

TEST REPORT

IEC TR 62778

Application of IEC 62471 for the assessment of light sources and luminaire

Report reference No	RSZ161226554-03M1
Compiled by (+ signature)	Zero Gao
Approved by (+ signature)	Harrison Huang
Date of issue	2017-08-04
Testing laboratory	Bay Area Compliance Laboratory
Address	No.69 Pulongcun, Puxinhu In Tangxia,Dongguan,Guangdo
Testing location	Same as above
Applicant	Hongli Zihui Group Co.,Ltd.
Address	No.1, Xianke Yi Road, Huad China
Standard	IEC TR 62778:2016
Test sample(s) received.....	2016-12-28
Test in period.....	2016-12-28 to 2017-01-05
Procedure deviation	N.A.
Non-standard test method	N.A.
Note: The test data was only valid for the test sample(s) shown above and for the specific product described herei prior written consent from Bay Area Compliance Laboratc	
Type of test object	LED
Trademark	N.A.
Model/type reference	P2835W6F4-C02
Multiple Models.....	P2835W*F4-C02
Manufacturer.....	Hongli Zihui Gr No.1, Xianke Yi f China
Rating	Input: 7Vdc, 190mA
Copy of marking plate: None	



RSZ161226554-03M1

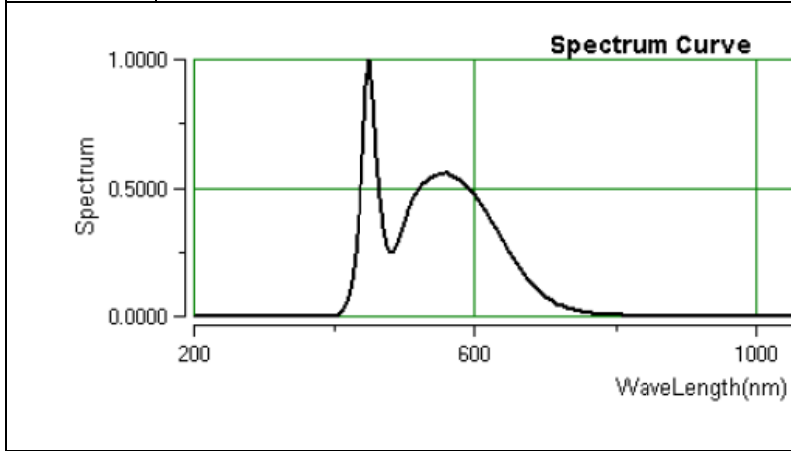
Test item particulars

Product evaluated

FINAL

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) :	1229 lx 199 mm	P

TABLE: Angular light distribution



FEMVA

