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APPROVAL SHEET

Part No: **EL-B02L0600-DSA-D4823W**

NOTE :

WIDE-BAND



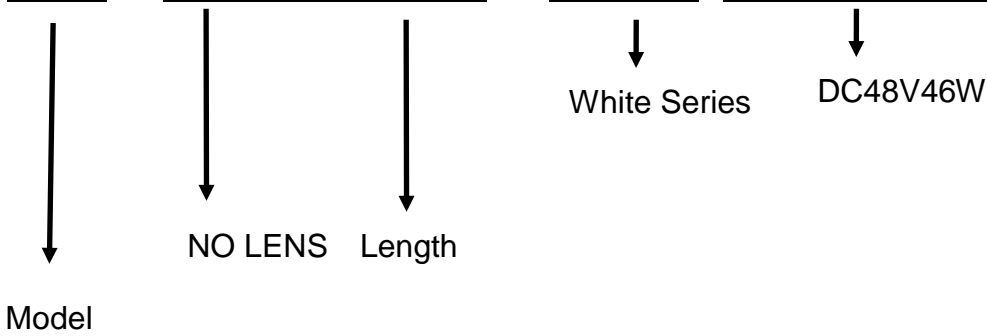
MAKER			CUSTOMER	
				
R&D	QA	Sales	Checked	Approved
				

Prepared	Checked	Approved
Rachel Lee	Evan Chang	Kenneth Wu

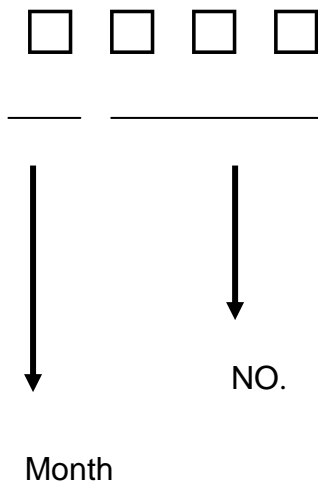
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Description of P/N No.

EL - B02L0600 - DSA - D4823W



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-B02L0600-DSA-D4823W

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)640 (±2.5mm)mm (W) 100 (±2.5mm)mm (H) 15.7 (±0.5mm)mm

Input Voltage /Current : DC48V/480mA

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

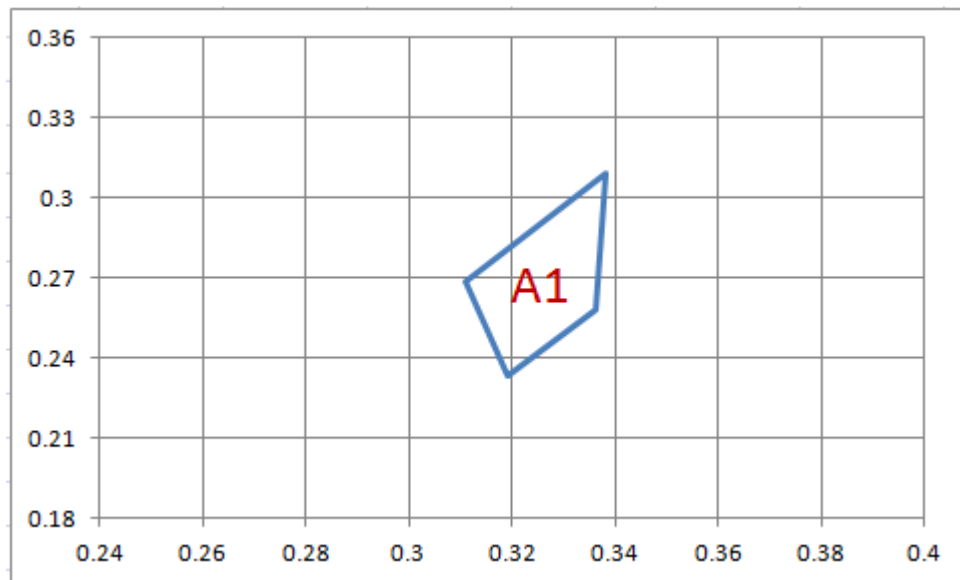
Warranty

Warranty 1years.

Should not have an adverse early.

Within 1 years, must be greater than the original brightness light efficiency of 70%.

