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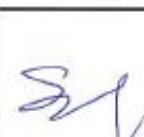
APPROVAL SHEET

Part No: **EL-B02L1200-DSB-D4830W**

NOTE :

WIDE-BAND



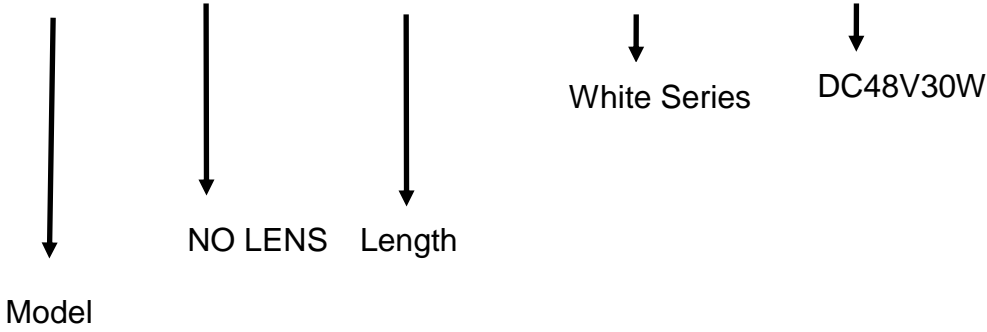
MAKER			CUSTOMER	
				
R&D	QA	Sales	Checked	Approved
				

Prepared	Checked	Approved
Rachel Lee	Evan Chang	Kenneth Wu

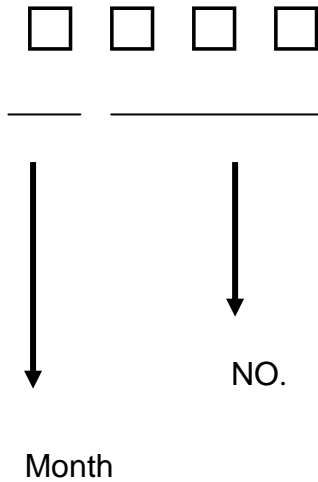
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Description of P/N No.

EL - B02L1200 - DSB - D4830W



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-DSB-D4830W

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 (±2.5mm)mm (W) 100 (±2.5mm)mm (H) 15.7 (±0.5mm)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

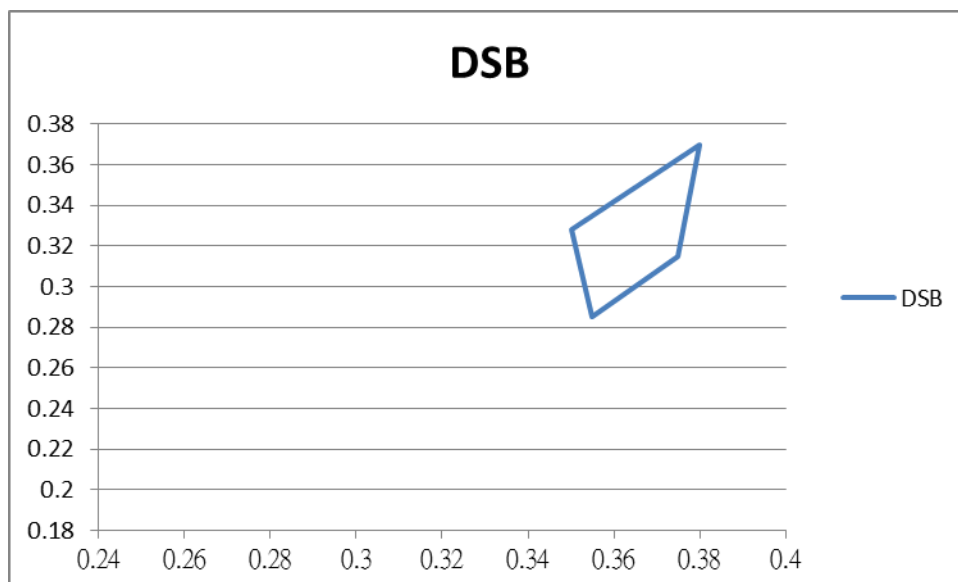
Warranty

Warranty 1years.

Should not have an adverse early.

Within 1 years, must be greater than the original brightness light efficiency of 80%.

