

TEST REPORT

REPORT NO.: CTNT240516004R



Product name: Fan lights

Model No.: FS-HX-R520

Applicant: Shenzhen Mowenti 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. : CTNT240516004R

Date of issue : May 29,2024

Name of Testing Laboratory

Shenzhen Zhongwei Testing Technology Co., Ltd.

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

preparing the Report : Tel: 086-755-28680489

E-mail: admin@ctnt-cert.com

Web: www.ctnt-cert.com

Applicant's name : Shenzhen Mowenti Technology Co., Ltd

Address : 528-529, Building G, Shenzhen Innovation Park, Huaning Road,
Dalang Street

Manufacturer : Shenzhen Mowenti Technology Co., Ltd

Address : 528-529, Building G, Shenzhen Innovation Park, Huaning Road,
Dalang Street**Test specification:**

Standard : 16 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 : Fan lights

Model/Type reference..... : FS-HX-R520

Trade Mark : N/A

Ratings..... : 85-265V~ 50/60Hz

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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).....	Bert Young	Bert Young
Reviewed By(Supervisor)	Airan Lu	Airan Lu
Approved by(Chief Engineer).....	Flight Lee	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 with the requirements of Appendix BB to Subpart B of Part 430.	Testing location: 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 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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