

TEST REPORT



REPORT NO.: CTNT2410180040101

Product name: Penlight

Model No.: HS-401F8

Applicant: SHANGHAI DQL IMP & EMP CO., LTD.

Test procedure: Entrustment Test

Shenzhen Zhongwei Testing Technology Co., Ltd.



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Tel: 0755-28680489

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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** : CTNT2410180040101**Date of issue** : Nov 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: 086-13662574496
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Applicant's name : SHANGHAI DQL IMP & EMP CO., LTD.
Address : Rm 305, 3F, Fulikang Building, No 396 Yinglun Rd, Pudong New Area,
Shanghai, 200120, China

Manufacturer's name : HONSUN (NANTONG) CO., LTD.
Address : No.8 Tongxing Road, Economic & Technological Development Area,
226009, Nantong City, 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.

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The authenticity of this Test Report and its contents can be verified by contacting the CTNT, responsible for this Test Report.

Test item description : Penlight

Trade Mark : N/A

Model/Type reference : HS-401F8

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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.....: 3V $\overline{=}$		
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.....: 24.2°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).....:	Oliver Long	
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@cnt-cert.com Web: www.cnt-cert.com	

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