



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	CCT   Tunable	Blank   None S   Sensor	VL   120-277V VH   120-347V
			15   15w	35   3500k		
			20   20w	40   4000k		
			25   25w	50   5000k		
			30   30w	57   5700k		
			40   40w	65   6500k		

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

JL	TRF   Troffer	24   2x4'	ZZ   Tunable	CCT   Tunable	Blank   None S   Sensor	VL   120-277V VH   120-347V
			25   25w	35   3500k		
			30   30w	40   4000k		
			35   35w	50   5000k		
			40   40w	57   5700k		
			50   50w	65   6500k		

EXAMPLE: **JL-TRF24-ZZW-CCT-S-VL**



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## SPECIFICATIONS

SKU	53-3320-XX					53-3322-XX					53-3321-XX				
MODEL NO.	JL-TRF22-ZZW-CCT-S-[VL,VH]					JL-TRF14-ZZW-CCT-S-[VL,VH]					JL-TRF24-ZZW-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-6PW49C				
Wattage	15w	20w	25w	30w	40w	25w	30w	35w	40w	50w	25w	30w	35w	40w	50w
Efficacy	140 LPW										140 LPW				
Luminous Flux	2100	2800	3500	4200	5600	3500	4200	4900	5600	7000	3500	4200	4900	5600	7000
Input @120V	131mA	175mA	219mA	263mA	350mA	219mA	263mA	307mA	350mA	526mA	219mA	263mA	307mA	350mA	526mA
12Vdc Output	Max Current 200mA										Max Current 200mA				
Color Temp.	3500K   4000K   5000K   5700K   6500K										3500K   4000K   5000K   5700K   6500K				
Input Voltage	AC120-277V, 50/60Hz										AC120-277V, 50/60Hz				
Dimmable	0-10V (True Off)										0-10V (True Off)				
CRI	83										83				
Beam Angle (°)	110°										110°				
THD	≤20%										≤20%				
Flicker	No Flicker										No Flicker				
Power Factor	≥0.9										≥0.9				
IP Rate	IP20 - Indoor										IP20 - Indoor				
Working Temp.	-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				
Lifespan	50,000h										50,000h				
Pcs/Carton	2										2				
Package Dims	25.40" x 4.72" x 25.40"					49.41" x 4.72" x 13.58"					49.41" x 4.72" x 25.40"				
Weight	12.52 LBS					15.39 LBS					23.63 LBS				



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\_\_\_\_\_

## PRODUCT AND CARTON DIMENSIONS

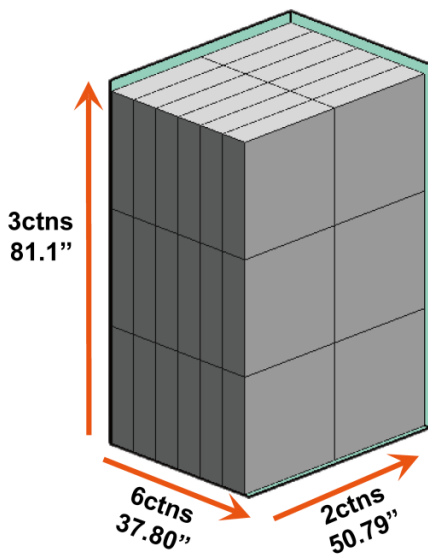
SIZE   SKU	DIAGRAM	DIMENSIONS
<b>2x4   53-3321-XX</b>		<p><b>PRODUCT</b>            47.72" x 23.74 x 2.12"            9.55 LBS   1 Pcs</p> <p><b>CARTON</b>            49.41" x 25.40" x 4.72"            23.63 LBS   4 Pcs</p>
<b>2x2   53-3320-XX</b>		<p><b>PRODUCT</b>            23.74" x 23.74 x 2.12"            4.97 LBS   1 Pcs</p> <p><b>CARTON</b>            25.40" x 25.40" x 4.72"            15.39 LBS   4 Pcs</p>
<b>1x4   53-3322-XX</b>		<p><b>PRODUCT</b>            47.72" x 11.93 x 1.82"            6.65 LBS   1 Pcs</p> <p><b>CARTON</b>            49.41" x 13.58" x 4.72"            20.26 LBS   4 Pcs</p>

## PALLET & CONTAINER LOADING

SIZE   SKU	WEIGHT	LENGTH	WIDTH	HEIGHT	40' HQ LOADING QTY.
2x2   53-3320	770	81.1	37.80	81.1	2680 pcs
2x4   53-3321	591	81.1	37.80	81.1	1366 pcs
1x4   53-3322	446	81.1	37.80	78.6	2600 pcs

