



LED TROFFER LIGHT



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Power&CCTTunable

APPLICATIONS: Education, healthcare and office.



PRODUCT SPECIFICATIONS

- Delivering up to 150LPW
- CRI: $Ra \geq 80$
- CCT Tunable: 3000K / 3500K / 4000K / 5000K / 6500K
- 5 different power tunable
- Dimmable: 0-10V
- Smooth and comfortable light, no glare
- Estimated Lifetime @ 25°C: > 54,000 hours
- Power Factor: > 0.95
- Total Harmonic Distortion: < 20% at full load
- Limited Warranty: 5 years
- Microwave induction and Bluetooth control are optional
- Operating Temperature Range: -22°F to 104°F (-30°C to 40°C)

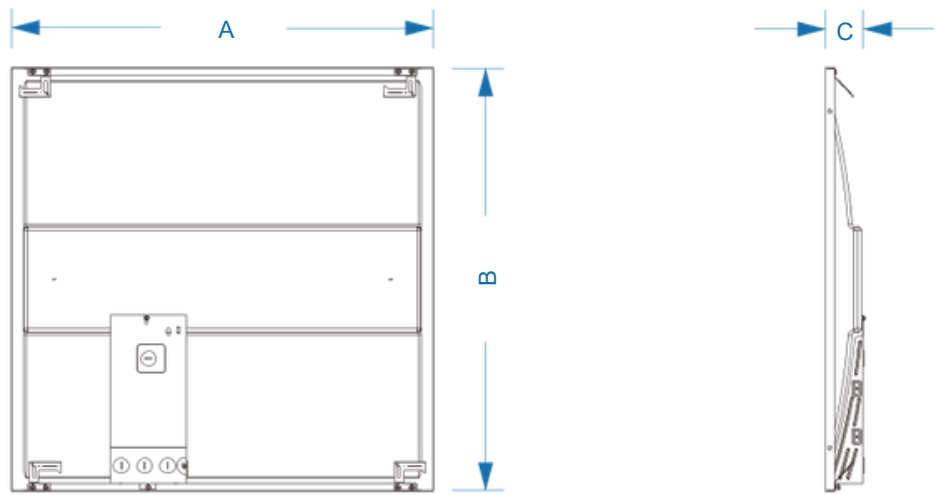
ORDERING INFORMATION

	SIZE	INPUT VOLTAGE	POWER (TUNABLE)	CCT (TUNABLE)	CRI	LUMINOUS EFFICIENCY	DIMMABLE	LIMITED WARRANTY
	2x2 FT	120-277VAC	20W/25W/30W/35W/40W	3000K 3500K 4000K 5000K 6500K	$Ra > 80$	150lm/W	0-10V	5 years
	2x4 FT		30W/40W/50W/60W/72W					

FIXTURE SPECIFICATIONS

HOUSING	White high-strength metal frame, seamlessly
LENS ASSEMBLY	Polycarbonate diffuser prevents shadows and glare, while providing uniform illumination
MOUNTING	Recessed Installs into conventional grid ceilings
RECOMMENDED USE	Offices / Educational & Retail / Commercial & Institutional

PRODUCT DIMENSIONS

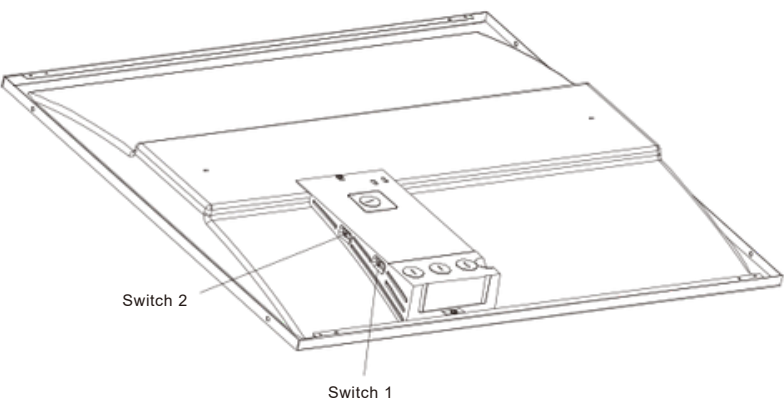


	SIZE	A(inch)(mm)	B(inch)(mm)	C(inch)(mm)
	2x2 FT	23.74 "(603mm)	23.74 "(603mm)	1.97 "(50mm)
	2x4 FT	47.75 "(1213mm)	23.74 "(603mm)	1.97 "(50mm)

LUMINAIRE AND ELECTRICAL PERFORMANCE

OPERATING TEMPERATURE RANGE	ESTIMATED LIFETIME @ 25°C (77°F)	POWER FACTOR	TOTAL HARMONIC DISTORTION	DIMMABLE
-22°F to 104°F (-30°C to 40°C)	54,000 hours	>0.95 at full load	<20% at full load	0-10V Dimming

POWER&CCT TUNABLE



POWER TUNABLE(SWITCH1)

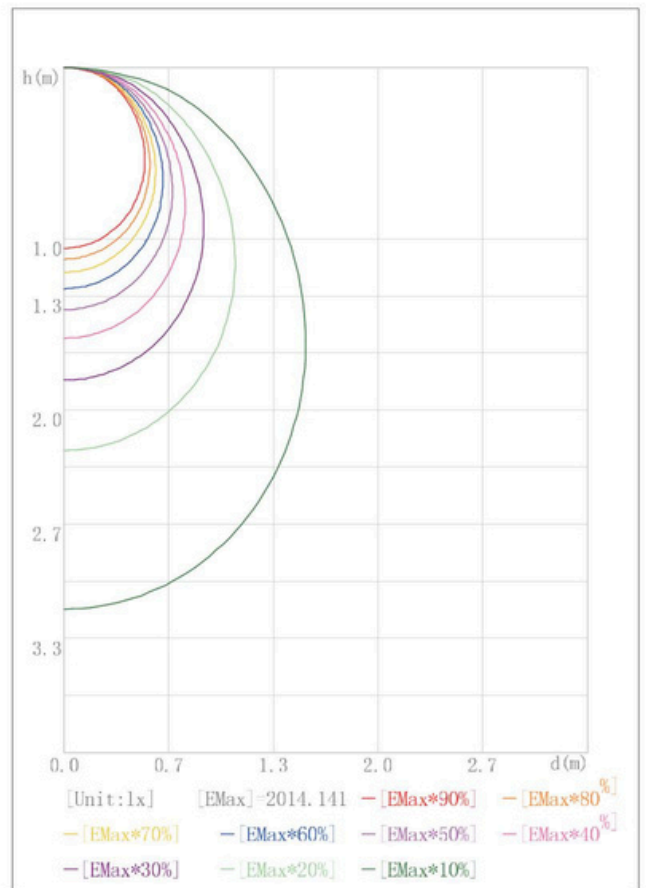
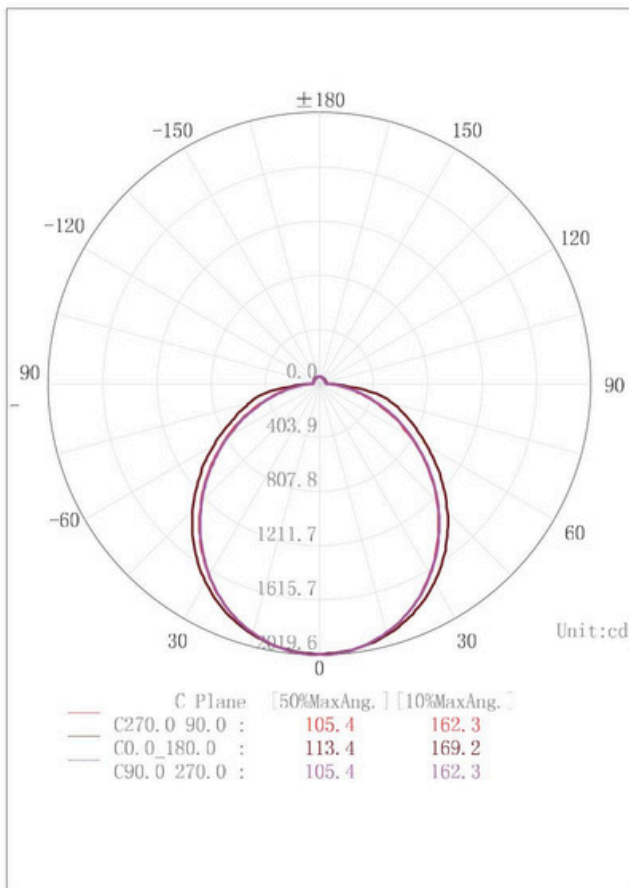
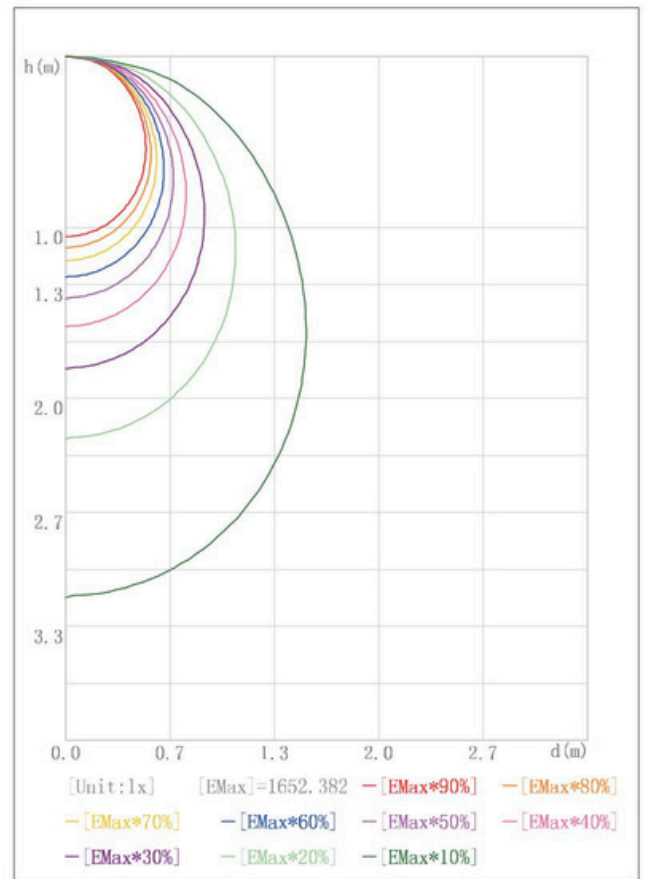
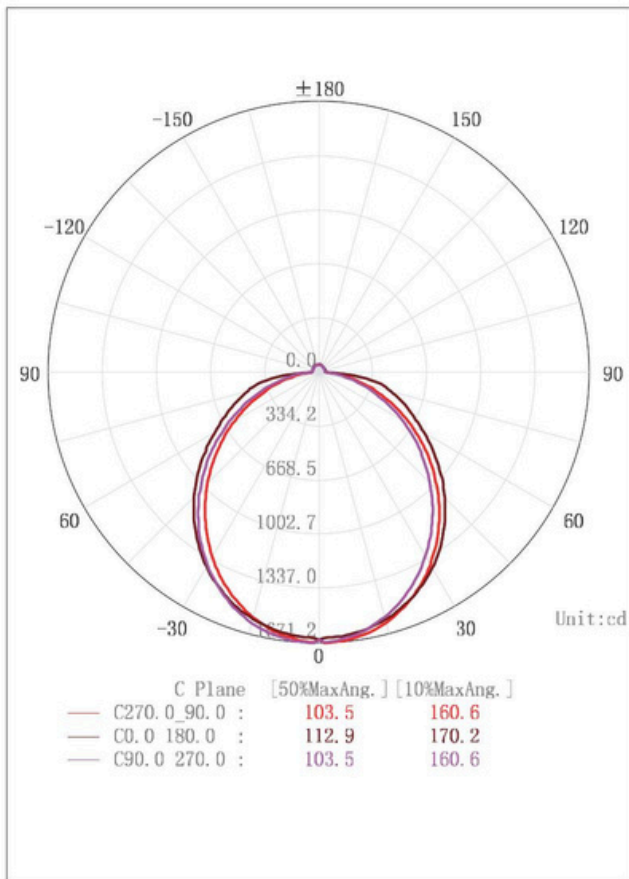
- 20W 25W 30W 35W 40W

POWER TUNABLE(SWITCH1)

- 30W 40W 50W 60W 72W

CCT TUNABLE(SWITCH2)

- 3000K 3500K 4000K 5000K 6500K



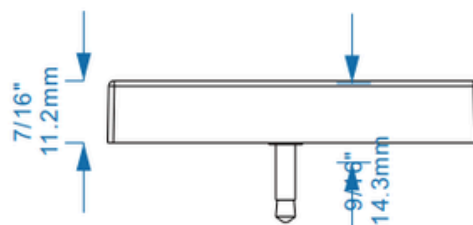
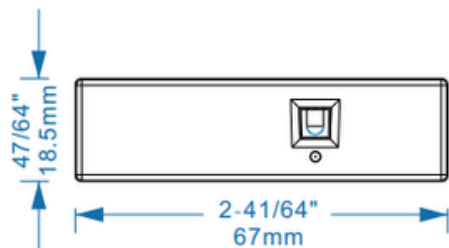
ACCESSORIES (OPTIONAL)

	MICROWAVE MOTION SENSOR PLUG & PLAY INFRARED REMOTE CONTROL
	MICROWAVE MOTION SENSOR PLUG & PLAY

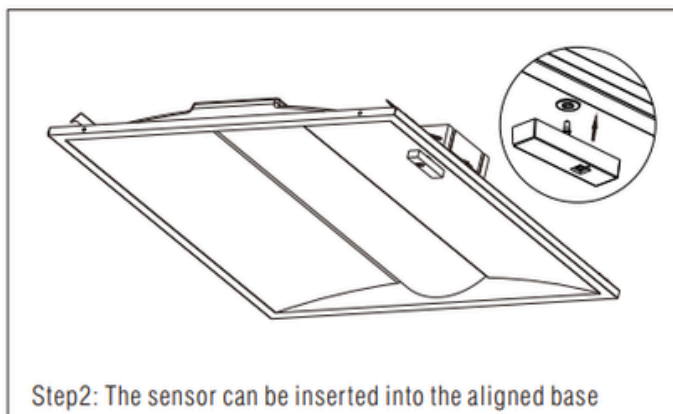
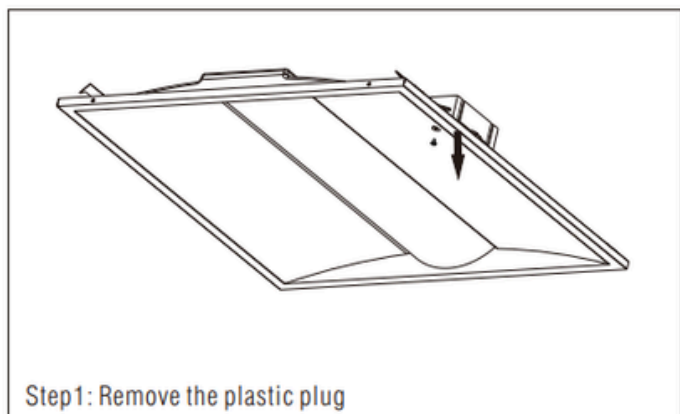
MICROWAVE MOTION SENSOR PARAMETERS

FREQUENCY	5.8GHz±75MHz
MICROWAVE POWER	<0.3mW
INSTALLATION HEIGHT	6m/19.68ft Max
DETECTION DISTANCE	≥3m/9ft
DETECTION ANGLE	30-150°
DETECTION AREA	25% / 50% / 75% / 100%
HOLDTIME	Remote control Options: 5s/ 30s/ 1min/ 3min/ 5min/ 10min/ 20min/ 30min APP Control Options: 5s/ 30s/ 1min/ 2min/ 3min/ 5min/ 10min/ 15min/ 20min/25min/ 30min/ 45min/ 60min/ 90min/ 120min
DAYLIGHT THRESHOLD	Disable/400Lux/350Lux/300Lux/250Lux/200Lux/120Lux/80Lux/50Lux/30Lux/10Lux/2Lux
STANDBY DIMMING LEVEL	10% / 20% / 30% / 50%
STANDBY PERIOD	Remote control Options: 0s/ 10s/ 30s/ 1min/ 5min/ 10min/ 30min/ 60min/ + APP Control Options: 0s/5s/30s/1min/2min/3min/5min/10min/15min/20min/25min/ 30min/45min/60min/ + ∞
DUSK/DAWN SENSING/PHOTOCELL	Daylight threshold as 30lux/50lux/80lux/120lux/200Lux/250Lux/300Lux/350Lux/400Lux
	Standby period as + ∞
	Standby dimming level as 10% / 20% / 30%
DUSK/DAWN SENSING/PHOTOCELL	1. Adjust "daylight" value higher than 50lux
	2. Preset "standby period" 0S
	3. press MW/PIR button 3 times till MW/PIR icons both blickingon LCD screen, daylight harvesting function enabled.(With BLE verison, press DH button, daylight harvesting function enabled.)
WIRELESS CONTROL RANGE	> 20m/65ft(bluetooth)
APP DOWNLOAD	Supported in both APP Store and Google play market
WORKING TEMPREATURE	-40°F~-140°F(-40℃~60℃)
STORAGE TEMPREATURE	-40°F~-176°F(-40℃~80℃) Humidity:85%(non-condensation)

