

LED Test Report

Product Mark

Product Type : K52-30S-1208F2-14.4

Manufacturer :

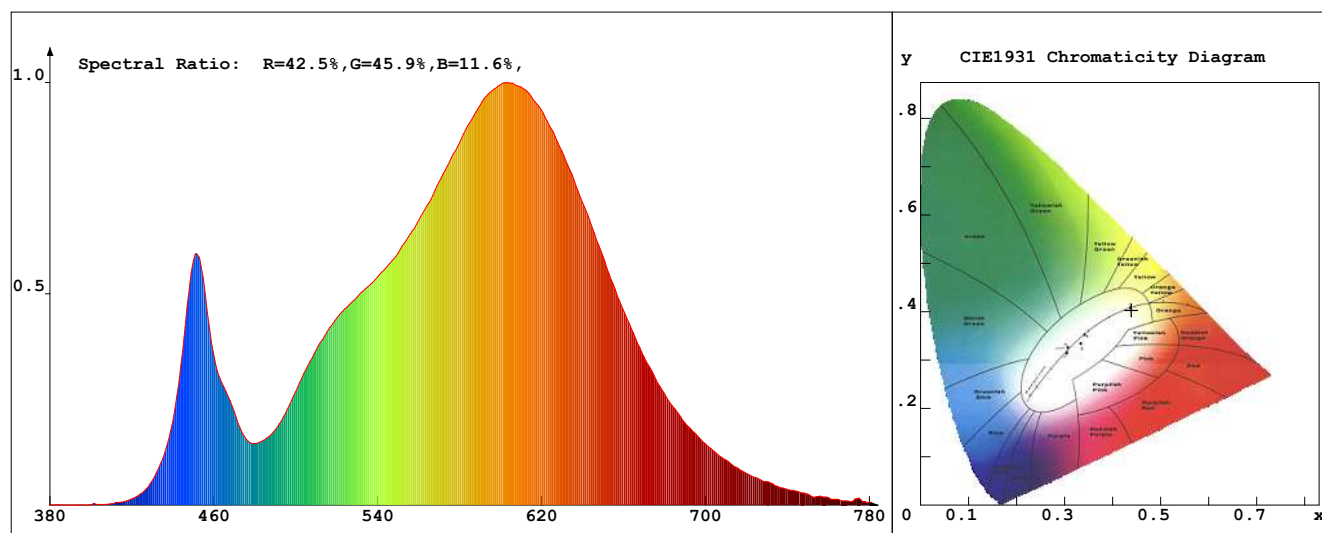
Temperature : 'C

Humidity : %

Operator :

Test Date : 18-10-21 17:55:14

Remark: BIN CT STEP3 LOTTO 455



Chroma Parameters

Chro.Coord.: x=0.4390 y=0.4027 u=0.2525 v=0.3474 duv=-0.0008

CCT: 2954K Dominant Wave.: 583.3nm Purity: 52.7% Centre Wave: 593.0nm

Flux RGB Ratio: R=22.2%, G=76.3%, B=1.5% Peak Wave: 600.7nm Half Width: 125.0nm

Rendering Index: Ra= 81.1 CRI= 78.0

R1 =79 R2 =89 R3 =96 R4 =79 R5 =79 R6 =87 R7 =82 R8 =57

R9 =2 R10=75 R11=78 R12=67 R13=81 R14=98 R15=72

PPF: 9.280umol/s (400-700nm)

PRF: 1.9mW (400-700nm)

PAR: 1.7mW (400-700nm)

Photo Parameters

Flux: 681.78lm Effi.: 104.8lm/W Radiant: 1974.2mW Iv: 0.0mcd

Scotopic Flux: 884.2Plm Effi.: 0.0Plm/W S/P: 1.3

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 9595.020umol/s (380-780nm)

