



007 Flat Profile Linear Fixture – 101 Lumens Per Foot

Part Number	Profile Type	Wall Cabinet Width	Fixture Dimensions	Watts per Fixture	Lumens Per Fixture	Kelvin Temp.
LR1P712V09-02WTemp	Flat 007 profile.	9"	6-5/8" x 5/8" x 3/8" (168 mm x 15 mm x 10 mm)	2	53	3000K (3) 4000K (4)
LR1P712V12-02WTemp	Flat 007 profile.	12"	8-5/8" x 5/8" x 3/8" (219 mm x 15 mm x 10 mm)	2	69	3000K (3) 4000K (4)
LR1P712V15-02WTemp	Flat 007 profile.	15"	12-9/16" x 5/8" x 3/8" (319 mm x 15 mm x 10 mm)	2	101	3000K (3) 4000K (4)
LR1P712V18-03WTemp	Flat 007 profile.	18"	14-1/2" x 5/8" x 3/8" (368 mm x 15 mm x 10 mm)	3	116	3000K (3) 4000K (4)
LR1P712V21-03WTemp	Flat 007 profile.	21"	18-7/16" x 5/8" x 3/8" (468 mm x 15 mm x 10 mm)	3	148	3000K (3) 4000K (4)
LR1P712V24-03WTemp	Flat 007 profile.	24"	20-7/16" x 5/8" x 3/8" (519 mm x 15 mm x 10 mm)	3	164	3000K (3) 4000K (4)
LR1P712V27-04WTemp	Flat 007 profile.	27"	24-3/8" x 5/8" x 3/8" (619 mm x 15 mm x 10 mm)	4	195	3000K (3) 4000K (4)
LR1P712V30-04WTemp	Flat 007 profile.	30"	26-5/16" x 5/8" x 3/8" (668 mm x 15 mm x 10 mm)	4	211	3000K (3) 4000K (4)
LR1P712V33-05WTemp	Flat 007 profile.	33"	30-1/4" x 5/8" x 3/8" (768 mm x 15 mm x 10 mm)	5	242	3000K (3) 4000K (4)
LR1P712V36-05WTemp	Flat 007 profile.	36"	32-1/4" x 5/8" x 3/8" (819 mm x 15 mm x 10 mm)	5	258	3000K (3) 4000K (4)
LR1P712V39-05WTemp	Flat 007 profile.	39"	36-3/16" x 5/8" x 3/8" (919 mm x 15 mm x 10 mm)	5	290	3000K (3) 4000K (4)
LR1P712V42-06WTemp	Flat 007 profile.	42"	38-1/8" x 5/8" x 3/8" (968 mm x 15 mm x 10 mm)	6	305	3000K (3) 4000K (4)
LR1P712V45-06WTemp	Flat 007 profile.	45"	42-1/16" x 5/8" x 3/8" (1068 mm x 15 mm x 10 mm)	6	337	3000K (3) 4000K (4)
LR1P712V48-06WTemp	Flat 007 profile.	48"	44-1/16" x 5/8" x 3/8" (1119 mm x 15 mm x 10 mm)	6	353	3000K (3) 4000K (4)

Blue indicates dealer choice. Temp indicates Kelvin Temperature.

LR1P712V18-03W30 (Example part number for 12V Vivid Series, Flat 007 Profile for a 18" cabinet, Soft White 3000K Kelvin temperature)

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-DT24W-12V-HW	24 watt 12 volt DC dimmable LED hardwired. Class 2 rated.	13-3/4" x 3" x 1-5/8"
T-DT48W-12V-HW	48 watt 12 volt DC dimmable LED hardwired. Class 2 rated.	13-3/4" x 3" x 1-5/8"
T-DT60W-12V-HW	60 watt 12 volt DC dimmable class 2 LED hardwired. Class 2 rated.	13-3/4" x 3" x 1-5/8"
T-DT120W-12V-HW	120 watt 12 volt DC dimmable LED hardwired.	15" x 3-1/8" x 2-1/2"
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
- 18 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
- 12 volt DC plug-in or hardwired power supply required (order separately)
- UL/cUL Listed
- Available in Soft White 3000K (3) or Cool White 4000K (4)
- Mounting clips included for installation

APPLICATIONS

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

TECHNICAL INFORMATION

Series	12V Radiance Linear Fixture Series
Input Voltage	12 volt DC
Color Temperature (Kelvin)	Soft white 3000K (30) Cool white 4000K (40)
CRI (Color Rendering Index)	90+
LED Type	SMD2835
Lumens	101 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	3/8"
Mounting	Mounting Clips and Screws (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-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-Q-WR96	96 watt LED Receiver. Use with a Wireless Controller.	3-7/8" x 1-13/16" x 13/16" (95 mm x 37 mm x 20 mm)
T-Q-WR240	240 watt LED Receiver. Use with a Wireless Controller.	7" x 1-13/16" x 7/8" (178 mm x 46 mm x 20 mm)
T-DSS-30W-IR	Infrared (IR) door sensor switch.	3/8" x 1" x 1-1/4" (10 mm x 25 mm x 32 mm)
T-2HDSS-30W-IR	Infrared (IR) door sensor switch with two heads.	3/8" x 1" x 1-1/4" (10 mm x 25 mm x 32 mm)
T-MSS-60W	Motion sensor switch.	1/2" x 2-1/4" (13 mm x 57 mm)
T-PSS-60W-IR	Infrared (IR) sensor proximity switch.	2-1/4" x 3/8" (57 mm x 10 mm)
T-TDS-60W	LED touch dimmer.	3/8" x 2" x 2" (10 mm x 51 mm x 51 mm)
T-WSS-60W-IR	Infrared (IR) wave sensor switch.	2-1/4" x 3/8" (57.15mm x 9.5 mm)
DVLV-600P-Color	600W Diva slide dimmer.	4-11/16" x 2-15/16" x 1-5/16" (119 mm x 75 mm x 135 mm)
T-RS-BK	On / off round switch.	15/16" (24 mm)
T-WAV-AC120V-R	WAV 120 volt AC/AC Smart Receiver.	1-3/4" x 1-3/4" x 13/16" (44 mm x 44 mm x 21 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 illumLED 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-007-FR-48	007 flat aluminum housing 48" – Frosted (FR) lens. Compatible with illumLED 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 illumLED 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)