



### 007 Flat Profile Linear Fixture – 226 Lumens Per Foot

Part Number	Profile Type	Wall Cabinet Width	Fixture Dimensions	Watts per Fixture	Lumens Per Fixture
LT2P712V09-03W	Flat 007 profile.	9"	5-1/8" x 5/8" x 3/8" (130 mm x 15 mm x 10 mm)	3	99
LT2P712V12-03W	Flat 007 profile.	12"	7-5/16" x 5/8" x 3/8" (186 mm x 15 mm x 10 mm)	3	141
LT2P712V15-04W	Flat 007 profile.	15"	11-11/16" x 5/8" x 3/8" (297 mm x 15 mm x 10 mm)	4	226
LT2P712V18-05W	Flat 007 profile.	18"	13-7/8" x 5/8" x 3/8" (352 mm x 15 mm x 10 mm)	5	268
LT2P712V21-06W	Flat 007 profile.	21"	18-3/16" x 5/8" x 3/8" (462 mm x 15 mm x 10 mm)	6	352
LT2P712V24-06W	Flat 007 profile.	24"	20-3/8" x 5/8" x 3/8" (518 mm x 15 mm x 10 mm)	6	394
LT2P712V27-07W	Flat 007 profile.	27"	22-9/16" x 5/8" x 3/8" (573 mm x 15 mm x 10 mm)	7	436
LT2P712V30-08W	Flat 007 profile.	30"	26-15/16" x 5/8" x 3/8" (684 mm x 15 mm x 10 mm)	8	521
LT2P712V33-09W	Flat 007 profile.	33"	29-1/8" x 5/8" x 3/8" (740 mm x 15 mm x 10 mm)	9	563
LT2P712V36-09W	Flat 007 profile.	36"	31-5/16" x 5/8" x 3/8" (795 mm x 15 mm x 10 mm)	9	605
LT2P712V39-10W	Flat 007 profile.	39"	35-11/16" x 5/8" x 3/8" (906 mm x 15 mm x 10 mm)	10	690
LT2P712V42-11W	Flat 007 profile.	42"	37-7/8" x 5/8" x 3/8" (962 mm x 15 mm x 10 mm)	11	732
LT2P712V45-11W	Flat 007 profile.	45"	40-1/16" x 5/8" x 3/8" (1018 mm x 15 mm x 10 mm)	11	775
LT2P712V48-12W	Flat 007 profile.	48"	44-7/16" x 5/8" x 3/8" (1129 mm x 15 mm x 10 mm)	12	859

LT2P712V09-03W (Example part number for 12V TandemLED Series, Flat 007 Profile for a 9" 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
- Mounting clips included for installation

### APPLICATIONS

- Under Cabinet
- Interior Cabinet
- Stairs
- Display Cases
- Toe Kick/Soffit
- Outdoor

### TECHNICAL INFORMATION

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

### COMPATIBLE DIMMING SYSTEMS / SWITCHES

PART NUMBER	DESCRIPTION	DIMENSIONS
<b>T-T-1Z-WC-RF-Color</b>	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)
<b>T-Q-1Z-WC-RF-Color</b>	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)
<b>T-Q-2Z-WC-RF-Color</b>	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)
<b>T-Q-4Z-WC-RF-Color</b>	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)
<b>T-TWAV-WR-120</b>	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)
<b>T-TIL-96</b>	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. <b>NOTE:</b> Not compatible with TandemLED™ products.	7" x 1-13/16" x 7/8" (178 mm x 46 mm x 22 mm)
L-007-FR-48	007 flat aluminum housing 48" – Frosted (FR) lens. Compatible with illumaLED 8 mm and 10 mm tape lighting for sturdy, dust-proof enclosure. This product is field-cuttable.	48" x 5/8" x 5/8" (1219 mm x 16 mm x 16 mm)
L-007-FR-90	007 flat 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)

## MOUNTING CLIPS (Included)

PART NUMBER	DESCRIPTION	DIMENSIONS
L-MC-007	Mounting clip for L-007 aluminum housing – mounting screws included	5/8" wide (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)