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APPROVAL SHEET

Part No: **HL3528A-DSC-040W-BF224P1**

NOTE :

WIDE-BAND

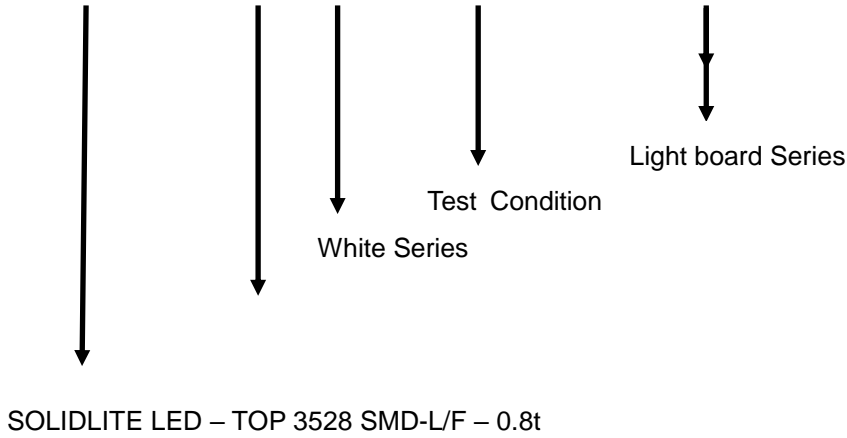

MAKER			CUSTOMER	
				
R&D	QA	Sales	Checked	Approved
				

Prepared	Checked	Approved
Rachel Lee	Evan Chang	Kenneth Wu

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A. Description of P/N No.

HL3528A-D SC-040W-BF224P1



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

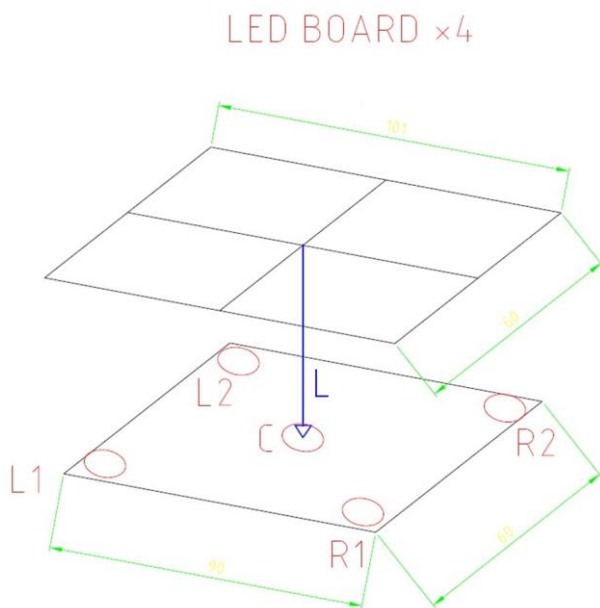
Absolute Maximum Ratings at $T_a=25^\circ\text{C}$

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)

