

LED Test Report

Product Mark

Product Type : U52-270W-4800R2-W3

Manufacturer : -

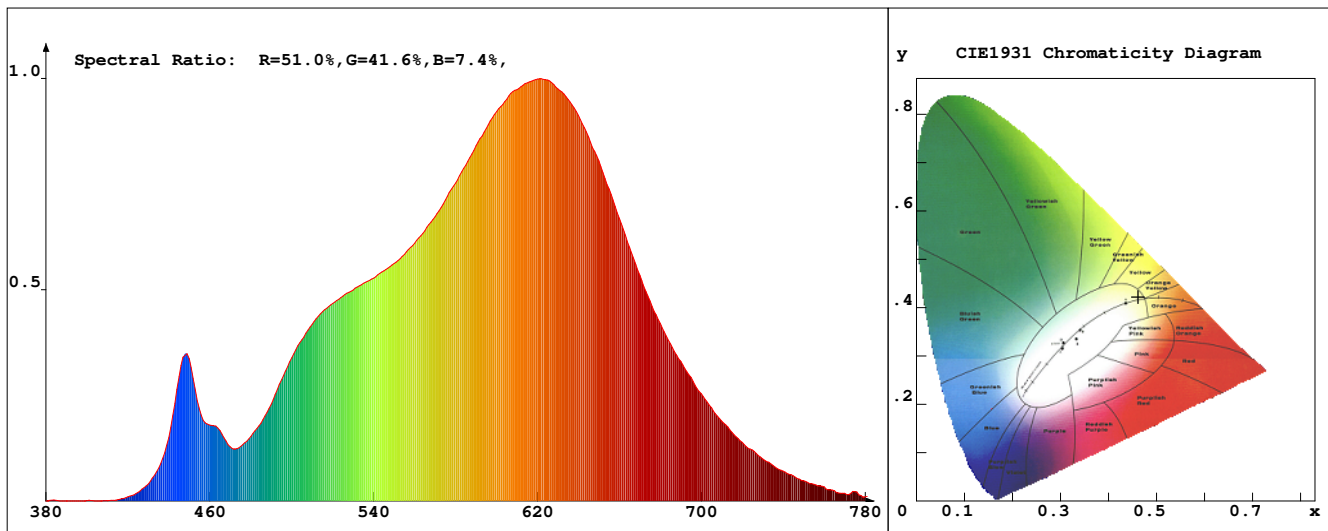
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark :



Chroma Parameters

Chro.Coord.: $x=0.4618$ $y=0.4224$ $u=0.2585$ $v=0.3547$ $duv=0.0041$

CCT: 2764K Dominant Wave.: 582.6nm Purity: 65.4% Centre Wave: 601.0nm

Flux RGB Ratio: R=24.7%, G=74.0%, B=1.2% Peak Wave: 620.6nm Half Width: 140.9nm

Rendering Index: Ra= 91.5 CRI= 88.9

R1 =91 R2 =95 R3 =99 R4 =93 R5 =91 R6 =95 R7 =92 R8 =77

R9 =46 R10=88 R11=96 R12=84 R13=92 R14=99 R15=84

PPF: 4.367 μ mol/s (400-700nm)

PRF: 0.9mW (400-700nm)

PAR: 0.8mW (400-700nm)

Photo Parameters

Flux: 293.52lm Effi.: 54.0lm/W Radiant: 929.2mW Iv: 0.0mcd

Scotopic Flux: 374.6Plm Effi.: 0.0Plm/W S/P: 1.3

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 4621.590 μ mol/s (380-780nm)

