

LED Test Report

Product Mark

Product Type : K52-40s-1208F2-14.4

Manufacturer :

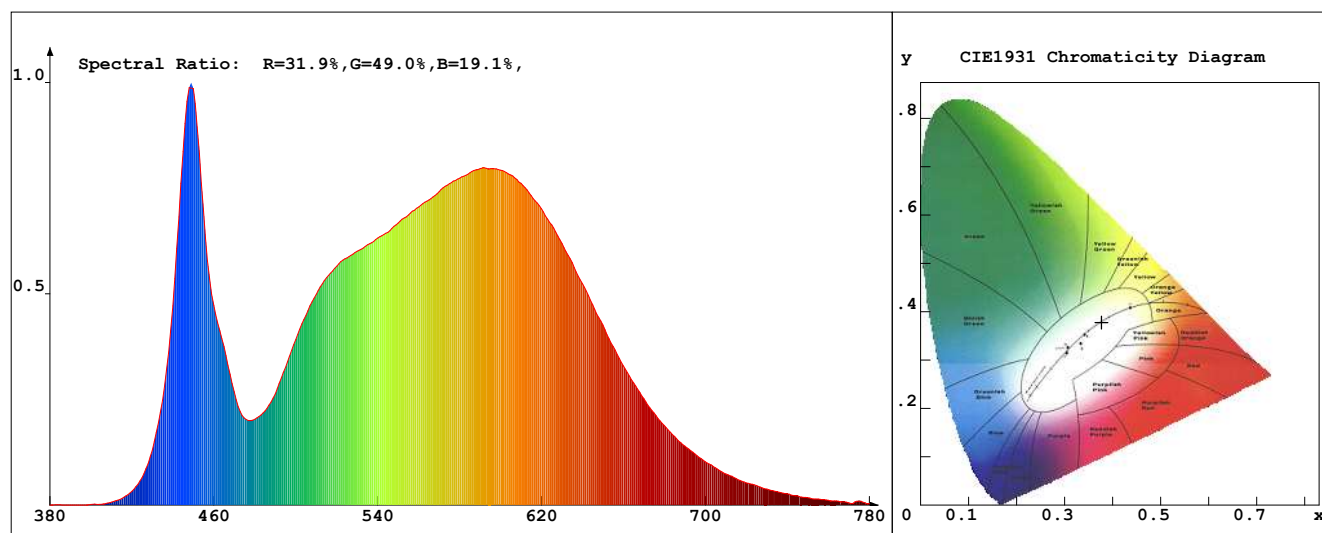
Temperature : 'C

Humidity : %

Operator :

Test Date : 07-07-21 11:41:12

Remark: BIN CT STEP3 LOTTO 441



Chroma Parameters

Chro.Coord.: x=0.3768 y=0.3779 u=0.2223 v=0.3344 duv=0.0016

CCT: 4107K Dominant Wave.: 577.7nm Purity: 26.5% Centre Wave: 448.7nm

Flux RGB Ratio: R=17.1%, G=80.6%, B=2.2% Peak Wave: 447.6nm Half Width: 18.5nm

Rendering Index: Ra= 82.5 CRI= 78.2

R1 =81 R2 =87 R3 =93 R4 =83 R5 =81 R6 =83 R7 =87 R8 =66

R9 =9 R10=70 R11=82 R12=61 R13=82 R14=96 R15=75

PPF: 9.445umol/s (400-700nm)

PRF: 2.0mW (400-700nm)

PAR: 1.8mW (400-700nm)

Photo Parameters

Flux: 715.27lm Effi.: 109.8lm/W Radiant: 2062.2mW Iv: 0.0mcd

Scotopic Flux: 1209.6Plm Effi.: 0.0Plm/W S/P: 1.7

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 9679.460umol/s (380-780nm)

Ele. Parameters

Forward Current: If=273.0mA

Reverse Voltage: Vr=5.00V

Forward Voltage: Vf=23.87V

Reverse Current: Ir=0.00uA

Power: P=6.520W

Instrument state

Instrument: Lisun

Integral Time: 207.751ms

VPeak: 14872

VDark: 1164

Scan Range: 380-780nm

Product ID: 201508924

IES TM-30-2015 Test Report

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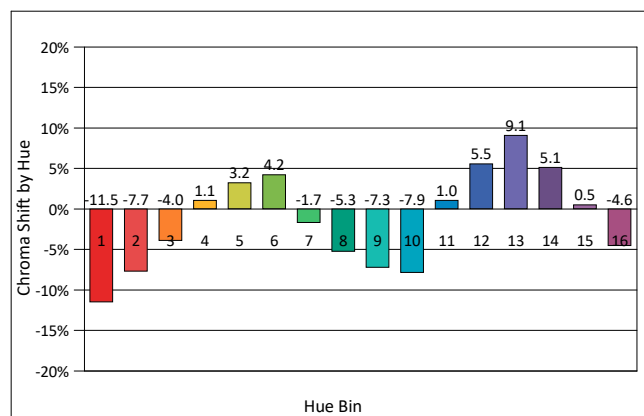
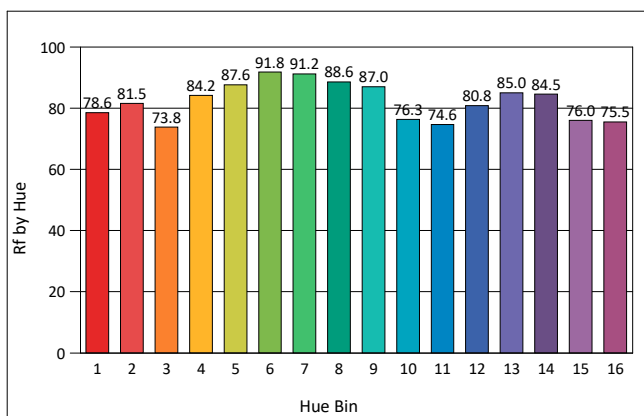
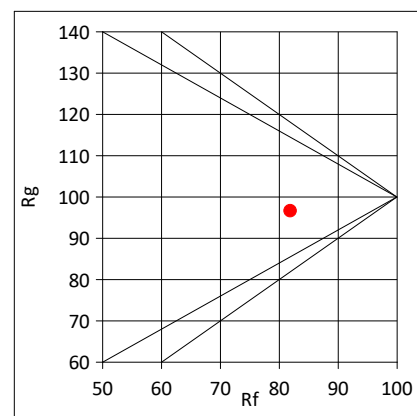
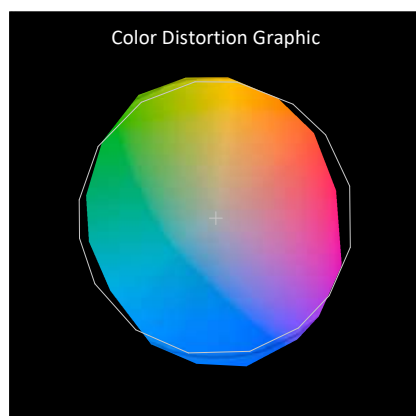
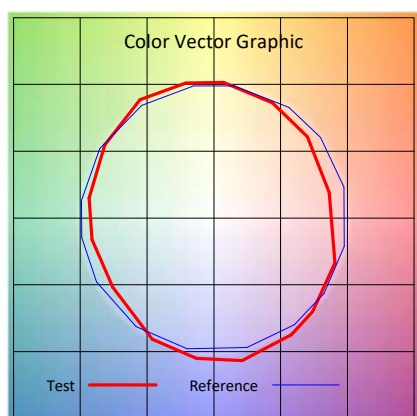
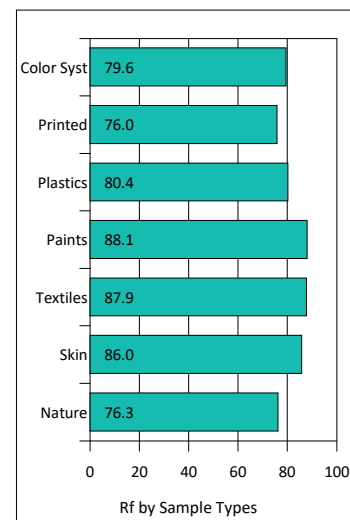
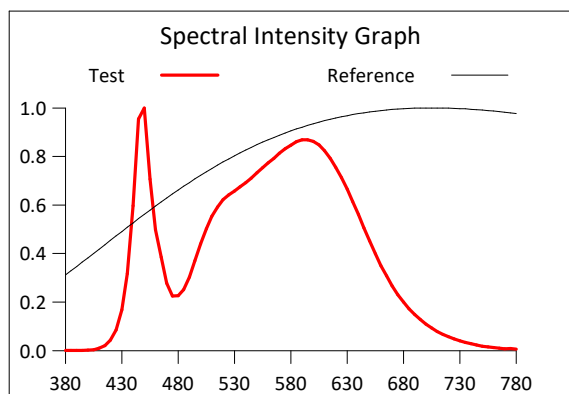
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Rf: 81.9 CCT(K): 4107 u': 0.2223
 Rg: 96.6 LER: 332.0 Duv: 0.0016 v': 0.3344

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	78.6	-11.5%	-1.8%
2	81.5	-7.7%	5.7%
3	73.8	-4.0%	12.0%
4	84.2	1.1%	8.7%
5	87.6	3.2%	5.2%
6	91.8	4.2%	-1.5%
7	91.2	-1.7%	-4.6%
8	88.6	-5.3%	-2.9%
9	87.0	-7.3%	2.9%
10	76.3	-7.9%	10.2%
11	74.6	1.0%	15.2%
12	80.8	5.5%	8.0%
13	85.0	9.1%	-5.3%
14	84.5	5.1%	-5.9%
15	76.0	0.5%	-16.1%
16	75.5	-4.6%	-13.4%



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