

# TEST REPORT

REPORT NO.: CTNT221229003



Product name: Laser spotlight

Model No.: MS-220301BMFL

Applicant: Guangzhou Morsun Technology Co., Ltd

Test procedure: Entrustment Test

Shenzhen Zhongwei Testing Technology Co., Ltd.



**TEST REPORT****IEC 60825-1****Safety of laser products – Part 1:  
Equipment classification and requirements****Report Number**.....: CTNT221229003**Date of issue**.....: January 6, 2023

**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**.....: Guangzhou Morsun Technology Co., Ltd  
**Address**.....: Room 201, 2ND Floor, No.10, Rongxi Industrial Street, Baiyun Lake  
 Street, Baiyun District, Guangzhou, Guangdong

**Manufacturer's name**.....: Guangzhou Morsun Technology Co., Ltd  
**Address**.....: Room 201, 2ND Floor, No.10, Rongxi Industrial Street, Baiyun Lake  
 Street, Baiyun District, Guangzhou, Guangdong

**Test specification:****Standard**.....: IEC 60825-1: 2014**Test procedure**.....: Entrustment Test**Non-standard test method**.....: N/A**Test Report Form No**.....: IEC 60825-1F**Test Report Form(s) Originator**.....: UL(US)**Master TRF**.....: Dated 2017-12-21**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**.....: Laser spotlight**Trade Mark**.....:**Model/Type reference**.....: MS-220301BMFL**Ratings**.....: 12V==

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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

<b>Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):</b>		
<b>Laboratory Name</b>	Shenzhen Zhongwei 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>	Andrea Xie	
<b>Reviewed By(Supervisor).....:</b>	Airan Lu	
<b>Approved by(Chief Engineer).....:</b>	Flight Lee	
<b>List of Attachments (including a total number of pages in each attachment):</b> - Photo document - Test data graph		
<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. According to the test of IEC 60825-1 Safety of laser products – Part 1: Equipment classification and requirements. <b>The laser safety level of this product is classified as Class 3B.</b>	<b>Testing location:</b> 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@cnt-cert.com Web: www.cnt-cert.com	
<b>Test item particulars..... :</b>		
<b>Supply Connection.....:</b> DC power supply		
<b>Possible test case verdicts:</b>		
- test case does not apply to the test object.....: N/A - test object does meet the requirement.....: P (Pass) - test object does not meet the requirement.....: F (Fail)		
<b>Testing..... :</b>		
<b>Date of receipt of test item.....:</b> December 29, 2022		
<b>Date (s) of performance of tests.....:</b> January 4, 2023		

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**General remarks:**

"(See Enclosure #)" refers to additional information appended to the report.

"(See appended table)" refers to a table appended to the report.

Throughout this report a ☐ comma / ☒ point is used as the decimal separator.

**Other important notes:**

1. If you have any objection to the inspection results in this report, please submit a written report to the company within 15 days from the date of receipt of the report.
2. Entrusting test only responsible for the incoming samples, and the test results are used by the entrusting party to understand the quality of the samples.
3. This test report is invalid without the "test stamp".
4. This report may not be reproduced in part without permission to avoid ambiguous interpretation.
5. Test items with "\*" are subcontracted items.
6. The remaining samples under test must be collected within three months of receipt of the inspection report. If the samples are not collected within the time limit, the laboratory will handle them by selves.

Company name: Shenzhen Zhongwei Testing Technology Co., Ltd.

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

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Email: admin@cnt-cert.com

Website: www.cnt-cert.com

**General product information:**

1. Tested on model MS-220301BMFL only.

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