





TEST REPORT EN 62493

Assessment of lighting equipment related to human exposure to electromagnetic fields

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.

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

Test specification:

Standard: EN 62493: 2015

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

Test item description

Trade Mark...... X:U

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



Summary of testing:					
The product has been tested according to standard El Maximum ambient temperature: +25℃.	N 62493: 2015.				
Test item particulars:					
Classification of installation and use:	for normal use				
Supply Connection:	Туре				
Possible test case verdicts:					
- 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)				
Testing:					
Date of receipt of test item:	July 27, 2017				
Date (s) of performance of tests					
General remarks:					
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 testing laboratory.					
"(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.					
Manufacturer's Declaration per sub-clause 6.2.5 of	IECEE 02:				
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	☐ Yes ☐ Not applicable				
When differences exist; they shall be identified in the General product information section.					
Name and address of factory (ies):	Same as the manufacturer				
General product information: 1. The test is conducted on model x-Glo-72-110v					



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Clause	Requirement + Test	Result - Remark	Verdict
4.2	APPLICATION OF LIMITS (Test summary)		
	Specific absorption rate (SAR)		
a)	CISPR 15 clause 4.3.1 *) Disturbance voltage mains terminals 20 kHz – 30 MHz		Р
b)	CISPR 15 clause 4.4 Radiated electromagnetic disturbances 100 kHz – 30 MHz	*)	Р
c)	CISPR 15 clause 4.4.2 Radiated electromagnetic disturbances 30 MHz – 300 MHz	*)	Р
*)	 ☑ See separate Test Report for measurements of a), b) and c) above Test Report with Ref. No.: ED170727001E. ☑ Only measurement of d) below. See measurement results below. In this case this test report does not show compliance with EN 62493. 		_
	Induced current density		
d)	Induced current density 20 kHz – 10 MHz	See measurement results below	Р
4.2.d	INDUCED CURRENT DENSITY		Р
	Power supply system utilised:		_
	Voltage	: AC 110V	_
	Frequency	: 50Hz	_

Environmental conditions:

EUT operation mode:

Normal operation

Other operation:

Temperature:
Humidity....:

22 °C

55%

ON

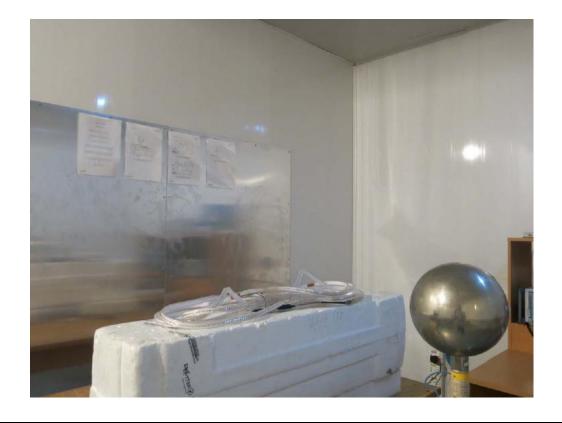


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Clause	Requirement + Test	Result - Remark	Verdict

4.2.d	MEASUREMENT RESULTS			Р	
	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 5		50cm	0.033	0.85	Pass

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

Test set-up, photos



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