

LED Test Report

Product Mark

Product Type : F52-30s-120DF1

Manufacturer :

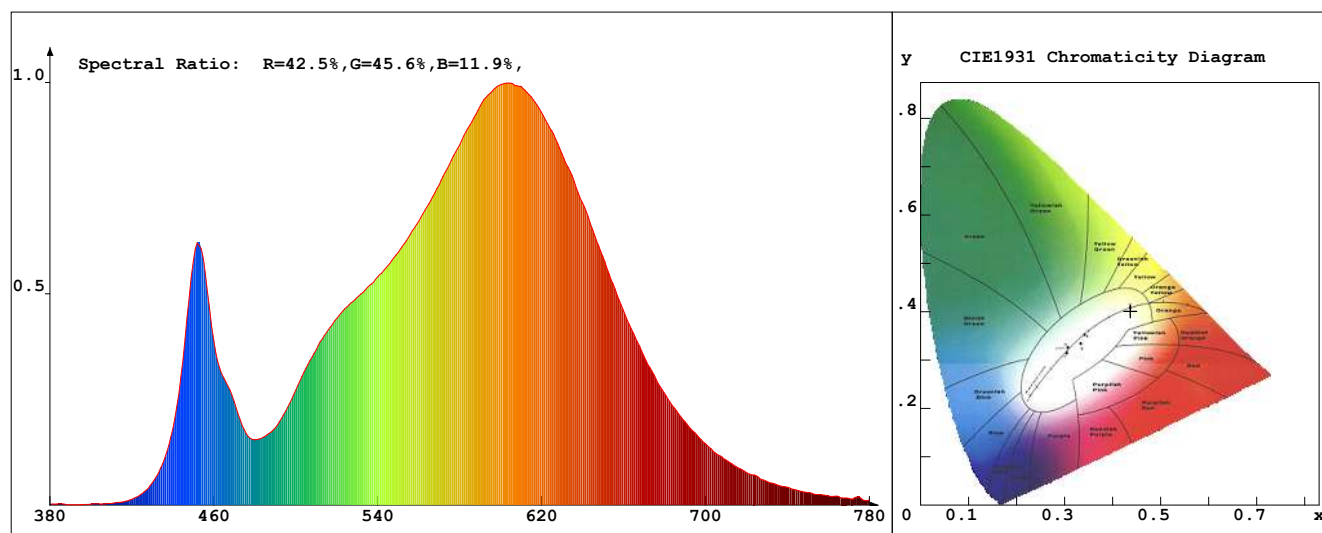
Temperature : 'C

Humidity : %

Operator :

Test Date : 02-09-21 15:12:13

Remark: BIN CT STEP3 LOTTO 426



Chroma Parameters

Chro.Coord.: $x=0.4373$ $y=0.4011$ $u=0.2521$ $v=0.3468$ $duv=-0.0012$

CCT: 2970K Dominant Wave.: 583.4nm Purity: 51.7% Centre Wave: 593.5nm

Flux RGB Ratio: $R=22.1\%$, $G=76.3\%$, $B=1.6\%$ Peak Wave: 602.8nm Half Width: 124.0nm

Rendering Index: $R_a=81.5$ CRI= 78.4

R1 =80	R2 =90	R3 =96	R4 =79	R5 =80	R6 =88	R7 =82	R8 =57
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R9 =4	R10=77	R11=78	R12=67	R13=82	R14=99	R15=73	
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PPF: 13.700 $\mu\text{mol/s}$ (400-700nm)

PRF: 2.8mW (400-700nm)

PAR: 2.5mW (400-700nm)

Photo Parameters

Flux: 1013.68lm Effi.: 117.3lm/W Radiant: 2922.6mW Iv: 0.0mcd

Scotopic Flux: 1331.6Plm Effi.: 0.0Plm/W S/P: 1.3

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 14201.600 $\mu\text{mol/s}$ (380-780nm)

Ele. Parameters

Forward Current: $I_f=714.0\text{mA}$ Reverse Voltage: $V_r=5.00\text{V}$ Forward Voltage: $V_f=12.10\text{V}$ Reverse Current: $I_r=0.00\mu\text{A}$ Power: $P=8.641\text{W}$

Instrument state

Instrument: Lisun

Integral Time: 154.361ms

VPeak: 15096

VDark: 1277

Scan Range: 380-780nm

Product ID: 201508924

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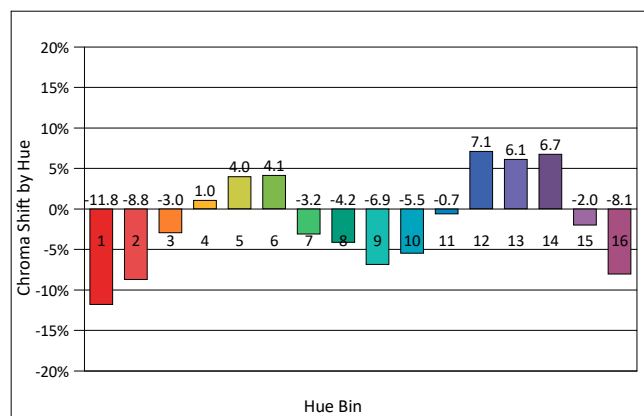
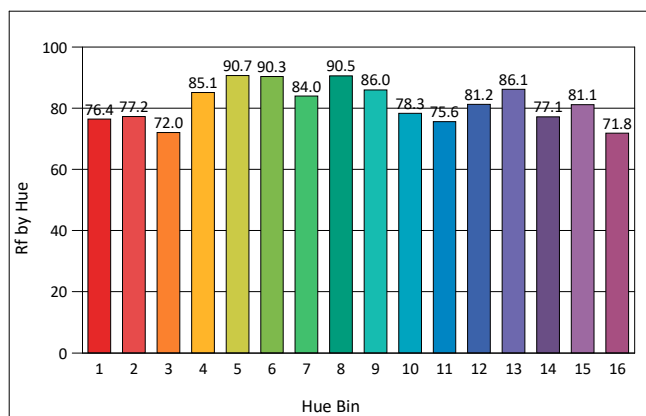
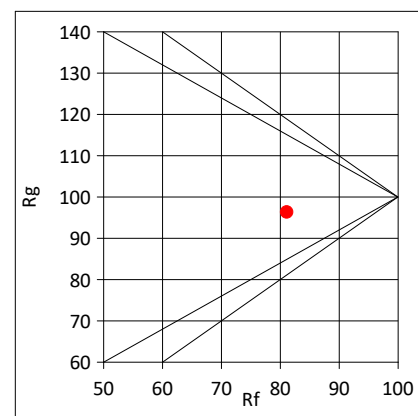
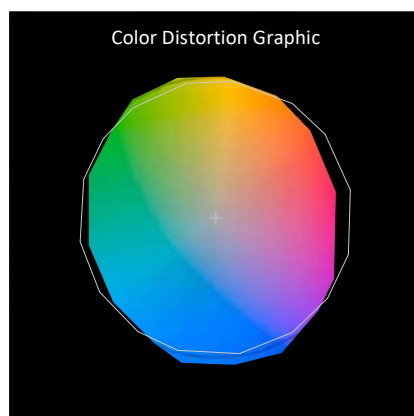
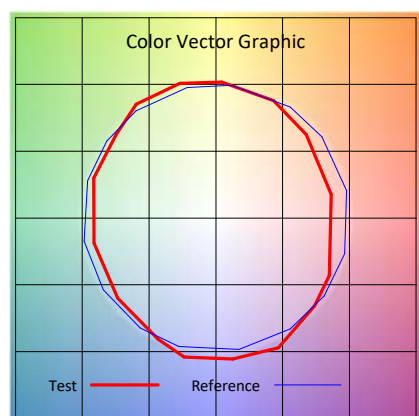
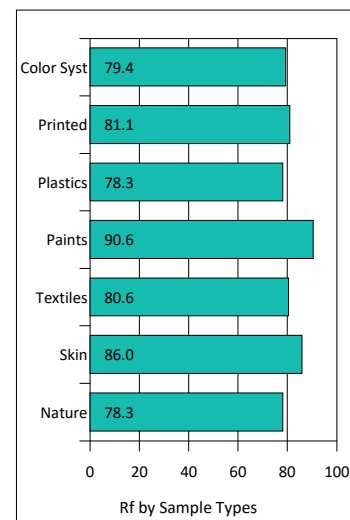
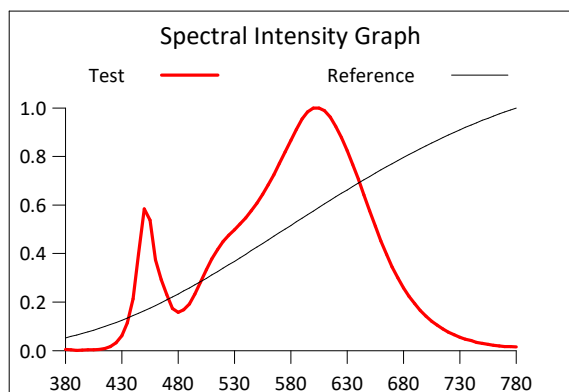
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Rf: 81.1 CCT(K): 2970 u': 0.2521
 Rg: 96.3 LER: 331.7 Duv: -0.0012 v': 0.3468

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	76.4	-11.8%	-0.5%
2	77.2	-8.8%	7.7%
3	72.0	-3.0%	12.9%
4	85.1	1.0%	7.7%
5	90.7	4.0%	4.9%
6	90.3	4.1%	-3.0%
7	84.0	-3.2%	-8.0%
8	90.5	-4.2%	-2.6%
9	86.0	-6.9%	3.1%
10	78.3	-5.5%	11.1%
11	75.6	-0.7%	15.8%
12	81.2	7.1%	5.4%
13	86.1	6.1%	-5.9%
14	77.1	6.7%	-15.1%
15	81.1	-2.0%	-10.3%
16	71.8	-8.1%	-18.2%



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