Chromaticity Coordinate



CIE X./Y :

A1 --- (0.311, 0.269) (0.338, 0.309) (0.336, 0.258) (0.319, 0.233)

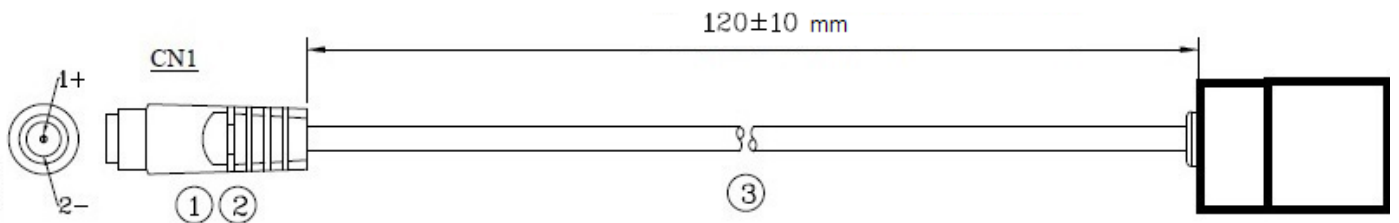
Electronic Charateristic

Absolute Maximum Ratings at T_a=25°C

Item	EL-B02L0600-DSA-D4823W
LED Quantity	120pcs
DC V input	47~50V
DC I input	480mA±10%
Power Dissipation	23w±10%
Heat-Sink Spec.	Aluminum
PCB Spec.	FR4
L/W/H	640mm (±2.5mm)/100mm(±2.5mm)/15.7mm(±0.5mm)
Net weight	700g±50g

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Product size & Photo

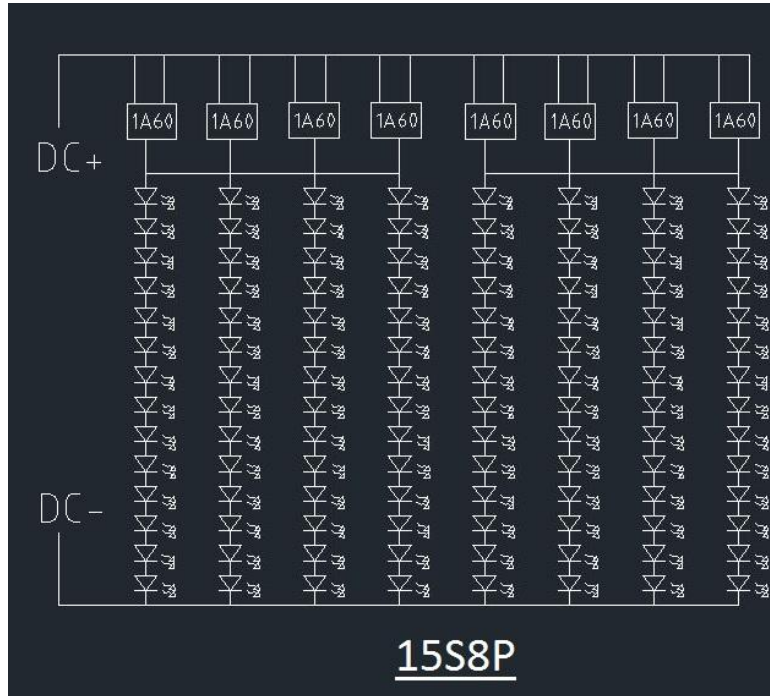


3	CABLE	UL2464#24*2C(STD) OD: 3.5mm	1	BLACK(0)
2	PLASTIC	PVC45P/80°C		BLACK(0)
1	DC JACK	(5.5*2.1mm)DC-0236-3	1	金度金泉
NO	PART NAME	PART NO	Q'TY	COLOR



