

50 W PANEL LIGHT (WITH EMERGENCY FUNCTION)

VOL-PL-050-CW-2X4-EMG



SECTION 1: SPECIFICATIONS

POWER	50W
VOLTAGE	85-277V
DIFFUSER TYPE	POLYCARBONATE
BASE MATERIAL	ALUMINUM
LIGHT OUTPUT	6500 lm
BEAM ANGLE	120°
CCT	6000-6500K
FIXTURE LIFESPAN	50,000 HRS (10+ YEARS AT 12 HOURS PER DAY)
IP RATING	40
DIMENSIONS	1213 x 603 mm
WEIGHT	6.7 KG

CERTIFICATIONS

RoHS
Compliant

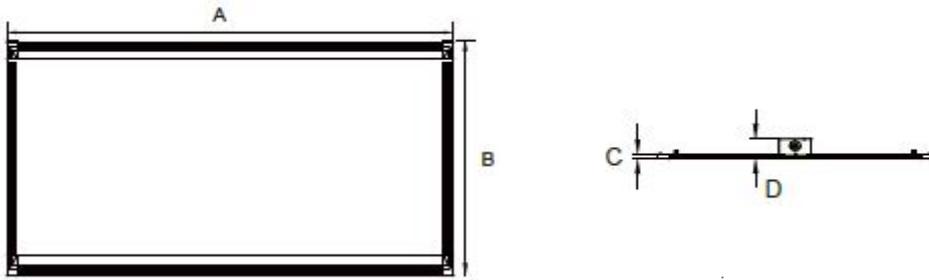
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SECTION 2: LIGHT SOURCE DESCRIPTION (LED CHIP)

LED SHAPE:	SMD 4014
LED TYPE	EPISTAR

SECTION 3: DIMENSIONS

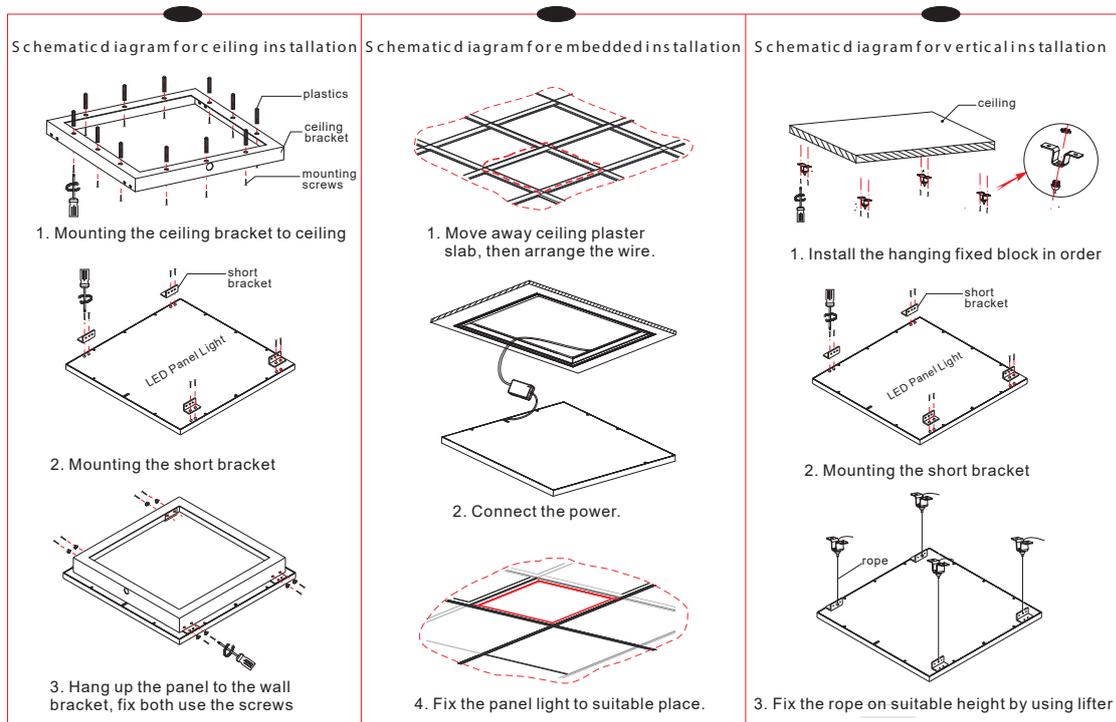


Size	A (inch)(mm)	B (inch)(mm)	C (inch)(mm)	D (inch)(mm)
2x4 FT	47.76" 1213mm	23.74" 603mm	0.35" 9mm	1.69" 43mm

SECTION 4: INSTALLATION DETAILS

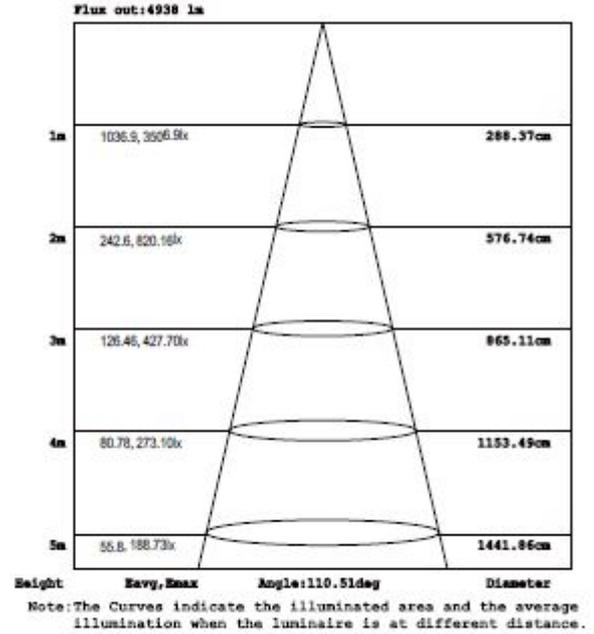
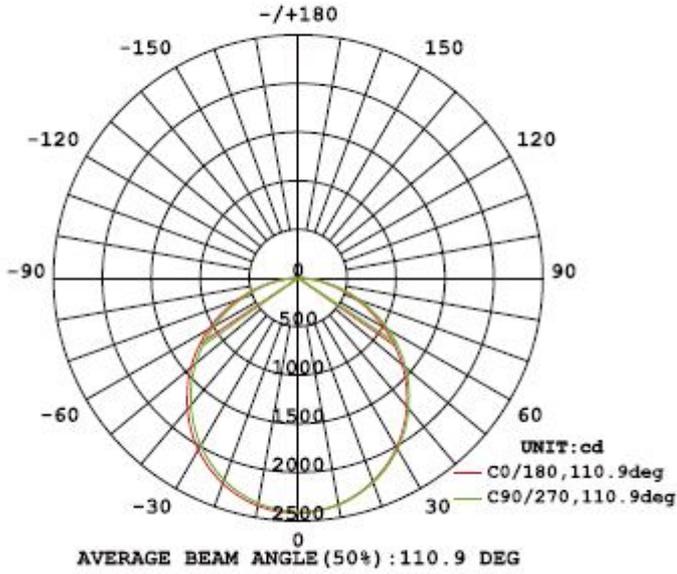
- FIRST, SET UP ACCESSORIES AND FITTINGS OF THE LIGHT
- ENSURE THE POWER SUPPLY IS OFF PRIOR TO INSTALLATION OR LED CHANGEOVER.
- MAKE SURE THE PRODUCT IS FIXED TIGHTLY TO THE INSTALLATION SURFACE (INSTALL IT ACCORDING TO DIAGRAM BELOW).
- CONNECT THE WIRE OF THE LIGHT TO THE POWER SUPPLY, THEN SWITCH ON THE POWER

Installation Method I



SECTION 5: PHOTOMETRIC DISTRIBUTION

2X4 LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



Size	Outer Carton Size (LxWxH)	Qty/Carton (pcs)	Net weight (kg)(lbs)	Gross weight (kg)(lbs)		
2X4FT	(1260*176*653mm) (49.61"x6.93"x25.71")	4pcs	6.7kg 14.77lbs	29.0kg 63.93lbs	640	1728