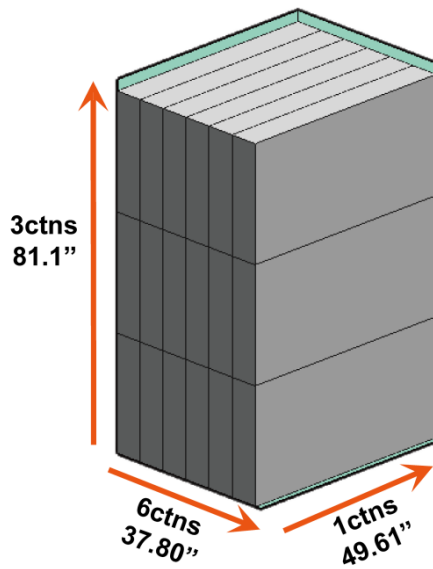
2' x 2'

50 ctns/100 pcs



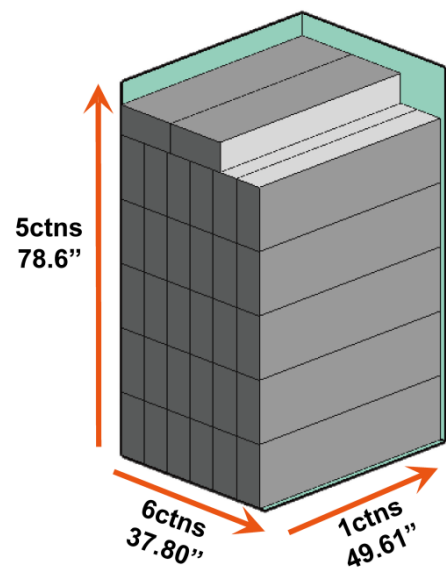
2' x 4'

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
78-20177-A	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:  $-25^{\circ}\text{C}$  to  $+45^{\circ}\text{C}$ , avoid direct sunlight.
10. Storage conditions: Cool & dry conditons.

## Instruction Procedure

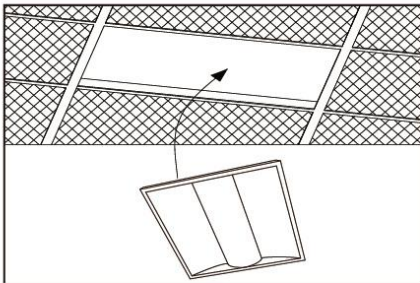
### Warning:

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

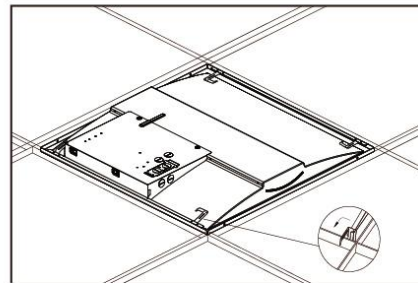
### Caution:

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

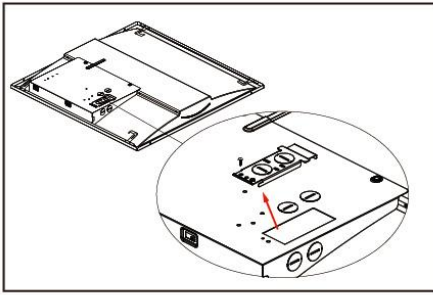
Step 1. Replace existing lighting fixture from ceiling with LED Troffer.



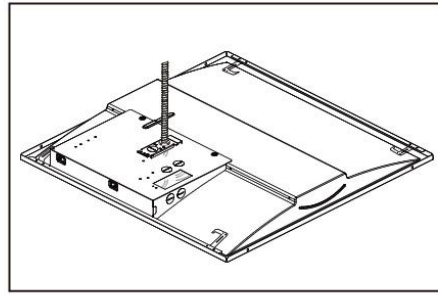
Step 2. Use the protective brackets for the sake of safety.



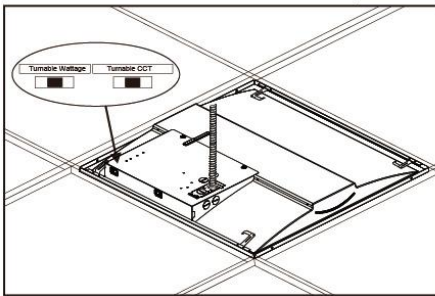
Step 3. Unscrew the driver cover.



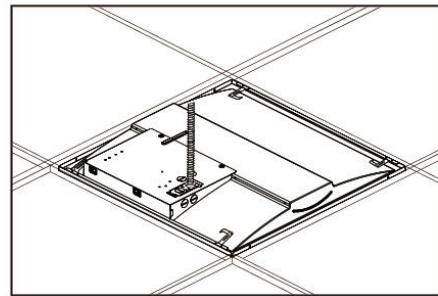
Step 4. Connect other wires separately.



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