Chromaticity Coordinate



CIE X./Y :

B1 --- (0.350, 0.328) (0.380, 0.370) (0.375, 0.315) (0.355, 0.285)

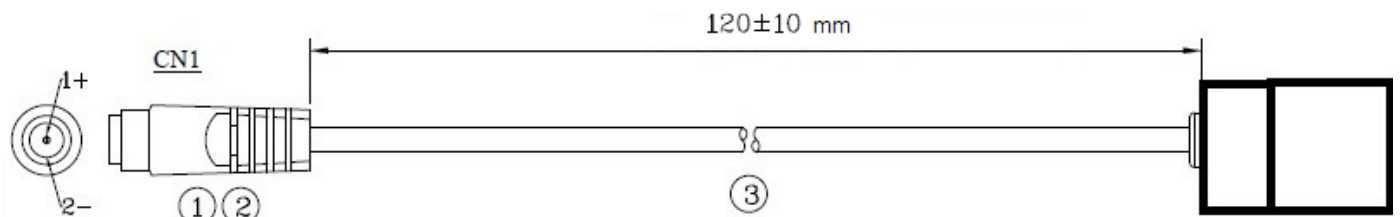
Electronic Charateristic

Absolute Maximum Ratings at T_a=25°C

Item	EL-B02L1200-DSB-D4830W
LED Quantity	240pcs
DC V input	47~50V
DC I input	600mA±10%
Power Dissipation	28.8w±10%
Heat-Sink Spec.	Aluminum
PCB Spec.	FR4
L/W/H	1240mm (±2.5mm)/100mm(±2.5mm)/15.7mm(±0.5mm)
Net weight	1350g±50g

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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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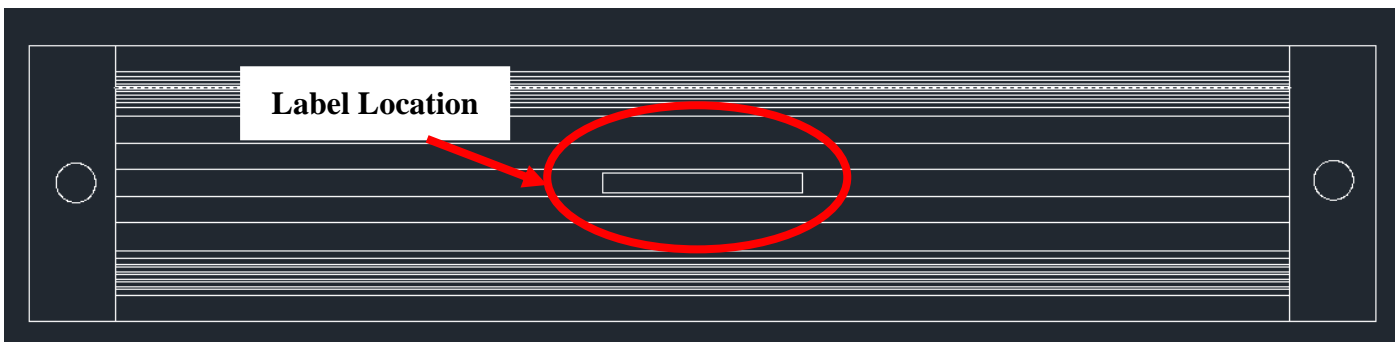
Typical Internal Equivalent Circuits



Label Format

SOLIDLITE <small>詮興開發科技股份有限公司</small>	EL-B02L1200-DSB-D4830W LED Flat Panel 48V30W LED平板燈48V30W	輸入電圧: DC48V 消耗功率: 輸入電流:	1531 <small>MADE IN TAIWAN</small>
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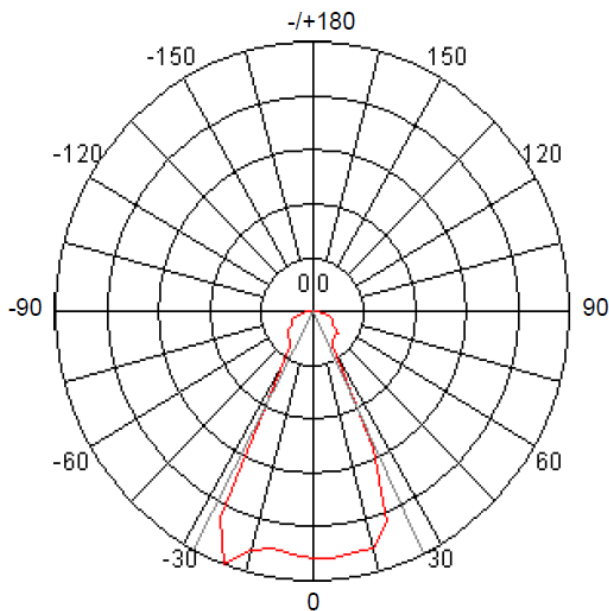
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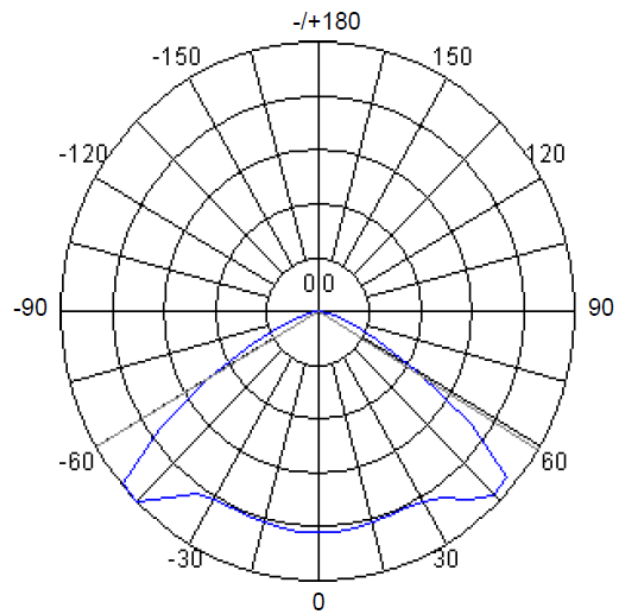
Optical Characteristic

Item	EL-B02L1200-DSB-D4830W
Viewing Angle	108°(W)~120°(L)
$\mu\text{Mol/s}\cdot\text{m}^2$ (The center of the amount of survey)	60±20% @ 30cm(center) (without Linear fresnel film) (Measurement device model : HD 2102.2 Made in Italy)
Light recipe	DSB
Dimming & Protection Requirements	According to power supply
Waterproof IP ratings	IP66 *Claims and Test Results:The claims are mainly based on results from tests conducted by SGS.(Report No.:OC-2016-300041)

Light distribution curve



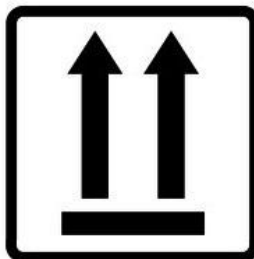
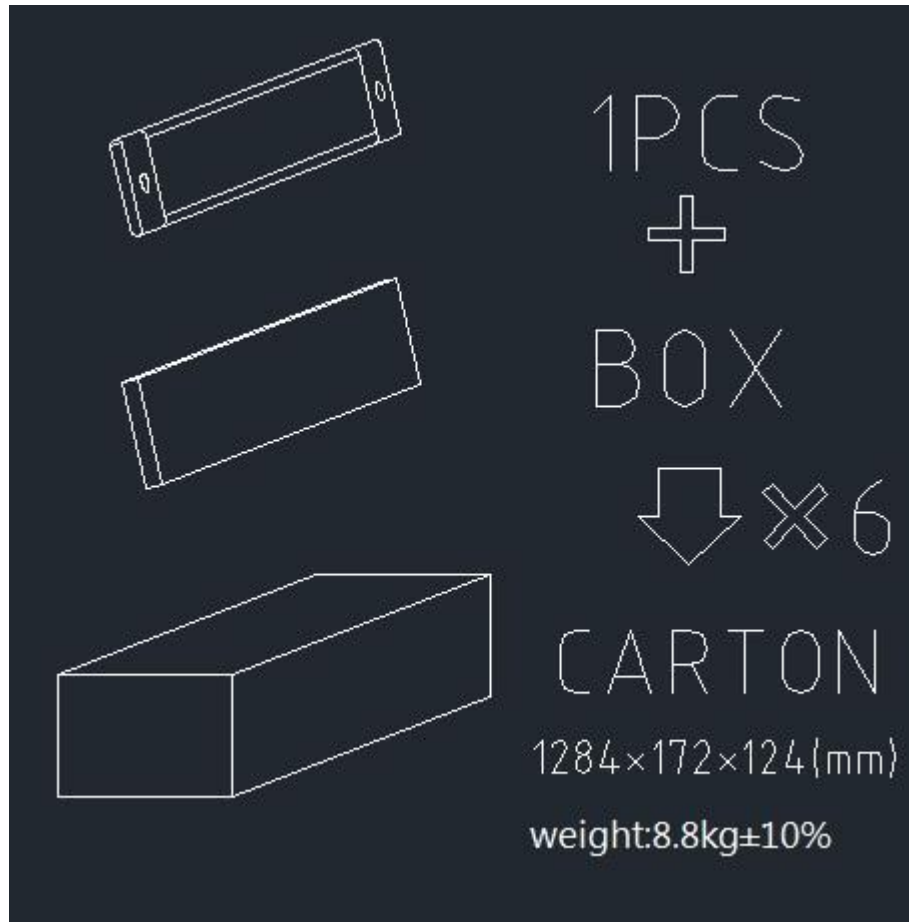
Average beam angle(50%):53.62°



Average beam angle(50%):119.01°

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Package information



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Fitting Part

L-HOLDER 2set(4PCS)



Use the illustration:

