



Project Name: _____

Schedule / Date: _____

Notes: _____



ETL No.: Intertek **5014001**

DLC Family Code: **CCCINQ**

Improved **Thermal Management**

Flicker Free and Anti-Glare

True **100% OFF 0-10V** Dimming

AUX PIR / DC PnP Microwave **Occupancy**
Controls with **Daylight Sensing**, **Customizable**
Standby and **Bi-Level** Functionality

ETL Certified for Safety

DLC 5.1 Premium Rated for Efficiency

CRI: **83** (Upgraded Color Rendering Index)

Warranty: **5 Year**

ORDERING GUIDE

SERIES	CATEGORY	SIZE	WATTAGE	CCT	SENSOR	VOLTAGE
JL	TRF Troffer	14 1x4' 22 2x2'	ZZ Tunable 15 15w 20 20w 25 25w 30 30w 40 40w	CCT Tunable 35 3500k 40 4000k 50 5000k 57 5700k 65 6500k	Blank None S Sensor	VL 120-277V VH 120-347V

EXAMPLE: **JL-TRF22-M40W-CCT-S-VL**

JL	TRF Troffer	24 2x4'	ZZ Tunable 30 30w 40 40w 50 50w 60 60w 72 72w	CCT Tunable 35 3500k 40 4000k 50 5000k 57 5700k 65 6500k	Blank None S Sensor	VL 120-277V VH 120-347V
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EXAMPLE: **JL-TRF24-M72W-CCT-S-VL**



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SPECIFICATIONS

SKU	53-3323-XX					53-3325-XX					53-3324-XX				
MODEL NO.	JL-TRF22-M40W-CCT-S-[VL,VH]					JL-TRF14-M40W-CCT-S-[VL,VH]					JL-TRF24-M72W-CCT-S-[VL,VH]				
Brand	Kinlight					Kinlight					Kinlight				
Size	2' x 2'					1' x 4'					2' x 4'				
DLC No.	S-TC55HS					S-RFQH62					S-JKVNK8				
Wattage	15w	20w	25w	30w	40w	30w	40w	50w	60w	72w	30w	40w	50w	60w	72w
Efficacy	140 LPW					140 LPW					140 LPW				
Luminous Flux	2100	2800	3500	4200	5600	4200	5600	7000	8400	10080	4200	5600	7000	8400	10080
Input @120V	131mA	175mA	219mA	263mA	350mA	263mA	350mA	438mA	526mA	631mA	263mA	350mA	438mA	526mA	631mA
12Vdc Output	Max Current 200mA					Max Current 200mA					Max Current 200mA				
Color Temp.	3500K 4000K 5000K 5700K 6500K					3500K 4000K 5000K 5700K 6500K					3500K 4000K 5000K 5700K 6500K				
Input Voltage	AC120-277V, 50/60Hz					AC120-277V, 50/60Hz					AC120-277V, 50/60Hz				
Dimmable	0-10V (True Off)					0-10V (True Off)					0-10V (True Off)				
CRI	83					83					83				
Beam Angle (°)	110°					110°					110°				
THD	≤20%					≤20%					≤20%				
Flicker	No Flicker					No Flicker					No Flicker				
Power Factor	≥0.9					≥0.9					≥0.9				
IP Rate	IP20 - Indoor					IP20 - Indoor					IP20 - Indoor				
Working Temp.	-20°C ~ +55°C / -4°F ~ +131°F					-20°C ~ +55°C / -4°F ~ +131°F					-20°C ~ +55°C / -4°F ~ +131°F				
Storage Temp.	-40°C ~ +60°C / -40°F ~ +140°F					-40°C ~ +60°C / -40°F ~ +140°F					-40°C ~ +60°C / -40°F ~ +140°F				
Lifespan	50,000h					50,000h					50,000h				
Pcs/Carton	4					4					4				
Package Dims	24.61" x 8.58" x 25.08"					49.41" x 4.72" x 13.58"					48.62" x 8.58" x 25.08"				
Weight	23.15 LBS					LBS					46.36 LBS				



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PRODUCT AND CARTON DIMENSIONS

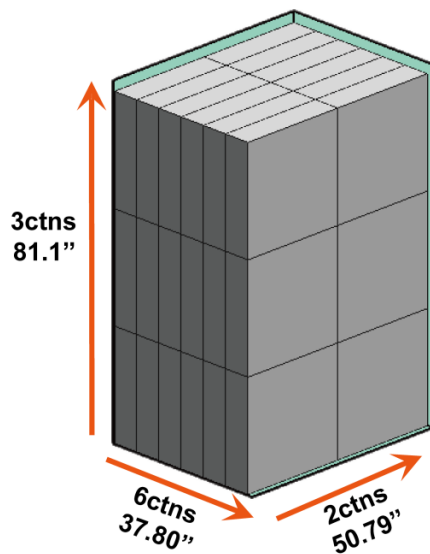
SIZE SKU	DIAGRAM	DIMENSIONS
2x4 53-3321-XX		PRODUCT 47.72" x 23.74 x 2.12" 9.55 LBS 1 Pcs CARTON 48.62" x 8.58" x 25.08" 46.36 LBS 4 Pcs
2x2 53-3320-XX		PRODUCT 23.74" x 23.74 x 2.12" 4.97 LBS 1 Pcs CARTON 24.61" x 8.58" x 25.08" 23.15 LBS 4 Pcs
1x4 53-3322-XX		PRODUCT 47.72" x 11.93 x 1.82" 6.65 LBS 1 Pcs CARTON

PALLET & CONTAINER LOADING

SIZE SKU	WEIGHT	LENGTH	WIDTH	HEIGHT	40' HQ LOADING QTY.
2x2 53-3323	770	81.1	37.80	81.1	3000 pcs
2x4 53-3324	591	81.1	37.80	81.1	1516 pcs
1x4 53-3325	446	81.1	37.80	78.6	3000 pcs

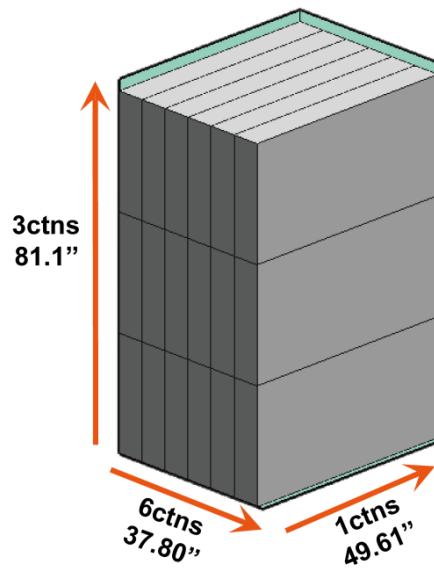
2' x 2'

50 ctns/100 pcs



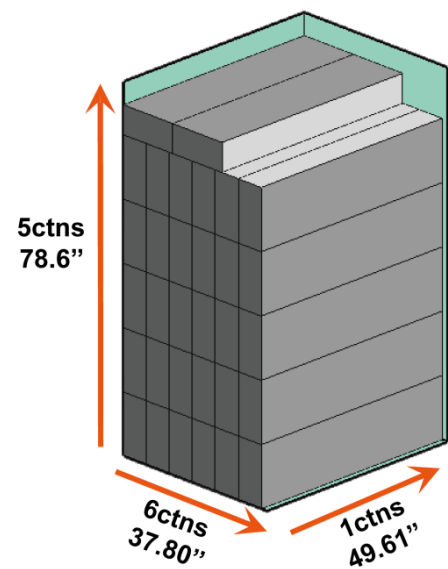
2' x 4'

25 ctns/50 pcs



1' x 4'

22 ctns/44 pcs



The above simulation diagram does not calculate the height and weight of the pallet, and the size and weight information will be slightly different from the actual situation.



