TEST REPORT

IEC TR 62778

Application of IEC 62471 for the assessment o sources and luminaire

Report reference No ..... :	RSZ161215554-03
Compiled by (+ signature) ..... :	Zero Gao
Approved by (+ signature) ..... :	Harrison Huang
Date of issue ..... :	2016-12-19
Testing laboratory ..... :	Bay Area Compliance Labora
Address ..... :	No.69 Pulong Village Puxinhu China.
Testing location ..... :	Same as above
Applicant ..... :	Hongli Zhihui Group Co.,Ltd.
Address ..... :	No.1, Xianke Yi Road, Huadc China
Standard ..... :	IEC TR 62778:2014 (Second
Test sample(s) received..... :	2016-12-19
Test in period..... :	2016-12-19
Procedure deviation ..... :	N.A.
Non-standard test method ..... :	N.A.

Note: The test data was only valid for the test sample(s). This test rep shown above and for the specific product described herein. It must nc prior written consent from Bay Area Compliance Laboratories Corp. (I

Type of test object ..... :	LED
Trademark ..... :	N.A.
Model/type reference ..... :	HL-A-2835HW-S1-08-HR3
Manufacturer..... ..... :	Hongli Zhihui Group Co.,Ltd. No.1, Xianke Yi Road, Huadc China
Rating ..... :	Input: 2.8-3.4Vdc, 60mA

Copy of marking plate:

None

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Clause	Requirement + Test	Result - Remark	Verdict

	TABLE: Spectroradiometric measurement		**P**
	Measurement performed on:	☒ **LED package** ☐ **LED module** ☐ **Lamp** ☐ **Luminaire**	
	Model number.....	HL-A-2835HW-S1-08-HR3	
	Test voltage (V)	2.8-3.4Vdc	
	Test current (mA)	60mA	
	Test frequency (Hz).....	-	
	Ambient, t (C).....	25.3℃	
	Measurement distance.....	☒ 20 cm ☐ ... cm	
	Source size	☐ Non-small ☒ Small : 0.46mm	
	Field of view	☐ 100 mrad ☒ 11 mrad ☐ 1,7 mrad (for small sources)	

Item	Symbol	Units	Result	Remark
Correlated colour temperature	CCT	K	6710	
x/y colour coordinates	x/y		0.3082/0.03338	
Blue light hazard radiance	L_B	$W/(m^2 \cdot sr^1)$	1687	
Blue light hazard irradiance	E_B	W/m^2	1.408e-001	
Luminance	L	cd/m^2	2.055e+006	
Illuminance	E	lx	171	
Supplementary information:				

	TABLE: Angular light distribution