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APPROVAL SHEET

Part No: **HL3528A-DSM-040W-BF224Z9**

NOTE :

WIDE-BAND


MAKER			CUSTOMER	
				
R&D	QA	Sales	Checked	Approved
				

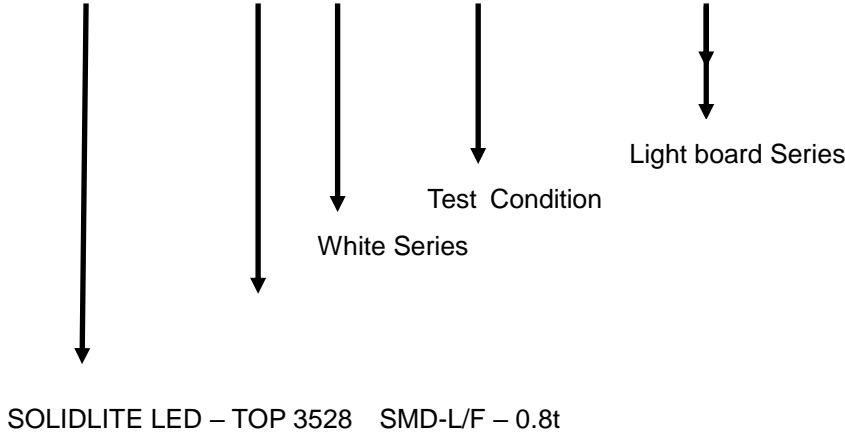
Prepared	Checked	Approved
Rachel Lee	Evan Chang	Kenneth Wu



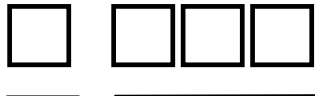
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A. Description of P/N No.

HL3528A-D SM-040W-BF224Z9



Description of Lot.



Solidlite Corp. 

P/N : _____

Lot : _____

Date: _____ . Rank: _____

Q'ty : _____ . QA : _____

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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

Outline Dimension: 490mm*290mm*9mm (±0.5mm)mm

Input Voltage /Current: DC48V/840mA

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

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

Safety warning

Cautions:

Keep the luminaire from falling to ground.

Warranty

Warranty 1 year.

Within three years, should be greater than the original brightness light efficiency of 70%.

Warnings

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

B. LED Board Data

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

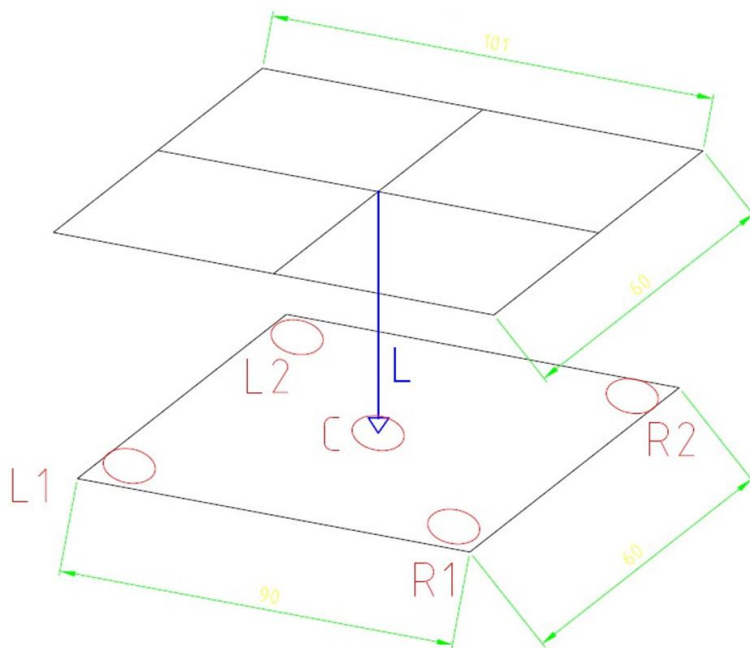
Parameter	Symbol	Rating	Unit
Power Dissipaion	Pd	44.4	W
D.C. Forward Current	If	924	mA
Dimming & Protection Requirements	According to power supply		

Parameter	Test Condition	Symbol	Min.	Typ.	Max.	Unit
Forward Current	If=840mA	Vf	47	48	50	V

Recommend forward current for longer duration is 840mA.
 These values measured by Optical Spectrum Analyzer of SOLIDLITE.

