

LED Test Report

Product Mark

Product Type : F52-GRE-120812

Manufacturer : -

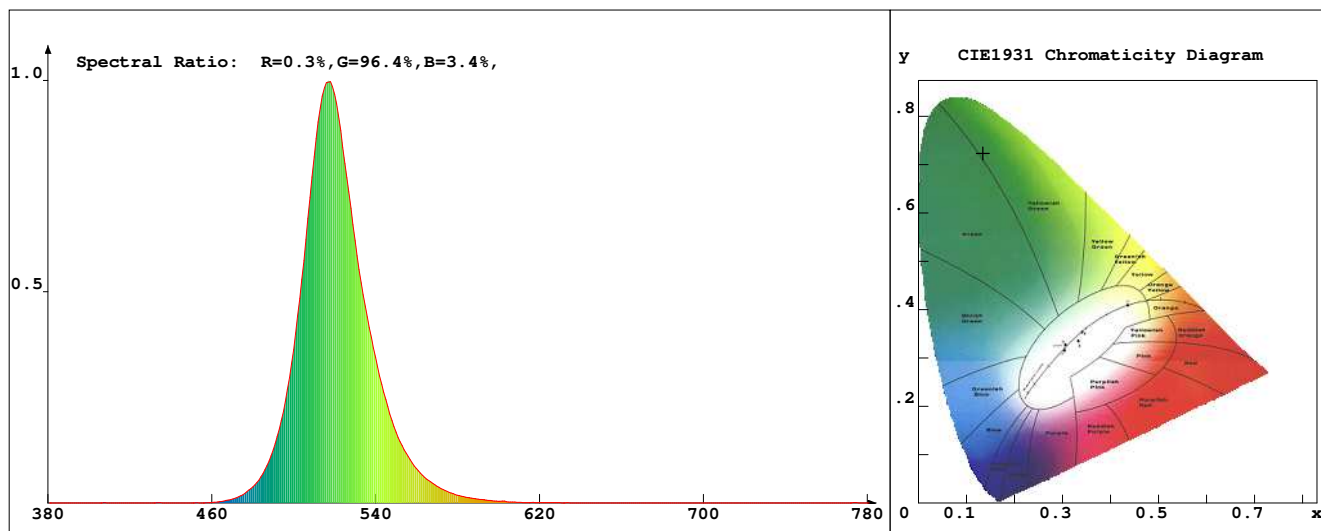
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2023-06-15

Remark :



Chroma Parameters

Chro.Coord.: $x=0.1342$ $y=0.7232$ $u=0.0471$ $v=0.3803$ $duv=0.1673$

CCT: 8423K Dominant Wave.: 520.4nm Purity: 77.9% Centre Wave: 517.5nm

Flux RGB Ratio: $R=0.1\%$, $G=99.1\%$, $B=0.8\%$ Peak Wave: 516.6nm Half Width: 30.1nm

Rendering Index: $R_a=-27.0$ CRI=105.1

R1 = -36	R2 = -12	R3 = -31	R4 = -71	R5 = -13	R6 = -18	R7 = -6	R8 = -29
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R9 = -359	R10 = -113	R11 = -99	R12 = -34	R13 = -44	R14 = 34	R15 = -32
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PPF: 15.441 $\mu\text{mol/s}$ (400-700nm)

PRF: 3.6mW (400-700nm)

PAR: 2.7mW (400-700nm)

Photo Parameters

Flux: 1800.28lm Effi.: 82.7lm/W Radiant: 3552.8mW Iv: 0.0mcd

Scotopic Flux: 5845.7Plm Effi.: 0.0Plm/W S/P: 3.2

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 15455.900 $\mu\text{mol/s}$ (380-780nm)

Ele. Parameters

Forward Current: $I_f=906.0\text{mA}$ 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: $P=21.800\text{W}$

Instrument state

Instrument: Lisun

Integral Time: 28.095ms

VPeak: 13496

VDark: 1190

Scan Range: 380-780nm

Product ID: 201508924

IES TM-30-2015 Test Report

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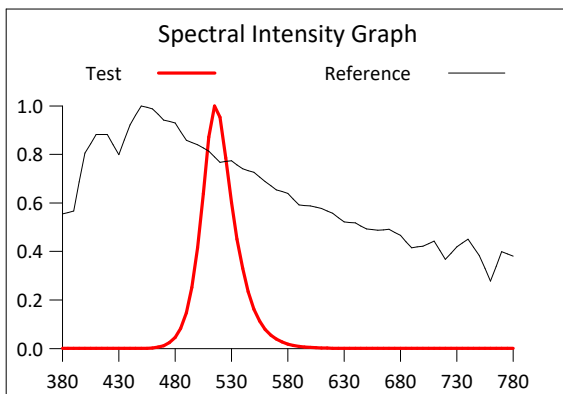
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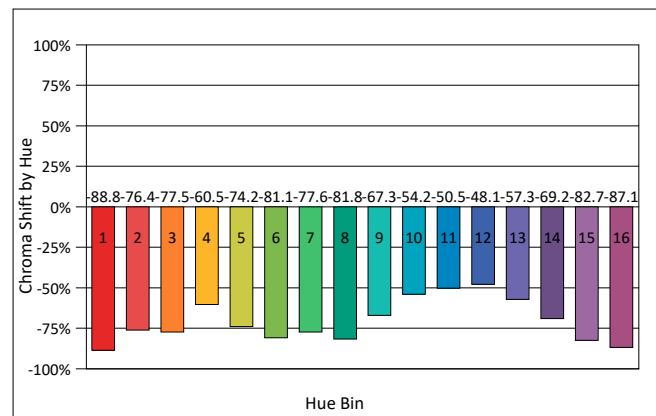
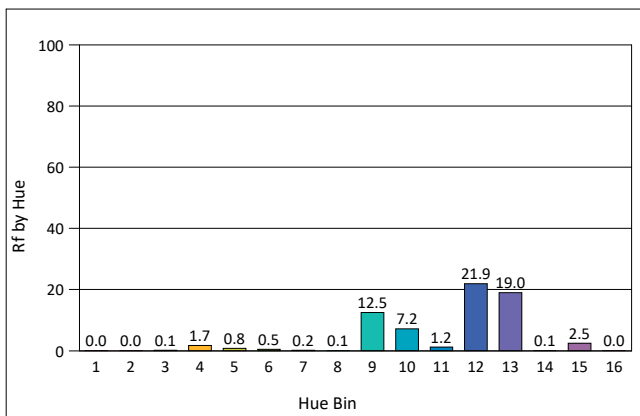
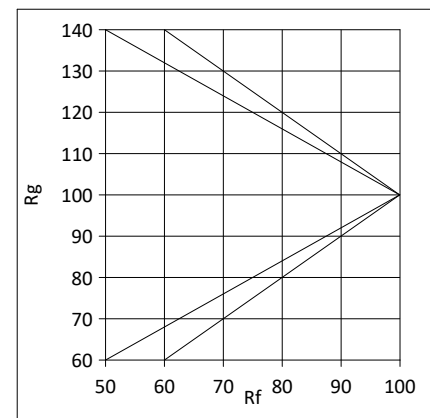
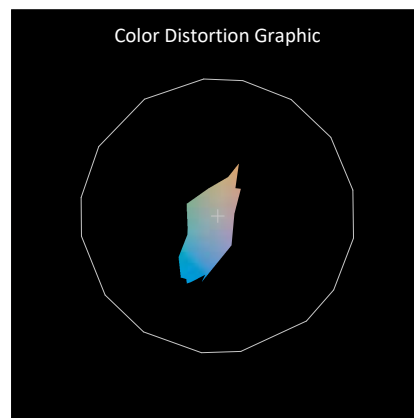
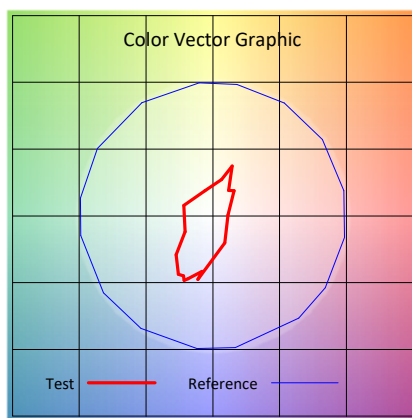
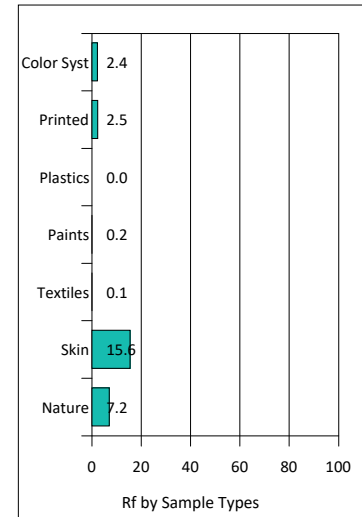
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Rf: 0.5 CCT(K): 8423 u': 0.0471
 Rg: 6.3 LER: 448.0 Duv: 0.1673 v': 0.3803



Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	0.0	-88.8%	-0.8%
2	0.0	-76.4%	4.9%
3	0.1	-77.5%	-1.7%
4	1.7	-60.5%	-8.3%
5	0.8	-74.2%	-2.3%
6	0.5	-81.1%	-2.7%
7	0.2	-77.6%	-0.5%
8	0.1	-81.8%	9.6%
9	12.5	-67.3%	28.2%
10	7.2	-54.2%	19.6%
11	1.2	-50.5%	4.6%
12	21.9	-48.1%	-19.5%
13	19.0	-57.3%	-24.7%
14	0.1	-69.2%	-40.9%
15	2.5	-82.7%	-47.7%
16	0.0	-87.1%	-21.6%



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