TEST REPORT

Application No.: HY2016090129-SAE
Report No.: HY2015110089-SAE Ext.01

Prepared By Zhiwei chen Approved By Raymond Dai

(Engineer) Zhiwei Chen (Approved) Raymond Dai

Guangzhou Hangyun Test Technology Co., Ltd

Approval Date: 21.11. 2016

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

Test Report

Report No.: HY2015110089-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-009C5
Variants	:	LC-009C5 Series; LC-009C5-1; LC-009C5-2; LC-009C5-3; LC-009C5-4; LC-009C5-5
Commericial	:	Brake Light
Category	:	Component
Received	:	2016-11-03
Tested	:	2016-11-03 to 2016-11-21
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
Address:	:	3/F, Blcok A8, Kaida Creative Industry Park, Qiaochang Road, Qiaotou Town, Dongguan City, Guangdong,China518109
Product Name:	:	Brake Light
Model NO.:	:	LC-009C5
Variants:	:	LC-009C5 Series; LC-009C5; LC-009C5-1; LC-009C5-2; LC-009C5-3; LC-009C5-4; LC-009C5-5
Trademark:	:	LINTECH

ANNEX TO THE REPORT

REASON FOR EXTENSION

- Addition of new variants ***LC-009C5 Series; LC-009C5-1; LC-009C5-2; LC-009C5-3; LC-009C5-4; LC-009C5-5***

- *Remark：They are identical except the model name.*

Place：Guangzhou Hangyun Test Technology Co., Ltd

Date：21.11. 2016

Zhiwei chen

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.	:	HY2015110089-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℃ ~ 27℃ Relative humidity：45% ~ 54%
Function	:	HIGH-MOUNTED STOP
Emitted Colour	:	Red
Rated Voltage	:	12V DC
Wattage	:	4.6W

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:	12.788VDC/ 0.512A
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	53.767	25～130	125	259.862
	H	5L	25	H - 5L	52.818	25～130		
	H	V	25	H - V	53.697	25～130		
	H	5R	25	H - 5R	49.580	25～130		
	5D	V	25	5D - V	50.260	25～130		
2	5U	5R	25	5U - 5R	46.083	25～130	98	230.635
	5U	10R	16	5U - 10R	45.923	16～130		
	H	10R	16	H - 10R	42.896	16～130		
	5D	10R	16	5D - 10R	45.474	16～130		
	5D	5R	25	5D - 5R	52.238	25～130		
3	5U	5L	25	5U - 5L	45.214	25～130	98	234.532
	5U	10L	16	5U - 10L	46.093	16～130		
	H	10L	16	H - 10L	41.837	16～130		
	5D	10L	16	5D - 10L	49.151	16～130		
	5D	5L	25	5D - 5L	41.497	25～130		
4	10U	10L	8	10U - 10L	49.011	8～130	32	133.173
	10U	V	16	10U-V	42.666	16～130		
	10U	10R	8	10U - 10R	51.575	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 boundaried:

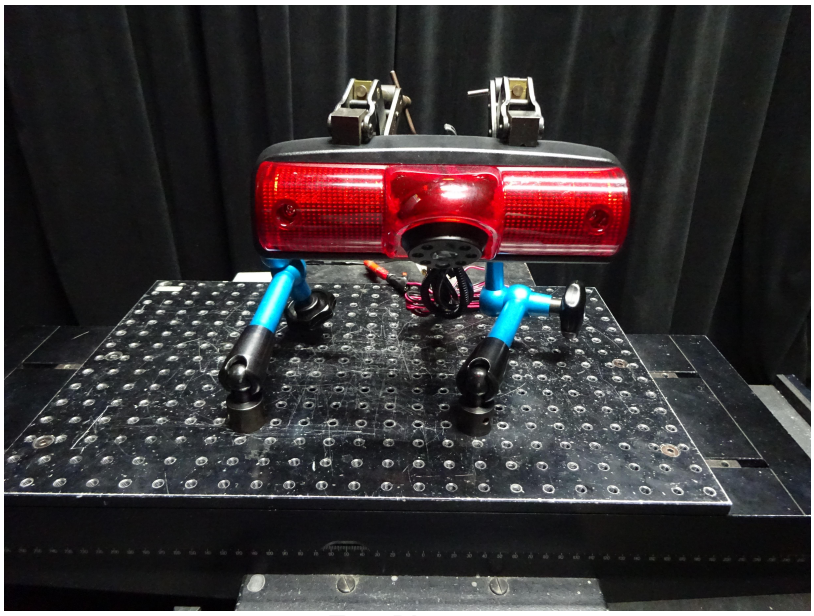
Device manufacturer:	LINTECH ENTERPRISES LIMITED		
Device part number:	/	Photometric Test Distance:	/
Device production number:	/	Sample Number:	1#
Bulb Trade No.:	/	Test Voltage/current:	12.788VDC/ 0.512A
Aim notes:	/		
Other notes:	/		

Test Items	Require	Test Result
Color	Red	Red
Chromaticity Coordinates	y=0.335(yellow boundary)	x=0.7085
	y=0.980-x(purple boundary)	y=0.2915

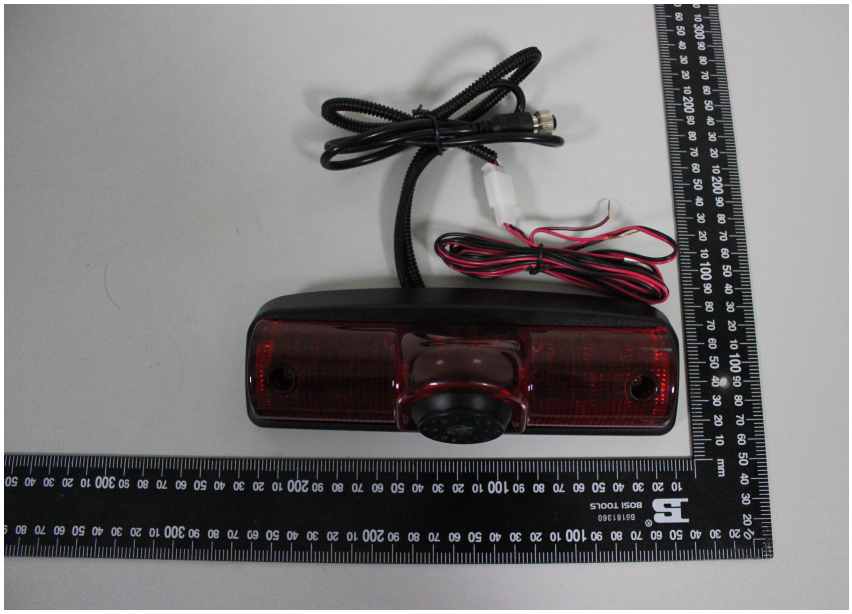
5 APPENDIX A - TEST EQUIPMENTS

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** ********

2016-11-21

Zhiwei Chen
TEST ENGINEER