

## TEST REPORT



REPORT NO.:CTNT2411180110101R

Product name: PAR38 Halogen Light Bulbs

Model No.: PAR38

Applicant: RUCHA

Test procedure: Entrustment test

Shenzhen CTNT Testing Technology Co., Ltd.



<b>TEST REPORT</b> <b>16 CFR § 305.5 (10 CFR 430.32(X).)</b>	
<b>Report Number</b> .....	CTNT2411180110101R
<b>Date of issue</b> .....	Nov.28, 2024
<b>Name of Testing Laboratory preparing the Report</b> .....	Shenzhen CTNT Testing Technology Co., Ltd. Room 1A106, 1/F., No.109, Lijia Road, Henggang, Henggang Street, Longgang District, Shenzhen, Guangdong, China Tel: 086-755-28680489 E-mail: admin@cntnt-cert.com Web: www.cntnt-cert.com
<b>Applicant's name</b> .....	RUCHA
<b>Address</b> .....	1-4Ceng 1026Shi CengCun ZhangMuShang 20Hao Guangzhou. TianHeQu, Guangdong,China
<b>Test specification:</b>	
<b>Standard</b> .....	16 CFR § 305.5 (10 CFR 430.32(X).)
<b>Test procedure</b> .....	<input checked="" type="checkbox"/> DOE: Appendix R to Subpart B of Part 430—Uniform Test Method for Measuring Electrical and Photometric Characteristics of General Service Fluorescent Lamps, Incandescent Reflector Lamps, and General Service Incandescent Lamps
<b>Non-standard test method</b> .....	N/A
<b>Test Report Form No.</b> .....	DOE-GL-TRF
<b>Test Report Form(s) Originator</b> .....	1.0
<b>Master TRF</b> .....	CTNT
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<b>Test item description</b> .....	PAR38 Halogen Light Bulbs
<b>Model/Type reference</b> .....	PAR38
<b>Trade Mark</b> .....	RUCHA
<b>Manufacturer</b> .....	RUCHA
<b>Address</b> .....	1-4Ceng 1026Shi CengCun ZhangMuShang 20Hao Guangzhou. TianHeQu, Guangdong,China
<b>Ratings</b> .....	120V~ 60Hz

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<b>Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):</b>		
<b>Laboratory Name</b>	Shenzhen CTNT Testing Technology Co., Ltd.	
<b>Testing location/ address</b> .....	Room 1A106, 1/F., No.109, Lijia Road, Henggang, Henggang Street, Longgang District, Shenzhen, Guangdong, China	
<b>Tested by(Test Engineer)</b> .....	George Tian	
<b>Reviewed By(Supervisor)</b> .....	Oliver Long	
<b>Approved by(Chief Engineer)</b> .....	Flight Lee	
<b>Summary of testing:</b>		
<b>Tests performed (name of test and test clause):</b> Determination of the result includes consideration of measurement uncertainty from the test equipment and methods. A representative sample of the product covered by this report has been tested and PAR38 Halogen Light Bulbs complies with the requirements of 16 CFR § 305.5.	<b>Testing location:</b> Shenzhen CTNT Testing Technology Co., Ltd. Room 1A106, 1/F., No.109, Lijia Road, Henggang, Henggang Street, Longgang District, Shenzhen, Guangdong, China Tel: 086-755-28680489 E-mail: admin@ctnt-cert.com Web: www.ctnt-cert.com	
<b>General conditions for measurements:</b>		
<b>1.Test Room</b> The tests shall be carried out in a room that has an air speed close to the appliance under test of $\leq 0.5$ m/s. The ambient temperature shall be maintained at $(20 \pm 5)$ °C throughout the test.		
<b>2.Power supply</b> 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 $\pm 1$ %.		
<b>3. Supply voltage waveform</b> 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 %.		
<b>4. Power measurement accuracy</b> 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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