


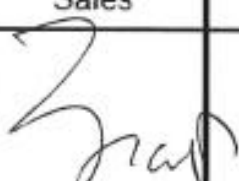


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# APPROVAL SHEET

Part No: **EL-B02L1200-DSV-D4846WE**

**NOTE :**  
**WIDE-BAND**

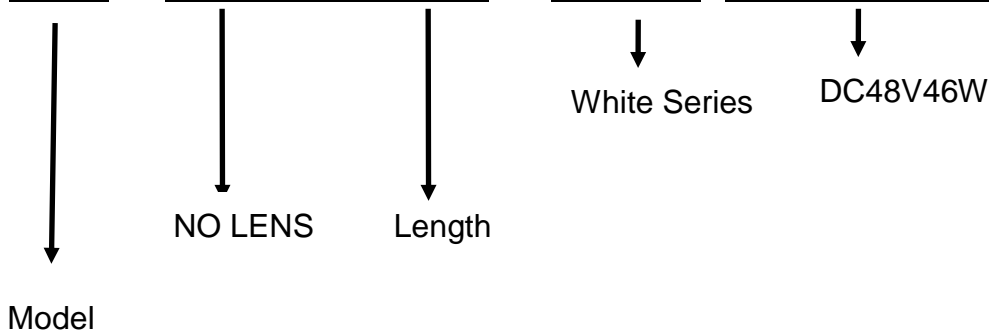
MAKER			CUSTOMER	
				
R&D	QA	Sales	Checked	Approved
				

Prepared	Checked	Approved
Rachel Lee	Evan Chang	Kenneth Wu

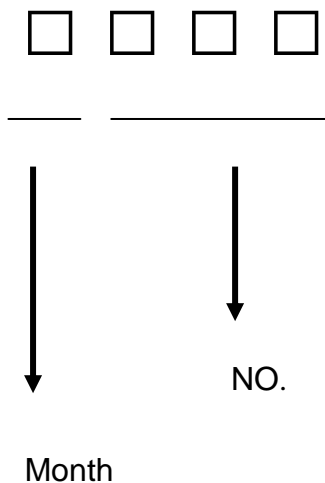
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**Description of P/N No.**

**EL - B02L1200 - DSV - D4846WE**



**Description of Lot.**



**Solidlite Corp.** 

P/N : \_\_\_\_\_

Lot : \_\_\_\_\_

Date: \_\_\_\_\_ . Rank: \_\_\_\_\_

Q'ty : \_\_\_\_\_ . QA : \_\_\_\_\_

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## Specification for Approval

**Product :** LED FLAT PANEL

**Part Number :** EL-B02L1200-DSV-D4846W

### Applications

**Area:** Indoor use only

**Purpose:**

Plant Growing Lighting , Office Lighting , Meeting Room Lighting , Shop Lighting ,  
Classroom Lighting , Factory Lighting , .....

### Product Overview

※ Aluminum heat-sink base can dissipate more heat and lead to a longer life span.

**Specification** ※For Plant Factory use only.

※Remember not to use the device underwater.

**Outline Dimension:** (L)1240 (±4.5mm)mm (W) 100 (±4mm)mm (H) 15.7 (±0.3mm)mm

**Input Voltage /Current :** DC48V/960mA

**Operating Temperature / Relative Humidity:** 0°C~35°C / 20%~80%RH

(Warranty Conditions)

**Storage Temp Range / Relative Humidity:** -20°C ~ 60°C / 20% ~ 80 %RH

**Heat-Sink Surface Temp:** <60 °C

**Life Expectancy of Driver :** 40000hrs

**Life Expectancy of LEDs :**40000hrs

### Safety warning

**Cautions:**

Don't drop the luminaire on the ground since the luminaire will be damaged

Don't expose this product at the high temperature and high humidity environment

### Warranty

Warranty 1years.

Should not have an adverse early.

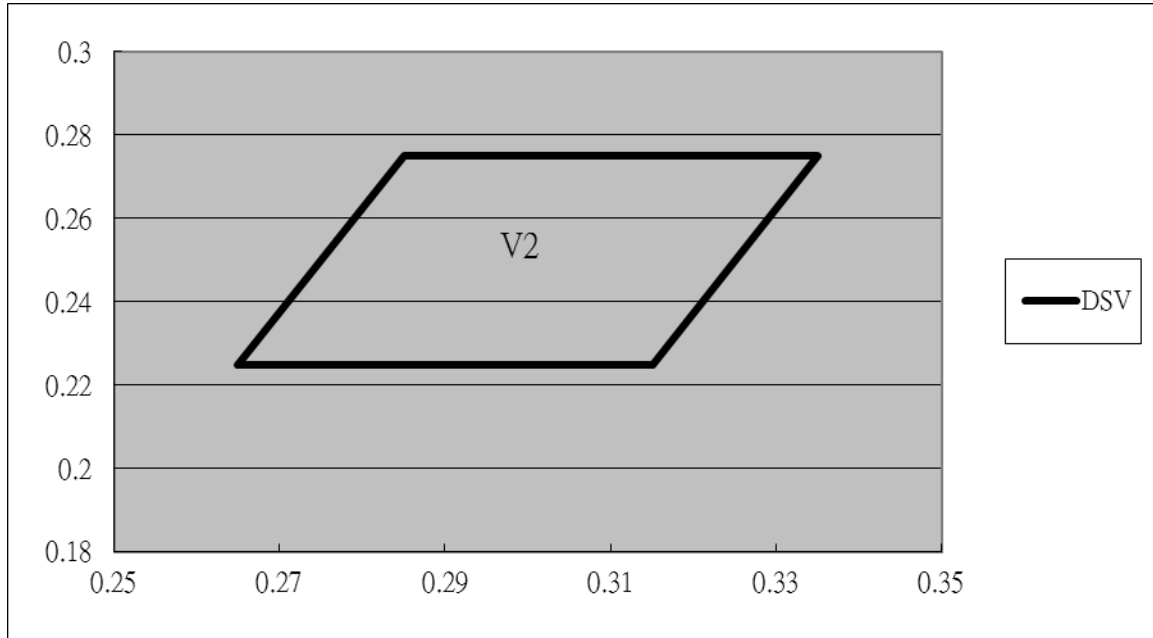
Within one years, must be greater than the specification brightness light efficiency of 70%.



**Waterproof and dust tight IP66\***

**\*Claims and Test Results:**The claims are mainly based on results from tests conducted by SGS.(Report No.:OC-2016-300041)

## Chromaticity Coordinate



CIE X-Y :

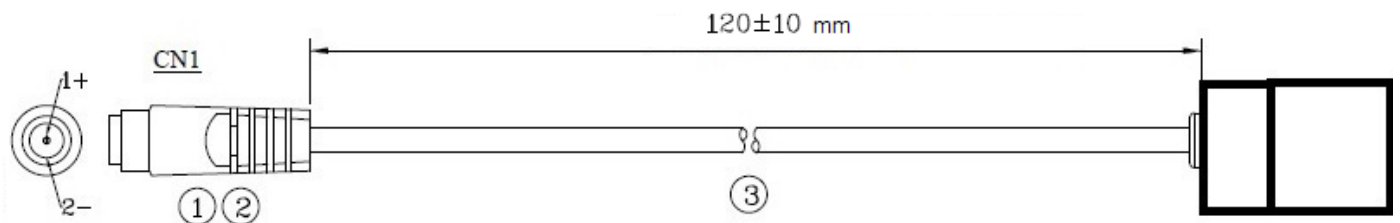
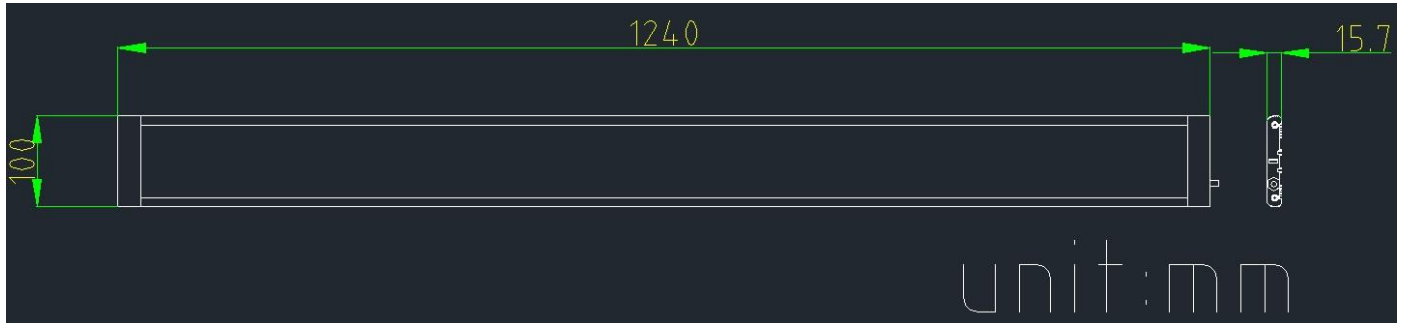
V1---(0.265,0.225) (0.285,0.275) (0.335,275) (0.315,0.225)

## Electronic Charateristic

### Absolute Maximum Ratings at T<sub>a</sub>=25°C

Item	EL-B02L1200-DSV-D4846WE
LED Quantity	224pcs
DC V input	48V
DC I input	960mA
Power Dissipation	46w
Heat-Sink Spec.	Aluminum
PCB Spec.	FR4
L/W/H	1240mm (±5mm)/100mm(±4mm)/15.7mm(±0.3mm)
Net weight	1000g±200g

## Product size & Photo

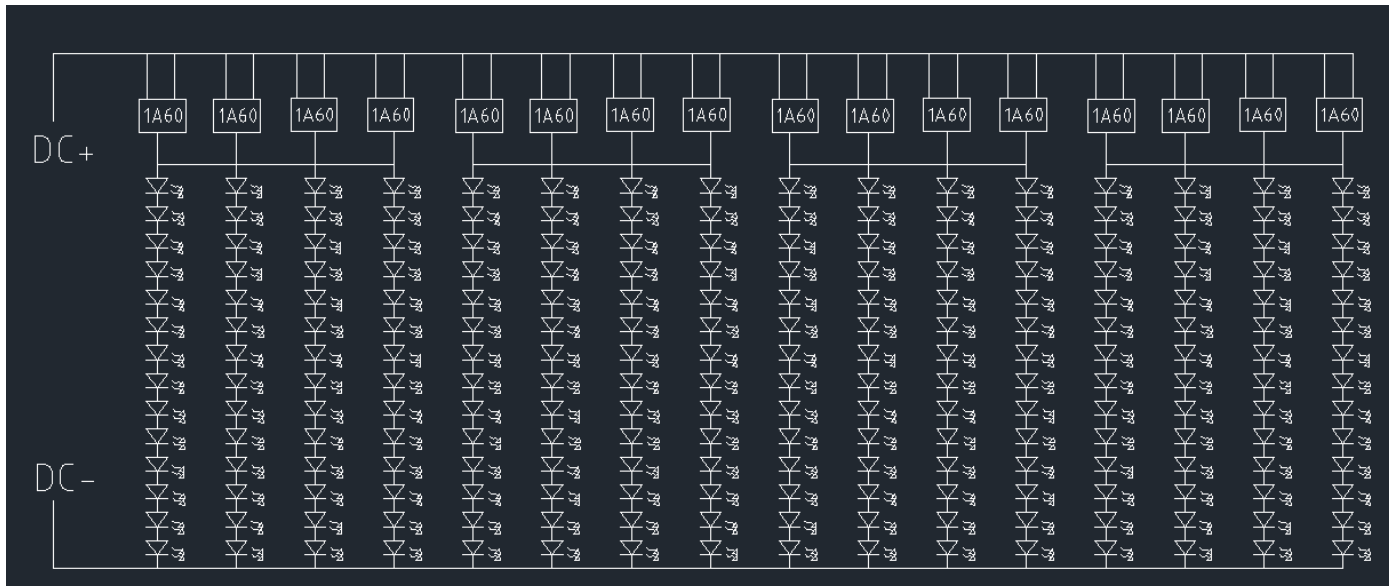


3	CABLE	UL2464#24*2C(STD) OD:3.5mm	1	BLACK(0)
2	PLASTIC	PVC45P/80°C		BLACK(0)
1	DC JACK	(5.5*2.1mm)DC-0236-3	1	鍍度金泉
NO	PART NAME	PART NO	Q'TY	COLOR



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## Typical Internal Equivalent Circuits



## Label Format

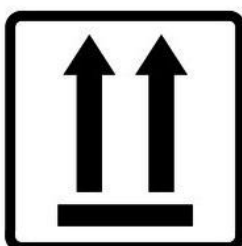
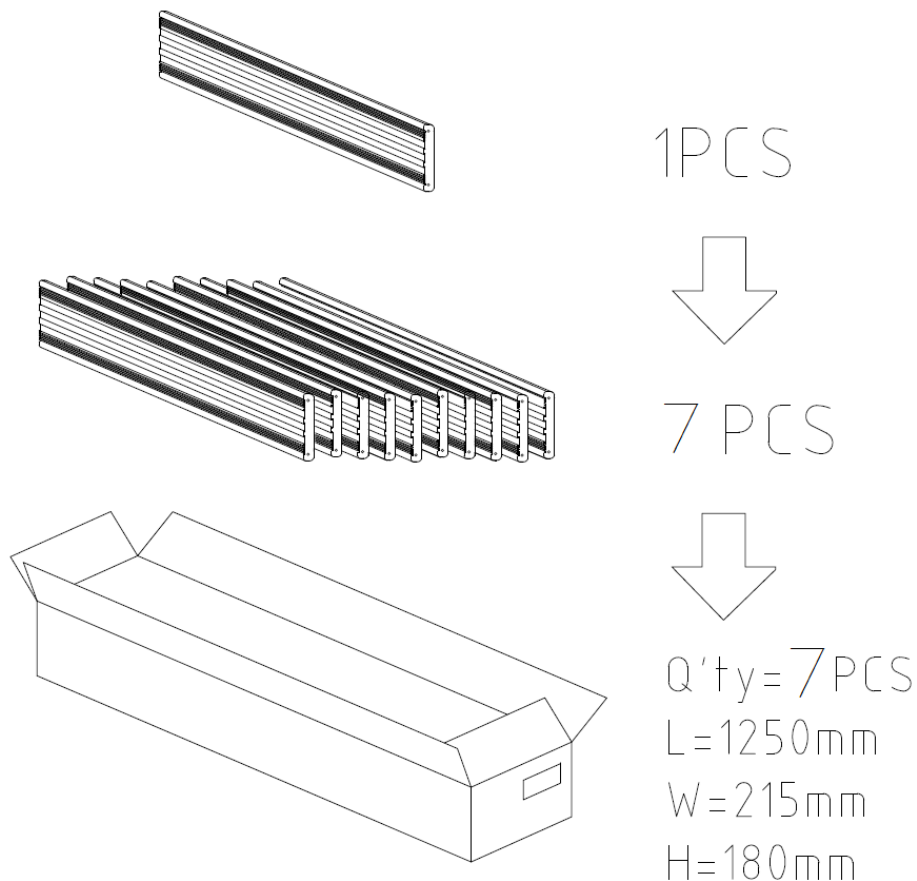
<b>SOLIDLITE</b> 詮興開發科技股份有限公司	<b>EL-B02L1200-DSV-D4846WE</b> LED Flat Panel 48V46W LED平板燈48V46W	輸入電圧: DC48V 消耗功率: 46.08W 輸入電流: 0.96A	<b>1531</b> MADE IN TAIWAN BM78027 (BG)
		Lot number	CIE Rank

##:Year      ##:Week  
 ↙            ↘  
 ↘            ↙  
 Lot number      CIE Rank

## Optical Characteristic

Item	EL-B02L1200-DSV-D4846WE
Viewing Angle	120°(±10%)
μMol/s*m <sup>2</sup> (The center of the amount of survey)	120±20% @ 30cm(center) (without Linear fresnel film)
Light recipe	DSV
CRI	>80

## Package information





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**Fitting Part**



**Use the illustration:**

