

TEST REPORT

REPORT NO.: CTNT240402003R(A1)



Product name: RGB Smart Bulb

Model No.: LB26 R1

Applicant: Hangzhou Broadlink Technology Co.,Ltd

Test procedure: Entrustment Test

Shenzhen Zhongwei Testing Technology Co., Ltd.



TEST REPORT**Appendix BB to Subpart B of Part 430—Uniform Test Method for Measuring the Input Power, Lumen Output, Lamp Efficacy, Correlated Color Temperature (CCT), Color Rendering Index (CRI), Power Factor, Time to Failure, and Standby Mode Power of Integrated Light-Emitting Diode (LED) Lamps**

Report Number. : CTNT240402003R(A1)

Date of issue : May 15,2024

Name of Testing Laboratory

preparing the Report

Shenzhen Zhongwei Testing Technology Co., Ltd.

Room 1A106, 1/F., No.109, Lijia Road, Henggang, Henggang Street,
Longgang District, Shenzhen, Guangdong, China

Tel: 086-755-28680489

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Applicant's name : Hangzhou Broadlink Technology Co.,Ltd

Address : Room 101, 1/F, Unit C, Building 1, No.57 Jiang er Road, Changhe
Street,Binjiang, Hangzhou,Zhejiang, China

Manufacturer : Hangzhou Broadlink Technology Co.,Ltd

Address : Room 101, 1/F, Unit C, Building 1, No.57 Jiang er Road, Changhe
Street,Binjiang, Hangzhou,Zhejiang, China**Test specification:**

Standard : 10 CFR § 430.32

Test procedure..... : Appendix BB to Subpart B of Part 430

Non-standard test method..... : N/A

Test Report Form No..... : DOE- LAM-TRF

Test Report Form(s) Originator.... : 1.0

Master TRF : CTNT

General disclaimer:

The test results presented in this report relate only to the object tested.

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Test item description : RGB Smart Bulb

Model/Type reference..... : LB26 R1

Trade Mark..... : BroadLink

Ratings..... : 120V~ 50/60Hz, 10W

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Remark:

This report is the first revision of the original report CTNT240402003, identified via the report number followed by A1. The content of modification is to change the Modify the testing standard from 16 CFR § 430.32 to 10 CFR § 430.32 in the original report, and there are no other changes. This modified report replaces the original report.

Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):

Laboratory Name	Shenzhen Zhongwei Testing Technology Co., Ltd.	
Testing location/ address	Room 1A106, 1/F., No.109, Lijia Road, Henggang, Henggang Street, Longgang District, Shenzhen, Guangdong, China	
Tested by(Test Engineer).....	Jackie Chen	<i>Jackie Chen</i>
Reviewed By(Supervisor)	Airan Lu	<i>Airan Lu</i>
Approved by(Chief Engineer)	Flight Lee	<i>Flight Lee</i>

Summary of testing:

Tests performed (name of test and test clause):	Testing location:
Determination of the result includes consideration of measurement uncertainty from the test equipment and methods.	Shenzhen Zhongwei Testing Technology Co., Ltd.
A representative sample of the product covered by this report has been tested and with the requirements of Appendix BB to Subpart B of Part 430.	Room 1A106, 1/F., No.109, Lijia Road, Henggang, Henggang Street, Longgang District, Shenzhen, Guangdong, China
	Tel: 086-755-28680489
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General conditions for measurements:**1.Test Room**

The tests shall be carried out in a room that has an air speed close to the appliance under test of ≤ 0.5 m/s. The ambient temperature shall be maintained at (20 ± 5) °C throughout the test.

2.Power supply

Where this standard is referenced by an external standard or regulation that specifies a test voltage and frequency, the test voltage and frequency so defined shall be used for all tests. Where the test voltage and frequency are not defined by an external standard, the test voltage and the test frequency shall be the nominal voltage and the nominal frequency of the country for which the measurement is being determined ± 1 %.

3. Supply voltage waveform

The total harmonic content of the supply voltage when supplying the appliance under test in the specified mode shall not exceed 2 %; harmonic content is defined as the root-mean-square (r.m.s.) summation of the individual components using the fundamental as 100 %.

4. Power measurement accuracy

Precision measurement of energy consumption shall be made with a precision equal to the greater of 0.1 Watt-hour or 1% of full-scale measurement.

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