

LED Test Report

Product Mark

Product Type : K52-30s-120DF2

Manufacturer :

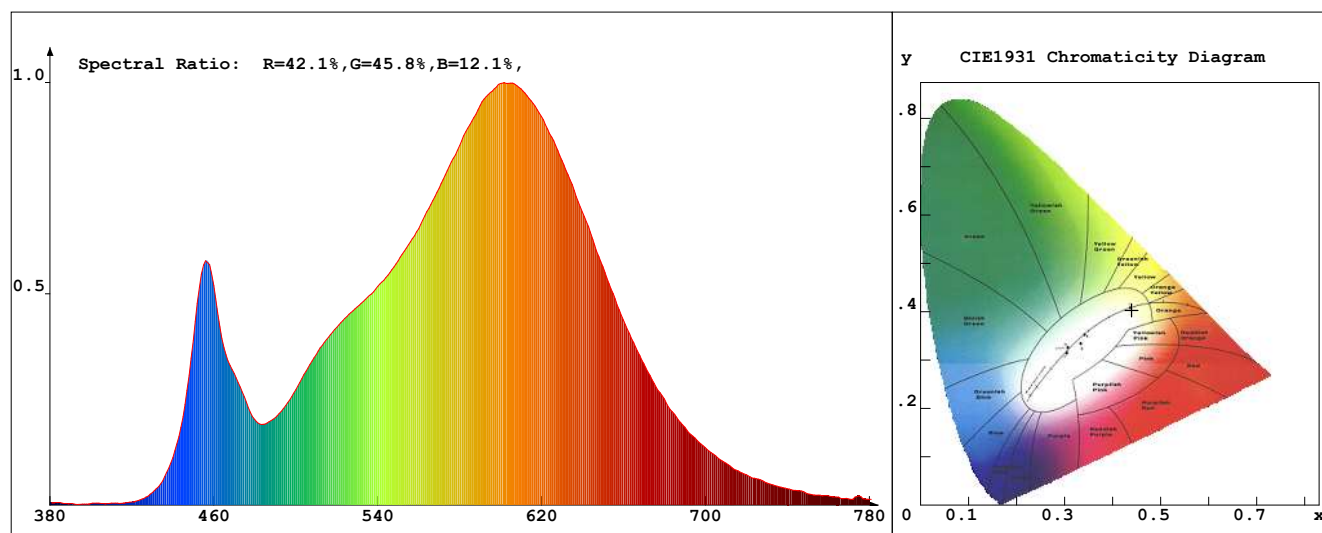
Temperature : 'C

Humidity : %

Operator :

Test Date : 07-07-21 11:37:45

Remark: BIN CT STEP3 LOTTO 441



Chroma Parameters

Chro.Coord.: $x=0.4394$ $y=0.4030$ $u=0.2526$ $v=0.3475$ $duv=-0.0008$

CCT: 2951K Dominant Wave.: 583.3nm Purity: 52.9% Centre Wave: 595.1nm

Flux RGB Ratio: $R=22.2\%$, $G=76.0\%$, $B=1.8\%$ Peak Wave: 599.7nm Half Width: 117.1nm

Rendering Index: $R_a=80.9$ CRI= 78.2

R1 =79	R2 =91	R3 =95	R4 =77	R5 =80	R6 =90	R7 =80	R8 =55
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R9 =0	R10=80	R11=76	R12=68	R13=82	R14=98	R15=72	
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PPF: 6.121umol/s (400-700nm)

PRF: 1.3mW (400-700nm)

PAR: 1.1mW (400-700nm)

Photo Parameters

Flux: 450.28lm Effi.: 104.6lm/W Radiant: 1304.4mW Iv: 0.0mcd

Scotopic Flux: 598.1Plm Effi.: 0.0Plm/W S/P: 1.3

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 6336.640umol/s (380-780nm)

Ele. Parameters

Forward Current: $I_f=179.0\text{mA}$ Reverse Voltage: $V_r=5.00\text{V}$ Forward Voltage: $V_f=24.04\text{V}$ Reverse Current: $I_r=0.00\mu\text{A}$ Power: $P=4.321\text{W}$

