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"

2X4-72W-50K-D

2X4-72W-40K-D

2X4-72W-35K-D

2X4-72W-27K-D

Clips located at the back of the panel

ACCESSORIES:

LP-SRFC-2X4   LP-SSPD-2X4   LP-SAFETYCLIP

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

MODEL NO.	POWER	LUMENS	SMD4014 LEDs	CCT
LP-2X4-72W-50K-D	72W	6680	384	5000K
LP-2X4-72W-40K-D	72W	6420	384	40000K
LP-2X4-72W-35K-D	72W	5671	384	3500K
LP-2X4-72W-27K-D	72W		384	2700K

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

LIGHTING SPECIFICATIONS:

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

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

HOUSING SPECIFICATIONS:

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

WARRANTY:

- Five-year warranty

CERTIFICATIONS:

- UL listed / LM80 rated
- DLC standard

LM79 & LM80 TESTED   HIGH LUMEN   ROHS COMPLIANT   DLC QPL LISTED   UL LISTED   5 YEAR LIMITED WARRANTY

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2X4-72W-50K-D
2X4-72W-40K-D
2X4-72W-35K-D
2X4-72W-27K-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.

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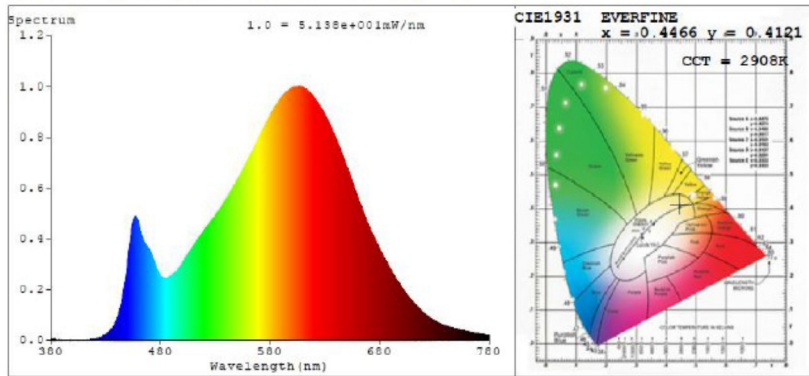
2X4-72W-50K-D
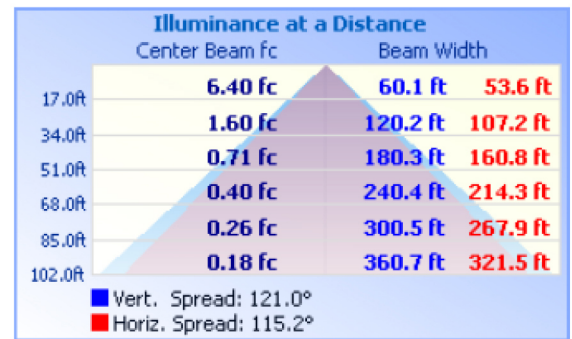**2X4-72W-40K-D**
2X4-72W-35K-D
2X4-72W-27K-D

LED Panel Light (2x4)

Spectral Power Distribution
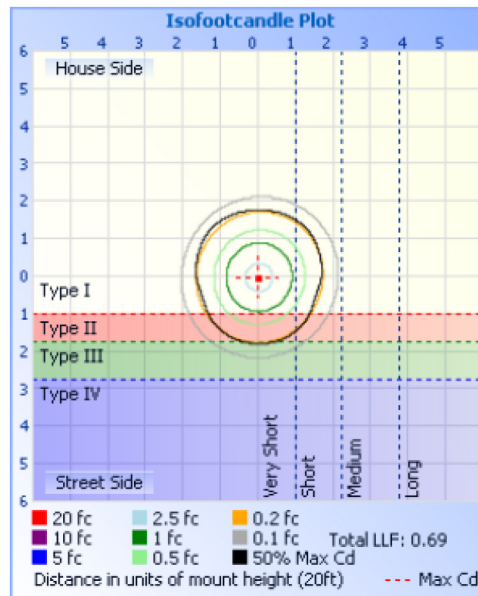
Spectral Power Distribution and Chromaticity Diagram:

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