Project:	
Date:	
Note:	

SIMPLY RELIABLE

LED PREMIUM FLAT PANEL 2'x2'
TR50 SERIES

FEATURES

1. The panel has uniform and soft luminance, high luminous efficacy, saving energy and protecting environment.
2. Thickness is 0.38", extremely slim and beautiful.
3. Using high quality aluminum frame with great heat dissipation and low light degradation. Using PMMA LGP which has transmittance, so no color change within 10 years can be guaranteed.
4. Using high quality driver, efficiency ≥86%, PF≥0.9.
5. Lifespan>50,000 hours & 5 years warranty.
6. 1-10V dimming can be well compatible with all kinds of brand dimmers.
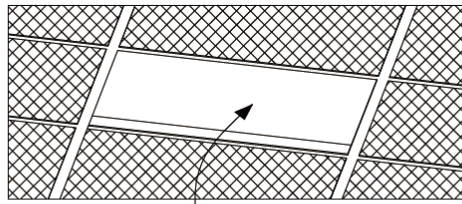7. Dustproof: the distance between back cover and frame is nearly zero.

APPLICATIONS

The panel light is mainly used in indoor lighting places, such as office, factory, supermarket, schools, hospitality, Industrial Applications and so on.

SPECIFICATIONS		TR50-30W-22-40K-P	TR50-30W-22-50K-P
ORDERING	Brand	Builders Pack	Builders Pack
	SKU	57-19002-40	57-19002-50
GENERAL PERFORMANCE	Power Consumption	30W	30W
	Color Temp. (CCT)	4000K	5000K
	Lumens Delivered (lm)	3813 lm	3891 lm
	Efficacy (lm/W)	134.59 lm/W	137.25 lm/W
	LGP	MS	
	CRI	≥80	
	L70 Lifetime (Hours)	50,000 Hours	
	Equivalency	60-90W MH	
ELECTRICAL	Power Factor	≥0.9	
	Input Voltage	AC 120-277V	
	Dimming	1-10V	
PHYSICAL	Mounting	Recessed Mount / Suspension Mount / Surface Mount with Kits	
	Operating Temp.	-4°F ~+ 113°F	
	Storage Temp.	-22°F ~+ 149°F	
	Ingress Protection (IP)	IP20	
QUALIFICATION	Certifications	ETL	DLC	RoHS	FCC	CE	
	Material Usage	Aluminum Frame & Frosted Diffuser	
	Environment	Indoor	
	Warranty	5 years	
DIMENSIONS (Package Subjecting to Change)	Product Size	23.74" x 23.74" x 1.80"	
	Gross Weight	31.09 lbs	

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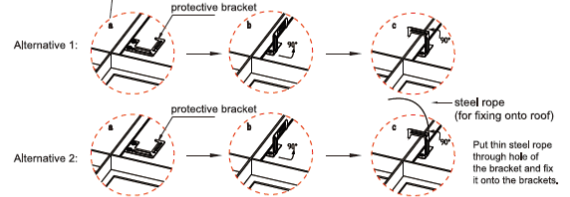
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INSTALLATION DIAGRAM

RECESSED INSTALLATION

1.Replace existing lighting fixture from ceiling with LED Panel.

protective bracket

Alternative 1:

protective bracket

Alternative 2:

steel rope
(for fixing onto roof)

Put thin steel rope
through hole of
the bracket and fix
it onto the brackets.
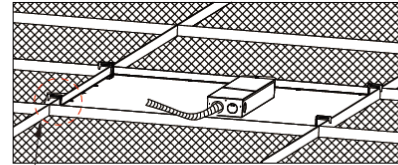
2.Use the protective brackets for safety.

SUSPENSION KIT INSTALLATION

Anchors
Wire rope1
Screw
Wire rope2
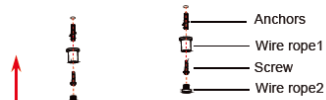
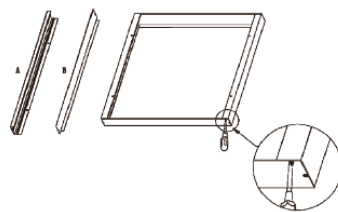1.Drill two holes in the ceiling, and put the anchors into hole, then insert the wire rope and screw.
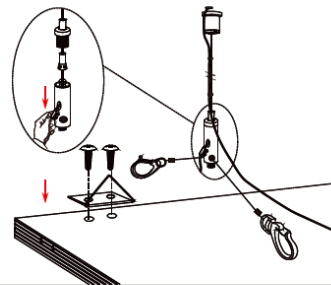
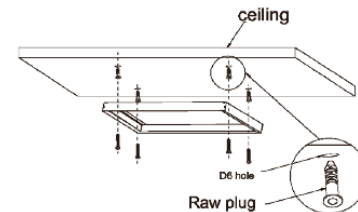2.Adjusting the hanging rope making the panel in a horizontal state.
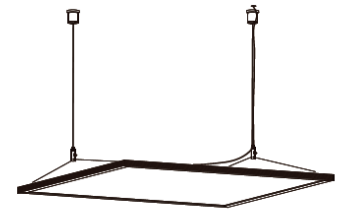
3.The installation is finished.

Note: 2*2ft: 2 pcs suspension kits needed for installation. 1*4ft and 2*4ft: 3pcs supsention kits needed for installation.
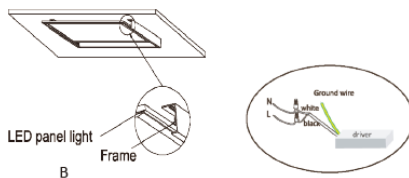
SURFACE MOUNTED INSTALLATION

1. Assemble the frame using screws.

ceiling

D6 hole

Raw plug

2. Drill 4 D6mm holes on the ceiling, install the raw plug and fix the frame on the ceiling.

LED panel light
Frame
B

Ground wire
N
L white
black
driver

3. A. Remove a frame B
    B. Connect the wires with the reference to the above the picture.

4. A. Push the panel into the frame from the open side.
    B. Put the driver and all the wires on the back of the panel;
    C. Install the previously removed Frame B back.

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DISTRIBUTION CURVE	
DISTANCE CURVE	

SHIPPING (Package Subjecting to Change)	Pcs / Carton	4pcs
	Master Carton Size	25.99'' x 8.27'' x 25.79''
	Pcs / Pallet	24pcs
	Pcs / 20' GP	1058pcs (No Pallet) | 768pcs (Palletized)
	Pcs / 40' GP	2337pcs (No Pallet) | 1728pcs (Palletized)
	Pcs / 40' HQ	2822pcs (No Pallet) | 1744pcs (Palletized)
	Pcs / 45' HQ	3263pcs (No Pallet) | 1936pcs (Palletized)

LAMP CODE DEFINITIONS

Internal Use	Category	Wattage	Size	CCT	Listing
TR50	TR50 = Panel	30W	22 = 2'x2'	40K = 4000K 50K = 5000K	P = Premium

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ACCESSORIES

SKU	Description	Image
79-92005	LED Emergency Power Supply-8W	
ES19045-2	Cable Kit for Flat Panel | 2'x2'	
73-19002-A	Surface Mount Kit for Flat Panel | 2'x2'	