





APPROVAL SHEET

Part No: **EL-B05L1200-DSM-D4890W**

NOTE :

WIDE-BAND

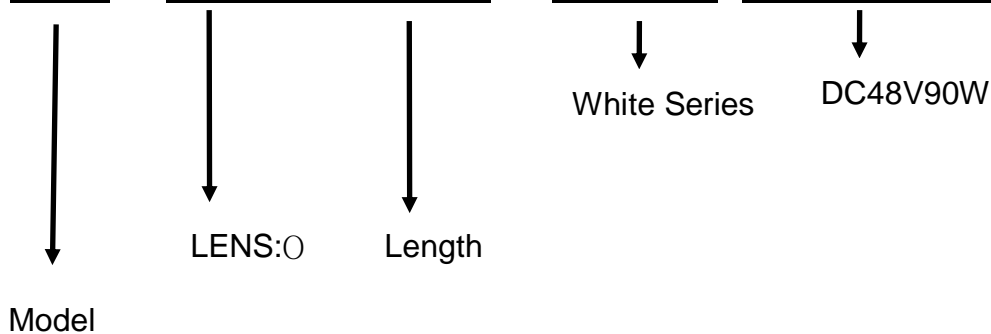


MAKER			CUSTOMER	
				
R&D	QA	Sales	Checked	Approved
				

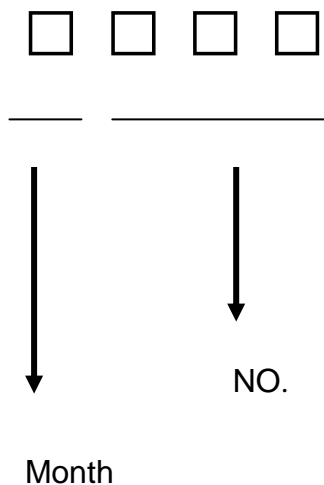
Prepared	Checked	Approved
Rachel Lee	Evan Chang	Kenneth Wu


Description of P/N No.

EL - B05L1200 - DSM - D4890W



Description of Lot.





Solidlite Corp.

P/N : _____

Lot : _____

Date: _____ . Rank: _____

Q'ty : _____ . QA : _____

Specification for Approval

Product : LED FLAT PANEL

Part Number : EL-B05L1200-DSM-D4890W

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)1200 (±2.5mm)mm (W) 100 (±2.5mm)mm (H) 29.77 (±0.5mm)mm

Input Voltage /Current : DC48V/1.92A

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.

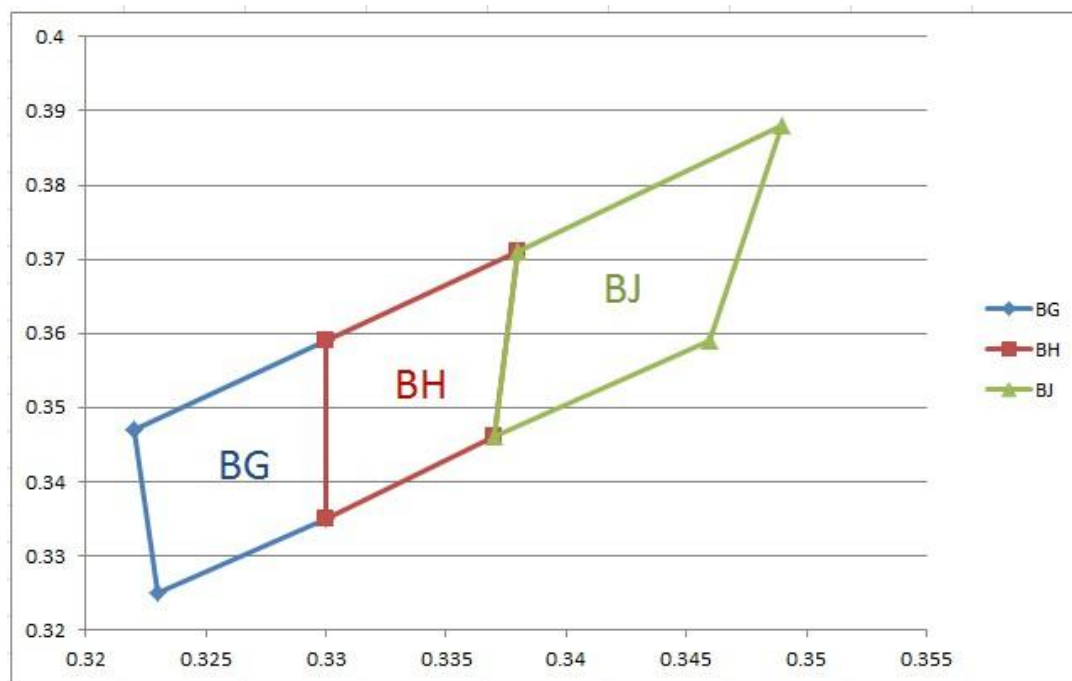
Within 1 years, must be greater than the original brightness light efficiency of 80%.



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:

BG: (0.322,0.347)(0.330,0.359)(0.330,0.335)(0.323,0.325)

BH: (0.330,0.359)(0.338,0.371)(0.337,0.346)(0.330,0.335)

BJ: (0.338,0.371)(0.349,0.388)(0.346,0.359)(0.337,0.346)

Electronic Characteristic

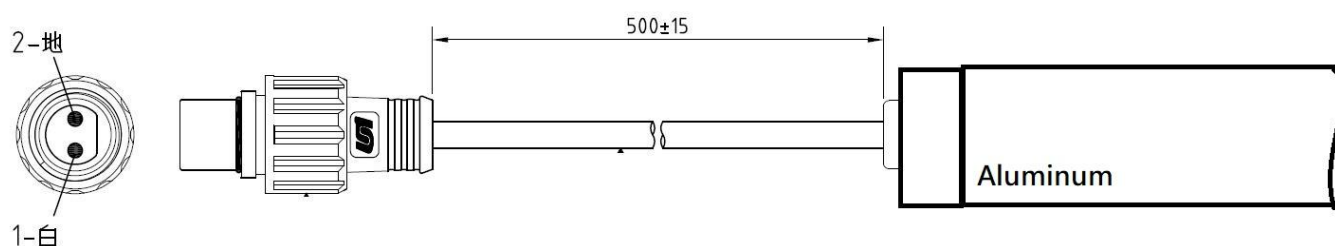
Absolute Maximum Ratings at $T_a=25^{\circ}\text{C}$

Item	EL-B05L1200-DSM-D4890W
LED Quantity	504pcs
DC V input	47~50V
DC I input	1.92A \pm 10%
Power Dissipation	92w \pm 10%
Heat-Sink Spec.	Aluminum
PCB Spec.	MCPCB
L/W/H	1200mm (\pm 2.5mm)/100mm(\pm 2.5mm)/29.77mm(\pm 0.5mm)
Net weight	1500g \pm 70g

