

| <b>TEST REPORT</b>   |  |
|--|--|
| <b>IEC TR 62778</b>  |  |
| <b>Application of IEC 62471 for the assessment of blue light sources and luminaires</b>  |  |
| Report reference No .....  | RSZ171228550-03  |
| Compiled by (+ signature) .....  | Test Engineer: Youyou Huang <i>You</i>   |
| Approved by (+ signature) .....  | Team Leader: Harrison Huang <i>Huang</i>                                       |
| Date of issue .....  | 2018-01-03   |
| Testing laboratory .....   | Bay Area Compliance Laboratories Corp.   |
| Address .....  | No.69, Pulongcun, Puxinhu Industry Area<br>Guangdong, China.                   |
| Testing location .....   | Same as above  |
| Applicant .....  | Hongli Zhihui Group Co.,Ltd.   |
| Address .....  | No.1, Xianke Yi Road, Huadong Town, H<br>China                                 |
| Standard .....   | IEC TR 62778:2014  |
| Test sample(s) received.....   | 2018-01-02   |
| Test in period.....  | 2018-01-03   |
| Procedure deviation .....  | N.A.   |
| Non-standard test method .....   | N.A.   |
| <b>Note:</b> The test data was only valid for the test sample(s). This test report is prepared as shown above and for the specific product described herein. It must not be duplicated without prior written consent from Bay Area Compliance Laboratories Corp. (Dongguan). |  |
| Type of test object .....  | LED package  |
| Trademark .....  | N.A.   |
| Model/type reference .....   | HL-AM-2835HW-S1-08-HR3   |
| Manufacturer.....  | Hongli Zhihui Group Co.,Ltd.<br>No.1, Xianke Yi Road, Huadong Town, H<br>China |
| Rating .....   | Input: 2.8-3.4Vdc, 60mA  |
| Copy of marking plate:   | None   |
| <b>Test item particulars .....</b>   |  |

|  |   |
|--|---|
| <b>Product evaluated</b> .....                   | <input checked="" type="checkbox"/> <b>LED package</b>    |
|  | <input type="checkbox"/> <b>LED module</b>                |
|  | <input type="checkbox"/> <b>Lamp</b>                      |
|  | <input type="checkbox"/> <b>Luminaire</b>                 |
| <b>Rated voltage (V)</b> .....                   | See rating  |
| <b>Rated current (mA)</b> .....                  | See rating  |
| <b>Rated CCT (K)</b> .....                       | See test result   |
| <b>Rated Luminance (Mcd/m<sup>2</sup>)</b> ..... | Not specified   |
| <b>Component report data used</b> .....          | <input checked="" type="checkbox"/> <b>Not applicable</b> |
|  | <input type="checkbox"/> <b>LED package</b>               |
|  | <input type="checkbox"/> <b>LED module</b>                |
|  | <input type="checkbox"/> <b>Lamp</b>                      |
|  | 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:**

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 point is used as the decimal separator.  
 List of test equipment must be kept on file and available for review.

**Remark:**

This report consists of 7 pages and following appendixes:  
 Appendix A EUT photos  
 Appendix B Test equipment list

**General product information:**

1. This product is a LED package and manufactured by "Hongli Zihui Group Co.,Ltd.", Test model is HL-AM-2835HW-S1-08-HR3, rated input 2.8-3.4Vdc, 60mA.









