

LED Test Report

Product Mark

Product Type : ORGRE-F52-120312

Manufacturer : -

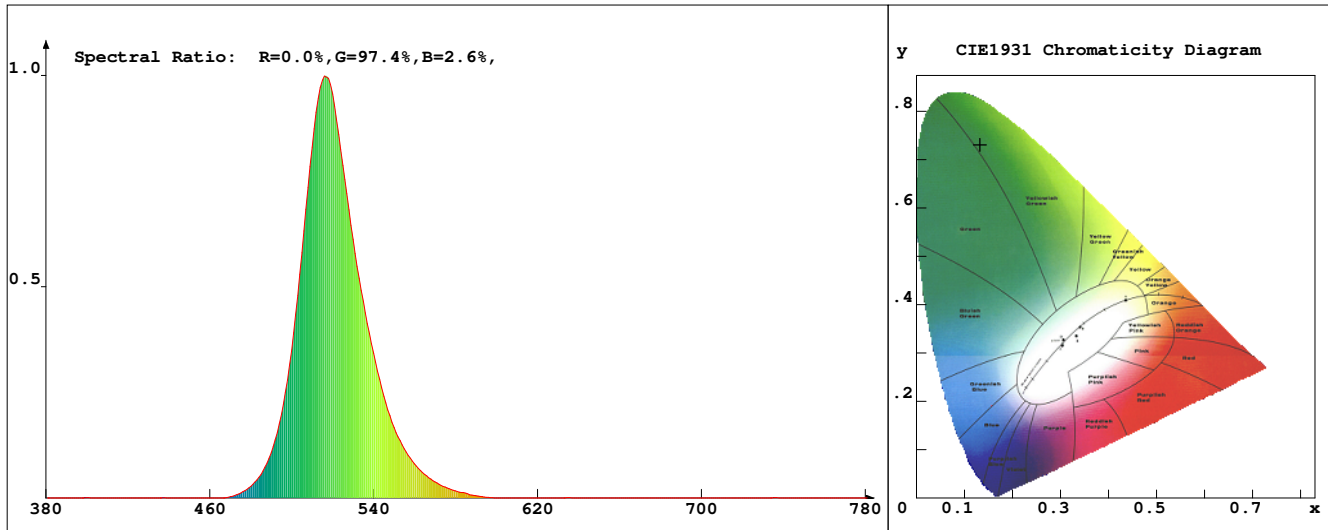
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark :



Chroma Parameters

Chro.Coord.: $x=0.1325$ $y=0.7306$ $u=0.0461$ $v=0.3811$ $duv=0.1685$

CCT: 8469K Dominant Wave.: 520.8nm Purity: 79.4% Centre Wave: 517.6nm

Flux RGB Ratio: $R=0.0\%$, $G=99.3\%$, $B=0.7\%$ Peak Wave: 515.6nm Half Width: 29.9nm

Rendering Index: $R_a=-30.7$ CRI=107.7

R1 = -39	R2 = -15	R3 = -35	R4 = -73	R5 = -12	R6 = -23	R7 = -14	R8 = -34
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R9 = -364	R10 = -120	R11 = -102	R12 = -39	R13 = -47	R14 = 32	R15 = -34
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PPF: 5.728 $\mu\text{mol/s}$ (400-700nm)

PRF: 1.3mW (400-700nm)

PAR: 1.0mW (400-700nm)

Photo Parameters

Flux: 689.52lm Effi.: 80.4lm/W Radiant: 1317.2mW Iv: 0.0mcd

Scotopic Flux: 2233.4Plm Effi.: 0.0Plm/W S/P: 3.2

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 5729.820 $\mu\text{mol/s}$ (380-780nm)

Ele. Parameters

Forward Current: $I_f=363.0\text{mA}$ Reverse Voltage: $V_r=5.00\text{V}$ Forward Voltage: $V_f=23.62\text{V}$ Reverse Current: $I_r=0.00\mu\text{A}$ Power: $P=8.601\text{W}$

Instrument state

Instrument: Lisun LMS-8000

Integral Time: 81.021ms

VPeak: 14984

VDark: 1234

Scan Range: 380-780nm

Product ID: 201508924

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IES TM-30-2015 Test Report

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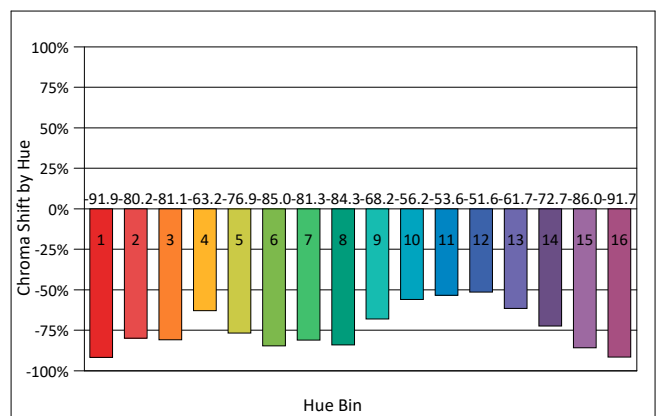
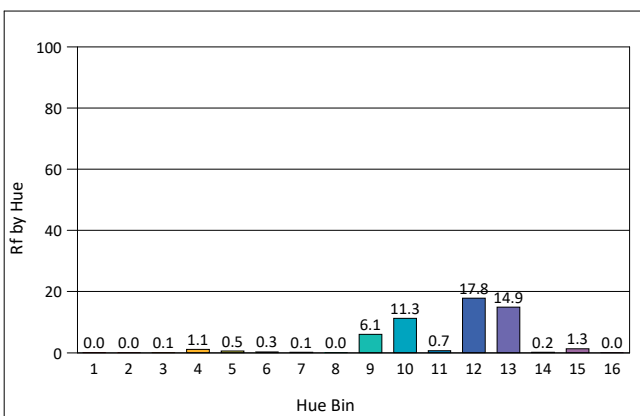
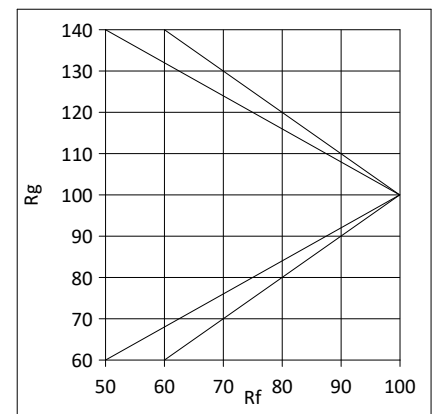
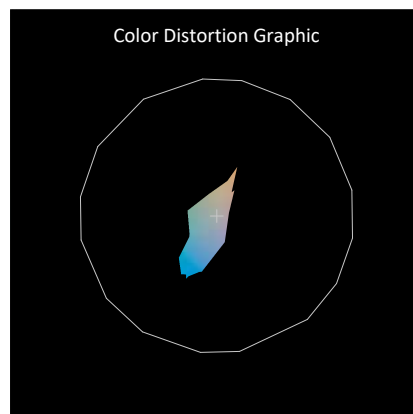
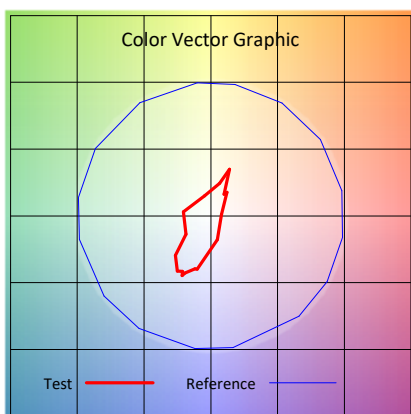
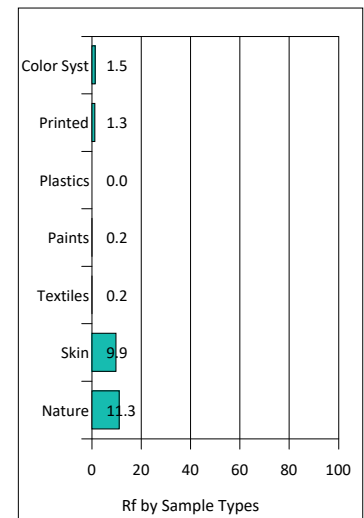
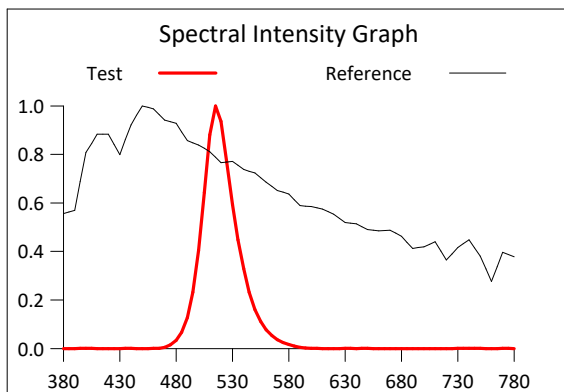
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Rf: 0.3 CCT(K): 8469 u': 0.0461
 Rg: 4.5 LER: 451.7 Duv: 0.1685 v': 0.3811

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	0.0	-91.9%	0.3%
2	0.0	-80.2%	6.2%
3	0.1	-81.1%	-1.8%
4	1.1	-63.2%	-8.4%
5	0.5	-76.9%	-1.9%
6	0.3	-85.0%	-1.5%
7	0.1	-81.3%	2.8%
8	0.0	-84.3%	11.2%
9	6.1	-68.2%	25.8%
10	11.3	-56.2%	15.1%
11	0.7	-53.6%	3.3%
12	17.8	-51.6%	-20.0%
13	14.9	-61.7%	-24.5%
14	0.2	-72.7%	-45.1%
15	1.3	-86.0%	-46.1%
16	0.0	-91.7%	-20.1%



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