Instrument state

Instrument: Lisun

Integral Time: 354.491ms

VPeak: 15768

VDark: 1298

Scan Range: 380-780nm

Product ID: 201508924

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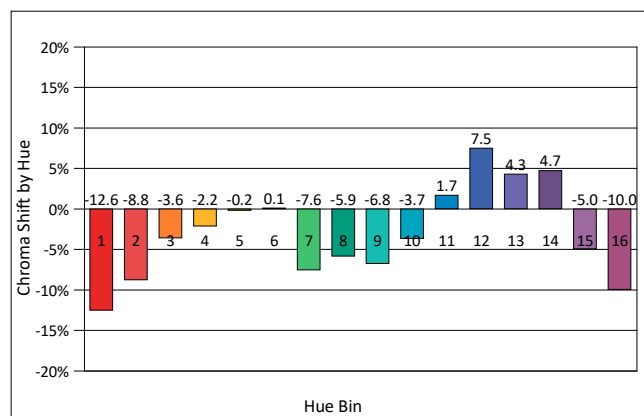
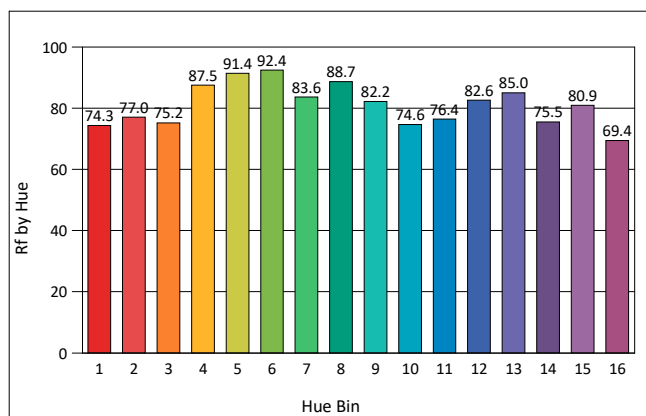
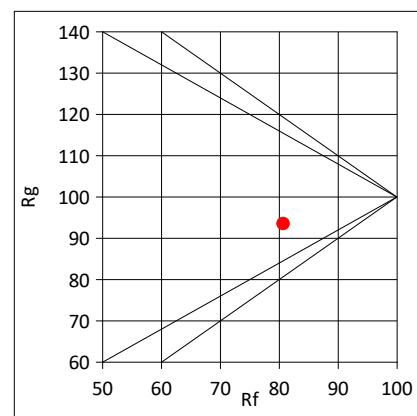
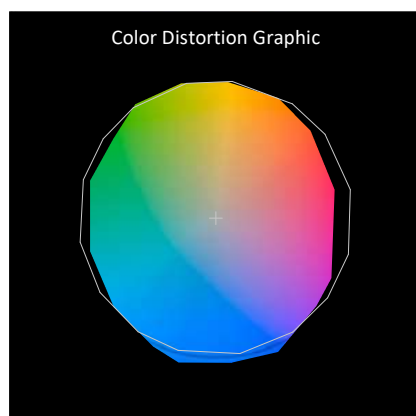
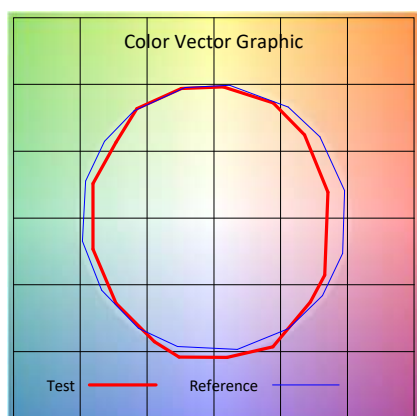
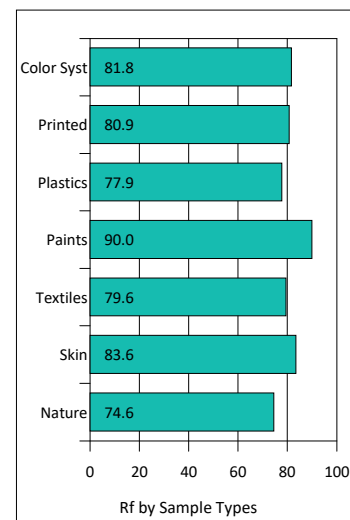
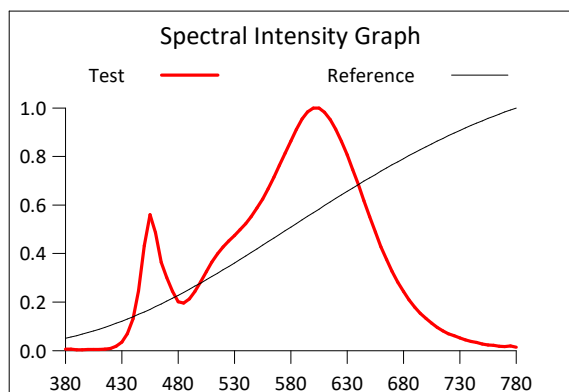
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Rf: 80.7 CCT(K): 2951 u': 0.2526
 Rg: 93.5 LER: 333.7 Duv: -0.0008 v': 0.3475

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	74.3	-12.6%	1.2%
2	77.0	-8.8%	7.5%
3	75.2	-3.6%	11.1%
4	87.5	-2.2%	4.5%
5	91.4	-0.2%	3.0%
6	92.4	0.1%	-2.9%
7	83.6	-7.6%	-4.2%
8	88.7	-5.9%	0.9%
9	82.2	-6.8%	7.4%
10	74.6	-3.7%	14.2%
11	76.4	1.7%	15.6%
12	82.6	7.5%	2.7%
13	85.0	4.3%	-8.8%
14	75.5	4.7%	-17.3%
15	80.9	-5.0%	-9.0%
16	69.4	-10.0%	-18.5%



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