

LED Test Report

Product Mark

Product Type : OR30s-F52-160822A

Manufacturer : -

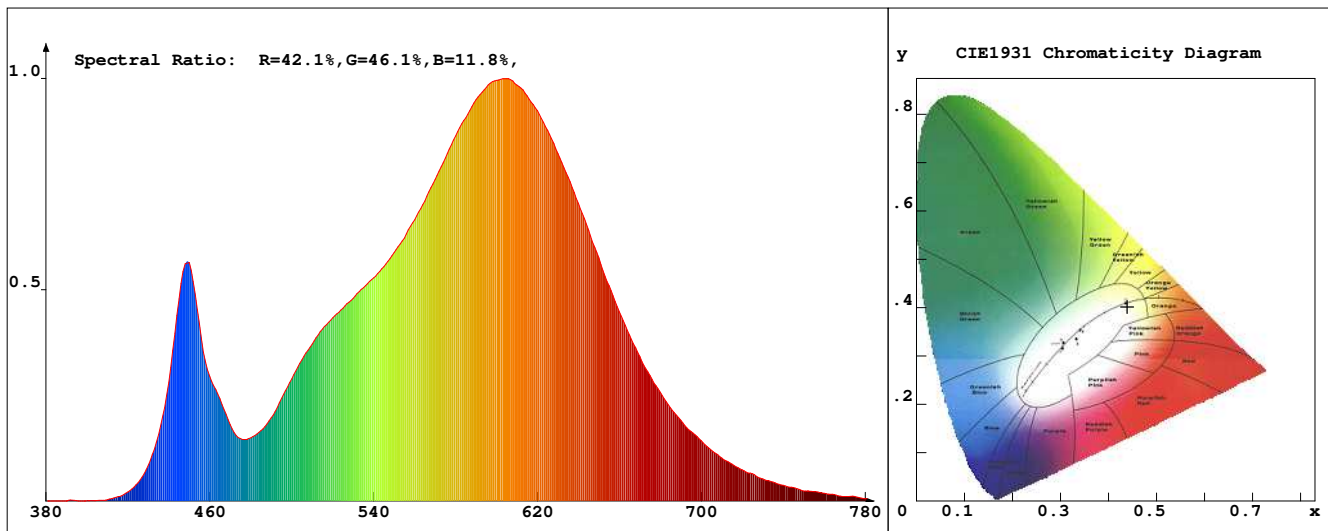
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark:



Chroma Parameters

Chro.Coord.: $x=0.4387$ $y=0.4017$ $u=0.2528$ $v=0.3471$ $duv=-0.0012$

CCT: 2951K Dominant Wave.: 583.5nm Purity: 52.2% Centre Wave: 594.0nm

Flux RGB Ratio: R=22.1%, G=76.4%, B=1.5% Peak Wave: 602.8nm Half Width: 120.9nm

Rendering Index: Ra= 80.6 CRI= 77.9

R1 =79 R2 =89 R3 =96 R4 =79 R5 =79 R6 =87 R7 =81 R8 =55

R9 =-1 R10=75 R11=78 R12=70 R13=81 R14=99 R15=71

PPF: 42.642 $\mu\text{mol/s}$ (400-700nm)

PRF: 8.8mW (400-700nm)

PAR: 7.9mW (400-700nm)

Photo Parameters

Flux: 3200.58lm Effi.: 144.8lm/W Radiant: 9081.2mW Iv: 0.0mcd

Scotopic Flux: 4151.7Plm Effi.: 0.0Plm/W S/P: 1.3

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 44069.898 $\mu\text{mol/s}$ (380-780nm)

Ele. Parameters

Forward Current: $I_f=921.0\text{mA}$ Reverse Voltage: $V_r=5.00\text{V}$ Forward Voltage: $V_f=24.00\text{V}$ Reverse Current: $I_r=0.00\mu\text{A}$ Power: $P=22.120\text{W}$