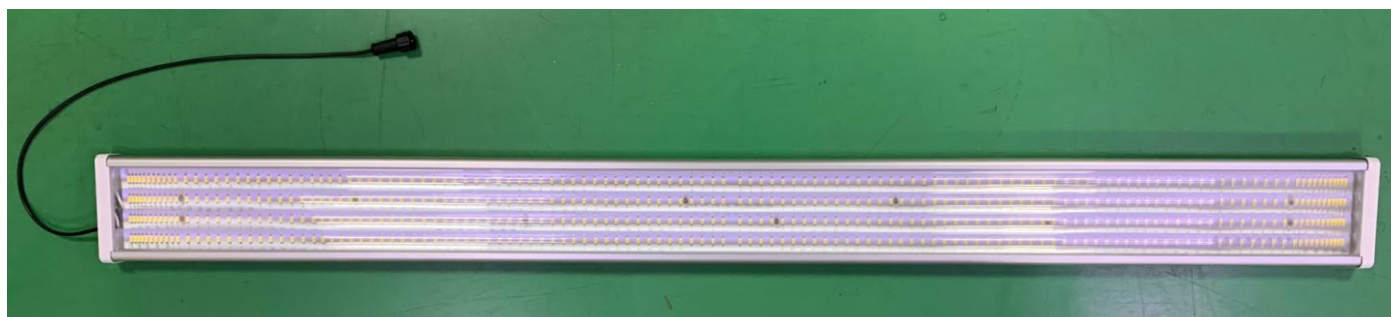
Product size & Photo



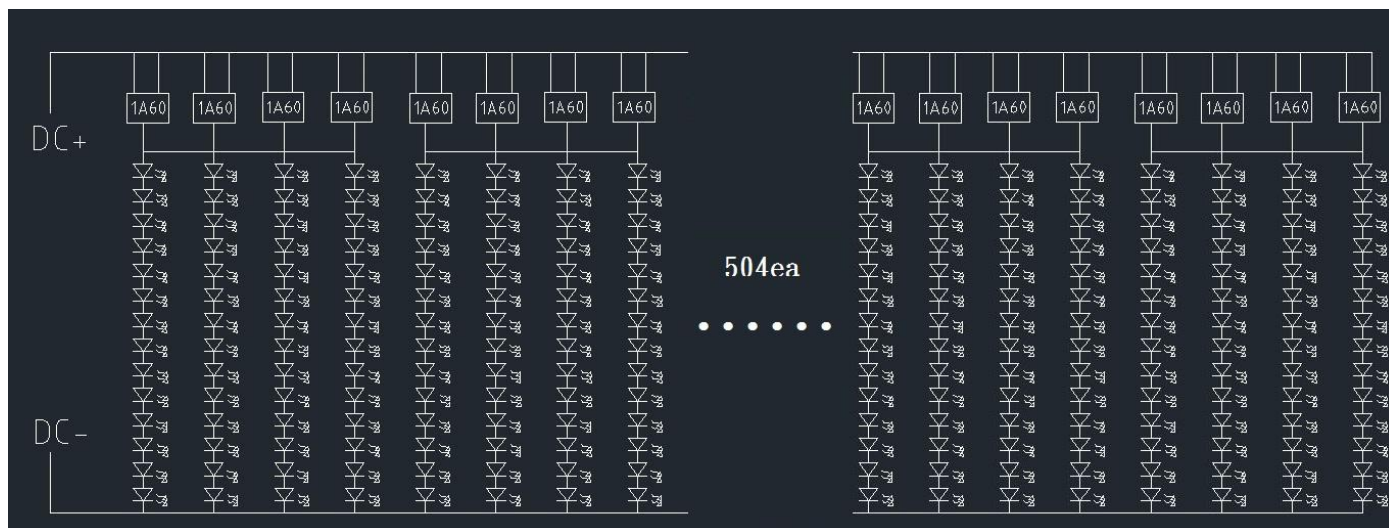
Cable size



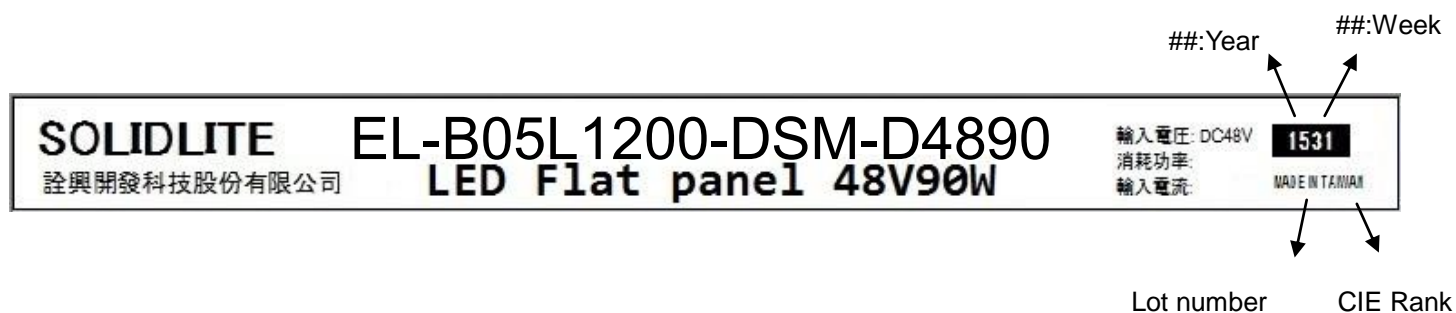
FLAT PANEL Photo



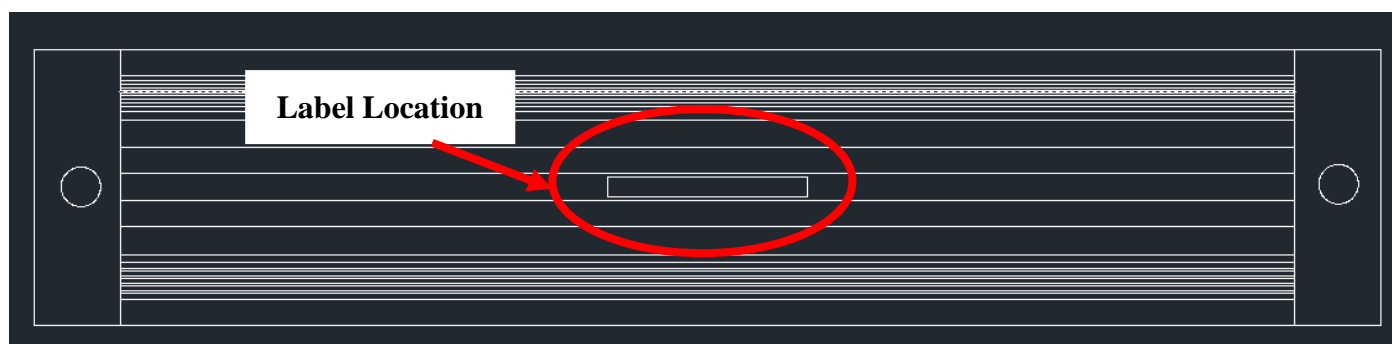
Typical Internal Equivalent Circuits



Label Format



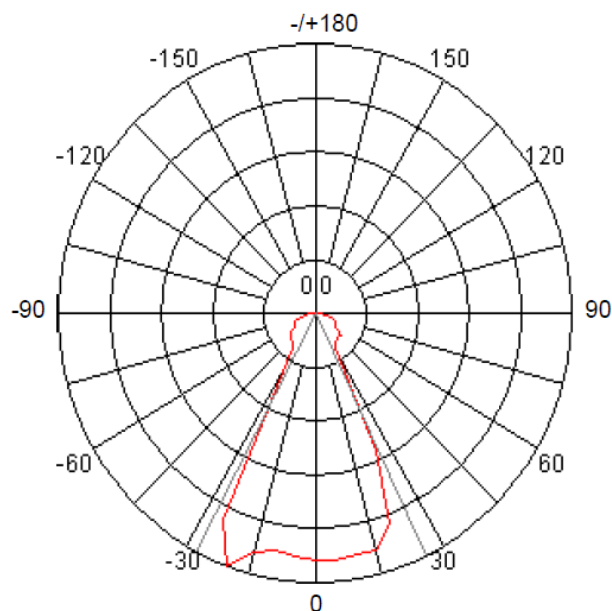
Label Location:



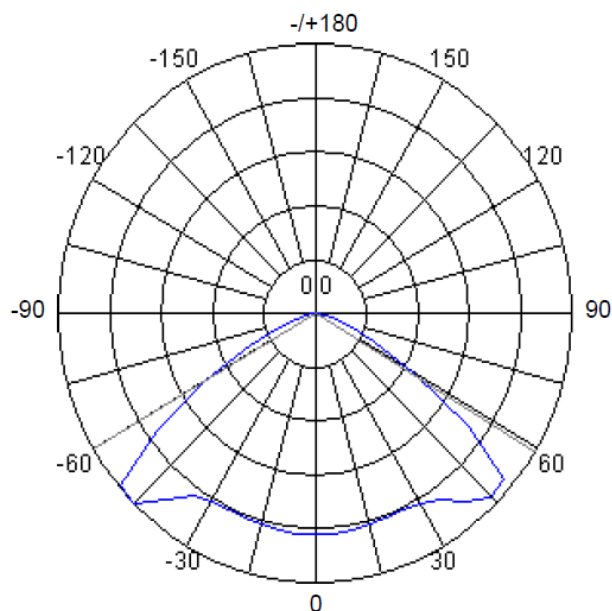
Optical Characteristic

Item	EL-B05L1200-DSM-D4890W
Viewing Angle	54°(W) ±5° / 120°(L) ±5°
$\mu\text{Mol/s}\cdot\text{m}^2$ (The center of the amount of survey)	>350@30cm(center) (contain Linear fresnel film) (Measurement device model : HD 2102.2 Made in Italy)
Light recipe	DSM
Dimming & Protection Requirements	According to power supply
Waterproof IP ratings	IP66 <i>*Claims and Test Results:The claims are mainly based on results from tests conducted by SGS.(Report No.:OC-2016-300041)</i>

Light distribution curve

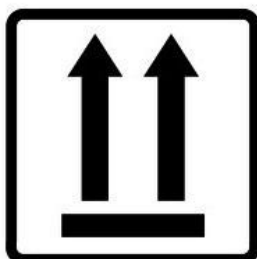
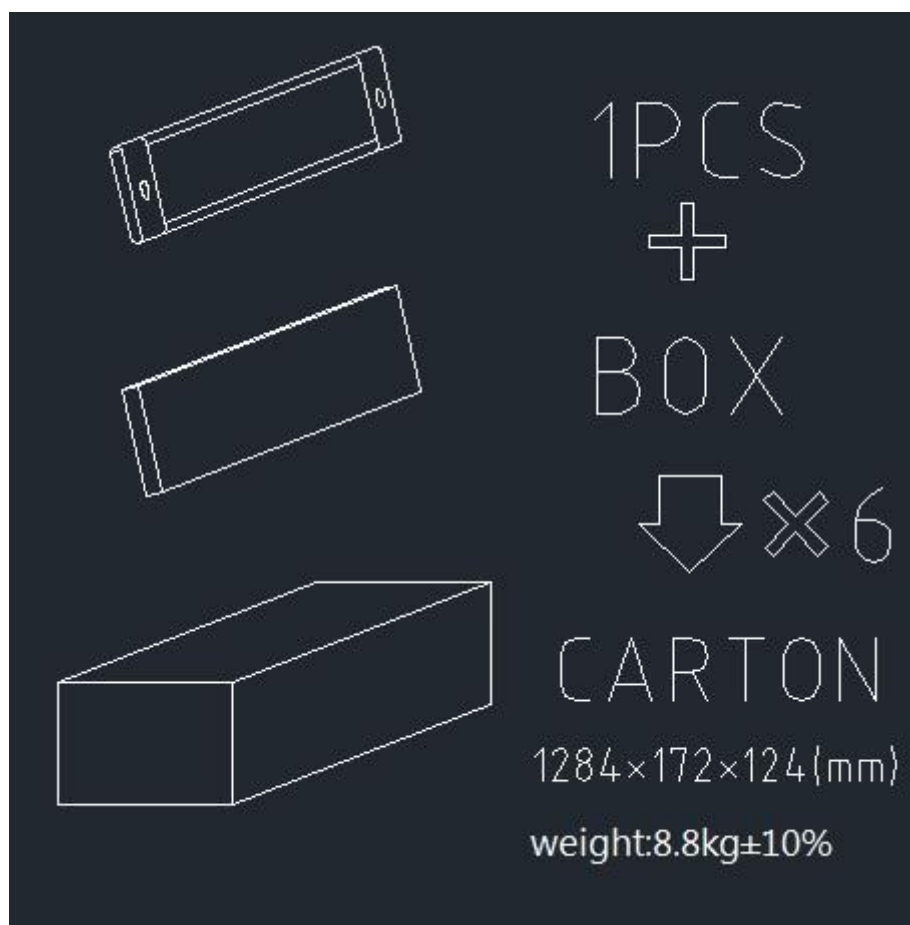


Average beam angle(50%):53.62°



Average beam angle(50%):119.01°

Package information



Fitting Part

L-HOLDER 2set(4PCS)



Use the illustration:

