

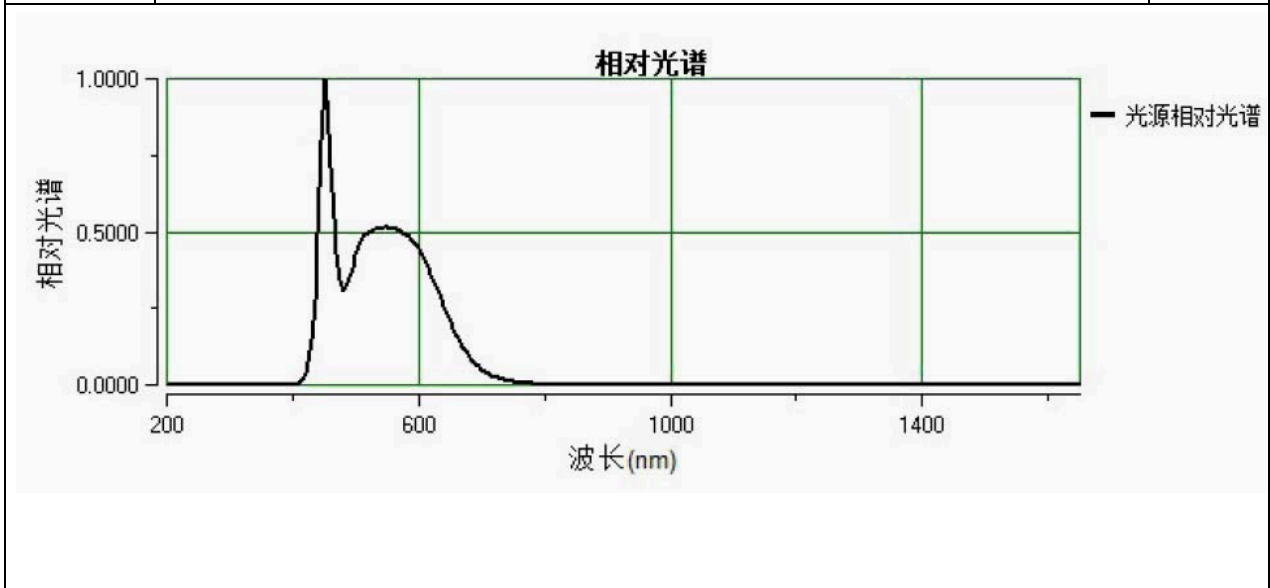
Test item particulars	
Product evaluated	<input checked="" type="checkbox"/> LED package <input type="checkbox"/> LED module <input type="checkbox"/> Lamp <input type="checkbox"/> Luminaire
Rated voltage (V)	See rating
Rated current (mA)	See rating
Rated Luminance (Mcd/m²)	Not specified
Component report data used	<input checked="" type="checkbox"/> Not applicable <input type="checkbox"/> LED package <input type="checkbox"/> LED module <input type="checkbox"/> Lamp
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: Appendix A EUT photos</p>	
General product information:	
"EUT" as referred in this report is a LEDpackage, and the input rating is 6Vdc, 80mA.	

IEC TR 62778			
Clause	Requirement + Test	Result - Remark	Verdict
7	MEASUREMENT INFORMATION FLOW		P
7.1	Basic flow		P
	'Law of conservation of luminance' applied		P
	Use of only true luminance/radiance values		P
	In case of luminaire: The light source is operated in the luminaire under similar conditions as when tested as a component		P
	In case E_{thr} value for RG2 was established the peak value was derived from angular light distribution		N
7.2	Conditions for the radiance measurement		P
	Standard condition applied (200mm distance, 0,011rad field of view)		P
	Non-standard condition applied		N
7.3	Special cases (I): Replacement by a lamp or LED module of another type		N
	Light source is a white light source		N
	Evaluation done based on highest luminance		N
	Evaluation done based on CCT value		N
7.4	Special cases (II): Arrays and clusters of primary light sources		N
	LED package is evaluated as : <input type="checkbox"/> RG0 unlimited <input type="checkbox"/> RG1 unlimited		N
	E_{thr} of LED package applies to array		N
8	RISK GROUP CLASSIFICATION		P
	Risk group achieved:		P
	- .. Risk Group 0 unlimited		N
	- .. Risk Group 1 unlimited		N
	- E_{thr}1208 (lx) : Distance to reach RG1 136(mm) :	RG1	P

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Clause	Requirement + Test	Result - Remark	Verdict

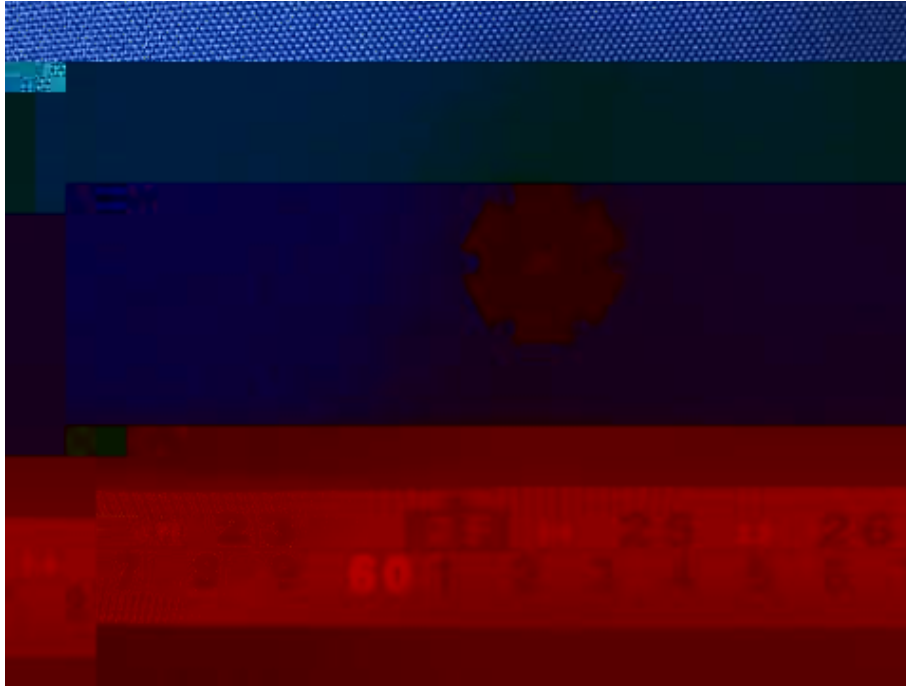
TABLE: Spectroradiometric measurement			P	
	Measurement performed on:	<input checked="" type="checkbox"/> LED package <input type="checkbox"/> LED module <input type="checkbox"/> Lamp <input type="checkbox"/> Luminaire	—	
	Model number	HL-AS-2835D3W-2C-S1-08L-PCT-HR3(R9)-XJ	—	
	Test voltage (V).....	6Vdc	—	
	Test current (mA)	80mA	—	
	Test frequency (Hz).....	--	—	
	Ambient, t(°C)	26	—	
	Measurement distance	<input checked="" type="checkbox"/> 20 cm <input type="checkbox"/> ... cm	—	
	Source size	<input type="checkbox"/> Non-small:mm <input checked="" type="checkbox"/> Small:0.96mm	—	
	Field of view	<input type="checkbox"/> 100 mrad <input type="checkbox"/> 11 mrad <input checked="" type="checkbox"/> 4.8 mrad (for small sources)	—	
Item	Symbol	Units	Result	Remark
Correlated colour temperature	CCT	K	6604	--
x/y colour coordinates	x/y		0.3101/0.3342	--
Blue light hazard radiance	L _B	W/(m ² •sr ¹)	8.164x10 ³	--
Blue light hazard irradiance	E _B	W/m ²	4.616 x 10 ⁻¹	--
Luminance	L	cd/m ²	9.864x10 ⁶	--
Illuminance	E	lx	558	--
Supplementary information: NA				

TABLE: Angular light distribution



Appendix A - EUT Photos

The overall view of EUT





Report No.: SZ2220908-40764E-SF

Directions:

- 1.The information marked # is provided by the applicant, the laboratory is not responsible for its authenticity and this information can affect the validity of the result in the test report.
- 2.Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.
- 3.Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty.
- 4.The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor K with the 95% confidence interval.
- 5.This report cannot be reproduced except in full, without prior written approval of the Company.
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***** End of report *****