Characteristic of light (Measurement device model : DELTA HD 2102.2)

LED BOARD ×4

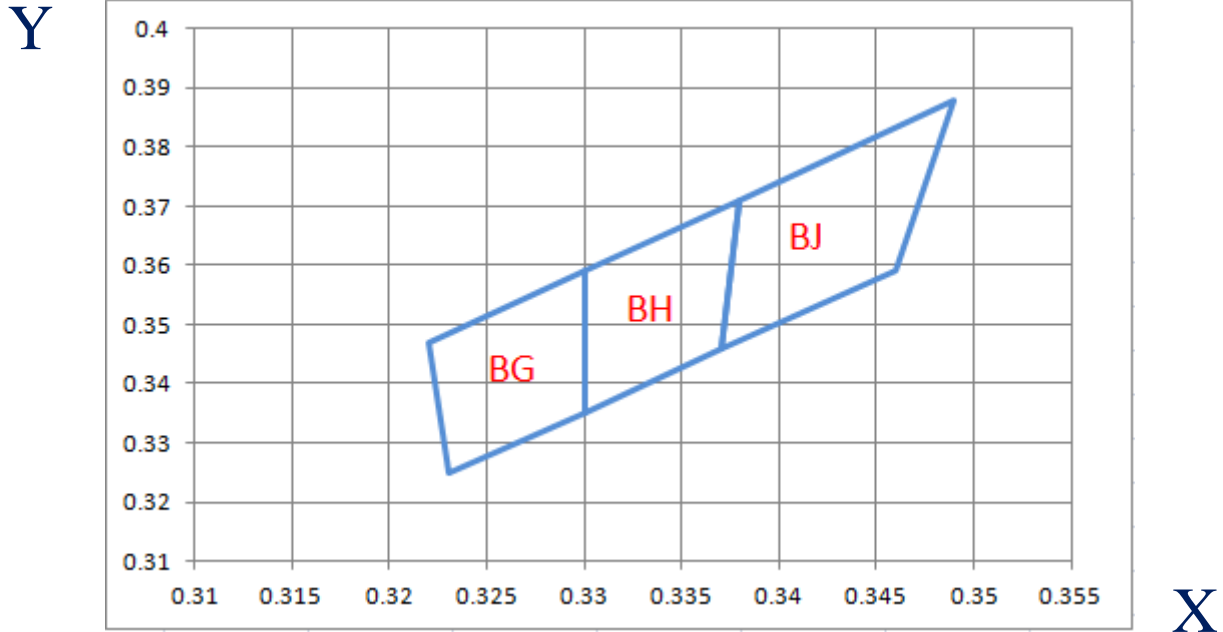


Distance(L)	Center(Typ.)
20cm	269
25cm	243
30cm	201
35cm	157
40cm	135

Unit: $\mu\text{mol}/\text{m}^2/\text{s}$

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Chromaticity Coordinate



CIE X-Y:

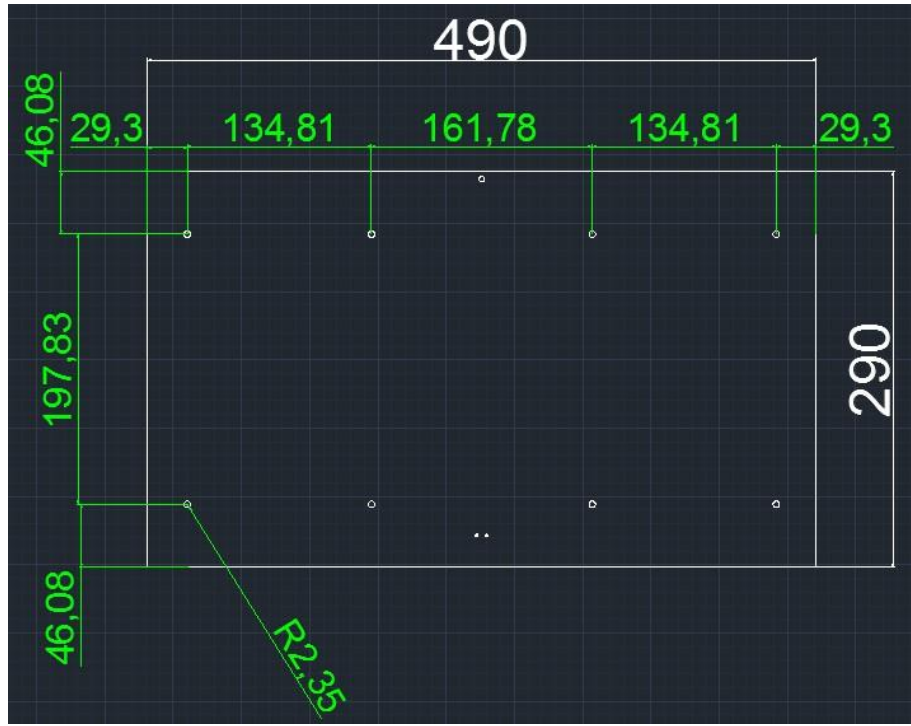
BG --- (0.322,0.347) (0.330,0.359) (0.330,0.335) (0.323,0.325)

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)

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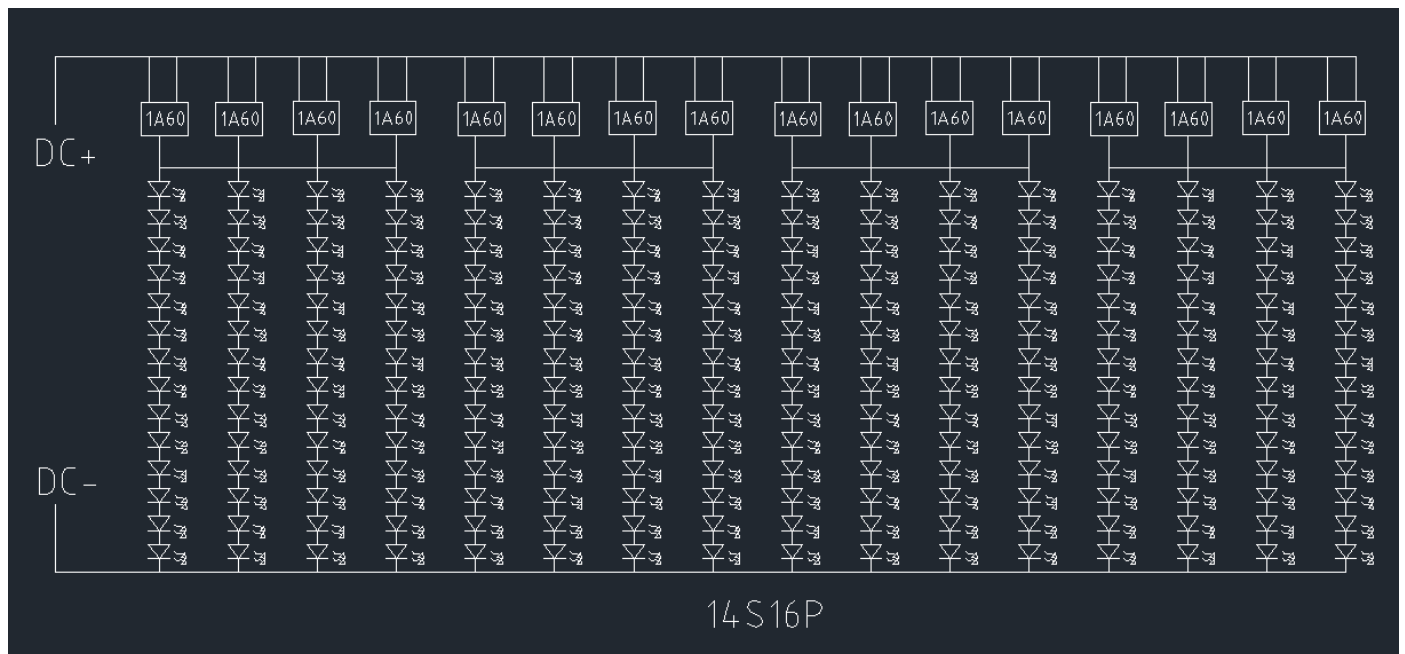
LED Board Dimensions



Outline Dimension & Tol. : 490mm ×290mm ×9 mm /±0.5mm

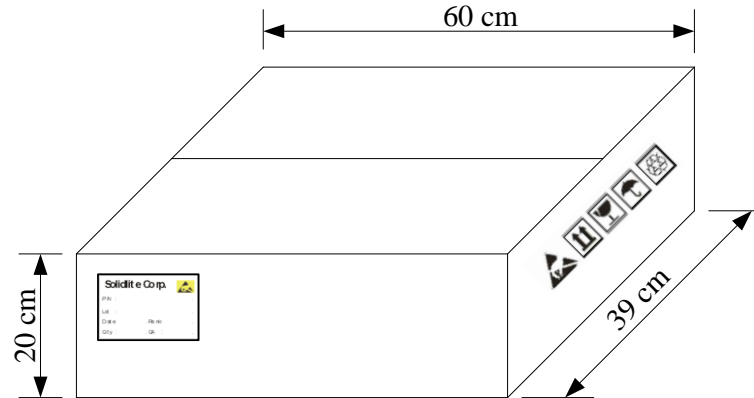
Board Thickness & Tol. : 1 mm /±0.15mm

Typical Internal Equivalent Circuits



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C. Package



15pcs / Big Carton Total : 15pcs

✘ **This product is not waterproof.**

