

# BACKLIT LED PANEL LIGHT

Model Number LT-PN Series

Type CEILING LIGHT

Ver. 2024V2

## DESCRIPTION

LED Panel Light can produce a very soft natural light and give a comfortable lighting environment with a radian diffuser. High lumen LED efficacy up to 110 lm/w is easy replace current CFL fixture for commercial lighting. Steel housing with aluminum based circuit board in the back for electronical connection, Polycarbonate diffuser with milky color for lighting distribution. It is easy to replace 80-120W CFL fixture for office, supermarket, warehouse, school, hospital lighting and other lighting applications.

## CONSTRUCTION & MATERIALS

- ◆ Steel housing
- ◆ Frosty Impact-proof Polycarbonate lens
- ◆ IP 23 rating waterproof protection
- ◆ Built-in quick wiring connectors
- ◆ Emergency mode: Test switch + Indicator lamp
- ◆ Aluminum based circuit board
- ◆ Philips driver with non-flicky

## EMERGENCY OPTION

- ◆ UL 924 & CE approved
- ◆ Charge time: 24 hrs
- ◆ Emergency time: 90~180 minutes
- ◆ Charge cycle: >500 times
- ◆ Work Temp. 32°F~+122°F ( 0°C~50°C ).

## MOUNTING AND WIRING

- ◆ Chain mount or surface mount
- ◆ Recessed mount

## ENVIRONMENTAL SYSTEM

- ◆ Indoor location only

## ELECTRICAL SYSTEM

- ◆ Input voltage: 200-240VAC or 100-277VAC
- ◆ ETL/cETL, CE/RoHS.

## OPTICAL SYSTEM

- ◆ 110-120 lm/w
- ◆ SMD LED: 3000K, 4000K, 5000K and 5700K. Other color temperature available for special order, consult factory for lead time.
- ◆ 120° beam angle

## LIGHTING CONTROL

- ◆ 0-10vdc dimming
- ◆ Microwave motion sensor available

## WARRANTY

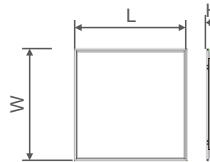
- ◆ 3-5 Years

## STANDARD

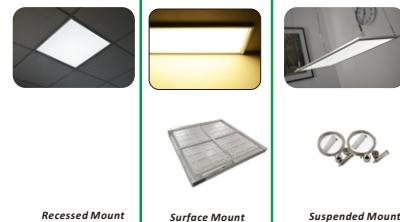
- ◆ EN61347-1, EN61347-2-13, EN60598-2-1, EN60598-1
- ◆ UL 924, UL 1598, CAN/CSA-C.22.2 NO. 250.0,



## DIMENSION



## INSTALLATION



## PACKAGE

NO.	Model#	Carton Size (LXWXH)	G. W. / CTN	QTY/CTN (PCS)	20' GP Loading
1	LT-PN0606-40W	67X30X68 cm	13.0 Kg	6	1800 PCS
2	LT-PN0312-40W	127x30x38cm	14.6 Kg	6	1800 PCS
3	LT-PN0612-50W	127x30x68 cm	25.0 Kg	6	800 PCS

## DATA SHEET

MODEL#	WATT	PF	EU STD. SIZE (LXWXH)	US STD. SIZE (LXWXH)	VOLTAGE	LIGHT EFFICACY	BEAM ANGLE	LED
LT-PN0606-40W	40W	>0.9	595x595x35 mm 600X600X35 mm option	603x603x35 mm	200-240vac 100-277vac	110 LPW 120 LPW	120 deg.	SMD2835
LT-PN0312-40W	40W	>0.9	295X1195X35 mm 300X1200X35 mm option	303x1213x35 mm	200-240vac 100-277vac	110 LPW 120 LPW	120 deg.	SMD2835
LT-PN0612-50W	50W	>0.9	595x1195x35 mm 600X1200X35 mm option	603x1213x35 mm	200-240vac 100-277vac	110 LPW 120 LPW	120 deg.	SMD2835
LT-PN0612-60W	60W	>0.9	595x1195x35 mm 600X1200X35 mm option	603x1213x35 mm	200-240vac 100-277vac	110 LPW 120 LPW	120 deg.	SMD2835

## ORDER INFORMATION

Sample Number: LT-PN0606-40W-50K-DM/EM-3H

COM.	FAMILY NAME	PANEL SIZE	WATTAGE	INPUT VOLTAGE	LED CCT	ACCESSORY	DURATION
LT	PN	0606 0312 0612	30W 40W 50W 60W	Blank= 200-240vac (*EU) STD.=100-277vac (* US)	27K=2700K 30K=3000K 40K=4000K 50K=5000K 65K=6500K	DM=1-10VDC Dim MS=Motion sensor EM=Emergency Kit	STD=90 MINUTES 2H=120 MINUTES 3H=180 MINUTES