

TEST REPORT



REPORT NO.: CTNT2412110070201

Product name : red laser

Model No : BOT635-0.8S60-V5-D8-H30

Applicant : Xi'an Lei Ze Electronic Technology Co.,Ltd.

Test procedure : Type Test

Shenzhen Zhongwei Testing Technology Co., Ltd.



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TEST REPORT
IEC 60825-1
Safety of laser products –Part 1:
Equipment classification and requirements

Report Number.....: CTNT2412110070201

Date of issue.....: Jan. 3, 2025

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.....: Xi'an Lei Ze Electronic Technology Co.,Ltd.
Address.....: Room 504,Unit A ,Building DK4-6 ,Xi'an ZTE Shenlan Science and
Technology Park,No.2296,Keyuan 4th Road,Fengdong New Town,
Xi'an, Shaanxi Province,China.

Manufacturer's name.....: Xi'an Lei Ze Electronic Technology Co.,Ltd.
Address.....: Room 504,Unit A ,Building DK4-6 ,Xi'an ZTE Shenlan Science and
Technology Park,No.2296,Keyuan 4th Road,Fengdong New Town,
Xi'an, Shaanxi Province,China.

Test specification:

Standard.....: IEC 60825-1: 2014

Test procedure.....: Type Test

Non-standard test method.....: N/A

Test Report Form No.....: IEC60825_1G

Test Report Form(s) Originator.....: OVE

Master TRF.....: Dated 2021-10-05

General disclaimer:

The test results presented in this report relate only to the object tested.

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Test item description :		red laser
Trademark :		STEYAFRO
Model/Type reference :		BOT635-0.8S60-V5-D8-H30, BOT635-0.8L60-V5-D8-H30, 635nm 5mW 5V 16mm x 50mm
Ratings :		3V-5V \equiv 30mA 150mW
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) :	East Zheng	<i>East Zheng</i>
Reviewed by (Supervisor) :	Oliver Long	<i>Oliver Long</i>
Approved by (Chief Engineer) :	Flight Lee	
List of Attachments (including a total number of pages in each attachment)		
- Test data graph, Photo document		
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 60825-1 Safety of laser products – Part 1 Equipment classification and requirements. This product complied with the requirements of Class 1.		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@cntnt-cert.com Web: www.cntnt-cert.com
Test item particulars :		
Classification of installation and use:		transportable / portable / stationary / mobile / fixed / permanently installed / hand-held
Supply Connection :		internally powered / permanently installed / appliance- coupler / non-detachable cord/detachable cord
laser Class as defined in 3.44 and 3.18 through 3.24 of IEC 60825-1:2014 :		
Class 1, 4C, 1M, 2, 2M, 3R, 3B, or 4		

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