

LED Test Report

Product Mark

Product Type : F52-RED-120812

Manufacturer : -

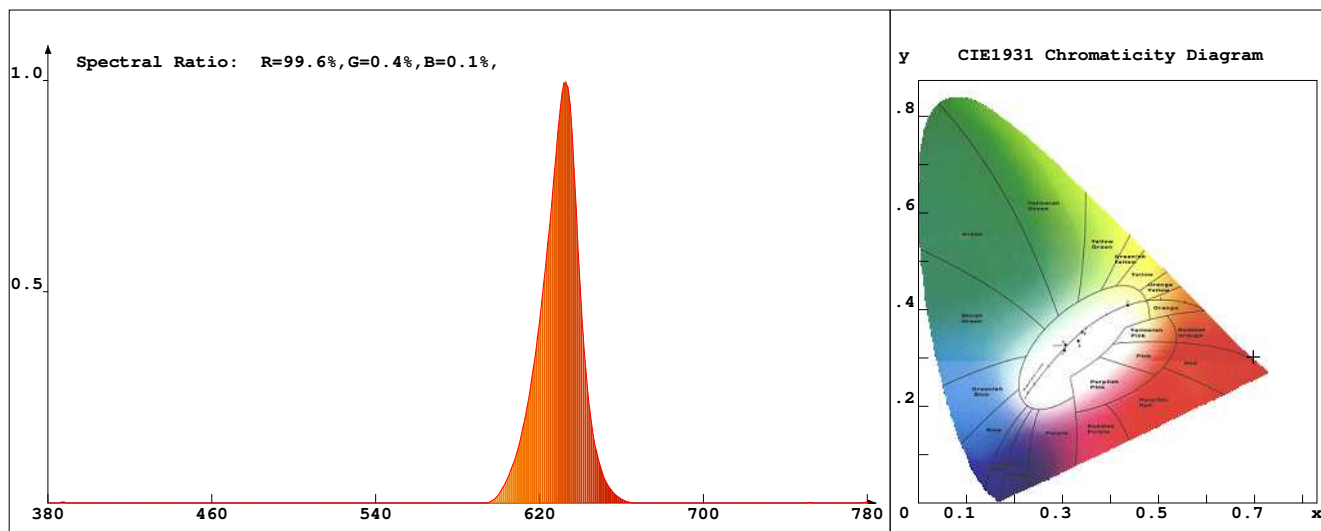
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2023-06-15

Remark :



Chroma Parameters

Chro.Coord.: $x=0.6974$ $y=0.3021$ $u=0.5333$ $v=0.3466$ $duv=-0.0008$

CCT: 1375K Dominant Wave.: 623.4nm Purity: 99.9% Centre Wave: 629.8nm

Flux RGB Ratio: $R=99.1\%$, $G=0.9\%$, $B=0.0\%$ Peak Wave: 631.6nm Half Width: 18.4nm

Rendering Index: $R_a=-22.5$ CRI=104.6

R1 = -38	R2 = 64	R3 = -2	R4 = -90	R5 = -55	R6 = 38	R7 = 2	R8 = -99
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R9 = -341	R10 = 54	R11 = -102	R12 = 12	R13 = -7	R14 = 31	R15 = -73
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PPF: 13.101 $\mu\text{mol/s}$ (400-700nm)

PRF: 2.5mW (400-700nm)

PAR: 2.5mW (400-700nm)

Photo Parameters

Flux: 516.38lm Effi.: 23.8lm/W Radiant: 2494.9mW Iv: 0.0mcd

Scotopic Flux: 23.0Plm Effi.: 0.0Plm/W S/P: 0.0

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 13113.200 $\mu\text{mol/s}$ (380-780nm)

Ele. Parameters

Forward Current: $I_f=907.0\text{mA}$ Reverse Voltage: $V_r=5.00\text{V}$ Forward Voltage: $V_f=23.90\text{V}$ Reverse Current: $I_r=0.00\mu\text{A}$ Power: $P=21.701\text{W}$

Instrument state

Instrument: Lisun

Integral Time: 28.095ms

VPeak: 14808

VDark: 1166

Scan Range: 380-780nm

Product ID: 201508924

IES TM-30-2015 Test Report

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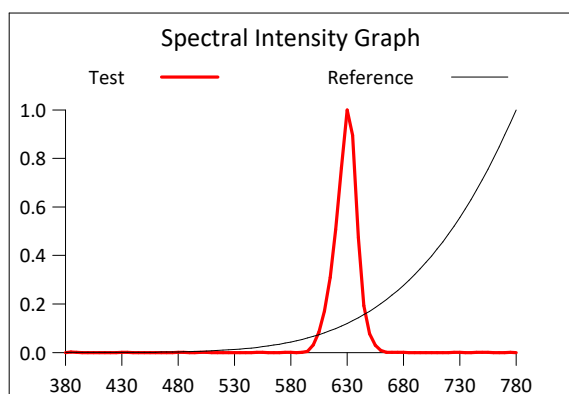
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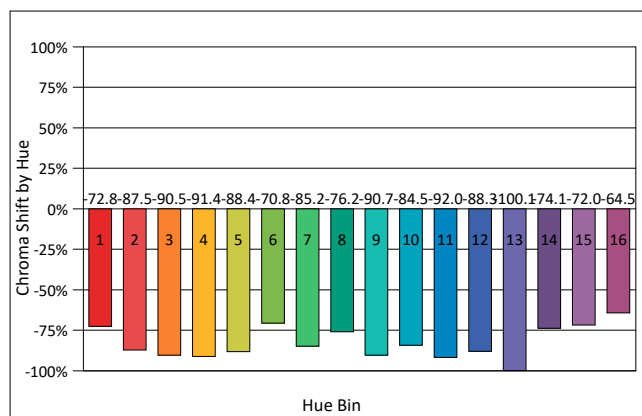
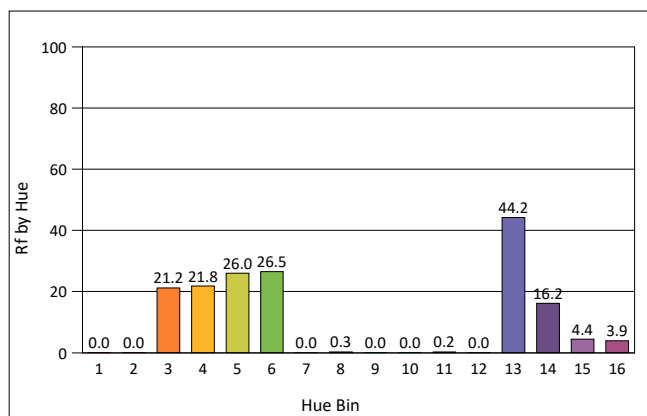
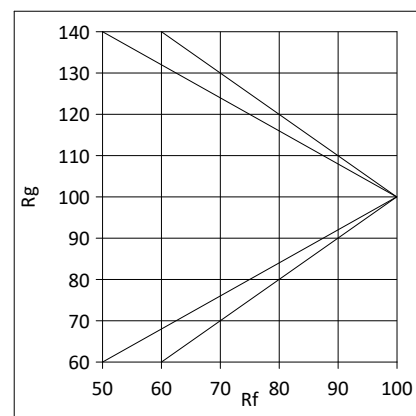
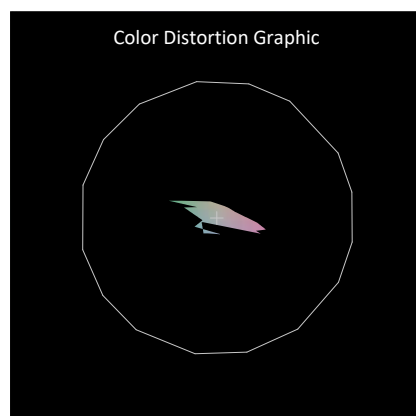
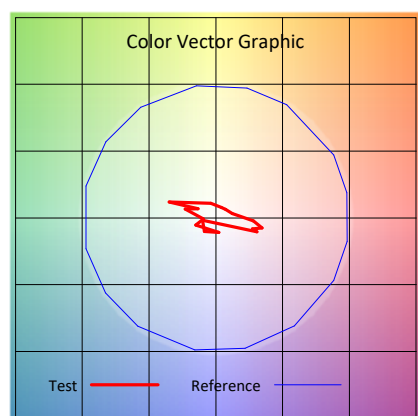
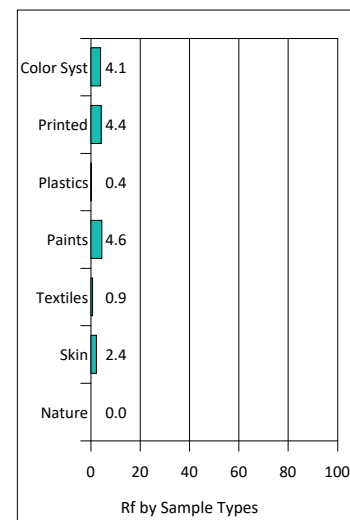
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Rf: 0.5 CCT(K): 1375 u': 0.5333
 Rg: 1.7 LER: 196.5 Duv: -0.0008 v': 0.3466



Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	0.0	-72.8%	-7.0%
2	0.0	-87.5%	5.7%
3	21.2	-90.5%	-5.5%
4	21.8	-91.4%	1.3%
5	26.0	-88.4%	6.6%
6	26.5	-70.8%	21.7%
7	0.0	-85.2%	3.5%
8	0.3	-76.2%	2.5%
9	0.0	-90.7%	-4.8%
10	0.0	-84.5%	-4.8%
11	0.2	-92.0%	11.4%
12	0.0	-88.3%	-10.4%
13	44.2	-100.1%	-12.7%
14	16.2	-74.1%	15.8%
15	4.4	-72.0%	-1.9%
16	3.9	-64.5%	-2.4%



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