Application of IEC 62f I E C 6 2 n .. 44.22. . 88 .. 88 88 . .11.

Report reference Nc
Compiled by (+ sign
Approved by (+ sigr
Date of issue .....
Testing laboratory ..
Address .....
Testing location .....
Applicant .....
Address .....
Standard .....
Test sample(s) rece
Test in period.....
Procedure deviation
Non-standard test m
Note: The test data shown above and fc prior written consen
Type of test object .
Trademark .....
Model/type referenc
Manufacturer.....
Rating .....
Copy of marking pla None
Test item particula

Product evaluated .....:	☒ **LED package** ☐ **LED module** ☐ **Lamp** ☐ **Luminaire**
Rated voltage (V) .....:	See rating
Rated current (mA).....:	See rating
Rated CCT (K) .....:	See test result
Rated Luminance (Mcd/m^2).....:	Not specified
Component report data used .....:	☒ **Not applicable** ☐ **LED package** ☐ **LED module** ☐ **Lamp** Report number:

Possible test case verdicts:

-test case does not apply to the test object.....:N(.A.)

-test object does meet the requirement.....:P(ass)

-test object does not meet the requirement.....:F(ail)

General remarks:

The test results presented in this report relate only to the object tested.
This report shall not be reproduced, except in full, without the written approval of the Issuing testing laboratory.
"(See Enclosure #)" refers to additional information appended to the report.
"(See appended table)" refers to a table appended to the report.
Throughout this report a point is used as the decimal separator.
List of test equipment must be kept on file and available for review.

Remark:

This report consists of 7 pages and following appendixes:
Appendix A EUT photos
Appendix B Test equipment list

General product information:

1. This product is a LED package and manufactured by “Hongli Zhihui Group Co.,Ltd.”, Test model is HL-A-2835DW-S1-08-HR3, rated input 2.8-3.4Vdc, 150mA.

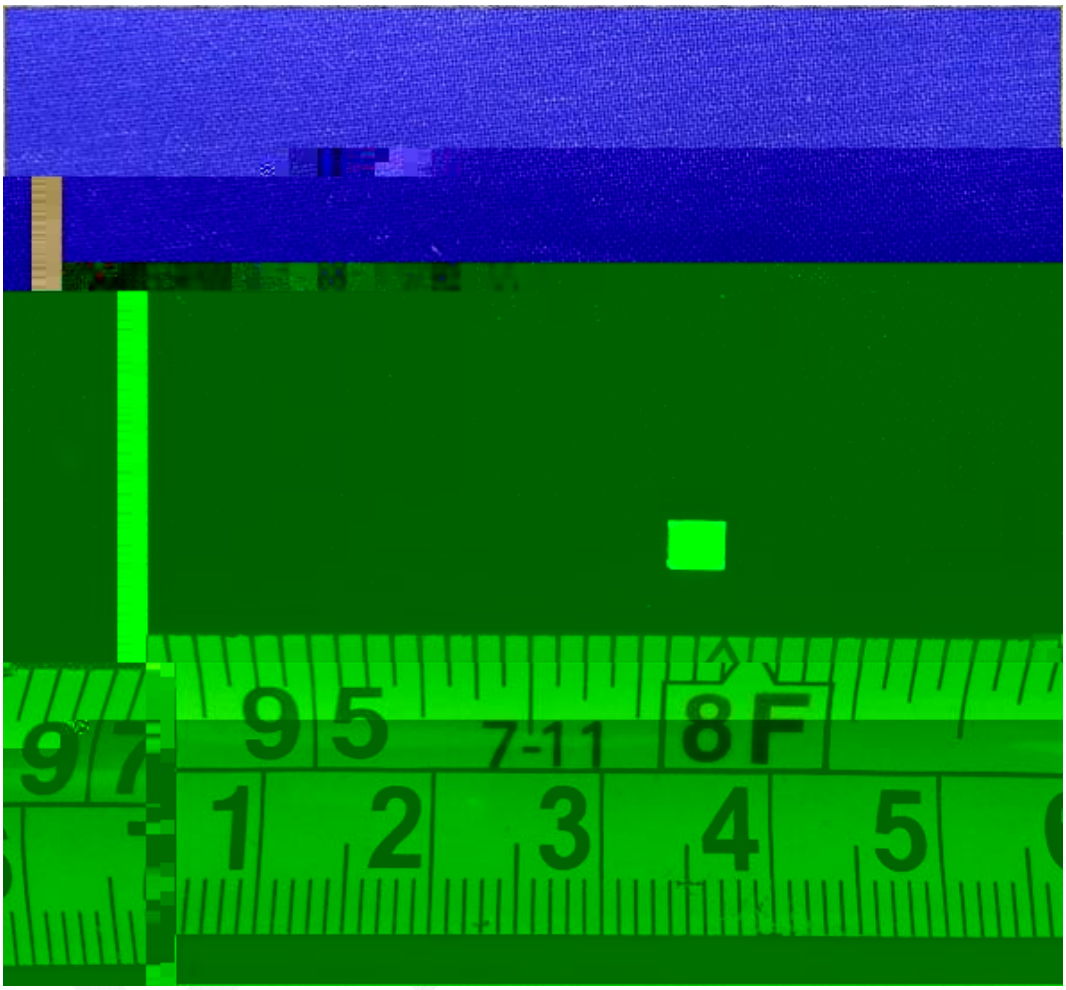
IEC TR 62778			
Clause	Requirement + Test	Result - Remark	Verdict

	TABLE: Spectroradiometric measurement		**P**
	Measurement performed on:	☒ **LED package** ☐ **LED module** ☐ **Lamp** ☐ **Luminaire**	—
	Model number.....:	HL-A-2835DW-S1-08-HR3	—
	Test voltage (V) .....:	2.8-3.4Vdc	—
	Test current (mA) .....:	150mA	—
	Test frequency (Hz).....:	-	—
	Ambient, t (°C).....:	25.5℃	—
	Measurement distance .....:	☒ 20 cm ☐ cm	—
	Source size .....:	☐ Non-small: mm ☒ Small : 0.87 mm	—
	Field of view .....:	☐ 100 mrad ☒ 11 mrad ☐ 1,7 mrad (for small sources)	—

Item	Symbol	Units	Result	Remark
Correlated colour temperature	CCT	K	7225	
x/y colour coordinates			0.3017/0.3214	
Blue light hazard radiance	L_B	$W/(m^2 \cdot sr^1)$	5005	
Blue light hazard irradiance	E_B	W/m^2	0.4322	
Luminance	L	cd/m^2	5.561e+006	
Illuminance	E	lx	480	
Supplementary information:				

Appendix A - EUT Photos

The Whole view of EUT



Appendix B Test equipment list

Equipment Description	Model No	BACL#	Manufacturer	Last Cal	Cal Due
UV-VIS-near IR Spectrophotocolorimeter	PMS-2000	T-08-SF213	EVERFINE	2017-08-08	2018-08-07
Imaging luminance meter	CX-2K	T-08-SF140-1	EVERFINE	2017-08-08	2018-08-07
Radiation illuminance meter	RD-2000	T-08-SF140-2	EVERFINE	2017-08-08	2018-08-07
Radiation illuminance meter	RD-2000	T-08-SF140-3	EVERFINE	2017-08-08	2018-08-07
High Accuracy Array	HAAS-2000	T-08-SF140-4	EVERFINE	2017-08-08	2018-08-07
Hygrothermograph	PWS280	T-08-QA026	N/A	2017-03-21	2018-03-20
Standard power spectral UV radiation-specific	UVS-8003	T-08-EE048	EVERFINE	2017-03-21	2018-03-20
80mm sample integrating sphere	SMS-300	F-08-SF130	EVERFINE	2016-12-26	2018-12-25
Steel tape	HILOCK-19	T-08-SF100	TAJIMA	2013-04-18	2018-04-17
Digital CC&CV DC Power Supply	WY305	T-08-EE098	EVERFINE	2017-03-04	2018-03-04

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