

KYVAS INTERNATIONAL CO., LTD.

TEST REPORT.

SCOPE OF WORK

ErP Test Report

REPORT NUMBER

211117119GZU-002

ISSUE DATE

26-November-2021

REVISION DATE

None

NUMBER OF PAGES

5

DOCUMENT CONTROL NUMBER

ErP Test Report_2019/2020_A_ Exemption

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TEST REPORT

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Sample Description

Name of Sample : E10 LED Bulb
Model Number : 2382-0000
Quantity of Sample(s) : 1 pc
Date of Receipt : 17 November 2021
Date of test Conducted : 19 November 2021 to 19 November 2021

Test

Test Requested : Performance requirements according to client's requirements
Test Method : Refer to Regulation (EU) 2019/2020, and Corrigendum
Test Conclusion: : See appended test result
Other information : Input: 12 VDC, 1W
Remark :

- This test report is only for evaluation of the specified standard clauses listed in Test Requested.
- when determining the test conclusion, the Measurement Uncertainty of test has been considered according to Accuracy Method stated in IEC Guide 115.
- Throughout this report a point is used as the decimal separator.

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Tested by:

Done Ye

Done Ye / Engineer

Approved by:

Shelley Ying

Shelley Ying / Reviewer

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General Remark:

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Throughout this report a comma point is used as the decimal separator.

Test Summary:

1. No Pre-conditioning for LED lamp before initial measurement.
2. All measurements were conducted at stable ambient temperature 25°C±1 °C.
3. The test was performed with the lamp in base-up position.
4. Testing input: 12VDC.

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Result:

1. Definitions and Chromaticity coordinate requirement for 'light source':

'light source' means an electrically operated product intended to emit, or, in the case of a non-incandescent light source, intended to be possibly tuned to emit, light, or both, with all of the following optical characteristics:

(a) chromaticity coordinates x and y in the range

$$0,270 < x < 0,530 \text{ and}$$

$$-2,3172 x^2 + 2,3653 x - 0,2199 < y < -2,3172 x^2 + 2,3653 x - 0,1595;$$

(b) luminous flux < 500 lumen per mm² of projected light-emitting surface area as defined in Annex I;

(c) luminous flux between 60 and 82 000 lumen;

(d) colour rendering index (CRI) > 0

2. Initial color performance measurements:

Model No.	Luminous flux (lm) (<60 lm or >82000 lm)	Chromaticity Coordinate		Exemption Limits			Verdict
		x	y	Limit for x	y <	Or y >	
2382-0000	51.07	0.4630	0.4199	x < 0.270 or x > 0.530	0.3785	0.4389	Exempt

3. Conclusion:

The product is not under the Article 2 "Definitions" for 'Light source', according to EU 2019/2020, because the Luminous flux doesn't fall in the range of 'Light source'.

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Appendix Photos:



Overall view of 2382-0000

*****End of report*****