Ele. Parameters

Forward Current: If=226.0mA

Reverse Voltage: Vr=5.00V

Forward Voltage: Vf=24.03V

Reverse Current: Ir=0.00uA

Power: P=5.421W

Instrument state

Instrument: Lisun LMS-8000

Integral Time: 479.690ms

VPeak: 13144

VDark: 1421

Scan Range: 380-780nm

Product ID: 201508924

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IES TM-30-2015 Test Report

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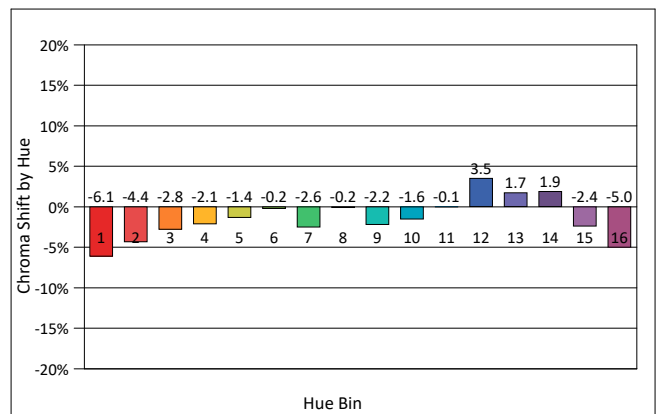
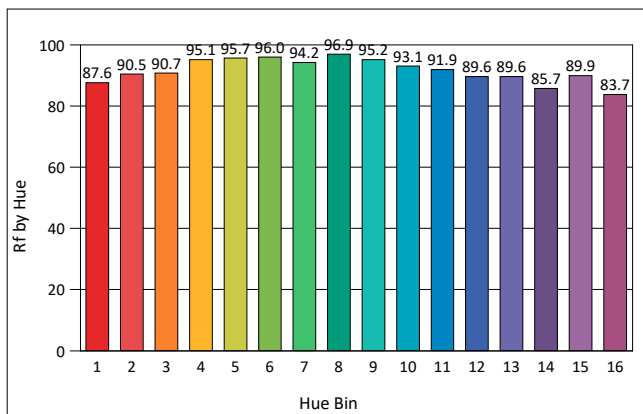
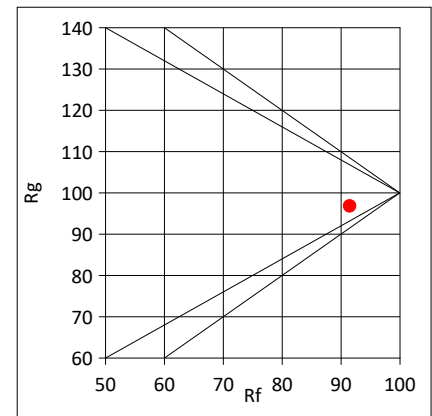
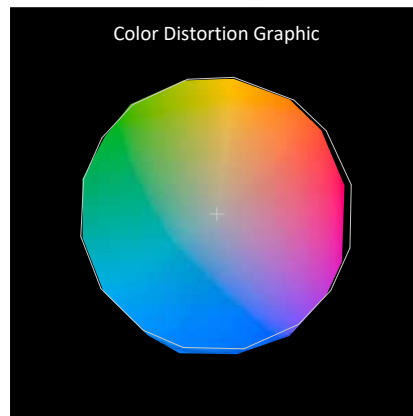
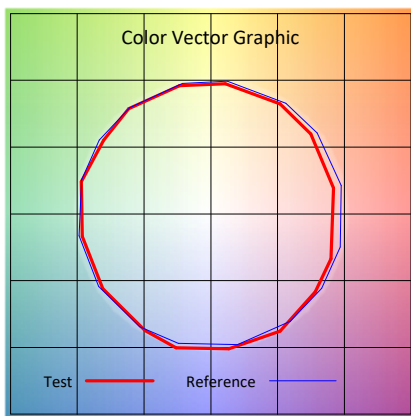
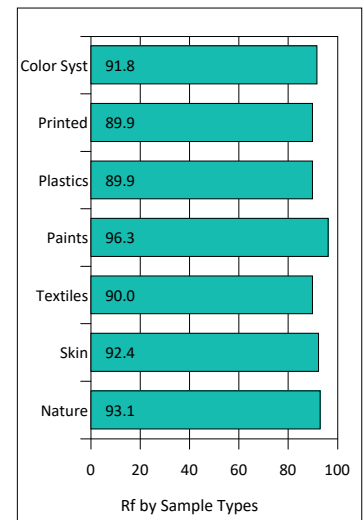
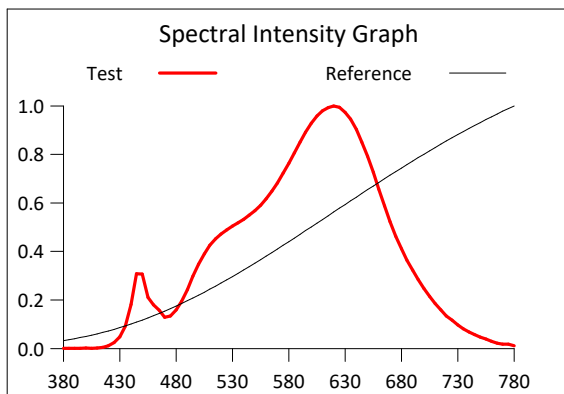
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Rf: 91.5 CCT(K): 2764 u': 0.2585
 Rg: 96.8 LER: 306.2 Duv: 0.0041 v': 0.3547

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	87.6	-6.1%	-0.6%
2	90.5	-4.4%	2.0%
3	90.7	-2.8%	3.3%
4	95.1	-2.1%	1.2%
5	95.7	-1.4%	2.5%
6	96.0	-0.2%	1.0%
7	94.2	-2.6%	-1.9%
8	96.9	-0.2%	1.4%
9	95.2	-2.2%	1.0%
10	93.1	-1.6%	3.2%
11	91.9	-0.1%	4.9%
12	89.6	3.5%	-1.2%
13	89.6	1.7%	-6.9%
14	85.7	1.9%	-10.4%
15	89.9	-2.4%	-4.8%
16	83.7	-5.0%	-10.0%



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