Instrument state

Instrument: Lisun LMS-8000

Integral Time: 47.100ms

VPeak: 13480

VDark: 1258

Scan Range: 380-780nm

Product ID: 201508924

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IES TM-30-2015 Test Report

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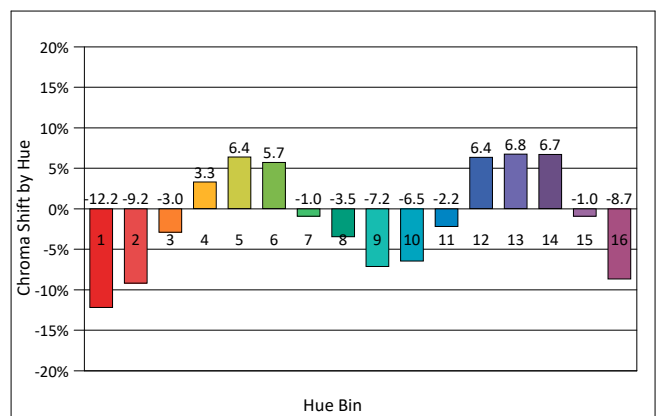
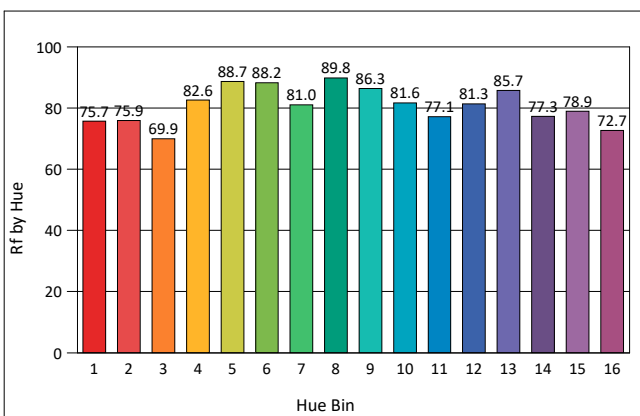
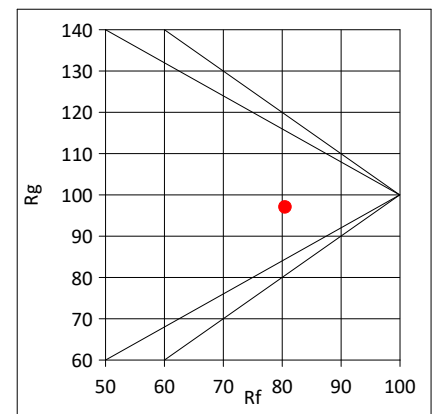
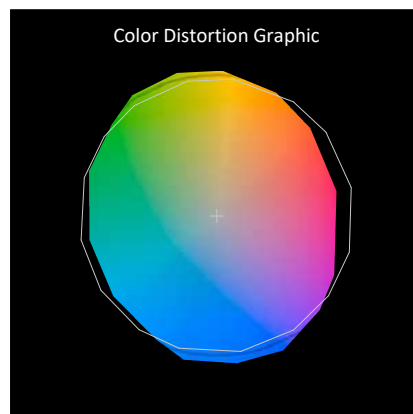
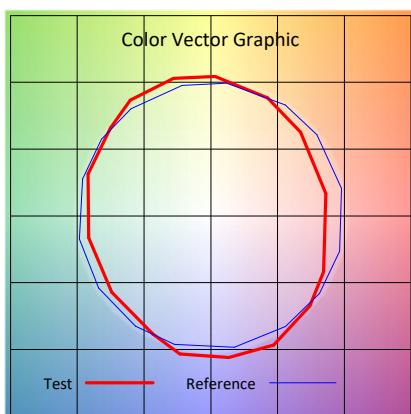
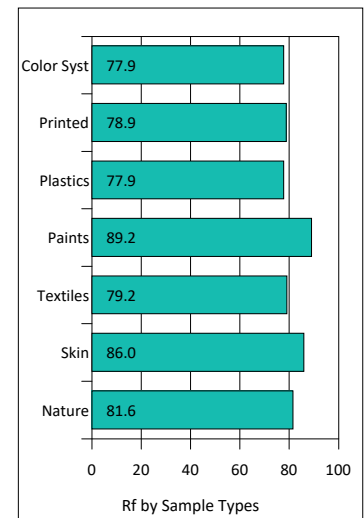
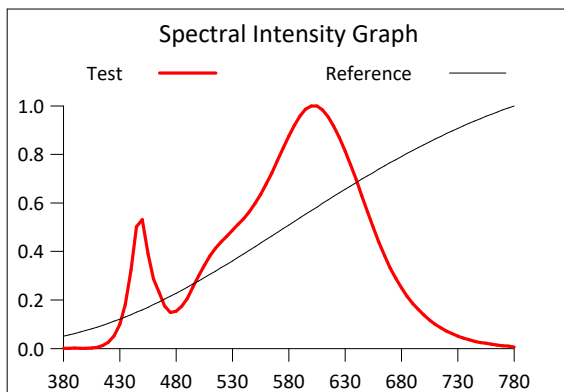
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Rf: 80.5 CCT(K): 2951 u': 0.2528
Rg: 97.0 LER: 333.6 Duv: -0.0012 v': 0.3471

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	75.7	-12.2%	-1.4%
2	75.9	-9.2%	8.3%
3	69.9	-3.0%	14.0%
4	82.6	3.3%	9.6%
5	88.7	6.4%	5.5%
6	88.2	5.7%	-3.4%
7	81.0	-1.0%	-10.6%
8	89.8	-3.5%	-4.2%
9	86.3	-7.2%	0.4%
10	81.6	-6.5%	8.1%
11	77.1	-2.2%	14.2%
12	81.3	6.4%	5.6%
13	85.7	6.8%	-5.5%
14	77.3	6.7%	-15.1%
15	78.9	-1.0%	-11.7%
16	72.7	-8.7%	-17.4%



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