

TEST REPORT



REPORT NO: CTNT2411140010201(A1)

Product name : Bambu Lab Laser Module 10W

Model No. : SL001

Applicant : Shenzhen Tuozhu Technology Co., Ltd.

Test procedure : Type Test

Shenzhen Zhongwei Testing Technology Co., Ltd.



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

Report Number	CTNT2411140010201(A1)
Date of issue	Mar. 5, 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 E-mail: admin@ctnt-cert.com Web: www.ctnt-cert.com
Applicant's name	Shenzhen Tuozhu Technology Co., Ltd.
Address	Room 201, Building A, No. 1 First Qianwan Road, Qianhai Shengang Cooperation Zone, Shenzhen.
Manufacturer's name	Shenzhen Tuozhu Technology Co., Ltd.
Address	Room 201, Building A, No. 1 First Qianwan Road, Qianhai Shengang Cooperation Zone, Shenzhen.
Test specification:	
Standard	EN 60825-1: 2014+A11: 2021
Test procedure	Type Test
Non-standard test method	N/A
Test Report Form No	EU_GD_IEC60825_1G
Test Report Form(s) Originator	TÜV Rheinland LGA Products GmbH
Master TRF	Dated 2021-11-05
General disclaimer:	
<p>The test results presented in this report relate only to the object tested.</p> <p>This report shall not be reproduced, except in full, without the written approval of the Issuing CTNT Testing Laboratory.</p> <p>The authenticity of this Test Report and its contents can be verified by contacting the CTNT, responsible for this Test Report.</p>	
Test item description	Bambu Lab Laser Module 10W
Trade Mark	bambulab
Model/Type reference	SL001
Ratings	24V  3A

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

Tel: 0755-28680489

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Web: www.ctnt-cert.com

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	<i>Flight Lee</i>
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 EN 60825-1: 2014+A11: 2021 Safety of laser products – Part 1: Equipment classification and requirements. This product complied with the requirements of Class 4.	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	
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	
laser Class as defined in 3.44 and 3.18 through 3.24 of EN 60825-1: 2014+A11: 2021 :	Class 1, 1G, 1M, 2, 2M, 3R, 3B, or 4	
laser output (power or energy) :	See below	
Accessories and detachable parts included in the evaluation	N/A	
Options included	N/A	



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