



TEST REPORT
IEC TR 62778

**Application of IEC 62471 for the assessment of blue light hazard to
light sources and luminaires**

Report Reference No.....: EED31K002109

Compiled by (+ signature).....: Carrie Lin

Reviewed by (+ signature).....: Torres He

Approved by (+ signature).....: Amo Liu

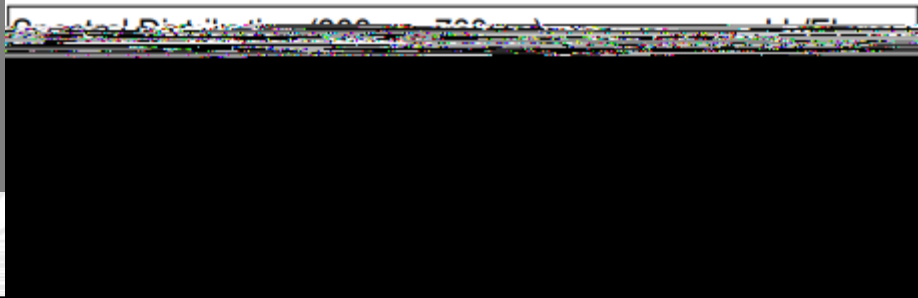


Summary of testing:

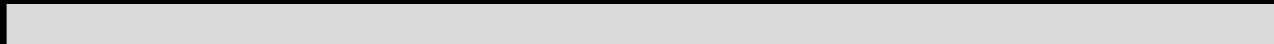
Test conditions:

1. Ambient temperature: 24,8 ; Humidity: 53%;
2. Measurement distance: 200mm;
3. Aperture stop: 7mm

Spectral Distribution



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)..... :	5,0V DC
Rated current (mA)..... :	60mA
Rated CCT (K)..... :	N/A
Rated Luminance (Mcd/m ²)..... :	N/A
Component report data used	<input type="checkbox"/> Not applicable <input checked="" type="checkbox"/> LED package





IEC TR 62778			
Clause	Requirement + Test	Result - Remark	Verdict
7	MEASUREMENT INFORMATION FLOW		P
7.1	Basic flow		N/A
	'Law of conservation of luminance' applied		N/A
	Use of only true luminance/radiance values		N/A
	In case of luminaire: The light source is operated in the luminaire under similar conditions as when tested as a component		N/A
	In case E_{thr} value for RG2 was established the peak value was derived from angular light distribution		N/A
7.2	Conditions for the radiance measurement		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.....	2835-HCL		
Test voltage (V).....	3,02		
Test current (mA).....	60		
Test frequency (Hz).....	N/A		

Item	Symbol	Units	Result
------	--------	-------	--------



Photo Document

