

# KYVAS INTERNATIONAL CO., LTD.

**TEST REPORT•** 

#### **SCOPE OF WORK**

**ErP Test Report** 

#### **REPORT NUMBER**

211117119GZU-002

### **ISSUE DATE**

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None

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Effected on: 01 May 2020

# TEST REPORT

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**Sample Description** 

Name of Sample: E10 LED BulbModel Number: 2382-0000

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: 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.

Tested by:	Approved by:		
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Done Ye / Engineer	Shelley Ying / Reviewer		
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cer	tification program.
Thi	roughout this report a $\square$ comma $\boxtimes$ point is used as the decimal separator.
Te	st 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.
	**************************************



# TEST REPORT

#### 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:

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- (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 mm<sup>2</sup> 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 (<	Luminous Chron flux (lm) Coor		naticity dinate Exem		ption Limits		
	(<60 lm or >82000 lm)	х	у	Limit for x	y <	Or y>	Verdict
2382-0000	51.07	0.4630	0.4199	x< 0.270 or x>0.530	0.3785	0.4389	Exempt

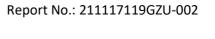
#### 3. Conclusion:

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'.



# **TEST REPORT**

# **Appendix Photos:**



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Overall view of 2382-0000