



<b>TEST REPORT</b>	
<b>IEC TR 62778</b>	
<b>of IEC 62471 for the assessment of blue light hazard to light sources and luminaires</b>	
Report No	.....: RSZ181031551-03
Compi (signature)	.....: Test Engineer: Will Wang <i>Will Wang</i>
Appro (signature)	.....: Team Leader: Harrison Huang <i>Harrison Huang</i>
Date c	.....: 2018-11-05
Testin	.....: Bay Area Compliance Laboratories Corp. (Dongguan)
Addre	.....: No.69, Pulongcun, Puxinhu Industry Area, Tangxia, Dongguan, Guangdong, China.
Testin	.....: Same as above
Applic	.....: Hongli Zhihui Group Co.,Ltd.
Addre	.....: No.1, Xianke Yi Road, Huadong Town, Huadu District, Guangzhou, China
Stand	.....: IEC TR 62778:2014
Test s	ceived.....: 2018-10-31
Test ir	.....: 2018-11-02
Proce	on .....: N.A.
Non-sl	method .....: N.A.
<b>Note:</b>	a was only valid for the test sample(s). This test report is prepared for the customer shown prior w for the specific product described herein. It must not be duplicated or used in part without nt from Bay Area Compliance Laboratories Corp. (Dongguan).
Type c	.....: LED package
Trader	.....: N.A.
Model	ice .....: HL-AM-2835D1W-S1-08HL-HR6
Multipl	.....: N.A.
Manuf	.....: Hongli Zhihui Group Co.,Ltd. No.1, Xianke Yi Road, Huadong Town, Huadu District, Guangzhou, China
Rating	.....: Input: 5Vdc, 150mA
Copy c	late:
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> .....	--
<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:
<b>Possible test case verdicts:</b>	
-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)	
<b>General remarks:</b>	
<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><b>Remark:</b></p> <p>This report consists of 7 pages and following appendixes:            Appendix A EUT photos            Appendix B Test equipment list</p>	
<b>General product information:</b>	
This product is LED package, test model is HL-AM-2835D1W-S1-08HL-HR6. Rated input is 5Vdc, 150mA.	



IEC TR 62778

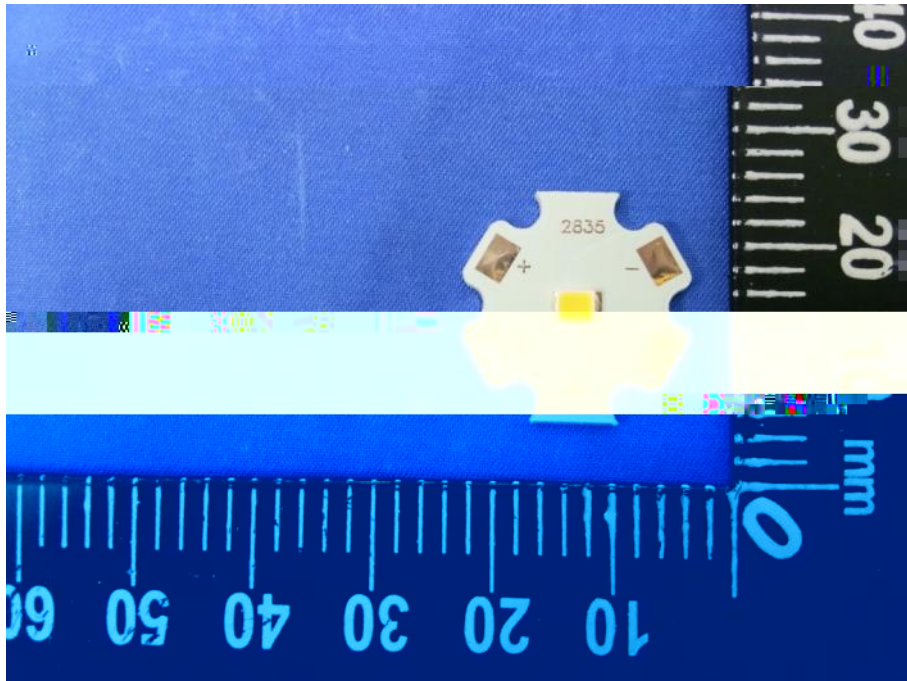
Clause	Requirement + Test	Result - Remark	Verdict
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TABLE: Spectroradiometric measurement			P
	Measurement performed on:	<input checked="" type="checkbox"/> LED package <input type="checkbox"/> LED module <input type="checkbox"/> Lamp <input type="checkbox"/> Luminaire	
	Model number .....	HL-AM-2835D1W-S1-08HL-HR6	
	Test voltage (V) .....	--	
	Test current (A) .....	150mA	
	Test frequency (Hz) .....	--	
	Ambient, t ( C) .....	25.4	
	Measurement distance .....	<input checked="" type="checkbox"/> 20 cm <input type="checkbox"/> ... cm	
	Source size .....	<input type="checkbox"/> Non-small : <input checked="" type="checkbox"/> Small : 0.61mm	
	Field of view .....	<input type="checkbox"/> 100 mrad <input checked="" type="checkbox"/> 11 mrad <input type="checkbox"/> 1,7 mrad (for small sources)	



## Appendix A - EUT Photos

The view of HL-AM-2835D1W-S1-08HL-HR6



FEM

