



24V Ordering Information

Sheet Dimensions	Watts Per Sheet	Lumens Per Sheet	Part Number
24" x 9" (609 mm x 228 mm)	15	1240	L-FSL-15W-Temp

ABOUT THE PRODUCT

- Sheet can be cut every 1-1/2" on the 24" side or at 4-1/2" on the 9" side
- Heat dissipation leaves the sheet cool through extended use
- Spacers are recommended when installing under a surface
- 24-volt DC plug-in or hardwired power supply required (order separately)
- Dimmable (with compatible dimmer)
- No Ultraviolet (UV) or Infrared (IR)
- Compatible with WAV Smart Control™ devices
- 50,000 hour LED life at 70% lumen maintenance
- UL listed

APPLICATIONS

Back-light for sign application

Illuminate translucent counter tops

Architectural lighting

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

TECHNICAL INFORMATION

Input Voltage	24-volt DC
Color Temperature (Kelvin)	3400K (34) 4000K (40) 6000K (60)
CRI (Color Rendering Index)	90+
LED Type	SMD2216
Lumens	1240 lumens per sheet
Max Load Capacity	Refer to power supply specs
Max Run	5 continuous full sheets
Dimmable	5%–100%
Rating	UL Recognized
Rated Life	50,000 hrs
LED Beam Angle	120°
Mounting	Spray adhesive, double-sided tape, or mounting screws
Wiring	20/2 solid
Operating Temperature	-4°F to 140°F (-20°C to 60°C)
Environment	Dry locations
Construction Material	Flexible PCB
Warranty	5 years

COMPATIBLE POWER SUPPLIES

Part Number	Description	Dimensions
T-24V-24W-PI	24-watt AC/DC 2 prong plug-in, 24-volt DC 1-amp, compatible with 24-volt LED lighting, the wireless dimming system, and listed switches.	3-1/8" x 1-3/4" x 1-3/16"
T-24V-60W-PI	60-watt AC/DC 2 prong plug-in, 24-volt DC 2-amp, compatible with 24-volt LED lighting, the wireless dimming system, and listed switches.	4-3/8" x 1-15/16" x 1-3/16"
T-24V-120W-PI	120-watt AC/DC 2 prong plug-in, 24-volt DC 5-amp, compatible with 24-volt LED lighting, the wireless dimming system, and listed switches.	6-5/16" x 2-11/16" x 1-1/4"
T-24V-DT30W-HW	30-watt, 24-volt hardwired power supply, compatible with 24-volt LED lighting, the wireless dimming system, and listed switches.	13-13/16" x 3" x 1-1/2"
T-24V-DT60W-HW	60-watt, 24-volt hardwired power supply, compatible with 24-volt LED lighting, the wireless dimming system, and listed switches.	13-13/16" x 3" x 1-1/2"
T-24V-DT120W-HW	120-watt, 24-volt hardwired power supply, compatible with 24-volt LED lighting, the wireless dimming system, and listed switches.	15" x 3" x 2-1/4"
T-DQ75W-24V-HW	75-watt, 24-volt DC RF CV hardwired power supply with built-in wireless receiver. Purchase wireless controller separately, can be hardwired or installed with a power cord plugged into an outlet.	19-1/8" x 1-3/16" x 13/16"

RECEIVERS FOR WIRELESS DIMMING SYSTEM

Part Number	Description	Dimensions
T-Q-WR96	96-watt LED receiver. Use one LED receiver per zone, and pair with an Uno 1-Zone Controller (T-Q-1Z-WC-RF-Color), Duo 2-Zone Controller (T-Q-2Z-WC-RF-Color), or Quattro 4-Zone Controller (T-Q-4Z-WC-RF-Color) to control on/off and dimming in each lighting zone.	3-7/8" x 1-13/16" x 13/16"
T-Q-WR240	240-watt LED receiver. Use one LED Receiver per zone, and pair with an Uno 1-Zone Controller (T-Q-1Z-WC-RF-Color), Duo 2-Zone Controller (T-Q-2Z-WC-RF-Color), or Quattro 4-Zone Controller (T-Q-4Z-WC-RF-Color) to control on/off/dimming in each lighting zone.	7" x 1-13/16" x 7/8"
T-TWAV-WR-120	WAV 120-watt Smart Receiver. Allows you to use a wireless controller, an app, or voice to control lights. Use with an Uno 1-Zone Controller (T-Q-1Z-WC-RF-Color), Duo 2-Zone Controller (T-Q-2Z-WC-RF-Color), or Quattro 4-Zone Controller (T-Q-4Z-WC-RF-Color) to control on/off and dimming in each lighting zone. Smart home hub not included.	4-1/4" x 2-1/4" x 3/8"

COMPATIBLE DIMMING CONTROLLERS

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"
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"
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"

COMPATIBLE SWITCHES (if not using secondary dimming system)

Part Number	Description	Dimensions
T-DSS-30W-IR	Infrared (IR) door sensor switch.	3/8" x 1" x 1-1/4"
T-2HDSS-30W-IR	Infrared (IR) door sensor switch with two heads	3/8" x 1" x 1-1/4"
T-MSS-60W	Motion sensor switch	1/2" x 2-1/4"
T-PSS-60W-IR	Infrared (IR) sensor proximity switch.	2-1/4" x 3/8"
T-WSS-60W-IR	Infrared (IR) wave sensor switch	2-1/4" x 3/8"
T-RS-BK	On / off round switch	15/16"

INSTALLATION ACCESSORIES

Part Number	Description	Dimensions
L-FSL-B-.56-CL	.56" rubber bumper/spacer—Clear	.56" x .72"
L-FSL-B-.75-CL	.75" rubber bumper/spacer—Clear	.75" x .75"
L-APW-4298	3M™ adhesion promoter wipe cleans the surface for a stronger tape lighting adhesion bond	N/A
L-DSA200	Waterproof 3M™ 300LSE high-bond, double-sided adhesion tape for secure installation	5/16" wide

SOLID WIRE

Part Number	Description	Dimensions
T-CW20G-SOL-25	25 ft. spool of 20/2 AWG solid wire	1/8"
T-CW20G-SOL-50	50 ft. spool of 20/2 AWG solid wire	1/8"
T-CW20G-SOL-100	100 ft. spool of 20/2 AWG solid wire	1/8"
T-CW20G-SOL-1	20/2 AWG solid wire. Specify the number of feet needed when ordering. Sold per foot. Must order a minimum of 2 ft.	1/8"

COVER PLATES FOR WIRELESS CONTROLLERS

Part Number	Description	Dimensions
T-DPL-Color	Decora-style cover plate to fit over Wireless Controller on wall. Use with tunable-white 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)