

TEST REPORT

Application No.: HY2016090129-SAE
Report No.: HY2016070060-0105-SAE Ext.01



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Guangzhou Hangyun Test Technology Co., Ltd

Approval Date 18.11.2016

Guangzhou Hangyun Test Technology Co., Ltd
No. 6 Dongheng 3 Road Village Zhucun Tianhe District Guangzhou



Test Report

Report No.: HY2016070060-0105-SAE Ext.01

Applicant : LINTECH ENTERPRISES LIMITED

Manufacturer : LINTECH ENTERPRISES LIMITED
3/F, Blcok A8, Kaida Creative Industry Park, Qiaochang Road, Qiaotou Town, Dongguan City,

Trademark : LINTECH

Type : LC-009C4

Variants : LC-009C4 Series

Commercial : Brake Light

Category : Component

Received : 2016-11-03

Tested : 2016-11-03 to 2016-11-18

Issued By : Guangzhou Hangyun Test Technology Co., Ltd

Specification(s) : SAE J1957-2000 (R) CENTER HIGH MOUNTED STOP LAMP STANDARD FOR VEHICLES LESS THAN 2032 MM OVERALL WIDTH
S5.1.5 Photometry Test
S5.2 Color Test

Conclusion: Based on the reports submitted by applicant, we outline the test data as result pages.

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1 TESTED COMPONENT CHARACTERISTICS

Applicant: : LINTECH ENTERPRISES LIMITED

Address: : 3/F, Blcok A8, Kaida Creative Industry Park, Qiaochang Road,
Qiaotou Town, Dongguan City, Guangdong,China518109

Manufacturer : LINTECH ENTERPRISES LIMITED., Ltd.

:

Address: : 3/F, Blcok A8, Kaida Creative Industry Park, Qiaochang Road,
Qiaotou Town, Dongguan City, Guangdong,China518109

Product : Brake Light

Name:

Model NO.: : LC-009C4

Variants: : LC-009C4 Series

Trademark: : LINTECH

ANNEX TO THE REPORT

REASON FOR EXTENSION

- Addition of new variants **LC-009C4 Series**
- *Remark: They are identical except the model name.*

Place: Guangzhou Hangyun Test Technology Co., Ltd

Date: 18.11.2016



Zhiwei Chen
TEST ENGINEER

Specification data

Inspection Type : Commissioning test Routine test
 Approval test Type test

Sample Source : Commissioned units send sample Sampling

Total Quantity of Sample : 3 pcs

Sample No. / Test No. : HY2016070060-SAE-1#

Sample Components and Accessories : Components: /
Accessories: /

Packing Status : Outer Packing No packing

Sample Quality : Sample state before test: Conformity product
 Non-conformity product Prototype Others

Environment Condition : Temperature: 23°C ~ 27°C
Relative humidity: 45% ~ 54%

Function : HIGH-MOUNTED STOP

Emitted Colour : Red

Rated Voltage : 12V DC

Wattage : 6.8W

2 TEST SUMMERY

No.	Test Items	Test Requirement/ Test Method	Result
1	Photometry Test	Section 5.1.5 of SAE J1957	Met
2	Color Test	Section 5.2 of SAE J1957	Met

3 PHOTOMETRY TEST

3.1 TEST RESULT

Device manufacturer:	LINTECH ENTERPRISES LIMITED		
Device part number:	/	Photometric Test Distance:	100 feet
Device production number:	/	Sample Number:	1#
Bulb Trade No.:	/	Test Voltage/current:	12.789VDC/ 0.464A
Aim notes:	/		
Other notes:	/		

GROUP NUMBER	TEST POINT (degrees)		MINIMUM PHOTOMETRIC INTENSITY ⁽¹⁾⁽²⁾⁽³⁾ (cd)	Measurements			GROUP MINIMUM PHOTOMETRIC INTENSITY ⁽³⁾ (cd)	
				Location	Measured	Reaim	Required Minimum	Measured
1	5U	V	25	5U - V	48.161	25~130	125	280.705
	H	5L	25	H - 5L	58.963	25~130		
	H	V	25	H - V	69.015	25~130		
	H	5R	25	H - 5R	61.281	25~130		
	5D	V	25	5D - V	43.285	25~130		
2	5U	5R	25	5U - 5R	46.992	25~130	98	210.731
	5U	10R	16	5U - 10R	36.641	16~130		
	H	10R	16	H - 10R	50.01	16~130		
	5D	10R	16	5D - 10R	34.253	16~130		
	5D	5R	25	5D - 5R	42.836	25~130		
3	5U	5L	25	5U - 5L	44.205	25~130	98	224.271
	5U	10L	16	5U - 10L	42.086	16~130		
	H	10L	16	H - 10L	55.985	16~130		
	5D	10L	16	5D - 10L	40.158	16~130		
	5D	5L	25	5D - 5L	41.837	25~130		
4	10U	10L	8	10U - 10L	43.835	8~130	32	141.447
	10U	V	16	10U-V	54.756	16~130		
	10U	10R	8	10U - 10R	42.856	8~130		
MAXIMUM PHOTOMETRIC INTENSITY⁽⁴⁾			130	/	/	/	/	/

Note:

- (1) The photometric intensity values between test points must not be less than the lower specified minimum value of the two closest adjacent test points on a horizontal or vertical line.
- (2) The photometric intensity at each test point must not be less than 60% of the specified minimum value when considering overall group or zone photometry tables.
- (3) Where a pair of lamps identical in size and shape are used due to vehicle construction, they together must meet photometric requirements.
- (4) The maximum photometric intensity must not occur over any area larger than that generated by a 0.25o radius within a solid cone angle within the rectangle bounded by test points 10U-10L, 10U-10R, 5D-10L, and 5D-10R.

4 COLOR TEST

4.1 TEST RESULT

The color of light emitted from the device shall fall within the following bounded:

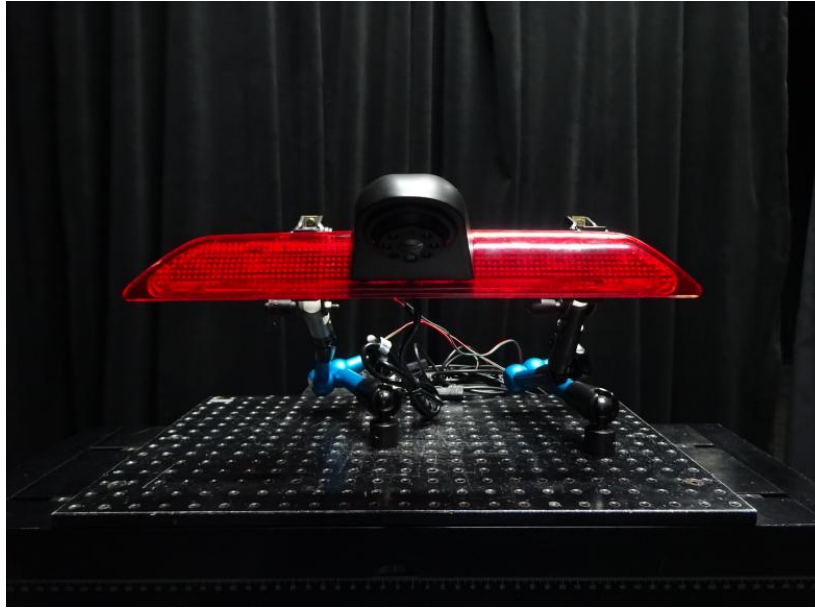
Device manufacturer:	LINTECH ENTERPRISES LIMITED		
Device part number:	/	Photometric Test Distance:	/
Device production number:	/	Sample Number:	1#
Bulb Trade No.:	/	Test Voltage/current:	28VDC/0.06A
Aim notes:	/		
Other notes:	/		

Test Items	Require	Test Result
Color	Red	Red
Chromaticity Coordinates	$y=0.335$ (yellow boundary)	$x=0.7105$
	$y=0.980-x$ (purple boundary)	$y=0.2894$

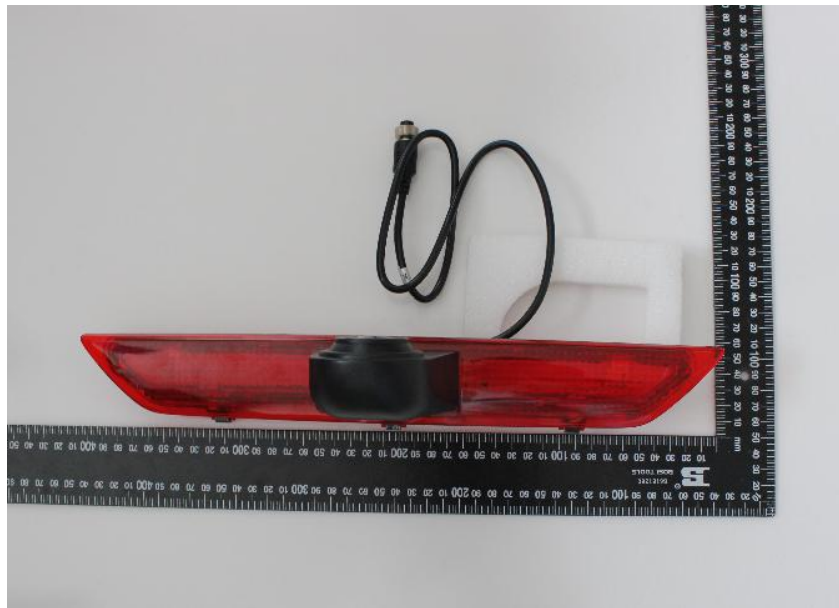
5 APPENDIX A - TEST EQUIPMENTS

No.	Equipment	Serial No.	Due date	Testing item
1	Photometry	GO-H1400	2017-05-24	Photometry Test
2	Colormetry	C1210	2017-05-24	Color Test

6 APPENDIX B - PHOTOGRAPHS



Test Photos



EUT Photo

***** FINAL REPORT *****

2016-11-18

Zhiwei Chen

Zhiwei Chen
TEST ENGINEER