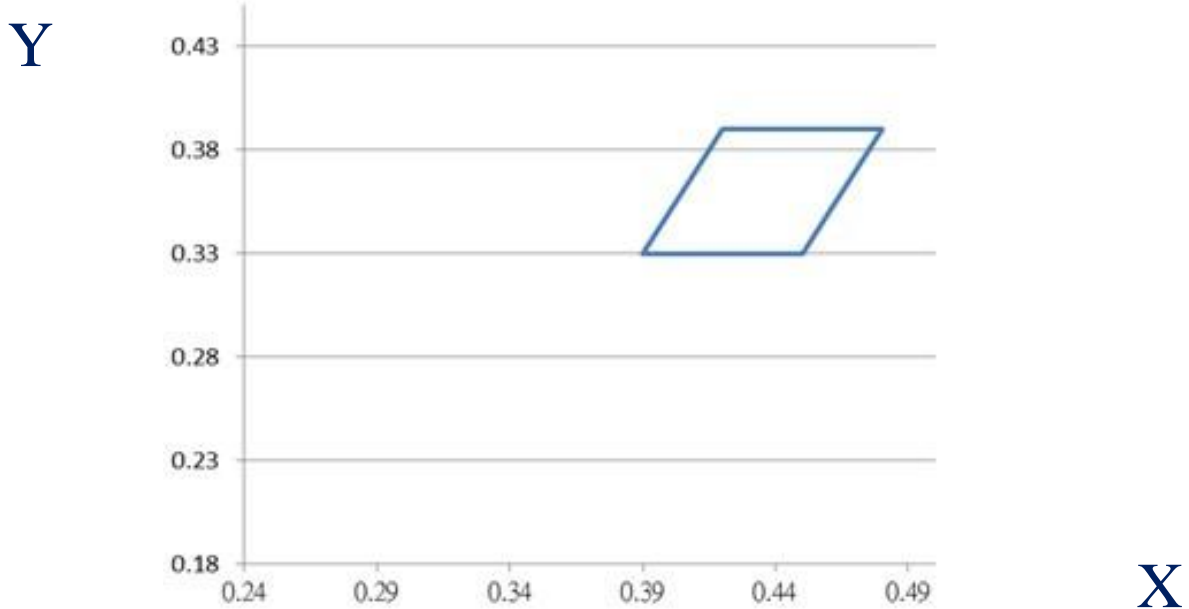


Distance(L)	Center(Typ.)
20cm	281
25cm	261
30cm	194
35cm	161
40cm	134

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

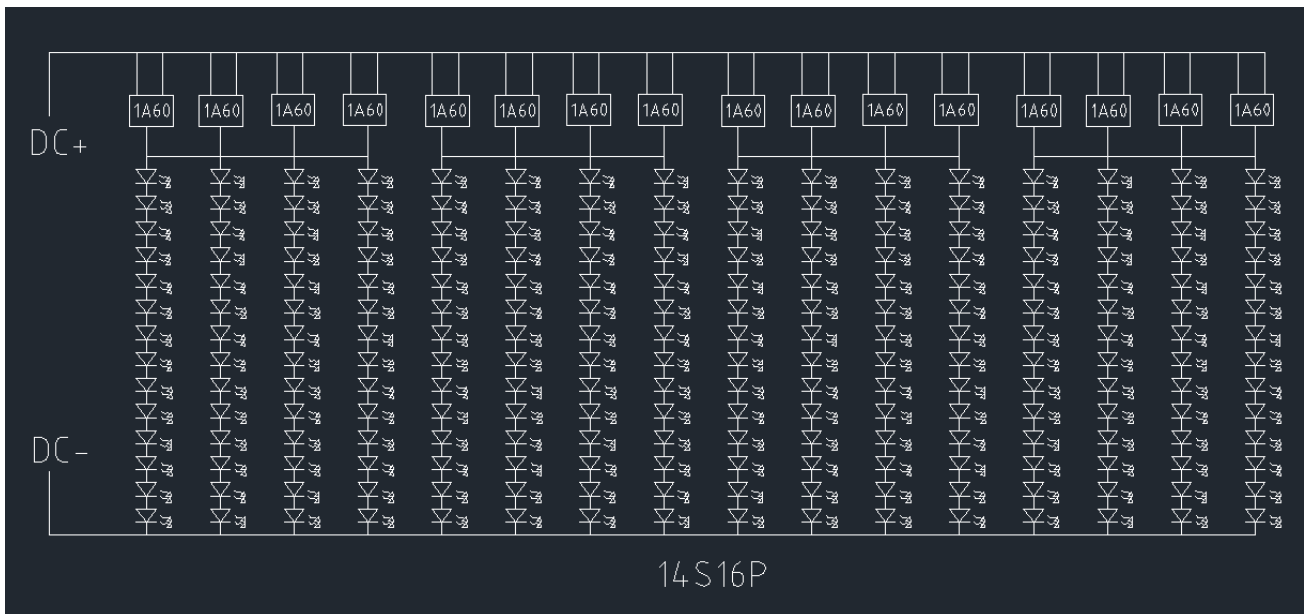
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Chromaticity Coordinate



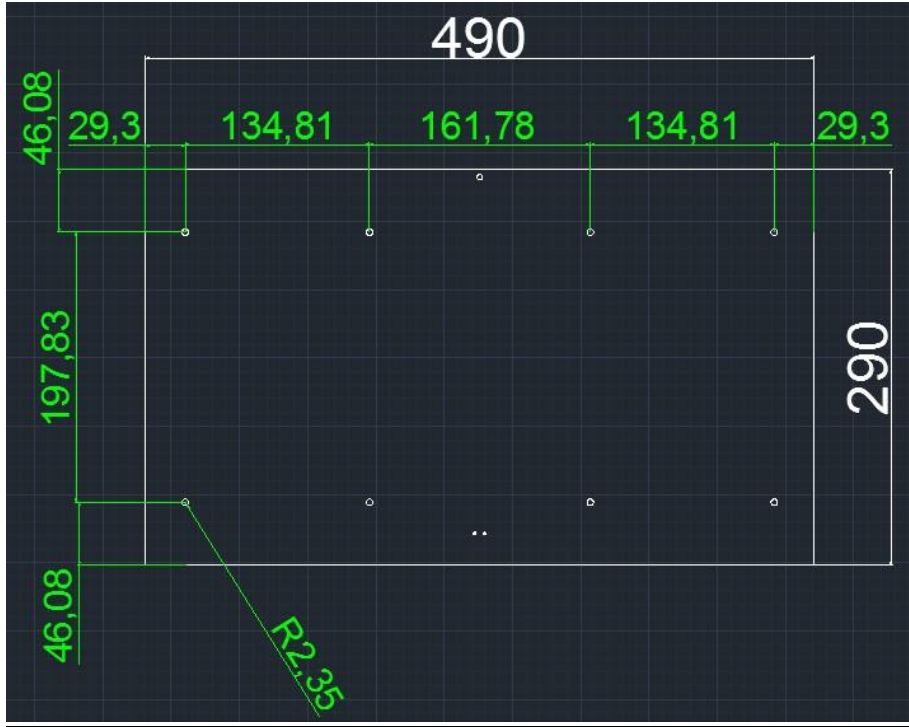
CIE X./Y : DSC --- (0.39, 0.33) (0.42, 0.39) (0.48, 0.39) (0.45, 0.33)

Typical Internal Equivalent Circuits



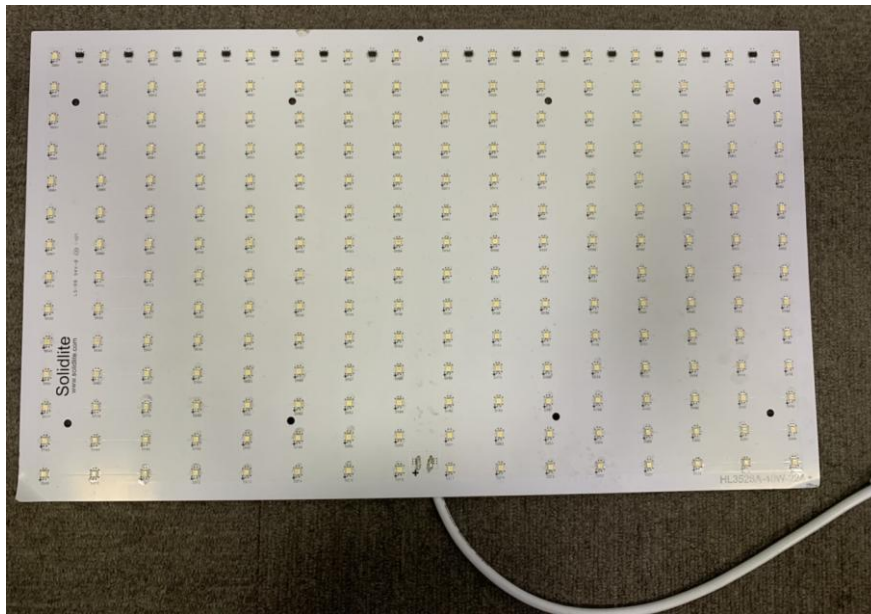
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LED Board Dimensions



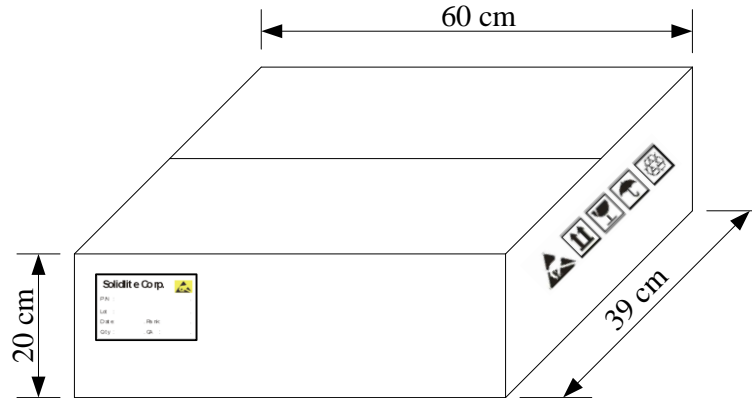
Outline Dimension & Tol. : 490mm x290mm x9 mm /±0.5mm

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



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C. Package



15pcs / Big Carton Total : 15pcs

✳️ **This product is not waterproof.**

