WESTGATE

THE FUTURE IS HERE...AND IT'S QUITE BRIGHT!

THUNDER SERIES

FULLY DIMMABLE

0 ~ 10v

DIMENSIONS:

22"
24"
46"
48"
3/8"
1-1/2"

24" x 48" x 1-7/8"
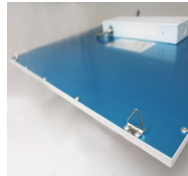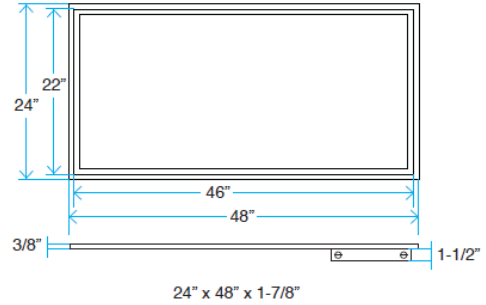
Clips located at the back of the panel

ACCESSORIES:

LP-SRFC-2X4

LP-SSPD-2X4

LP-SAFETYCLIP

LP-2X4-72W-35K-D
LP-2X4-72W-40K-D
LP-2X4-72W-50K-D

LED Panel Light (2X4)

Superb brightness that saves 75% energy compared with traditional panel lights.

ELECTRICAL SPECIFICATIONS:

- Power efficiency: >0.87
- Power factor: ＞0.9
- High efficiency: 85lm/w
- Input voltage: AC100V～277V
- Output voltage: 36VDC
- LED type: 4014SMD LM80
- Color rendering index: Ra＞82
- With external constant current power supply

LIGHTING SPECIFICATIONS:

- Dimmable 0 ~ 10v Dimming
- Current (mA): 1800mA
- Frequency range: 50Hz～60Hz
- Total harmonic distortion: ≦15 %
- Color temperature: 3500K, 4000K,5000K

HOUSING SPECIFICATIONS:

- Material: AL+PMMA+PS
- Working temperature: ~ 20 ~ 45 ˚C
- Storage temperature: ~ 25 ~ 65 ˚C
- IP grade: IP20
- Working life-span: 5,0000H

MODEL NO.	POWER	LUMENS	SMD4014 LEDs	CCT
LP-2X4-72W-35K-D	72W	6100	384	W3500K
LP-2X4-72W-40K-D	72W	6100	384	N3985K
LP-2X4-72W-50K-D	72W	6100	384	D5028K

LP-SRFC-2X4	Surface mounting kit for 2x4, aluminum structure, 4 pcs + screw kit
LP-SSPD-2X4	Suspending wire rope for 2x4, 3 wire pcs
LP-SAFETYCLIP	Earthquake clip for panel, 1pc

FEATURES:

- Soft and wide light emitting
- Ultra slim, unlimited design and various dimensions are available
- No infrared rays, no ultraviolet radiation, no thermal effect
- Special circuit design, avoided the single broken LED influence problem
- High efficiency constant current drive system, with heat protection system, can work under unstable voltage
- Instant start, no flickering, no humming, no RF interference

WARRANTY:

- Five-year warranty

CERTIFICATIONS:

- UL listed / LM80 rated
- DLC standard

LM79 & LM80 TESTED

HIGH LUMEN

ROHS

DLC QPL LISTED

UL LISTED

5 YEAR LIMITED WARRANTY

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LP-2X4-72W-35K-D
LP-2X4-72W-40K-D
LP-2X4-72W-50K-D

LED Panel Light (2x4)

FULLY DIMMABLE 0 ~ 10v | **LM79 & LM80 TESTED** | **HIGH LUMEN** | **ROHS COMPLIANT** | **DLC QPL LISTED** | **UL LISTED** | **5 YEAR LIMITED WARRANTY**

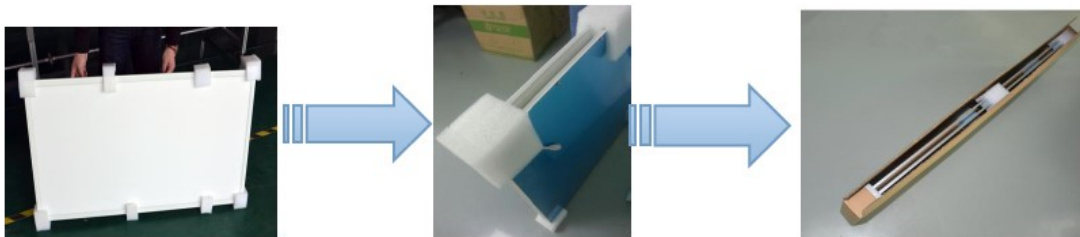| MODEL NO.	DESCRIPTION	QUANTITY	INSTALLATION
LP-SRFC-2X4	Surface mounting kit for 1x4, aluminum structure	4pcs + screw kit	
LP-SSPD-2X4	Suspending wire rope for 1x4	3 wire pcs	
LP-SAFETYCLIP	Earthquake clip for panel	1pc	

System Connection Diagram:

A. Wiring of the panel light with 0-10V dimmable driver

Structure:

