KYVAS INTERNATIONAL CO., LTD.

TEST REPORT

SCOPE OF WORK
ErP Test Report

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Report No.: 211117119GZU-001

TEST REPORT

Applicant	:	KYVAS INTERNATIONAL CO., LTD.
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Sample Description

Name of Sample	:	E14 LED Bulb
Model Number	:	2230-0000
Quantity of Sample(s)	:	1 pc
Date of Receival	:	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: 240V, 50HZ, 0.8W
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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Test Summary:

1. No Pre-conditioning for LED lamp before initial measurement.
2. All measurements were conducted at stable ambient temperature 25ºC±1 ºC.
3. The test was performed with the lamp in base-up position.
4. Testing input: 230V/50HZ.

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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

$0{,}270 < x < 0{,}530$ 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>	
2230-0000	44.83	0.4344	0.4034	x< 0.270 or x>0.530	0.3703	0.4307	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 2230-0000

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