MICROWAVE MOTION SENSOR DIMENSIONS



MICROWAVE MOTION SENSOR INSTALLATION



REMOTE CONTROL BUTTON FUNCTION INTRODUCTION



ON/OFF

Turn ON or OFF the sensor

NW/PIR

Exchange from Microwave detection to PIR detection, for future use

Reset

Press it to start detection programming; before pressing any other buttons, the screen shows default programming (Detection Area 100%, Holdtime 5S, Daylight Disable, Standby Dimming 10%, Standby Period 0S)

Start

Press it before you try to memorize program into the remote; After pressing it, S on the screen will blink and keep blinking while making the program

Memory

Press it after programming, the blinking S will become a solid M, that means the program has been well memorized

Apply

Press it to deliver the preset program to the specific sensors; every press will make the whole screen blink gently

Detection area

Also known as "sensitivity", 100% means the highest sensitivity and longest distance. Press it, specific icon on the screen will blink and press the + - buttons to adjust

Hold time

The period that light will stay illuminated 100% after no motion is detected; Press it, specific icon on the screen will blink and press the + - buttons to adjust

Daylight Threshold

The preset lux level to compare with ambient brightness when motion is detected; Press it, specific icon on the screen will blink and press the + - buttons to adjust

Stand-by period

The period after holdtime, during which the light keeps standby dimming level; Press it, specific icon on the screen will blink and press the + - buttons to adjust

Stand-by dimming level

After holdtime, the light will dim from 100% to optional standby dimming levels; Press it, specific icon on the screen will blink and press the + - buttons to adjust

UP

The main functional buttons to adjust the factors to wanted level

DOWN

POWER

Supports to manually change dimming output in detection mode; Press it, specific icon on the screen will blink and press the + - buttons to adjust

Test mode

Supports to check if the sensor works correctly with a short 2S holdtime; Press it and the holdtime will change to 2S, and it can't be memorized

INSTALLATION INSTRUCTIONS



CAUTIONS

IMPORTANT SAFEGUARDS

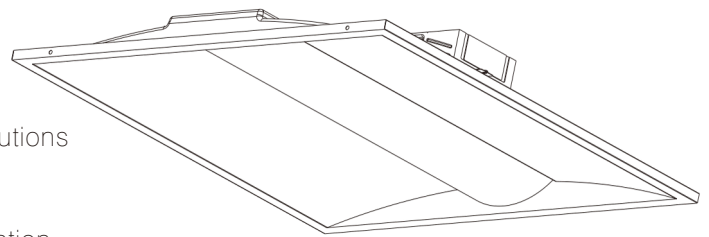
When working with electrical equipment, basic safety precautions should always be followed, including the following:

READ AND FOLLOW ALL SAFETY INSTRUCTIONS

1. DANGER- Risk of shock- Disconnect power before installation.
2. This luminaire must be installed by the NEC or your local electrical code.

