



Application of IEC 62471 for t sourc

Report reference No: RSZ

Compiled by (+ signature): Youy

Approved by (+ signature): Harri

Date of issue: 2017

Testing laboratory: Bay ,

Address: No.6

Guar

Testing location: Sam

Applicant: Hong

Address: No.1

Chin

Standard: IEC

Test sample(s) received.....: 2017

Test in period.....: 2017

Procedure deviation: N.A.

Non-standard test method: N.A.

Note: The test data was only valid for the test
shown above and for the specific product de
prior written consent from Bay Area Compla

Type of test object: LED

Trademark: N.A.

Model/type reference: P28

Multiple Models.....:

Manufacturer.....

Rating: Input: 3Vdc, 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)	See test result
Rated Luminance (Mcd/m ²)	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. 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.</p> <p>Remark: This report consists of 8 pages and following appendixes: Appendix A EUT photos Appendix B Test equipment list</p>	

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.....:	P2835W6H5-D01-8D3A01	—
	Test voltage (V)	3Vdc	—
	Test current (mA).....:	120mA	—
	Test frequency (Hz).....:	-	—
	Ambient, t (°C).....:	25.5	—
	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 : 0.54 mm	—
	Field of view	<input type="checkbox"/> 100 mrad <input checked="" type="checkbox"/> 11 mrad <input type="checkbox"/> 1,7 mrad (for small sources)	—

Item	Symb ol	Units	Result	Remark
Correlated colour temperature	CCT	K	7218	
x/y colour coordinates			0.3024/0.3187	
Blue light hazard radiance	L _B	W/(m ² •sr ¹)	3550	
Blue light hazard irradiance	E _B	W/m ²	0.3543	
Luminance	L	cd/m ²	3.703e+006	
Illuminance	E	lx	370	

Supplementary information:



