 3 prong plug-in, 12 volt DC 10 AMP.	6-3/8" x 2-11/16" x 1-1/4"
T-60W-12-WP-HW	60 watt, 12 volt IP67 rated waterproof LED hardwired. Class 2 rated.	6-1/2" x 1-5/8" x 1-1/4"
T-150W-12-WP-HW	150 watt, 12 volt IP67 rated waterproof LED hardwired.	7-3/8" x 2-3/8" x 1-1/2"
T-WAV-60W-PSR	60 watt AC/DC 2 prong plug-in, 12 volt DC 5 AMP with built in smart LED receiver. Class 2 rated.	7-1/4" x 2-7/8" x 1-5/8"
T-320W-12V-HW	320 watt 12 volt indoor industrial hardwired	8-1/2" x 4-1/2" x 2"

FEATURES

- 8 mm tape lighting pre-assembled in aluminum housing with frosted lens
- Tunable white light from Warm White to Daylight White and all shades of white in between
- Patented two-wire technology
- 88 diodes per foot
- Simple installation
- 90 CRI (Color Rendering Index – true color)
- No Ultraviolet (UV) or Infrared (IR)
- 30,000 hour LED life at 70% lumen maintenance
- Achieves “no dot” effect with frosted lens
- 12 volt DC plug-in or hardwired power supply required (order separately)
- UL/cUL Listed

APPLICATIONS

- Under Cabinet
- Interior Cabinet
- Outdoor
- Fixed & Floating Shelves
- Display Cases
- Stairway Treads

TECHNICAL INFORMATION

Series	12V TandemLED Linear Fixture Series
Input Voltage	12 volt DC
Color Temperature (Kelvin)	Tune to Warm White 2700K (27) to Daylight White 5000K (50) and all white color temperatures in between
CRI (Color Rendering Index)	90+
LED Type	2110 CCT
Lumens	218 lumens per foot
Max Run	Refer to power supply specs
Dimmable	5% – 100%
Rating	cULus Listed
Rated Life	30,000 hrs
LED Beam Angle	120°
LED Spacing	1/4"
Mounting	Double Stick Tape (included)
Wiring	20/2 stranded
Operating Temperature	-4°F to 140°F (-20°C to 60°C)
Environment	Damp, Wet, Dry locations
Construction Material	Heat-resistant 8mm PCB, micro-waterproof spray silicone IP65 rated, extruded aluminum, polycarbonate (lens)
Warranty	5 years

COMPATIBLE DIMMING SYSTEMS / SWITCHES

PART NUMBER	DESCRIPTION	DIMENSIONS
T-T-1Z-WC-RF-Color	TandemLED 1-Zone LED controller. On / Off / Dimmer. Use with WAV Smart Control.	2-5/8" x 1-5/16" x 3/8" (67 mm x 33 mm x 10 mm)
T-Q-1Z-WC-RF-Color	Uno 1-Zone LED controller. On / Off / Dimmer. Use with LED Receiver.	2-5/8" x 1-5/16" x 3/8" (67 mm x 33 mm x 10 mm)
T-Q-2Z-WC-RF-Color	Duo 2-Zone LED controller. On / Off / Dimmer. Use with LED Receiver.	2-5/8" x 1-5/16" x 3/8" (67 mm x 33 mm x 10 mm)
T-Q-4Z-WC-RF-Color	Quattro 4-Zone LED controller. On / Off / Dimmer. Use with LED Receiver.	2-5/8" x 1-5/16" x 3/8" (67 mm x 33 mm x 10 mm)
T-TWAV-WR-120	WAV 120 watt smart LED Receiver. Use with a Wireless Controller.	4-1/4" x 2-1/4" x 3/8" (108 mm x 57 mm x 22 mm)
T-TIL-96	TandemLED Wired Controller	3-9/16" x 1-9/16" x 7/8" (91 mm x 40 mm x 22 mm)

STRANDED WIRE

PART NUMBER	DESCRIPTION	OUTSIDE DIAMETER
T-CW20G-STR-25	25 ft. spool of 20/2 AWG 2 conductor, in-wall rated stranded wire.	1/8" (3 mm)
T-CW20G-STR-50	50 ft. spool of 20/2 AWG 2 conductor, in-wall rated stranded wire.	1/8" (3 mm)
T-CW20G-STR-100	100 ft. spool of 20/2 AWG 2 conductor, in-wall rated stranded wire.	1/8" (3 mm)
T-CW20G-STR-1	20/2 AWG 2 conductor, in-wall rated stranded wire. Specify the number of feet needed when ordering. Sold per foot. Must order a minimum of 2 ft.	1/8" (3 mm)

CONNECTORS

PART NUMBER	DESCRIPTION	DIMENSIONS
T-MBC	Male barrel to conductor screw-down connector. Use to add a female barrel connector to a pair of lead wires for connection to an LED light power supply or cable.	1-9/16" x 9/16" x 1/2" (40 mm x 14 mm x 13 mm)
T-FBC	Female barrel to conductor screw-down connector. Use in conjunction with male barrel connector to pair lead wires or to connect and rewire an LED light power supply cable.	1-9/16" x 9/16" x 1/2" (39 mm x 14 mm x 13 mm)
T-MPC	Male Plug Connector. Connect to output side of receiver for easy plug-and-play system.	6-1/2" overall length (165 mm)
T-FPC	Female Plug Connector. Connect to input side of receiver or into a Male Plug Connector for easy connection.	6-1/2" overall length (165 mm)
T-EZWC	EZ wire-to-wire connector. Must strip wire to insert into connector. Use to daisy chain fixtures in parallel runs or to connect around corners.	13/16" x 11/16" x 5/16" (20 mm x 18 mm x 8 mm)
T-3WSP	DC 3-way splitter plug. Use to connect multiple LED light fixtures to a dimming system.	16" overall length (406 mm) 8" length of one splice (203 mm)
T-JB-W	Mini plastic junction box for wires – white.	

ADDITIONAL (OPTIONAL) INSTALLATION COMPONENTS

PART NUMBER	DESCRIPTION	DIMENSIONS
L-APW-4298	3M™ adhesive promoter wipe – cleans the surface for a stronger tape lighting adhesive bond.	N/A
L-DSA200	164 ft. roll of waterproof 3M™ 300LSE high-bond adhesive tape for secure installation.	5/16" wide (8 mm)
T-AMP-180W	Use when powering more than 40 ft. of illumaLED single color tape lighting or RGB multi-color tape lighting. An additional power supply will be needed to operate the amplifier. NOTE: Not compatible with TandemLED™ products.	7" x 1-13/16" x 7/8" (178 mm x 46 mm x 22 mm)
L-002XL-FR-90	002XL extra depth recessed aluminum housing 90° – Frosted (FR) lens. Compatible with illumaLED 8 mm and 10 mm tape lighting for sturdy, dust-proof enclosure. This product is field-cuttable.	90" x 5/8" x 5/8" (2286 mm x 16 mm x 16 mm)

DECORA COVER PLATES

PART NUMBER	DESCRIPTION	DIMENSIONS
T-DPL-Color	Decora style cover plate to fit over Wireless Controller on wall. Use with TandemLED smart controller (T-T-1Z-WC-RF-Color), Uno 1-Zone Controller (T-Q-1Z-WC-RF-Color), Duo 2-Zone Controller (T-Q-2Z-WC-RF-Color), Quattro 4-Zone Controller (T-Q-4Z-WC-RF-Color), or RGB Controller (T-C-RGBWC-RF-Color) to install 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" (119 mm x 75 mm x 17 mm)