SECTION 6: EMERGENCY LED DRIVER



RoHS

Specifications:

UL Recognized Factory Installation Only (Indoor and Damp)	Universal Input Voltage 100-277Vac,50/60Hz
Output Voltage 30-42Vdc	Operating Ambient Temp Range 0°C to+ 40°C (32°F to 104°F)
Full Warranty 5 Years	Dimensions 11.77"x3.81"x1.41" (299mmx97mmx36mm)
Weigh 2.75lbs(1.25kg)	

AC Operation:

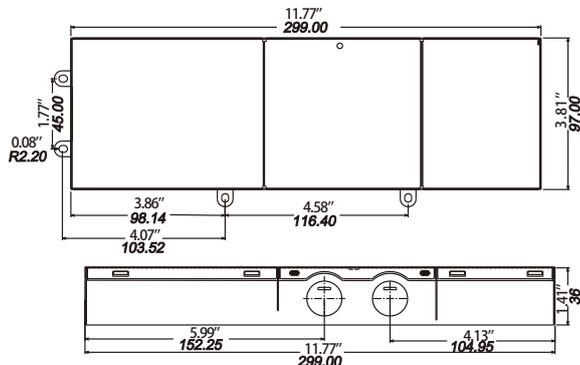
Output Current (Optional) 800-1750mA	AC Input Current 0.9A max.
Maximum Input Power 75W max.	Power Factor@Max Load >0.90
Surge Protection (Combi-Wave,KV)1.0KV	Dimming 0-10Vdc,PWM

Emergency Operation:

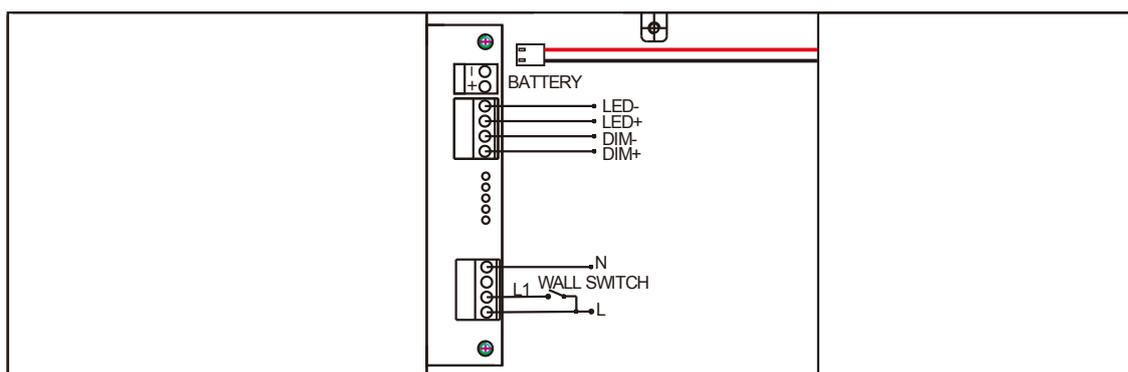
AC Input Current 90mA Maximum(Charging Only)	AC Input Power Rating 6.0W Maximum(Charging Only)				
Recharge Time ≥ 24 Hours	Battery lithium battery				
Battery Charging Current 250mA max.	Output Current(Optional) 270-550mA				
IlluminationTime 90 minutes Emergency	Test Switch Charging Indicator Light Illuminated Test Switch				
Output Power (Emergency) Driver and Emergency Correspond Form					
AC Input Power	30W	40W	50W	60W	75W
Emergency Power	10Wmax.	12Wmax.	15Wmax.	18Wmax.	20Wmax.

SECTION 7: DIMENSIONS

Case-11.77"x3.81"x1.41" (299mmx97mmx36mm)



SECTION 8: WIRING DIAGRAM



NOTE:WALL SWITCH:Control switch light.

1. The power supply cannot insert the battery packet into the mainboard connector before installation; It has been installed to allow the battery package to be inserted into the mainboard connector before the AC voltage is completed.
2. Test accessory leads-observe proper polarity wiring.

SECTION 9: DISPLAY STATUS

Operating Condition	Red	Green
Charging	ON	OFF
Emergency	OFF	ON

