



PLC LED TROFFER LIGHT

JL-TRF22-PLC40W-CCT | JL-TRF24-PLC72W-CCT

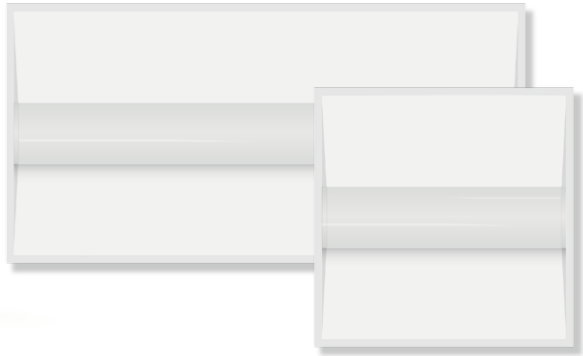
DESCRIPTION

2' x 2' | 2' x 4' PLC LED Troffer light | 135lm/W | PLC Smart Switch(Matter)-Applicable

Used with PLC Smart Switch(Matter)

ADJUSTABLE CCT 2700K-6500K

ADJUSTABLE WATTAGE 5-100%



CONSTRUCTION

Constructed of one-piece ribbed unitized housing and corners that interlock, preventing damage to luminaire. All sides and corners are turned in and hemmed, removing sharp edges for safe handling and installation.

ELECTRICAL

Available as 120-277V input.

PLC Smart Switch(Matter)-Applicable

Matter-Certified

Regardless of brand, all Matter-certified devices can work together. Matter devices can be controlled by most major smart home platforms.

Support Matter over Wi-Fi, seamlessly integrating with Alexa, Google Home, and Apple Home etc for effortless voice, app, and Schedules automated control.

Easy Control

Turn on/off,

Smooth Dimming(5%-100%),

Smooth Adjustable Color Temperature(2700K-6500K)

Three Scene Mode-Work mode/Leisure mode/Night light mode (Can be changed indeed)

LISTING

ETL, DLC

WARRANTY

5 Years Limited Warranty, Rated for 50,000 hours (Refer to your warranty documentation for more information.)

FEATURES

Size	2'x2' / 2'x4'
Wattage	2'x2': 40W(5%-100% Smooth Adjustable)
Use PLC Smart Switch(Matter)	2'x4': 72W(5%-100% Smooth Adjustable)
CCT	2700K-6500K(Smooth Adjustable)
Use PLC Smart Switch(Matter)	
Efficiency	135lm/W
Lumens	2'x2': Max 5400lm 2'x4': Max 9720lm
Beam Angle	120°
Input Voltage	120-277V AC
Frequency Range	50/60Hz
CRI	>80
PF	>0.9
THD	<=20%
Lifetime	50,000 hours
Operating Temperature	-4°F to 113°F (-20°C to 45°C)



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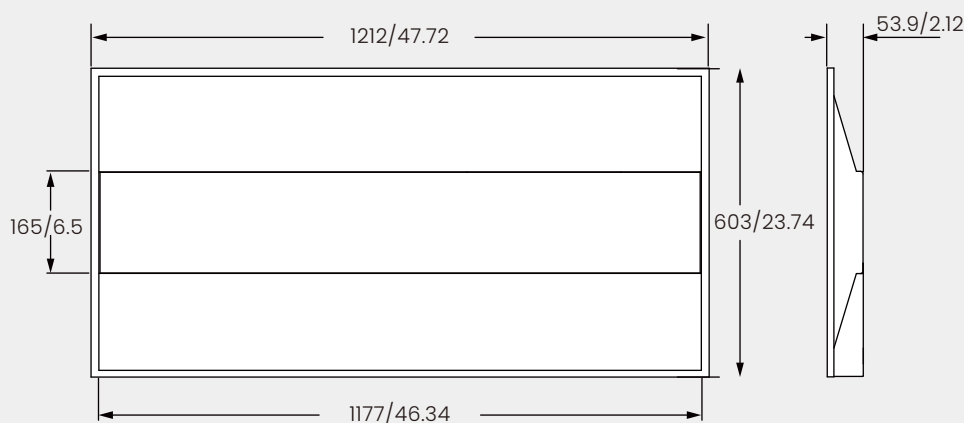
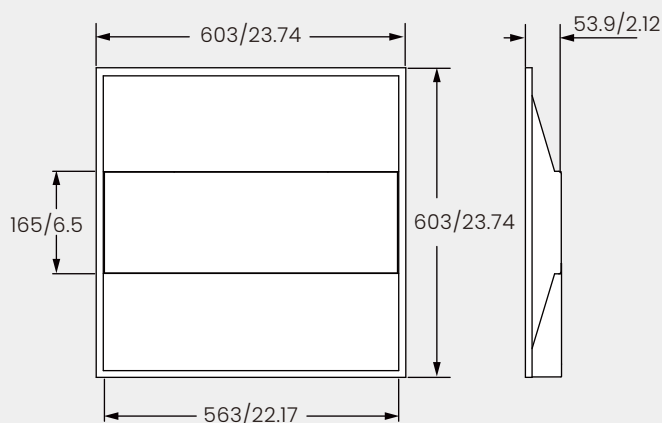
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ORDERING INFORMATION

Model	Size	Wattage (With PLC Smart Switch)	Voltage	Lumens	Efficacy	CCT (With PLC Smart Switch)	Certifications
JL-TRF22-PLC40W-CCT	2x2	40W (5%-100% Smooth Adjustable)	120-277V	5400lm	135lm/W	2700K-6500K (Smooth Adjustable)	ETL/DLC
JL-TRF24-PLC72W-CCT	2x4	72W (5%-100% Smooth Adjustable)	120-277V	9720lm	135lm/W	2700K-6500K (Smooth Adjustable)	ETL/DLC

PHYSICAL SPECIFICATIONS

Unit: mm/inch



Dimensional tolerances: (+1.5mm, -1.0mm)



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Used with PLC Smart Switch(Matter)

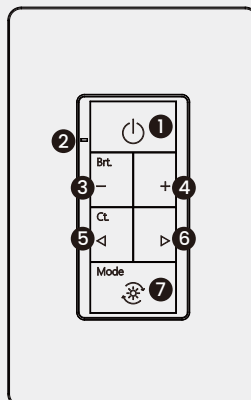


Matter-Certified

Regardless of brand, all Matter-certified devices can work together. Matter devices can be controlled by most major smart home platforms. Works with more smart home devices than any other smart lighting control brand



- ① **ON/OFF**
Press to toggle the light on and off.
- ② **Status LED**
Provides connectivity and device status feedback.
- ③ **Brt. - (Darker)**
Dim lights.
- ④ **Brt. + (Brighter)**
Brighten lights.
- ⑤ **Ct. < (Warm)**
Decrease CCT.
- ⑥ **Ct. > (White)**
Increase CCT.
- ⑦ **Mode**
With 3 scene modes adjustable.



Voice Control
(*Smart speaker - sold separately)



Remote App Control

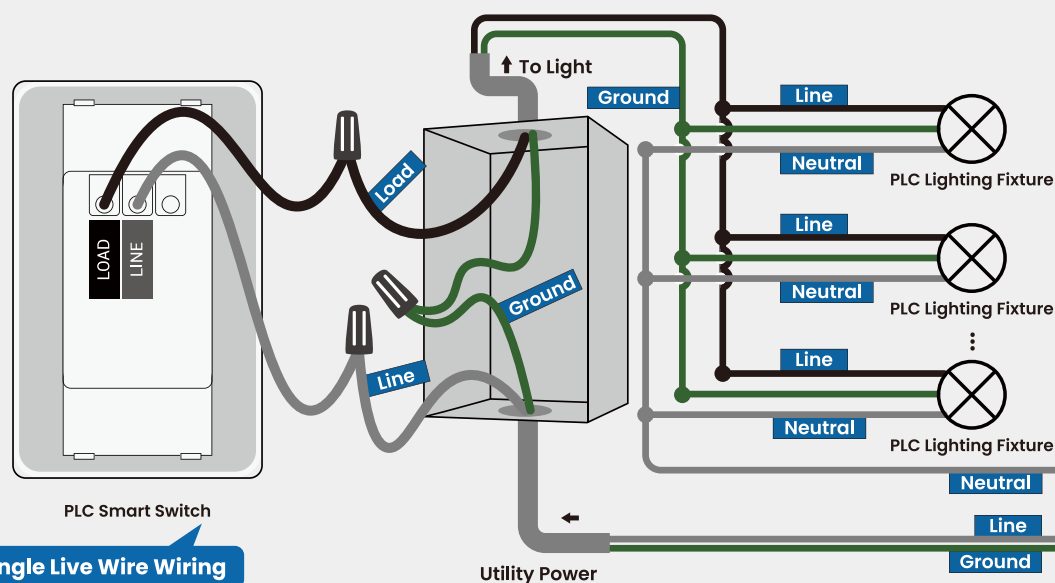


Scheduling & Timer



The PLC LED Troffer Light must be paired with PLC Smart Switch(Matter), if not the Brightness, color temperature, and the smart control capabilities can not be implemented.

Wire Diagram



MAX CONNECT TOTAL WATTAGE

	7z120-F361WTD1	7z120-F381WTD1
120-277Vac 50/60Hz	≤600W/5.1A	≤800W/6.8A



For safety standards, do not connect more than the rated power of the PLC Smart Switch(Matter).