

TEST REPORT



REPORT NO.: CTNT240819020R

Product name: LED Track Light

Model No.: 02106.230-26W

Applicant: AERO LIGHT Co., LIMITED

Test procedure: Entrustment Test

Shenzhen Zhongwei Testing Technology Co., Ltd.



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

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TEST REPORT IEC 62471:2006 Photobiological safety of lamps and lamp systems EN 62471:2008 Photobiological safety of lamps and lamp systems	
Report Number	CTNT240819020R
Date of issue	Nov 20, 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: 086-13662574496 E-mail: admin@ctnt-cert.com Web: www.ctnt-cert.com
Applicant's name	AERO LIGHT Co., LIMITED
Address	Room 201, Buliding 19, No.309, Middle Huangpu Avenue, Tianhe District, Guangzhou City, Guangdong Province, P.R.China
Manufacturer's name	Aero Intelligent Optoelectronics Co., LIMITED
Address	# B/ C/ D Building, No. 89 Wenfa Road, Dong Cong, Nansha Distric, Guangzhou, P.R.China
Test specification:	
Standard	IEC 62471:2006 EN 62471:2008
Test procedure	Entrustment Test
Non-standard test method	N/A
Test Report Form No.	IEC 62471B
Test Report Form(s) Originator	VDE Testing and Certification Institute
Master TRF	Dated 2018-08-16
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 Track Light
Trade Mark	Aero
Model/Type reference	02106.230-26W, 02006.210, 02006.220, 02006.230, 02006.240, 02006.250, 02106.210, 02106.220, 02106.230, 02106.240, 02106.250, 02306.210, 02306.220, 02306.230, 02306.240, 02306.250, 02406.210, 02406.220, 02406.230, 02406.240, 02406.250

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Test item particulars		
Tested lamp: ☒ continuous wave lamps ☐ pulsed lamps		
Tested lamp system.....: N/A		
Lamp classification group (IEC 62471: 2006).....: ☐ exempt ☒ risk 1 ☐ risk 2 ☐ risk 3		
Lamp classification group (EN 62471: 2008).....: ☐ exempt ☒ risk 1 ☐ risk 2 ☐ risk 3		
Lamp cap: N/A		
Bulb: N/A		
Rated of the lamp.....: 220-240V~ 50/60Hz 0.7A		
Furthermore, marking on the lamp: N/A		
Seasoning of lamps according IEC standard.....: N/A		
Used measurement instrument.....: Photobiological safety test system		
Temperature by measurement.....: 24.7°C		
Information for safety use.....: N/A		
Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):		
Laboratory Name	Shenzhen Zhongwei Testing Technology Co., Ltd.	
Testing location/ address.....:	Room 114, 2/F., Building C, No.108, Lijia Road, Henggang Street, Longgang District, Shenzhen, Guangdong, China	
Tested by(Test Engineer)	Steve Zhou	
Reviewed By(Supervisor).....:	Airan Lu	
Approved by(Chief Engineer)	Flight Lee	
List of Attachments (including a total number of pages in each attachment). - Photo document - Test data graph		
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. According to the test of IEC 62471:2006 Photobiological safety of lamps and lamp systems. The unit classification is the Low-Risk. According to the test of EN 62471:2008 Photobiological safety of lamps and lamp systems. The unit classification is the Low-Risk.	Testing location: Shenzhen Zhongwei Testing Technology Co., Ltd. Room 114, 2/F., Building C, No.108, Lijia Road, Henggang Street, Longgang District, Shenzhen, Guangdong, China Tel: 086-755-28680489 E-mail: admin@cntnt-cert.com Web: www.cntnt-cert.com	

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