Ele. Parameters

Forward Current: If=271.0mA

Reverse Voltage: Vr=5.00V

Forward Voltage: Vf=24.00V

Reverse Current: Ir=0.00uA

Power: P=6.520W

Instrument state

Instrument: Lisun

Integral Time: 197.995ms

VPeak: 13352

VDark: 1257

Scan Range: 380-780nm

Product ID: 201508924

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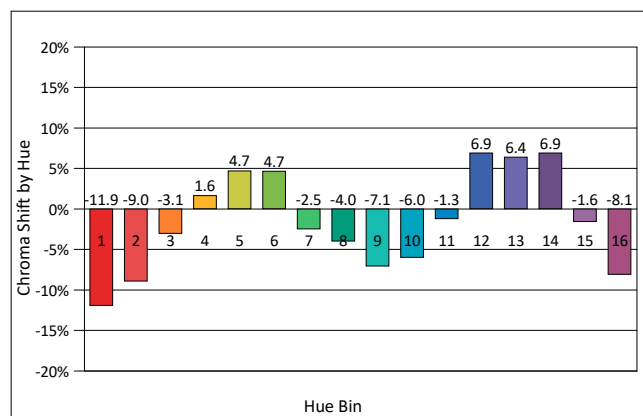
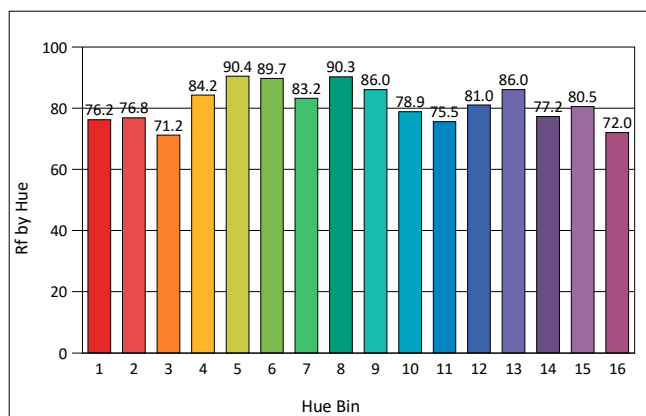
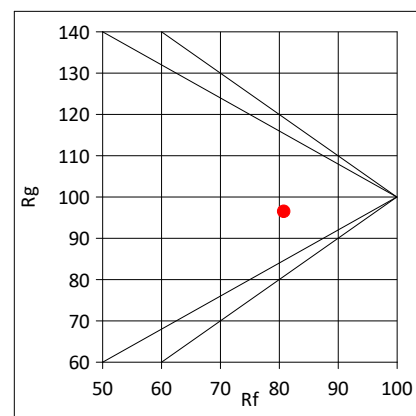
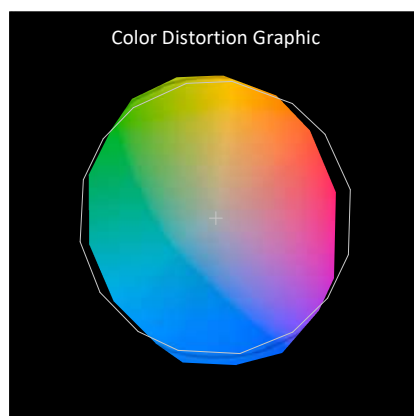
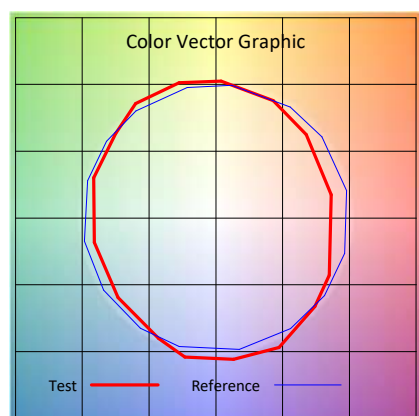
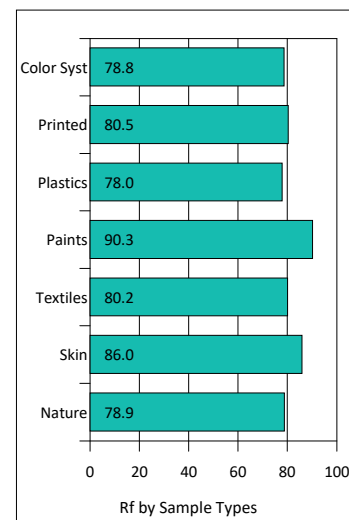
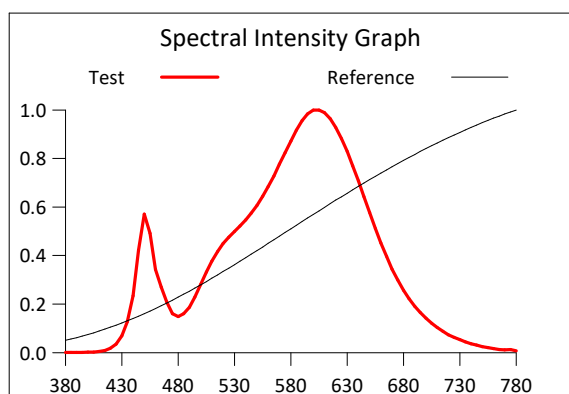
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Rf: 80.8 CCT(K): 2954 u': 0.2525
 Rg: 96.5 LER: 333.6 Duv: -0.0008 v': 0.3474

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	76.2	-11.9%	-0.8%
2	76.8	-9.0%	7.8%
3	71.2	-3.1%	13.3%
4	84.2	1.6%	8.4%
5	90.4	4.7%	5.2%
6	89.7	4.7%	-3.1%
7	83.2	-2.5%	-8.8%
8	90.3	-4.0%	-3.2%
9	86.0	-7.1%	2.3%
10	78.9	-6.0%	10.4%
11	75.5	-1.3%	15.7%
12	81.0	6.9%	5.7%
13	86.0	6.4%	-5.5%
14	77.2	6.9%	-15.0%
15	80.5	-1.6%	-10.7%
16	72.0	-8.1%	-18.1%



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