

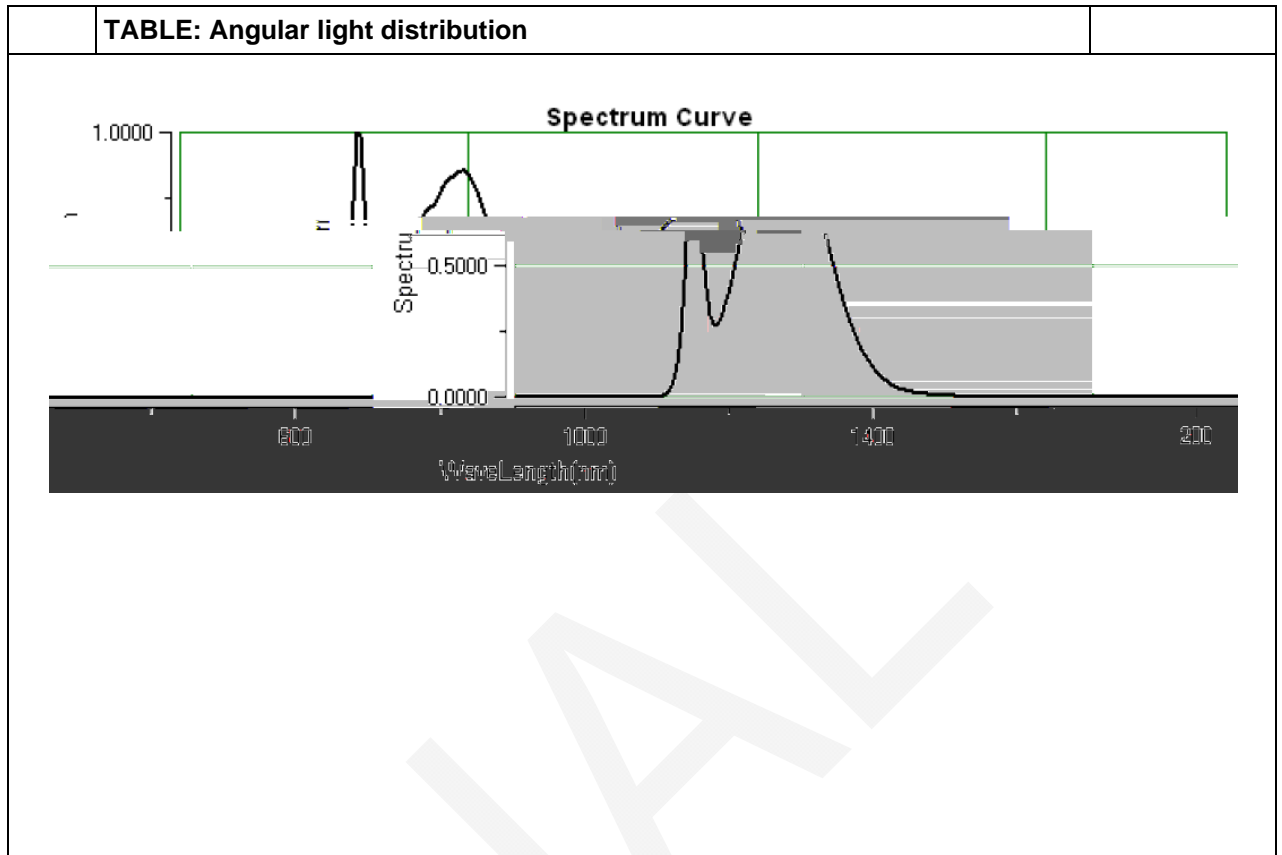
Test item particulars	
Product evaluated	<input checked="" type="checkbox"/> LED package <input type="checkbox"/> LED module <input type="checkbox"/> Lamp <input type="checkbox"/> Luminaire
Rated voltage (V)	See rating
Rated current (mA)	See rating
Rated CCT (K)	--
Rated Luminance (Mcd/m²)	Not specified
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 7 pages and following appendixes: Appendix A EUT photos Appendix B Test equipment list</p>	
General product information:	
This product is LED, test model is HL-A-4014H421W-S1-HR3-DM. Rated input is 2.8-3.4Vdc, 0.06A	

