

TEST REPORT

REPORT NO.: CTNT2409240090101R



Product name: LED charging Light

Model No.: WX-01

Applicant: Zhongshan Yuandeng Lighting Technology Co., Ltd

Test procedure: Entrustment Test

Shenzhen CTNT Testing Technology Co., Ltd.



TEST REPORT	
16 CFR § 305.5 (Appendix BB to Subpart B of 10 CFR Part 430)	
Report Number.....:	CTNT2409240090101R
Date of issue.....:	Oct.10,2024
Name of Testing Laboratory preparing the Report.....:	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
Applicant's name.....:	Zhongshan Yuandeng Lighting Technology Co., Ltd
Address.....:	First floor, No.47 Minfu Street, Minle Community, Dongfeng Town,Zhongshan City
Test specification:	
Standard.....:	16 CFR § 305.5 (Appendix BB to Subpart B of 10 CFR Part 430)
Test procedure.....:	<input checked="" type="checkbox"/> DOE: Appendix BB to Subpart B of 10 CFR 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
Non-standard test method.....:	N/A
Test Report Form No.....:	DOE- LED-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. This report shall not be reproduced, except in full, without the written approval of the Issuing CTNT Testing Laboratory. The authenticity of this Test Report and its contents can be verified by contacting the CTNT, responsible for this Test Report.	
Test item description.....:	LED charging Light
Model/Type reference.....:	WX-01, WX-02, WX-03
Trade Mark.....:	Zhongshan Yuandeng Lighting Technology Co., Ltd
Manufacturer.....:	Zhongshan Yuandeng Lighting Technology Co., Ltd
Address.....:	First floor, No.47 Minfu Street, Minle Community, Dongfeng Town,Zhongshan City
Ratings.....:	3.7V $\sqrt{}$ 1A


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This report can be checked and verified in the following ways.

Tel: 0755-28680489

E-mail: admin@ctnt-cert.com

Web: www.ctnt-cert.com

Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):		
Laboratory Name	Shenzhen CTNT 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)..... :	Schale zeng	Schale zeng
Reviewed By(Supervisor)..... :	Oliver Long	Oliver Long
Approved by(Chief Engineer)..... :	Flight Lee	
Summary of testing:		
Tests performed (name of test and test clause): 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 LED charging Light complies with the requirements of 16 CFR § 305.5.	Testing location: 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	
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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