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CNAS L3150

**EMTEK**  
Access to the World

<b>TEST REPORT</b> <b>EN 62493</b> <b>Assessment of lighting equipment related to human exposure to electromagnetic fields</b>	
Report Number .....	ED170727003E
Tested by (+ signature) .....	Alan He
Approved by (+ signature) .....	Sam Lv
Date of issue .....	July 31, 2017
Total number of pages .....	4 pages
Testing Laboratory name .....	EMTEK(DONGGUAN) CO., LTD.
Address .....	No.281, Guantai Road, Nancheng District, Dongguan, Guangdong, China
Testing location / address .....	Same as above
Applicant's name .....	GLOBAL(LED) LIGHTING SOLUTIONS
Address .....	Suite 402, 4th floor, Northbank Buiding Lane, Northbank Lane Century City Town, 7441
<b>Test specification:</b>	
Standard .....	EN 62493: 2015
Non-standard test method .....	N/A
<b>Test item description .....</b>	
Trade Mark .....	
Manufacturer .....	GLOBAL(LED) LIGHTING SOLUTIONS Suite 402, 4th floor, Northbank Buiding Lane, Northbank Lane Century City Town, 7441
Product Name .....	x-Glo strip light
Model/Type reference .....	x-Glo-72-110v
Input Rating .....	110V~, 50/60Hz, 13W/m, Max 4.8A

<b>Summary of testing:</b>	
The product has been tested according to standard EN 62493: 2015. Maximum ambient temperature: +25°C.	
<b>Test item particulars.....:</b>	
Classification of installation and use .....	for normal use
Supply Connection .....	Type
<b>Possible test case verdicts:</b>	
- test case does not apply to the test object.....	N (N/A)
- test object does meet the requirement.....	P (Pass)
- test object does not meet the requirement.....	F (Fail)
<b>Testing.....:</b>	
Date of receipt of test item .....	July 27, 2017
Date (s) of performance of tests.....	July 27, 2017 to July 31, 2017
<b>General remarks:</b>	
<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 testing laboratory.</p> <p>"(see Enclosure #)" refers to additional information appended to the report.</p> <p>"(see appended table)" refers to a table appended to the report.</p> <p>Throughout this report a <input type="checkbox"/> comma / <input checked="" type="checkbox"/> point is used as the decimal separator.</p>	
<b>Manufacturer's Declaration per sub-clause 6.2.5 of IEC 60335-1:</b>	
The application for obtaining a CB Test Certificate includes more than one factory location and a declaration from the Manufacturer stating that the sample(s) submitted for evaluation is (are) representative of the products from each factory has been provided	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> Not applicable
When differences exist; they shall be identified in the General product information section.	
<b>Name and address of factory (ies) .....</b>	Same as the manufacturer
<b>General product information:</b>	
1. The test is conducted on model x-Glo-72-110v	

EN 62493			
Clause	Requirement + Test	Result - Remark	Verdict

<b>4.2</b>	<b>APPLICATION OF LIMITS (Test summary)</b>		
	<b>Specific absorption rate (SAR)</b>		
a)	CISPR 15 clause 4.3.1 Disturbance voltage mains terminals 20 kHz – 30 MHz	*)	P
b)	CISPR 15 clause 4.4 Radiated electromagnetic disturbances 100 kHz – 30 MHz	*)	P
c)	CISPR 15 clause 4.4.2 Radiated electromagnetic disturbances 30 MHz – 300 MHz	*)	P
*)	<input checked="" type="checkbox"/> See separate Test Report for measurements of a), b) and c) above Test Report with Ref. No.: ED170727001E. <input checked="" type="checkbox"/> Only measurement of d) below. See measurement results below. In this case this test report does not show compliance with EN 62493.		—
	<b>Induced current density</b>		
d)	Induced current density 20 kHz – 10 MHz	See measurement results below	P

<b>4.2.d</b>	<b>INDUCED CURRENT DENSITY</b>	<b>P</b>
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	Power supply system utilised:		—
	Voltage .....	AC 110V	—
	Frequency.....	50Hz	—
	Environmental conditions:		—
	Temperature .....	22 °C	—
	Humidity.....	55%	—
	EUT operation mode:		—
	<input checked="" type="checkbox"/> Normal operation	ON	—
	<input type="checkbox"/> Other operation:		—
			—

EN 62493			
Clause	Requirement + Test	Result - Remark	Verdict

<b>4.2.d</b>	<b>MEASUREMENT RESULTS</b>			P
	Measuring with "Van der Hoofden" test head This test item was tested at EMTEK(DONGGUAN) CO., LTD.			
Location of EUT	Measuring distance	Result (F)	Limit (F)	Verdict
Measurement point 1	50cm	0.033	0.85	Pass

<b>4.2.d</b>	<b>EQUIPMENT USED DURING TEST</b>		
Equipment	Manufacturer	Type	Serial. No.
"Van der Hoofden" test head	Schwarzbeck	VDHH9502	9502-065
Measurement receiver	Rohde & Schwarz	ESCS30	100018

Test set-up, photos



-----The end-----