



Report No.: RSZ200619550-SF

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Test item pa

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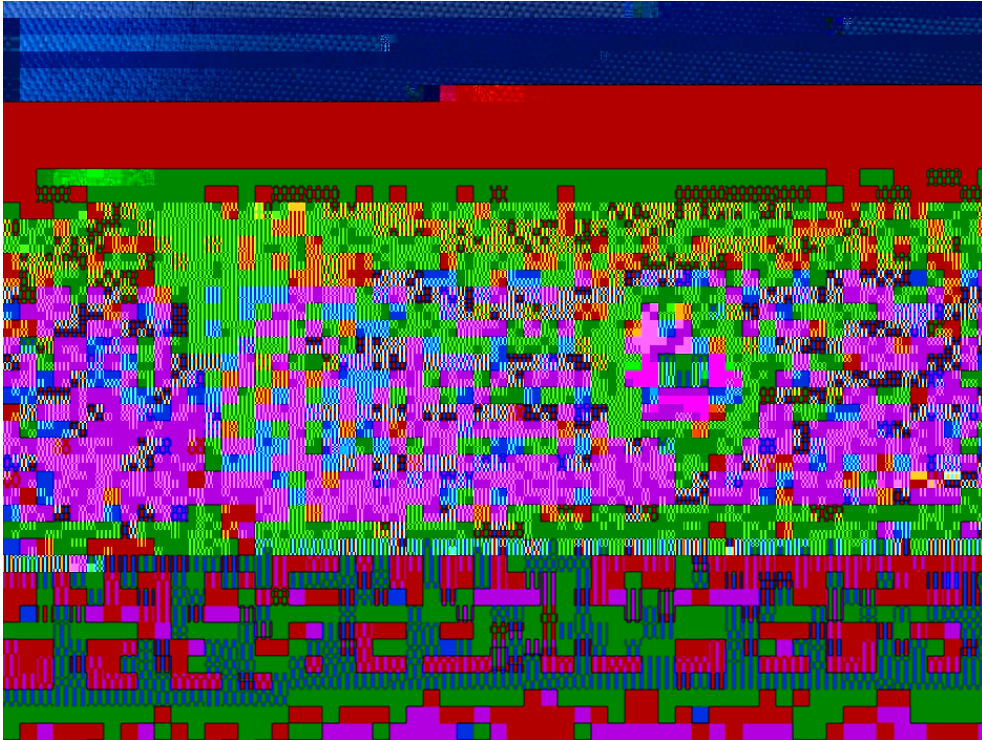
IEC TR 62778			
Clause	Requirement + Test	Result - Remark	Verdict
7	MEASUREMENT INFORMATION FLOW		P
7.1	Basic flow		P
	'Law of conservation of luminance' applied		P
	Use of only true luminance/radiance values		P
	In case of luminaire: The light source is operated in the luminaire under similar conditions 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 <input type="checkbox"/> RG2 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		P
	- Risk Group 2 unlimited		N
	- E_{thr} (lx) : Distance to reach RG1(mm) :	1998 lx 87 mm	P

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-2835DW-S1-08-HR5	—	
Test voltage (V)		2.8-3.4Vdc	—	
Test current (mA)		150mA	—	
Test frequency (Hz)		--	—	
Ambient, t (°C)		25.7	—	
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: 0.70 mm	—	
Field of view		<input type="checkbox"/> 100 mrad <input type="checkbox"/> 11 mrad <input checked="" type="checkbox"/> 3.5 mrad (for small sources)	—	
Item	Symb ol	Units	Result	Remark
Correlated colour temperature	CCT	K	4129	--
x/y colour coordinates	x/y		0.3757/0.3765	--
Blue light hazard radiance	L _B	W/(m ² •sr ¹)	5.627 x 10 ³	--
Blue light hazard irradiance	E _B	W/m ²	1.900 x 10	

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Appendix A - EUT Photos

EUT- The overall view





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DIRECTIONS

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