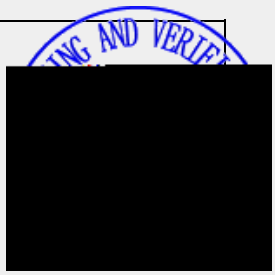
Compiled by (+signature) .....:	Test Engineer: Zero Gao
Approved by (+signature) .....:	Project Engineer:Harrison Huang



Test item pa

IEC TR 62778			
Clause	Requirement + Test	Result - Remark	Verdict

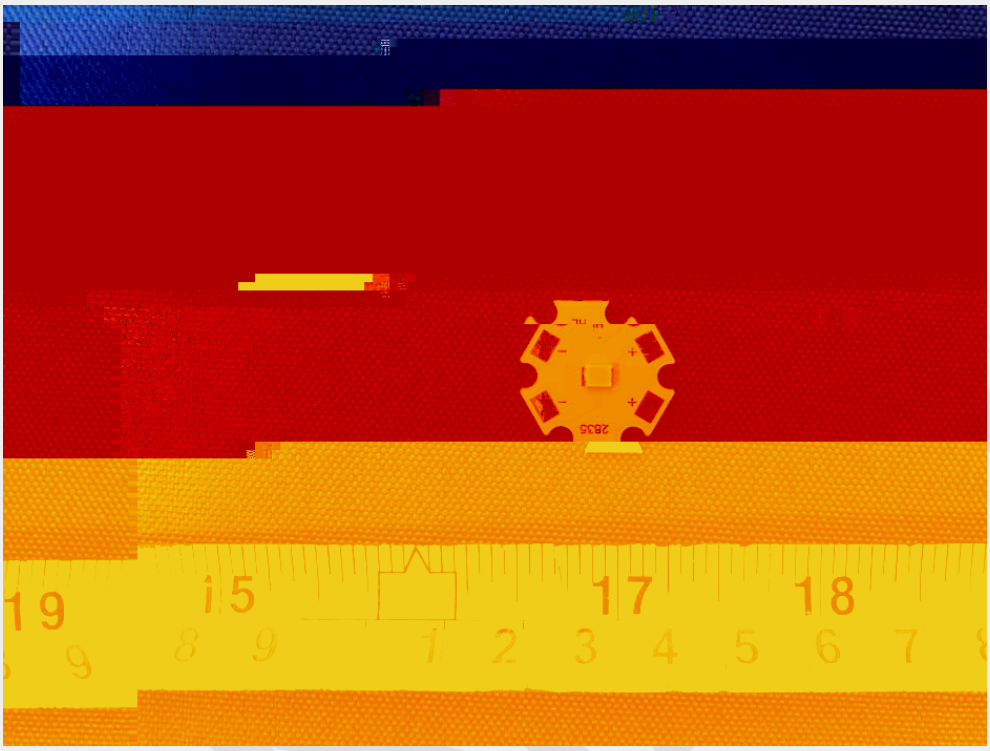
7	**MEASUREMENT INFORMATION FLOW**		**P**
7.1	**Basic flow**		**P**
	'Law of conservation of luminance' applied		P
	Use of only true luminance/radiance values		P
	In case of luminaire: The light source is operated in the luminaire under similar conditions as when tested as a component		P
	In case E_{thr} 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 ..... :	☐ RG0 unlimited ☐ RG1 unlimited ☐ RG2 unlimited	N
	E_{thr} of LED package applies to array		N
8	**RISC 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:	☒ **LED package** ☐ **LED module** ☐ **Lamp** ☐ **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	☒ 20 cm ☐ ... cm	—
	Source size	☐ Non-small: mm ☒ Small: 0.70 mm	—
	Field of view	☐ 100 mrad ☐ 11 mrad ☒ 3.5 mrad (for small sources)	—

Item	Symbol	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	$W/(m^2 \cdot sr^1)$	5.627×10^3	--
Blue light hazard irradiance	E_B	W/m^2	1.900 x 10	

Appendix A - EUT Photos

EUT- The overall view



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.
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*****End of report*****