



Report No.: LCS190506095BS

# TEST REPORT

**Client**..... : FUZHOU ACE LED LIGHT CO., LTD.

**Address**..... : Building 71, PuShang Industrial Park, 1 Hong Jiang Road,  
CangShan, Fuzhou, China

**Brand Name**..... : ACE

**Testing Laboratory**.... : Shenzhen Southern LCS Compliance Testing Laboratory Ltd.

**Address**..... : 101-201, No.39 Building, Xialang Industrial Zone, Heshuikou  
Community, Matian Street, Guangming District, Shenzhen, China

**Product Description** .. : LED High Bay Light

**Models**..... : A-CHB320

**Rating**..... : AC 100-240V, 50/60Hz, 320W, CCT. 3000K~5000K

**Method**..... : IEC 62384:2006+A1:2009; Clause 3.2 of AS/NZS 60598.1:2017;  
AS/NZS 60598.2.1:2014+A1:2016+A2:2019

**Date of Test**..... : 2019-08-06~2019-08-08

**Date of Issue**..... : 2019-08-26

**Classification**..... : Commission Test

**Test item**..... : LCP Test

**Test by:**

*Alyson Zhang*

**Check by:**

*Eko Yang*

**Approved by:**



Alyson Zhang/ Project Engineer Eko Yang/ Director

Jesse Liu/ Manager

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<b>Information of product:</b>				
Product description	LED High Bay Light			
Model Number	A-CHB320			
Brand of LED Driver	Inventronics (Hangzhou), Inc.			
Model of LED Driver	EUD-320S670DV			
Rated Inputs	AC 100-240V, 50/60Hz			
Rated Power	320W			
Rated Initial Lamp Lumens	--			
CCT.	3000K~5000K			
LED Package, Array or Module	(2S52P)x2pcs; 208pcs LED chip(s)			
Date of Receipt Samples	August 06, 2019			
Quantity of Receipt Samples	1 unit			
<b>Information of LED chip:</b>				
Brand of the LED chip(s)	LUMILEDS			
Model of the LED chip(s)	LUXEON 5050 (L150-5070502400000)			
Forward voltage of the LED chip(s)	24V			
Forward current of the LED chip(s)	200mA			
<b>General test information</b>				
1, LCP was test under normal operation condition at 230V (+10%/-6%), 50Hz.				
2, LCP was tested with control gear that brand name: Inventronics (Hangzhou), Inc. and model EUD-320S670DV.				
3, LCP was test conducted on the product with the lowest CCT.3000K.				
<b>Test Equipment list</b>				
Equipment No.	Equipment Name	Specification data	Cal. Date	Due Date
SLCS-S-004	Digital Power Meter	0-600Vac, 0-10kW, 0-20A	2019/07/02	2020/07/01
SLCS-S-120	Stopwatch	0.01s – 24h	2019/07/05	2020/07/04



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Test Standard (AS/NZS 60598.1:2017)			
Clause	Requirements	Result of test	Verdict
3.2	Ratings on label	See below table	PASS

Test standard (IEC 62384:2006+A1: 2009)			
Clause	Requirements	Result of test	Verdict
<b>8</b>	<b>Total circuit power</b>		
	At rated voltage, the total circuit power shall not be more than 110% of the value declared by the manufacturer, when the control gear is operated with LED module(s)	See below table	PASS
<b>9</b>	<b>Circuit power factor</b>		
	The measured circuit power factor shall not less than the marked value by more than 0.05 when control gear is operated on its rated wattage with LED modules and whole combination is supplied with rated voltage and frequency	See below table	PASS

## Attachment of Report- Tables

### Ratings on label:

Model No.	Voltage (V)	Frequency (Hz)	Power (W)	Power factor
A-CHB320	AC 100-240V	50/60Hz	320W	N/A

### Measurement LCP Data

Model No.	Measurement Voltage (V)	Measurement Frequency (Hz)	Measurement Power (W)	Measurement Power factor
A-CHB320	AC 220V	50Hz	321.3W	0.991
	<b>AC 230V</b>	<b>50Hz</b>	<b>321.4W</b>	<b>0.988</b>
	AC 240V	50Hz	321.1W	0.985

Verdict:  Pass  Fail

- 1) The total circuit power shall not be more than 110% of the value declared by the manufacturer.
- 2) The measured circuit power factor shall not less than the marked value by more than 0.05.



