



Application of IEC 62471 for the test source

Report reference No: RSZ
 Compiled by (+ signature): Zero
 Approved by (+ signature): Harri
 Date of issue: 2017
 Testing laboratory: Bay Area
 Address: No.6
: Chin
 Testing location: Sam
 Applicant: Hong
 Address: No.1
: Chin
 Standard: IEC 62471
 Test sample(s) received.....: 2016
 Test in period.....: 2016
 Procedure deviation: N.A.
 Non-standard test method: N.A.

Note: The test data was only valid for the test source shown above and for the specific test conditions. This test requires prior written consent from Bay Area Compliance Labs Corp.

.....: Harr...4*7.

Type of test object
 Trademark

Model/type reference
 Multiple Models.....

Manufacturer.....

Rating

Copy of marking plate:
 None

Test item particulars	
Product evaluated	<input checked="" type="checkbox"/> LED package <input type="checkbox"/> LED module <input type="checkbox"/> Lamp <input type="checkbox"/> Luminaire
Rated voltage (V)	See rating
Rated current (mA)	190mA
Rated CCT (K)	6000-7000K
Rated Luminance (Mcd/m²)	Not specified
Component report data used	<input type="checkbox"/> Not applicable <input checked="" type="checkbox"/> LED package <input type="checkbox"/> LED module <input type="checkbox"/> Lamp Report number:
Possible test case verdicts:	
-test case does not apply to the test object.....:N(.A.)	
-test object does meet the requirement.....:P(ass)	
-test object does not meet the requirement.....:F(ail)	
General remarks:	
<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 point is used as the decimal separator.</p> <p>List of test equipment must be kept on file and available for review.</p> <p>Remark:</p> <p>This report consists of 8 pages and following appendixes:</p> <p>Appendix A EUT photos</p> <p>Appendix B Test equipment list</p>	

General product information:

This product is LED chip, test model is P2835W6F4-C02-8D3A01. Rated input is 7Vdc, 190mA.

Multiple Models are P2835W*F4-C02-*D*A**, and they are electrically identical with the same PCB LAYOUT and circuit as model P2835W6F4-C02-8D3A01, only differences between those models are the correlated colour temperature, color rendering index, welding material and silicone part number.

Hereby declare that there are some differences between our Multiple Models and testing products.

All the asterisk meaning in the model numbers are listed as below:

P2835W*F4-C02-*D*A**

1 2 3 4 5

1.The first asterisk is a number from 1 to 9 which stand for correlated colour temperature. 1 means 2600-2800K, 2 means 2800-3100K, 3 means 3800-4250K, 4 means 4750-5300K, 5 means 5700-6500K, 6 means 6000-7000K, 7 means 2100-2300K, 8 means 3200-3800K, 9 means 5050-5650K.

2.The second asterisk is a number from 6 to 9 which stand for color rendering index. 6 means below 70, 7 means 70-80, 8 means 80-90, 9 means above 90.

3.The third asterisk is a number from 1 to 4 which stand for welding material. 1 means gold wire, 2 means alloyed wire, 3 means K gold wire, 4 means copper wire.

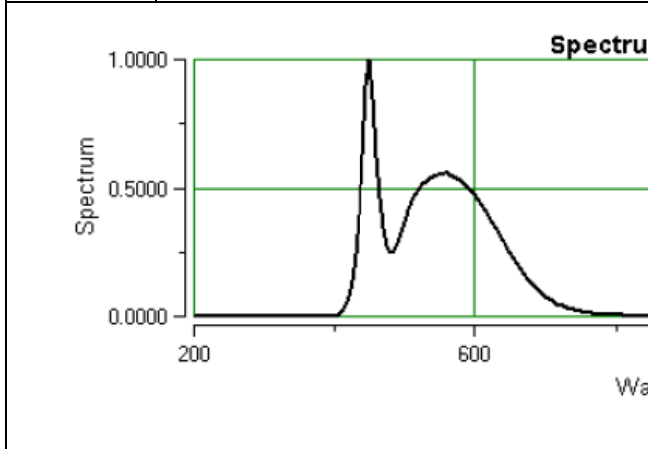
4.The fourth asterisk is an English Letter from A to Z or a number from 0 to 9 which stand for silicone part number.

5. The fifth asterisk is a serial number from 1 to 9.

IEC TR 62778			
Clause	Requirement + Test	Result - Remark	Verdict
	TABLE: Spectroradiometric measurement		P
	Measurement performed on:	<input checked="" type="checkbox"/> LED package <input type="checkbox"/> LED module <input type="checkbox"/> Lamp <input type="checkbox"/> Luminaire	—
	Model number.....	P2835W6F4-C02-8D3A01	—
	Test voltage (V)	7Vdc	—
	Test current (mA)	190mA	—
	Test frequency (Hz).....	-	—
	Ambient, t (°C).....	25.0	—
	Measurement distance	<input checked="" type="checkbox"/> 20 cm <input type="checkbox"/> ... cm	—
	Source size	<input type="checkbox"/> Non-small <input checked="" type="checkbox"/> Small : 1.3mm	—
	Field of view	<input type="checkbox"/> 100 mrad <input checked="" type="checkbox"/> 11 mrad <input type="checkbox"/> 1,7 mrad (for small sources)	—

Item

TABLE: Angular light distribution



FEM

