



TEST REF	
IEC TR 62471	
Application of IEC 62471 for the assessment of light sources and lighting fixtures	
Report reference No	RSZ161104550-1
Compiled by (+ signature)	Youyou Huang
Approved by (+ signature)	Harrison Huang
Date of issue	2016-11-08
Testing laboratory	Bay Area Compliance Labs Corp.
Address	No.69 Pulong Village, Zhongshan Road, Zhongshan City, Guangdong Province, China.
Testing location	Same as above
Applicant	Hongli Zhihui Group
Address	No.1, Xianke Yifang Road, Zhongshan City, Guangdong Province, China
Standard	IEC TR 62778: 2016
Test sample(s) received.....	2016-11-07
Test in period.....	2016-11-07
Procedure deviation	N.A.
Non-standard test method	N.A.
Note: The test data was only valid for the test sample(s) shown above and for the specific product described here. For other products, prior written consent from Bay Area Compliance Laboratory is required.	
Type of test object	LED
Trademark	N.A.
Model/type reference	P2835W6F4-C02
Multiple Models.....	P2835W*F4-C02
Manufacturer.....	Hongli Zhihui Group No.1, Xianke Yifang Road, Zhongshan City, Guangdong Province, China
Rating	Input: 7Vdc, 120mA
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)	See rating
Rated CCT (K)	7000K
Rated Luminance (Mcd/m²)	Not specified
Component report data used	<input checked="" type="checkbox"/> Not applicable <input 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 a LED, test model is P2835W6F4-C02-8D3A01. Rated input is 7Vdc,120mA.

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 Ra, CCT , glue name and wire name.

Unless otherwise specified, CCT 7000K were chosen as the representative models to perform all tests.

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 color 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 7 to 9 which stand for color rendering index.7 means Ra70, 8 means Ra 80, 9 means Ra 90.
3. The third asterisk is a number from 1 to 4 which stand for welding material. 1 means gold line, 2 means alloyed line, 3 means K gold line, 4 means copper line.
- 4 . The forth asterisk and the fifth asterisk are serials of English Letter from A to Z or serials of number from 0 to 9 which stand for silicone part number.