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ACCESSORIES

SKU	DESCRIPTION	ITEM
78-20179-B	DC PnP Sensor Daylight Bi-Level Standby	
78-20178-A	Remote with display	
53-2089A	Hanging Cable Kit	
53-3314	2x4' Surface Mount Kit	
53-3315	2x2' Surface Mount Kit	
53-3316	1x4' Surface Mount Kit	

INSTALLATION INSTRUCTIONS

Safety Instruction

Basic safety precautions should always be followed when installing, including the following:

1. Read instructions carefully before installing.
2. This LED Troffer requires professional installation and maintenance.
The troffer should be installed by a licensed electrician.
3. The power supply of the LED Troffer should be powered by a dedicated external LED driver.
4. Disconnect the power supply before installing or maintenance.
5. Make sure the wires have been properly connected before powering on the device.
6. Ensure the product has enough space for heat dissipation.
7. Ensure the luminaries are never covered by any heat insulation mat or slim layer material at anytime.
8. Suitable for damp locations.
9. Ambient temperature: -25°C to $+45^{\circ}\text{C}$, avoid direct sunlight.
10. Storage conditions: Cool & dry conditons.

Instruction Procedure

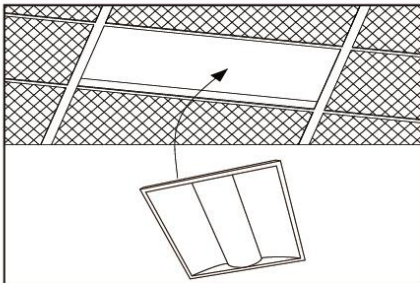
Warning:

1. Switch off before installation.
2. Switch on only after complete installation and examination of the circuit.

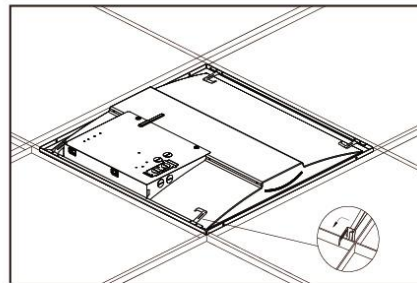
Caution:

Make sure that the mounting surface or structural member used for installation can support the weight of LED Troffer.

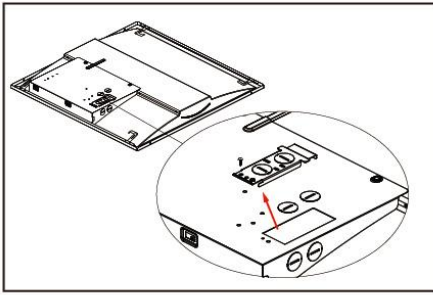
Step 1. Replace existing lighting fixture from ceiling with LED Troffer.



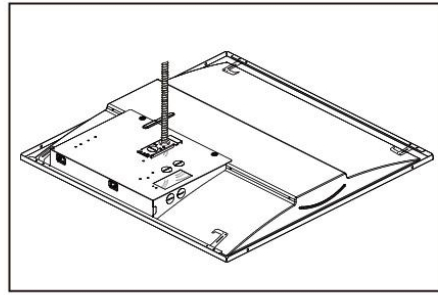
Step 2. Use the protective brackets for the sake of safety.



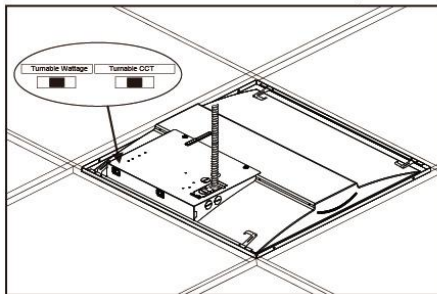
Step 3. Unscrew the driver cover.



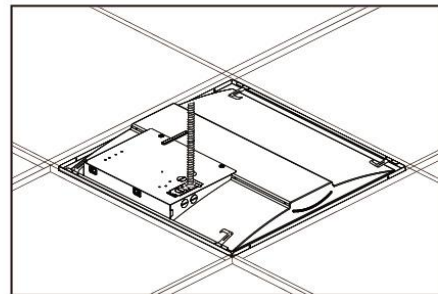
Step 4. Connect other wires separately.



Step 5. Select the CCT and wattage you want. (Ignore these steps if without the function).



Step 6. Put on the driver cover and fix with screw.



Built-in motion sensor