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	HL-A-4014H421W-S1-HR3-DM		—
Test voltage (V)	--		—
Test current (A)	0.06A		—
Test frequency (Hz)	--		—
Ambient, t (°C)	25.0°C		—
Measurement distance	<input checked="" type="checkbox"/> 20 cm <input type="checkbox"/> ... cm		—
Source size	<input type="checkbox"/> Non-small : <input checked="" type="checkbox"/> Small : 0.57mm		—
Field of view	<input type="checkbox"/> 100 mrad <input checked="" type="checkbox"/> 11 mrad <input type="checkbox"/> 1,7 mrad (for small sources)		—

Item	Symbol	Units	Result	Remark
Correlated colour temperature	CCT	K	4383	
x/y colour coordinates			0.3655/0.3689	
Blue light hazard radiance	L _B	W/(m ² •sr ¹)	921	
Blue light hazard irradiance	E _B	W/m ²	1.114e-001	
Luminance	L	cd/m ²	1.601e+006	
Illuminance	E	lx	194	

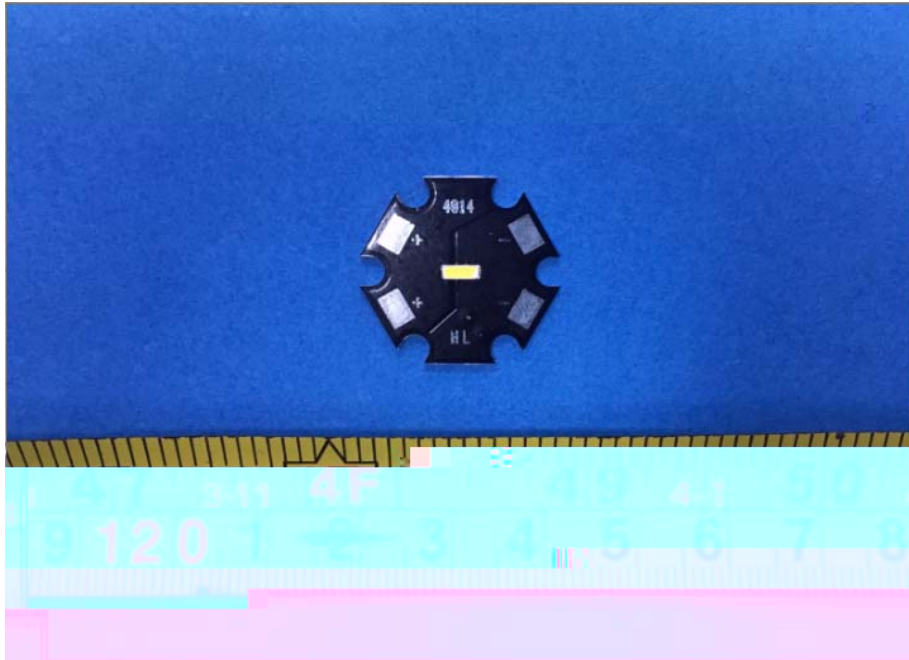
Supplementary information:



FINAL

Appendix A - EUT Photos

The top view of HL-A-4014H421W-S1-HR3-DM



The back view of HL-A-4014H421W-S1-HR3-DM



Appendix B Test equipment list

Equipment Description	Model No	BACL#	Manufacturer	Last Cal	Cal Due
UV-VIS-near IR Spectrophotocolorimeter	PMS-2000	T-08-SF213	EVERFINE	2017-08-08	2018-08-08
Imaging luminance meter	CX-2K	T-08-SF213-1	EVERFINE	2017-08-08	2018-08-08
Radiation illuminance meter	RD-2000	T-08-SF213-2	EVERFINE	2017-08-08	2018-08-08
Radiation illuminance meter	RD-2000	T-08-SF213-3	EVERFINE	2017-08-08	2018-08-08
High Accuracy Array	HAAS-2000	T-08-SF213-4	EVERFINE	2017-08-08	2018-08-08
80mm sample integrating sphere	SMS-300	T-08-SF213-5	EVERFINE	2016-12-26	2018-12-25
Hygrothermograph	VC230	T-08-QA015	VICTOR	2018-03-17	2019-03-17
Steel tape	5m×19mm	T-08-SF197	B&Q	2016-2-25	2021-2-23
High power LED aging dc power supply	B12005	T-08-SF205	BACL	2018-3-26	2019-3-26
AC power supply	HPA-1103	F-08-SF129	EVERFINE	2017-08-08	2018-08-08

*** End of report ***