- PCB
- Aluminum frame
- Diffuser plate
- Light Guide Plate
- Reflective Paper
- UV Foam Cotton
- Cover
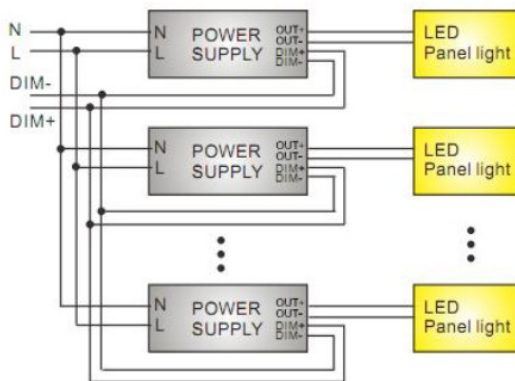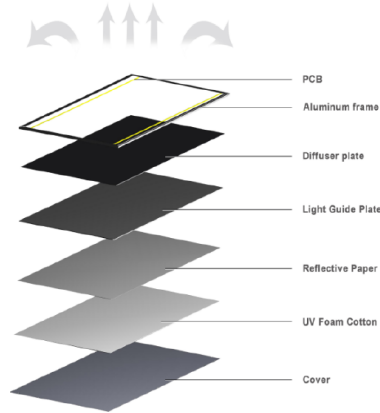
Package:

PART NO.	PACKAGE DIMENSION	N.W.	G.W.
2x2 FT 24"X24"X.35"	26"X 4.3" X 26" 2pcs/carton	4.7 kg/pc	9.8kg/ctn
1X4 FT 12"X48"X.35"	50" X 4.3" X 14" 2pcs/carton	4.7 kg/pc	11.1kg/ctn
2X4 FT 24"X48".35"	50" X 4.3" X 26" 2pcs/carton	8.9kg/pc	18.6/ctn

Warning:

- Please use the product within the specified range of voltage.
- Please follow the correct installation steps to install the product, and do not touch when it is working.
- Please turn power off when installing and removing the products to avoid risk of electric shock.
- Please install the panel in the correct sized fixture.
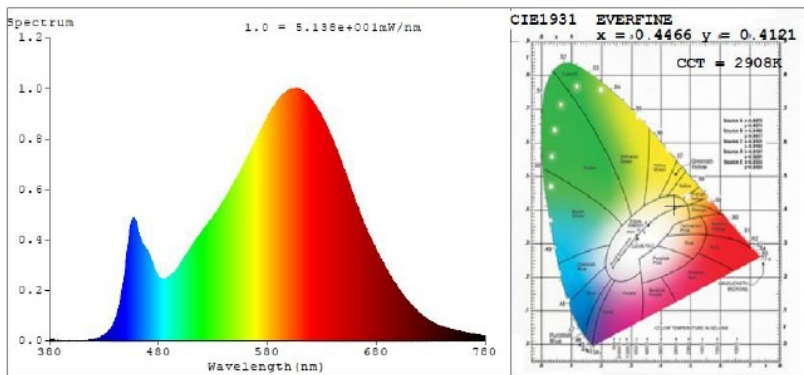- Do not look directly at LED light source for a long time.
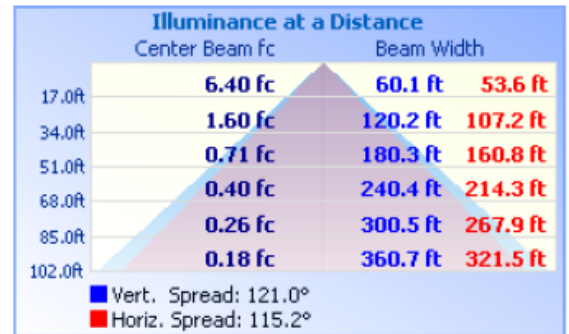
LP-2X4-72W-35K-D
LP-2X4-72W-40K-D
LP-2X4-72W-50K-D
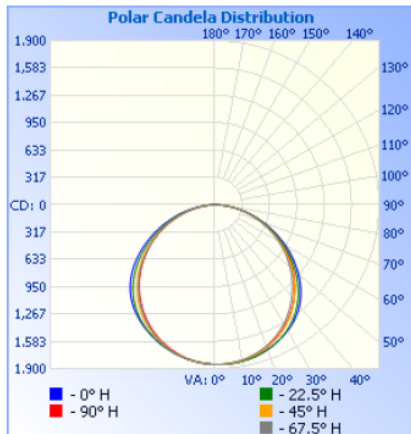
LED Panel Light (2x4)

Spectral Power Distribution
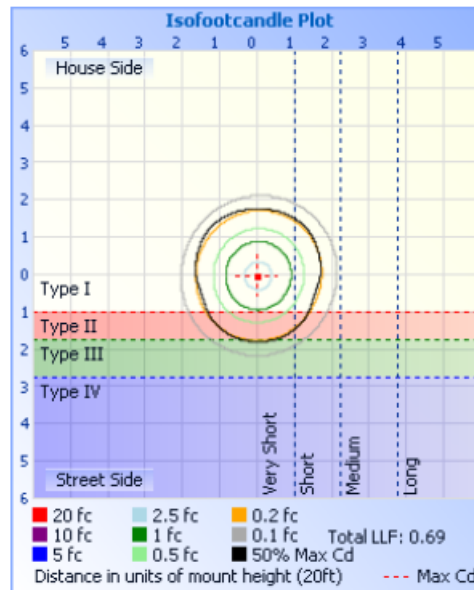
Spectral Power Distribution and Chromaticity Diagram:

Illuminance Plots

	Illuminance at a Distance		
	Center Beam fc	Beam Width	
17.0ft	6.40 fc	60.1 ft	53.6 ft
34.0ft	1.60 fc	120.2 ft	107.2 ft
51.0ft	0.71 fc	180.3 ft	160.8 ft
68.0ft	0.40 fc	240.4 ft	214.3 ft
85.0ft	0.26 fc	300.5 ft	267.9 ft
102.0ft	0.18 fc	360.7 ft	321.5 ft

■ Vert. Spread: 121.0°
■ Horiz. Spread: 115.2°

Photometric Data

ISOLUX DIAGRAM

ISOCANDELA DIAGRAM