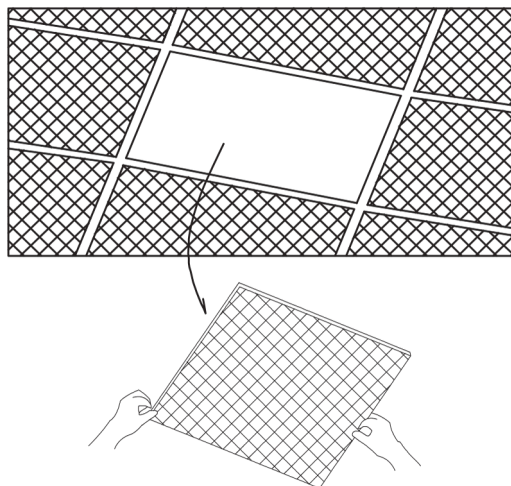
If you are not familiar with these codes and requirements, please consult a qualified electrician.

3. Suitable for conventional grid ceilings.
4. Make certain power is OFF before starting installation or attempting any maintenance.
5. Do not touch the LEDs or wires coming from the circuit board during the installation process. Damage may occur.

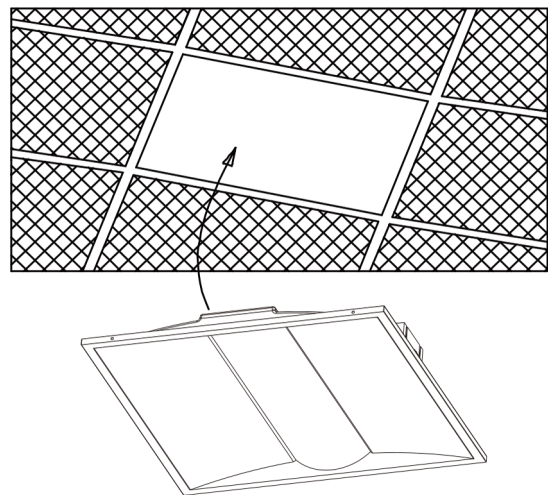


Installation Procedure

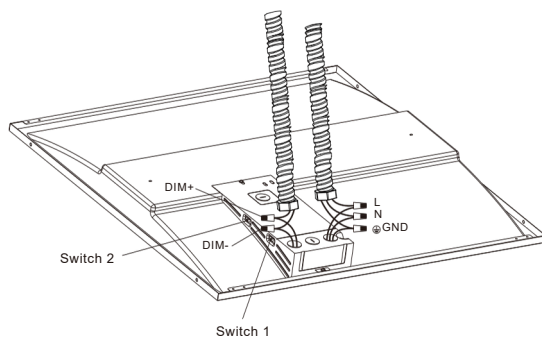
Step1: Remove 2x2 or 2x4 or 1x4 tile from ceiling



Step2: Place fixture into ceiling grid



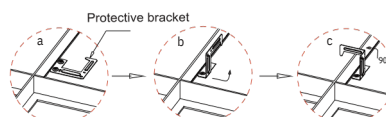
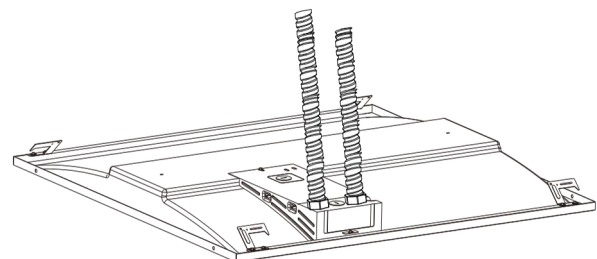
Step3: Follow the luminaire wiring diagram to wire the appliance correctly



Watt Tunable: Switch1
5 different power:
2'2FT: 20W-25W-30W-35W-40W
2'4FT: 30W-40W-50W-60W-72W
CCT Tunable: Switch2
3000K-3500K-4000K-5000K-6500K

To Source 120-277VAC
BLACK (LINE)
WHITE (NEUTRAL)
GREEN (GND)
FIXTURE
DIMMING
PURPLE (DIM+)
PINK (DIM-)

Step4: Pull the switch to the appropriate gear, Fixed wire hose on the panel, Then installation is completed

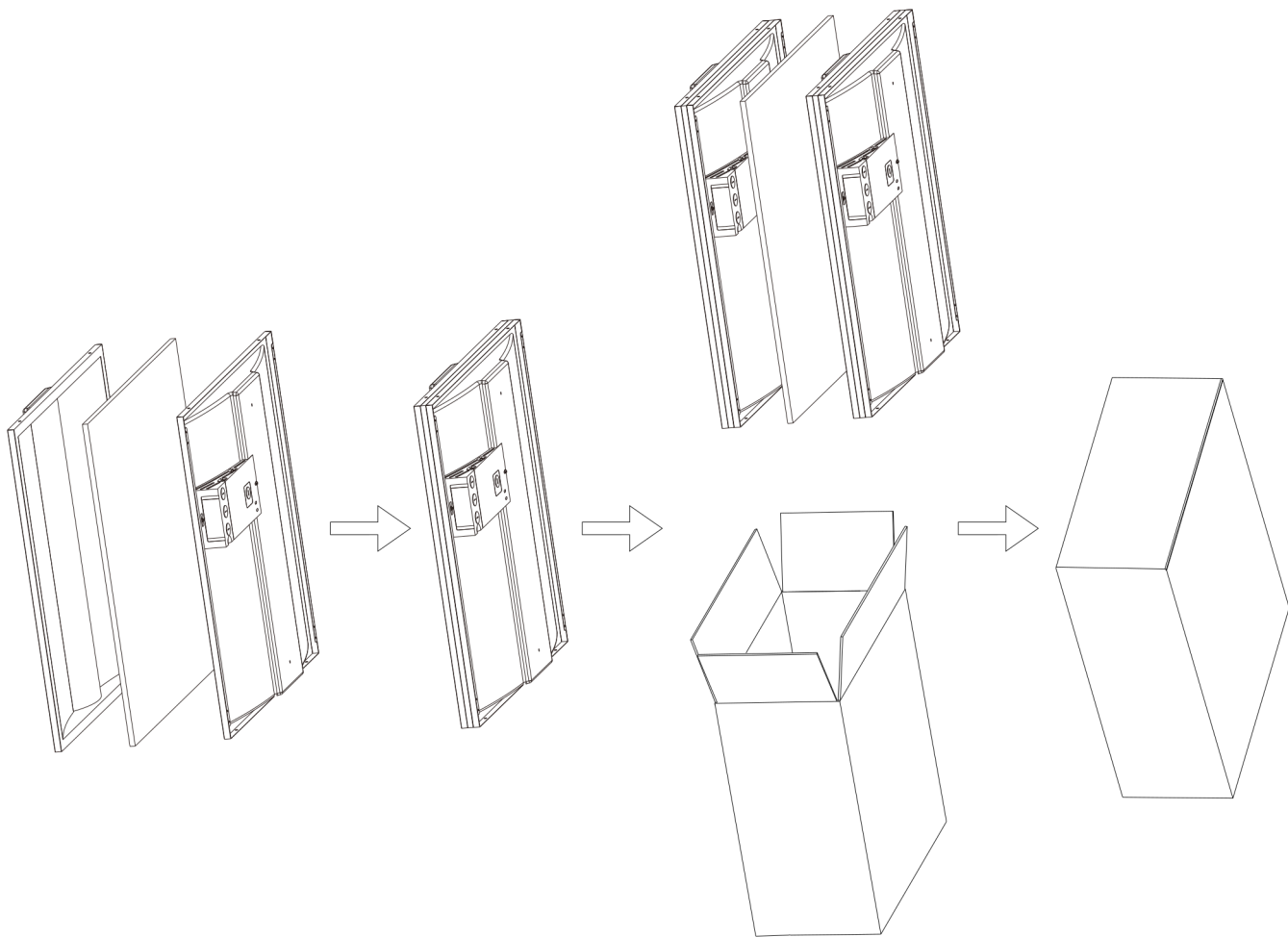


P ACKAGING INFORMATION

PACKAGING/WEIGHT

	SIZE	OUTER CARTON SIZE (L*W*H)	QTY/CARTON (PCS)	NET WEIGHT (KG)(LBS)	GROSS WEIGHT (KG)(LBS)	20GP (PCS)	40HQ (PCS)
	2x2F T	613*220*625mm 24.13*8.66*24.6"	4 pcs	8.1kg 17.86lbs	10kg 22.05lbs	1308	304 0
	2x4F T	1223*220*625mm 48.15*8.66*24.6"	4 pcs	17.5kg 38.58lbs	20.5kg 45.19lbs	600	154 4

PACKAGING



Installation Images

