





Drawing No.	Rev.	Date	Page
EL-B04L1200-DSC-D4846W	B	2018/08/22	1/8

# APPROVAL SHEET

Part No: **EL-B04L1200-DSC-D4846W**

NOTE :


  
**WIDE-BAND**

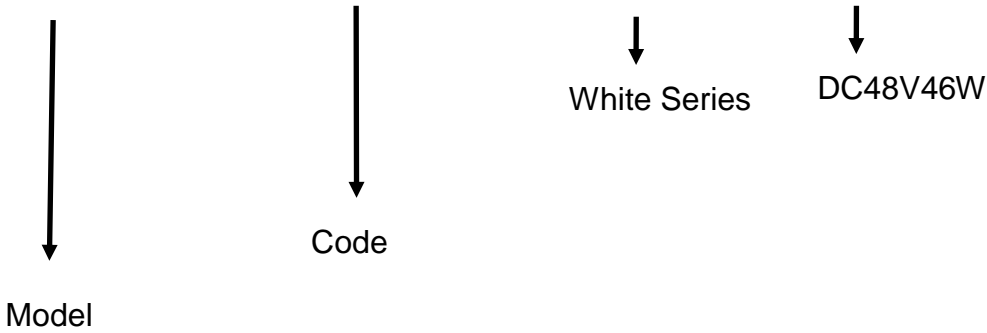
MAKER			CUSTOMER	
				
R&D	QA	Sales	Checked	Approved
				

Prepared	Checked	Approved
Rachel Lee	Evan Chang	Kenneth Wu

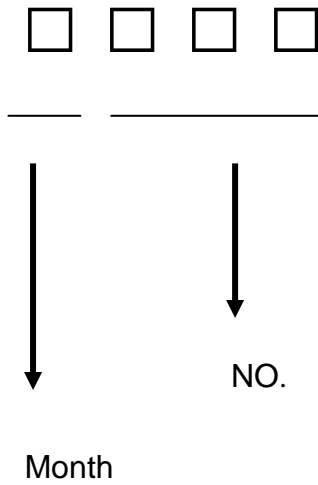
Drawing No.	Rev.	Date	Page
EL-B04L1200-DSC-D4846W	B	2018/08/22	2/8


**Description of P/N No.**

**EL - B04L1200 - DSC - D4846W**



**Description of Lot.**



**Solidlite Corp.** 

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

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

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

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

## Specification for Approval

**Product :** LED FLAT PANEL

**Part Number :** EL-B04L1200-DSC-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:** 1240mm (±2.5mm)/100mm(±2.5mm)/15.7mm(±0.5mm)

**Input Voltage /Current :** DC48V/0.96A

**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.

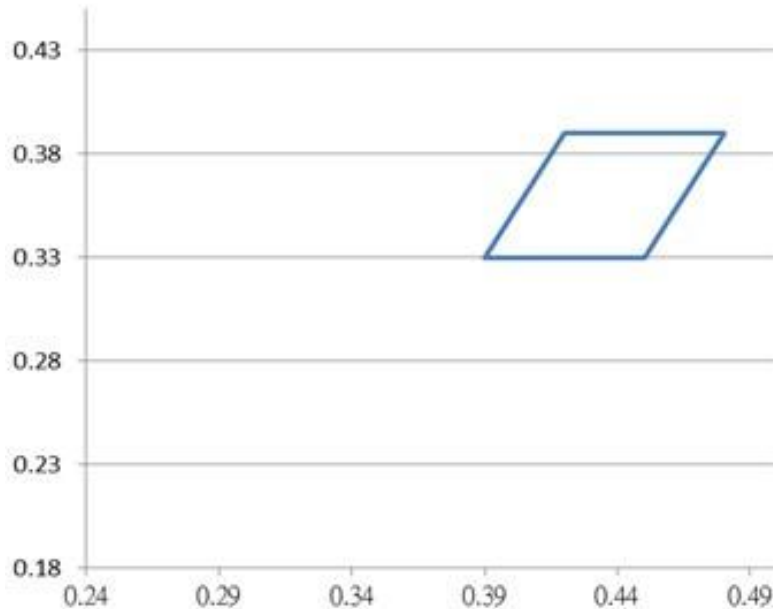
Within one years, must be greater than the specification brightness light efficiency of 70%.



**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



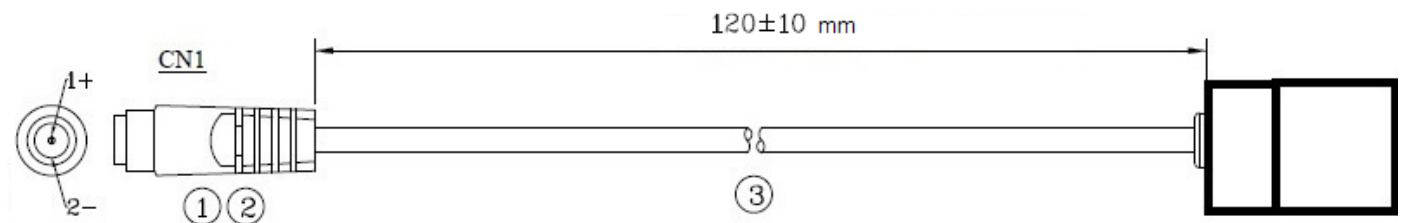
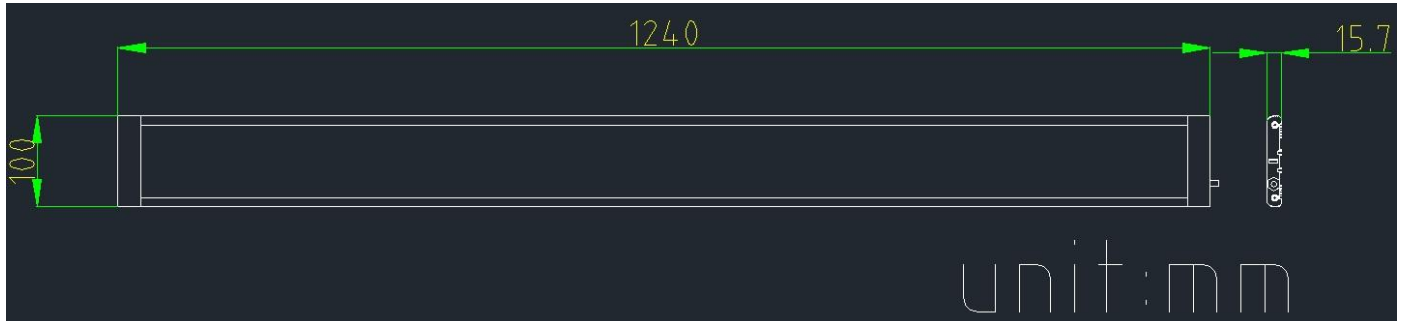
CIE X./Y : DSC --- (0.39, 0.33) (0.42, 0.39) (0.48, 0.39) (0.45, 0.33)

## Electronic Characteristic

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

Item	EL-B04L1200-DSC-D4846W
LED Quantity	240pcs
DC V input	48V
DC I input	960mA
Power Dissipation	46w
Heat-Sink Spec.	Aluminum
PCB Spec.	FR4
L/W/H	1240mm (±2.5mm)/100mm(±2.5mm)/15.7mm(±0.5mm)
Net weight	1350g±50g

## Product size & Photo

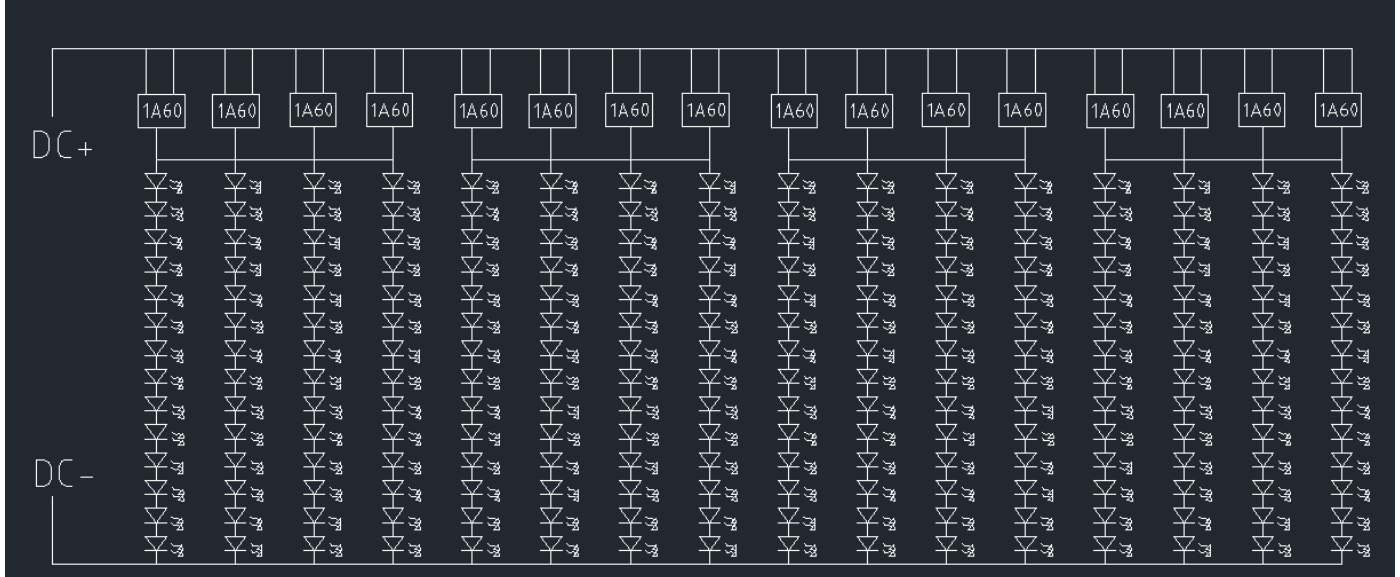


3	CABLE	UL2464#24*2C(STD) OD:3.5mm	1	BLACK(0)
2	PLASTIC	PVC45P/80°C		BLACK(0)
1	DC JACK	(5.5*2.1mm)DC-0236-3	1	金度金泉
NO	PART NAME	PART NO	Q'TY	COLOR



Drawing No.	Rev.	Date	Page
EL-B04L1200-DSC-D4846W	B	2018/08/22	6/8

## Typical Internal Equivalent Circuits

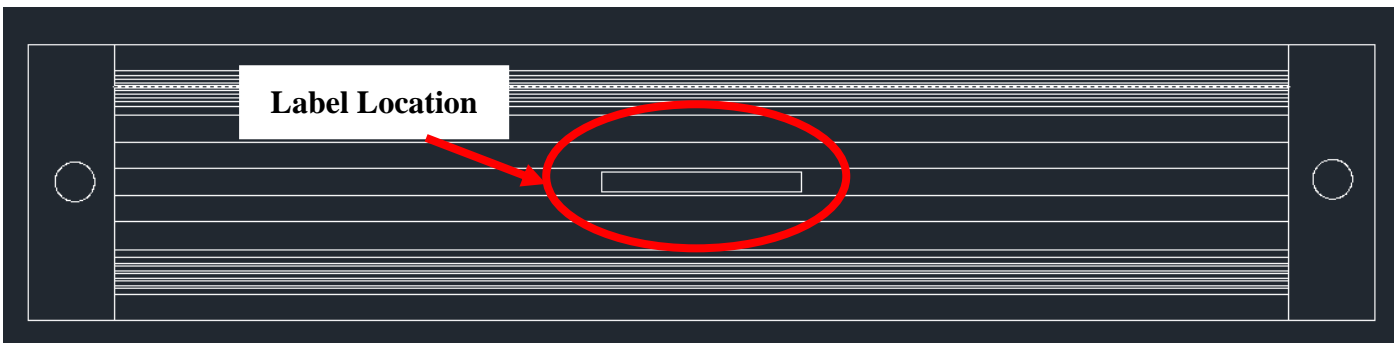


## Label Format



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

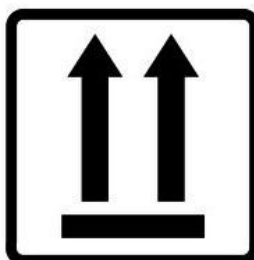
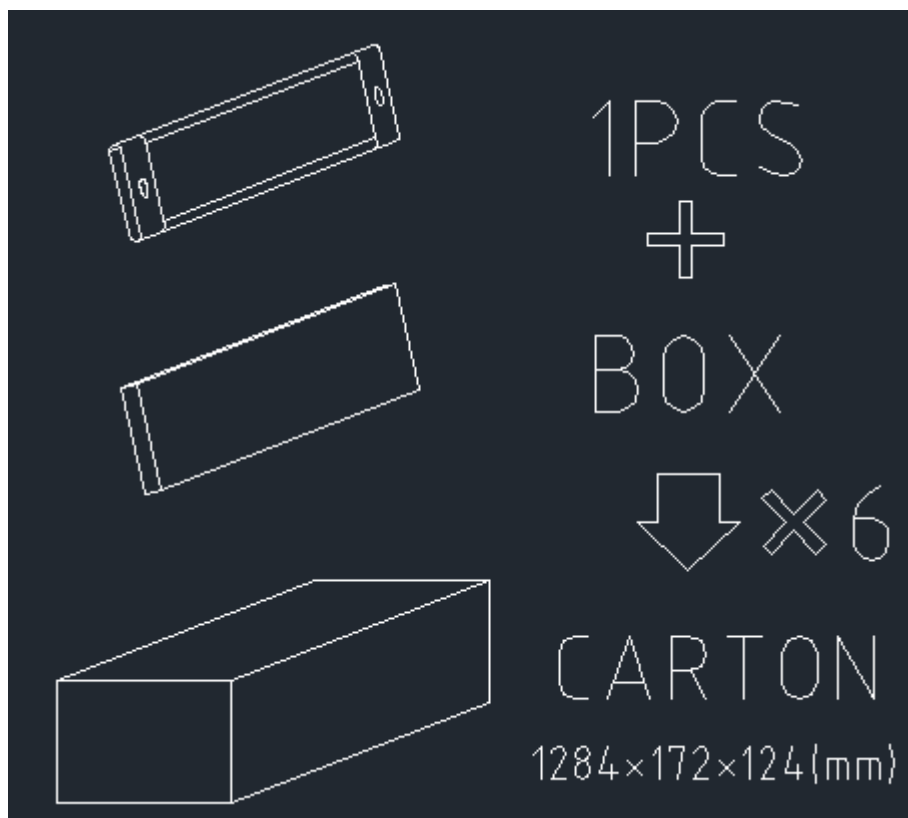
## Label Location:



## Optical Characteristic

Item	EL-B04L1200-DSC-D4846W
Viewing Angle	120°
$\mu\text{Mol/s}\cdot\text{m}^2$ (The center of the amount of survey)	120±20% @30cm(center) (without Linear fresnel film)
Light recipe	DSC

## Package information



Drawing No.	Rev.	Date	Page
EL-B04L1200-DSC-D4846W	B	2018/08/22	8/8

## Fitting Part



### Use the illustration:

