

Test Verification of Conformity

On the basis of the referenced test report(s), the sample(s) of the below product has been found to comply with the relevant harmonized standard(s) to the directive(s) listed on this verification at the time the tests were carried out.

Applicant Name & Address : Guangzhou Hobart Lights Limited
No. 1 Chuangjia Road, Baiyun District, Guangzhou City,
Guangdong Province, People's Republic of China, 510000

Manufacturer Name & Address : Guangzhou Hobart Lights Limited
No. 1 Chuangjia Road, Baiyun District, Guangzhou City,
Guangdong Province, People's Republic of China, 510000

Product(s) Tested : Beacon

Ratings and principal characteristics : DC 12V/24V

Model(s) : B7 series

Variants : B5, B5-1, B5-2, B6, B6-1, B6-2, B7, B7-1, B7-2, B5b, B5b-1,
B5b-2, B6b, B6b-1, B6b-2, B7b, B7b-1, B7b-2, B5r, B5r-1,
B5r-2, B6r, B6r-1, B6r-2, B7r, B7r-1, B7r-2

Brand name : Hobart Lights

Relevant Standard(s) / Specification(s) / Directive(s) : CISPR25 Edition 4.0 2016-10
Vehicles, boats and internal combustion engines – Radio disturbance characteristics – Limits and methods of measurement for the protection of on-board receivers

Verification Issuing Office Name : Guangzhou Shuntai Quality Technical Service Co., Ltd.

Verification/Report Number(s) : SQT2206023

Note 1 : This verification is part of the full test report(s) and should be read in conjunction with it.



TEST REPORT

Applicant Name & Address : Guangzhou Hobart Lights Limited
 No. 1 Chuangjia Road, Baiyun District, Guangzhou City, Guangdong Province, People's Republic of China, 510000

Manufacturer Name & Address : Guangzhou Hobart Lights Limited
 No. 1 Chuangjia Road, Baiyun District, Guangzhou City, Guangdong Province, People's Republic of China, 510000

Sample Description

Product : Beacon

Model No. : B7 series

Variants : B5, B5-1, B5-2, B6, B6-1, B6-2, B7, B7-1, B7-2, B5b, B5b-1, B5b-2, B6b, B6b-1, B6b-2, B7b, B7b-1, B7b-2, B5r, B5r-1, B5r-2, B6r, B6r-1, B6r-2, B7r, B7r-1, B7r-2

Electrical Rating : DC 12V/24V

Brand name : Hobart Lights

Date Received : 20 April, 2022

Date Test Conducted : 09 May, 2022~10 May, 2022

Test standards : **CISPR25 Edition 4.0 2016**
 Vehicles, boats and internal combustion engines – Radio disturbance characteristics – Limits and methods of measurement for the protection of on-board receivers

Class : **Class 5**

Test Result : Pass

Conclusion : The submitted samples complied with the above EMC standards.

Remark : This test is only responsible for incoming samples, and the report is only valid for this test.

Prepared and Checked By:


Lisa Zhong
 Lisa Zhong
 Project Engineer

24 June, 2022 Date

Approved By:

Arvin Zhang Signature
 Arvin Zhang
 Technical Supervisor

24 June 2022 Date



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1 TEST RESULTS SUMMARY

1.1 Classification of EUT: Components and modules

Test Item	Test Method	Class / Severity	Result
Conducted emissions from components/modules – Voltage method	CISPR 25: 2016	Test frequency: 0.15MHz-108MHz Function status: meet the limit of Class 5	Pass
Radiated emissions from components/modules – ALSE method	CISPR 25: 2016	Test frequency: 0.15MHz-2500MHz Function status: meet the limit of Class 5	Pass
Remark: 1. The symbol “N/A” in above table means <u>Not Applicable</u> . 2. When determining the test results, measurement uncertainty of tests has been considered.			

1.2 Explanation of test method deviation

The test method deviates from the standard method: **yes/no**

If yes, please explain in details: ---

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EMC RESULTS CONCLUSION

(with Justification)

We tested the EUT to determine if it was in compliance with the relevant standards as marked on the Test Results Summary. We found that the unit met the requirement of **CISPR 25:2016 Class 5** when tested as received. The worst case's test data was presented in this test report.

Model : B7 series

Variation: B5, B5-1, B5-2, B6, B6-1, B6-2, B7, B7-1, B7-2, B5b, B5b-1, B5b-2, B6b, B6b-1, B6b-2, B7b, B7b-1, B7b-2, B5r, B5r-1, B5r-2, B6r, B6r-1, B6r-2, B7r, B7r-1, B7r-2

Above variants have the same electronic circuit design and the same component list for each PCB, the difference among them are the light color and the LED quantity.

The production units are required to conform to the initial sample as received when the units are placed on the market.