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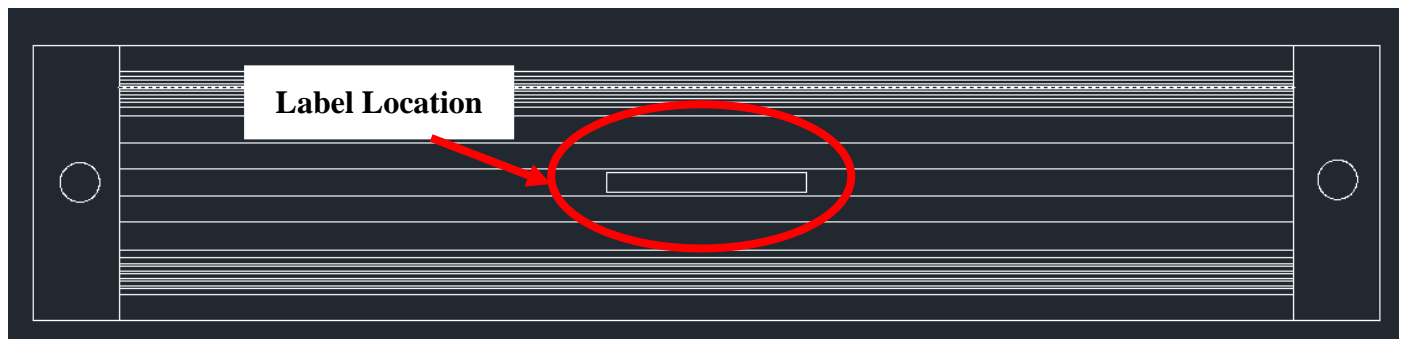
Typical Internal Equivalent Circuits



Label Format

SOLIDLITE <small>詮興開發科技股份有限公司</small>	EL-B02L0600-DQM-D4823W LED Flat Panel 48V23W LED平板燈 48V23W	輸入電圧: DC48V 消耗功率: 輸入電流:	1531 <small>MADE IN TAIWAN</small>
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Label Location:

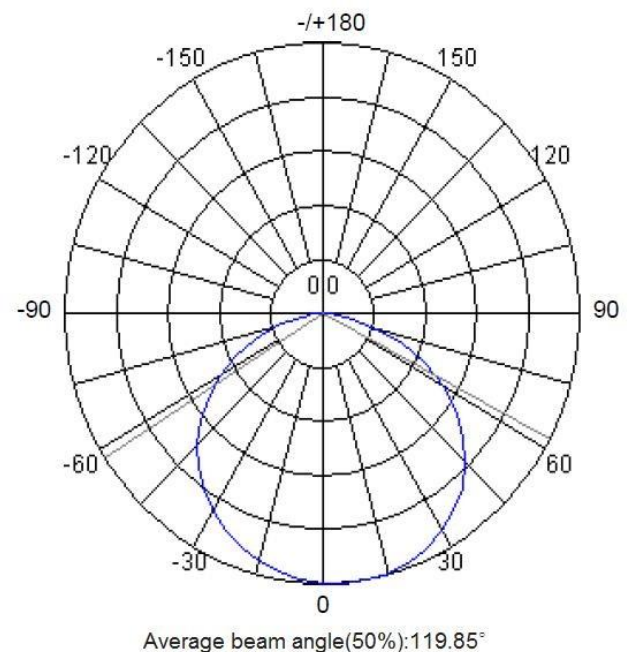
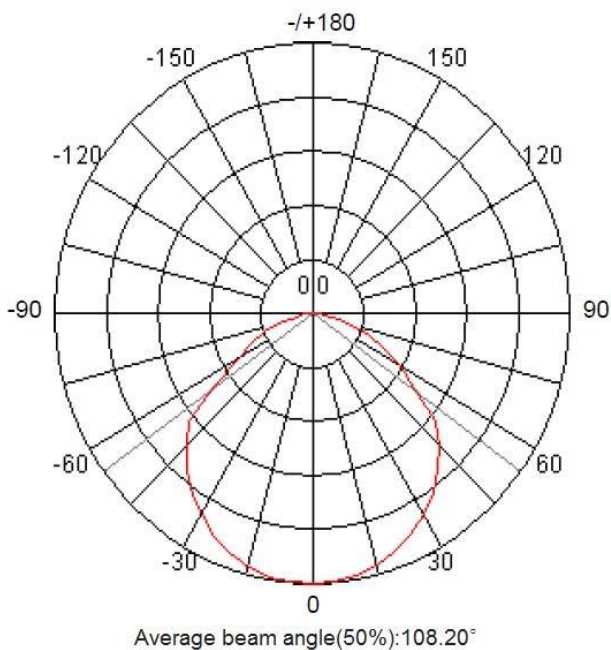


