



TEST REPORT IEC 62471 Photobiological safety of lamps and lamp systems	
Report Reference No.:	15-07-13
Date of issue	2015-07-30
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Testing Laboratory:	SAMSUNG ELETRONICS Co., Ltd.
Address.....:	1, Samsung-ro, Giheung-gu, Yongin-si, Gyeonggi-do, 446-920, KOREA, REPUBLIC OF
Applicant's name:	SAMSUNG ELETRONICS Co., Ltd.
Address.....:	129 Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 443-742, KOREA, REPUBLIC OF
Test specification:	
Standard	IEC 62471:2006 (First Edition)
Test procedure	N/A
Non-standard test method.....:	N/A
Test Report Form No.:	IEC62471A
TRF Originator.....:	VDE Testing and Certification Institute
Master TRF	Dated 2009-05
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This report is not valid as a CB Test Report unless signed by an approved CB Testing Laboratory and appended to a CB Test Certificate issued by an NCB in accordance with IECEE 02.	
Test item description:	LED Module
Trade Mark.....:	SAMSUNG
Manufacturer	Same as Testing Laboratory
Model/Type reference.....:	SPMWHT328FD5WAP0S0
Ratings.....:	DC 500 mA

Testing procedure and testing location:	
<input checked="" type="checkbox"/> Testing Laboratory: Testing location/ address :	SAMSUNG ELETRONICS Co., Ltd. (LED Biz.) 1, Samsung-ro, Giheung-gu, Yongin-si, Gyeonggi-do, 446-920, KOREA, REPUBLIC OF
<input type="checkbox"/> Associated Laboratory: Testing location/ address : Tested by (name + signature) : Approved by (+ signature) :	
<input type="checkbox"/> Testing procedure: TMP Tested by (name + signature) : Approved by (+ signature) : Testing location/ address :	
<input type="checkbox"/> Testing procedure: WMT Tested by (name + signature) : Witnessed by (+ signature) : Approved by (+ signature) : Testing location/ address :	
<input type="checkbox"/> Testing procedure: SMT Tested by (name + signature) : Approved by (+ signature) : Supervised by (+ signature) : Testing location/ address :	
<input type="checkbox"/> Testing procedure: RMT Tested by (name + signature) : Approved by (+ signature) : Supervised by (+ signature) : Testing location/ address :	

Summary of testing:

Tests performed (name of test and test clause):

- The sample was applied DC 500mA following by applicant request.
- The sample was measured at 25°C.

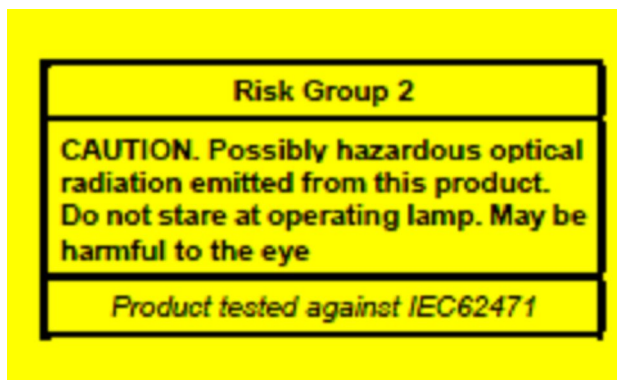
Testing location:

SAMSUNG ELETRONICS Co., Ltd
1, Samsung-ro, Giheung-gu, Yongin-si,
Gyeonggi-do, 446-920, KOREA, REPUBLIC OF

Summary of compliance with National Differences:

The sample(s) tested complies with the requirements of IEC 62471:2006 and EN 62471:2008.
See Attachment at the end of this report for compliance with European Group Difference and National Differences.

Copy of marking plate:



Test item particulars

Tested lamp : continuous wave lamps pulsed lamps

Tested lamp system

Lamp classification group exempt risk 1 risk 2 risk 3

Lamp cap

Bulb.....

Rated of the lamp..... : See Page 1

Furthermore marking on the lamp

Seasoning of lamps according IEC standard

Used measurement instrument.....

Temperature by measurement..... : 24.0 - 25.0 °C

Information for safety use : Not required

Possible test case verdicts:

- 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)

Testing:

Date of receipt of test item : 2015-07-27

Date (s) of performance of tests..... : 2015-07-27

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.
 List of test equipment must be kept on file and available for review.

General product information:

- PKG : LM301A
- CCT : 6500K
- CRI : 80
- Flux rank : S3
- Tested current : DC 500 mA
- A photo of test sample.

