

Application of IEC 624

Report reference No

Compiled by (+ signature)

Approved by (+ signature)

Date of issue

Testing laboratory

Address

Testing location

Applicant

Address

Standard

Test sample(s) received.....

Test in period.....

Procedure deviation

Non-standard test method

Note: The test data was only val
shown above and for the specific
prior written consent from Bay Ai

Type of test object

Trademark

Model/type reference

Multiple Models.....

Manufacturer.....

Rating

Copy of marking plate:

None



F

General product information:

This product is LED chip, test model is P2835W6H5-C03-8D3AA3. Rated input is 10Vdc, 120mA.

Multiple Models are P2835W*H5-C03-*D*A**, and they are electrically identical with the same PCB LAYOUT and circuit as model P2835W6H5-C03-8D3AA3, only differences between those models are the correlated colour temperature, color rendering index, welding material and silicone part number.

Hereby declare that there are some differences between our Multiple Models and testing products.

All the asterisk meaning in the model numbers are listed as below:

P2835W*H5-C03-*D*A**

1 2 3 4 5

1. The first asterisk is a number from 1 to 9 which stand for correlated colour temperature. 1 means 2600-2800K, 2 means 2800-3100K, 3 means 3800-4250K, 4 means 4750-5300K, 5 means 5700-6500K, 6 means 6000-7000K, 7 means 2100-2300K, 8 means 3200-3800K, 9 means 5050-5650K.

2. The second asterisk is a number from 6 to 9 which stand for color rendering index. 6 means below 70, 7 means 70-80, 8 means 80-90, 9 means above 90.

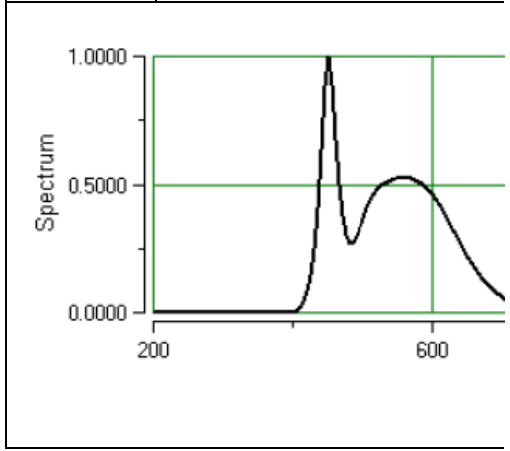
3. The third asterisk is a number from 1 to 4 which stand for welding material. 1 means gold wire, 2 means alloyed wire, 3 means K gold wire, 4 means copper wire.

4. The fourth asterisk is an English Letter from A to Z or a number from 0 to 9 which stand for silicone part number.

5. The fifth asterisk is a serial number from 1 to 9.

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

TABLE: Angula [REDACTED]



FERA

Appendix B Test equipment list

Equipment Description	Model No	BACL#	Manufacturer	Last Cal	Cal Due
UV-VIS-near IR Spectrophotocolori meter	PMS-2000	T-08-SF213	EVERFINE	2016-08-08	2017-08-08
Imaging luminance meter	CX-2K	T-08-SF140-1	EVERFINE	2016-08-08	2018-08-08
Radiation illuminance meter	RD-2000	T-08-SF140-2	EVERFINE	2016-08-08	2018-08-08
Radiation illuminance meter	RD-2000	T-08-SF140-3	EVERFINE	2016-08-08	2018-08-08
High Accuracy Array	HAAS-2000	T-08-SF140-4	EVERFINE	2016-08-08	2018-08-08
Hygrothermograph	PWS280	T-08-QA026	N/A	2016-03-21	2017-03-21
Standard power spectral UV radiation-specific	UVS-8003	T-08-EE048	EVERFINE	2016-03-21	2017-03-21
80mm sample integrating sphere	SMS-300	F-08-SF130	EVERFINE	2016-12-25	2018-12-24
Steel tape	HILOCK-19	T-08-SF100	TAJIMA	2013-4-18	2018-4-17

*** End of report ***