## Attachment of Report—photos

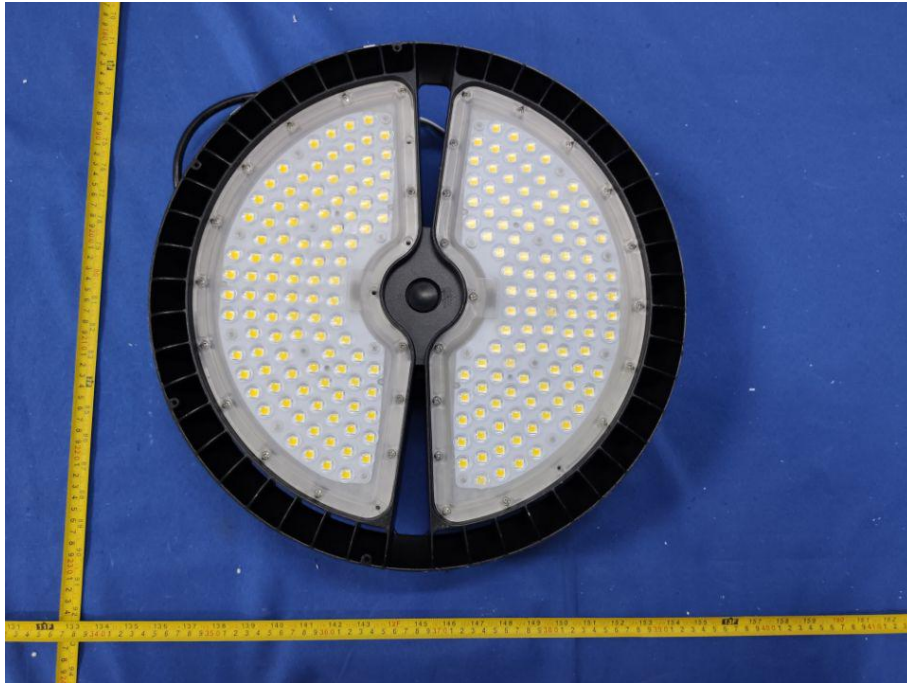


Figure 1 General view



Figure 2 General view



## Attachment of Report—photos

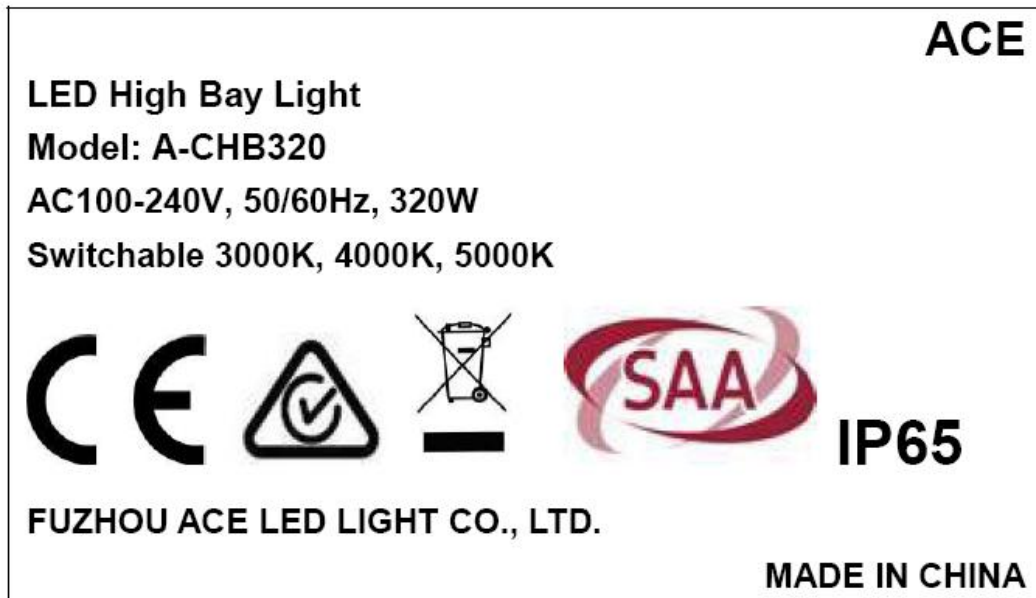


Figure 3 Label of the light



Figure 4 Label of the LED driver

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