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Optical Characteristic

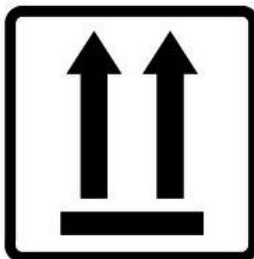
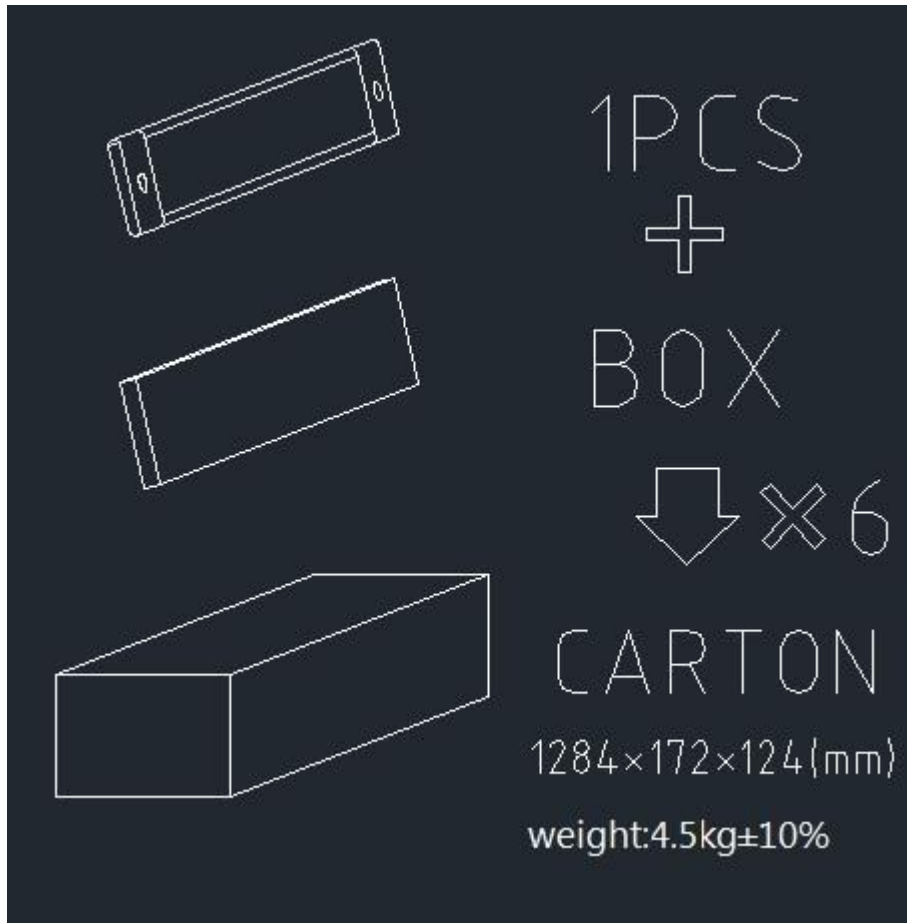
Item	EL-B02L0600-DSA-D4823W
Viewing Angle	108°(W)~120°(L)
$\mu\text{Mol/s}\cdot\text{m}^2$ (The center of the amount of survey)	70~120@30cm(center) (without Linear fresnel film) (Measurement device model : HD 2102.2 Made in Italy)
Light recipe	DSA
Dimming & Protection Requirements	According to power 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



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Package information



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BOM LIST



BOM表

Part No: EL-B02L0600-DQM-D4823W

P/N: HL3528A/DQM(120ea/set)/600mm/2FT23W

項次	P/N	SPEC	unit	Quantity	備註
1	LED	HL3528A-DQM-060mA VF=2.8~3.3	ea	120	
2	PCB	FR4-通孔 Size: 590mm±0.1mm×73mm±0.1mm×1.0mm±0.1mm OSP	PCS	1	
3	aluminum	600±0.45mm×100±0.45mm, t: 15.7mm±0.2mm, Material: AL-6063,	PCS	1	
4	lampshade	598.x88.8±0.5mm, t: 1.5±0.3mm, Material: PMMA	PCS	1	
5	Screw	Iron plated nickel(4+0.1/-0.3*4+0.1/-0.4)	PCS	16	
6	Screw	plating(圓頭5.5+0/-0.5*15+0/-0.5)	PCS	4	
7	CAP	L100.5(±1mm)*W26.13mm(±.5mm)*T15.78mm(±0.5mm) Material: PC	PCS	2	
8	Cable	DC PLUG 5.5*2.1+#24*2C/3T L: 500mm	PCS	1	
9	Cable	DC JACK 5.5*2.1+#24*2C/3T+SR L: 120mm	PCS	1	
10	Silicone	Silicone	g	25	
11	L-HOLDER	L-HOLDER	SET	2	

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Fitting Part

L-HOLDER 2set(4PCS)



Use the illustration:

