

LED Test Report

Product Mark

Product Type : OR300-F52-400-OM2

Manufacturer : -

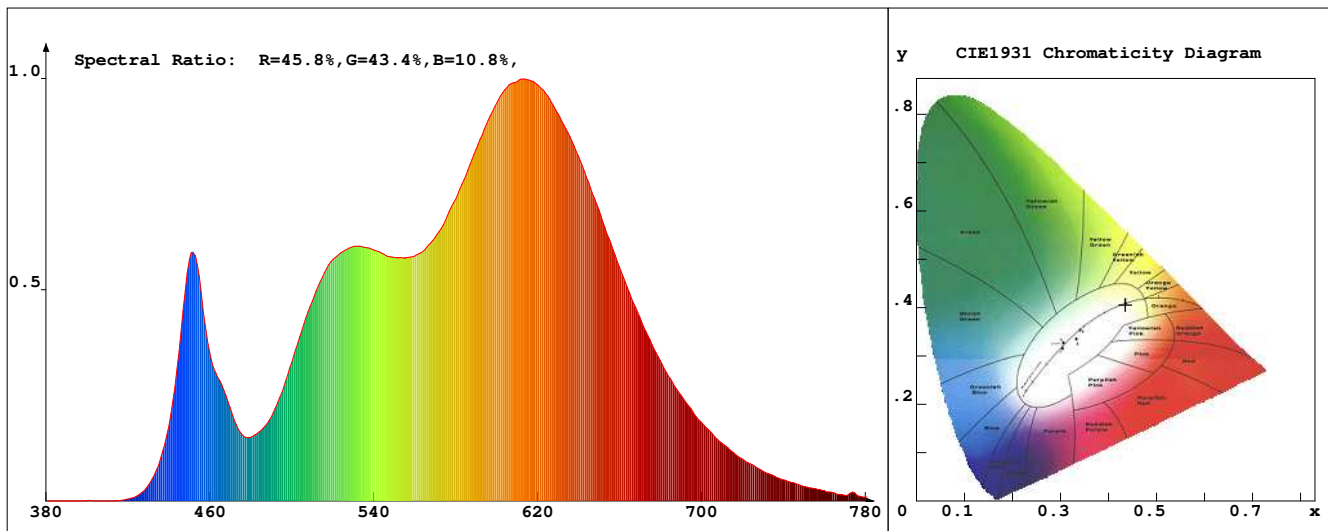
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark :



Chroma Parameters

Chro.Coord.: $x=0.4350$ $y=0.4055$ $u=0.2487$ $v=0.3478$ $duv=0.0008$

CCT: 3044K Dominant Wave.: 582.3nm Purity: 52.3% Centre Wave: 587.2nm

Flux RGB Ratio: R=23.6%, G=74.9%, B=1.5% Peak Wave: 612.6nm Half Width: 151.9nm

Rendering Index: Ra= 93.0 CRI= 89.9

R1 =95 R2 =96 R3 =97 R4 =97 R5 =95 R6 =96 R7 =90 R8 =78

R9 =47 R10=90 R11=95 R12=80 R13=95 R14=97 R15=87

PPF: 12.473 $\mu\text{mol/s}$ (400-700nm)

PRF: 2.6mW (400-700nm)

PAR: 2.3mW (400-700nm)

Photo Parameters

Flux: 877.47lm Effi.: 87.8lm/W Radiant: 2662.4mW Iv: 0.0mcd

Scotopic Flux: 1254.1Plm Effi.: 0.0Plm/W S/P: 1.4

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 13010.800 $\mu\text{mol/s}$ (380-780nm)

Ele. Parameters

Forward Current: If=417.0mA

Reverse Voltage: Vr=5.00V

Forward Voltage: Vf=23.97V

Reverse Current: Ir=0.00uA

Power: P=10.001W

Instrument state

Instrument: Lisun LMS-8000

Integral Time: 205.456ms

VPeak: 14536

VDark: 1190

Scan Range: 380-780nm

Product ID: 201508924

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IES TM-30-2015 Test Report

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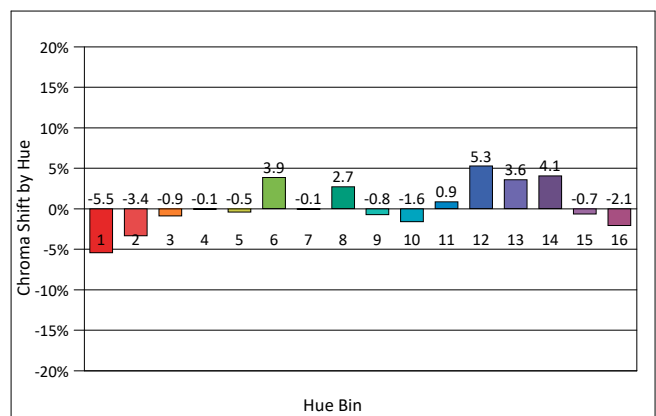
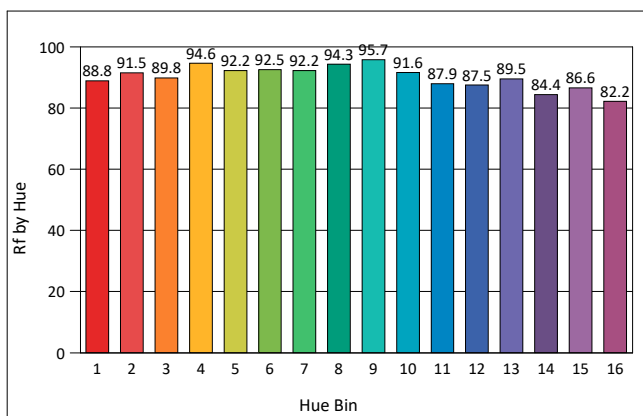
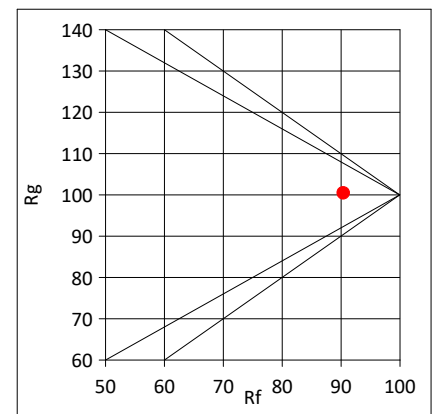
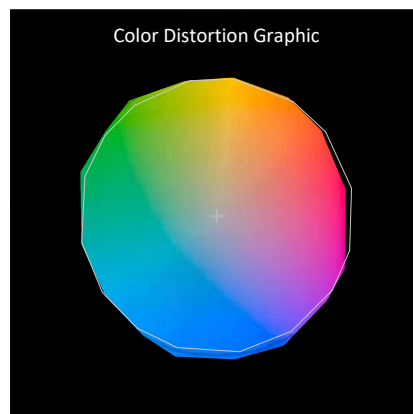
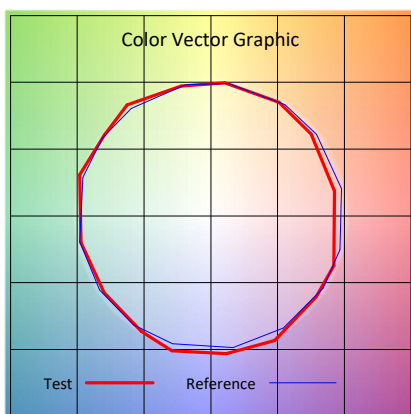
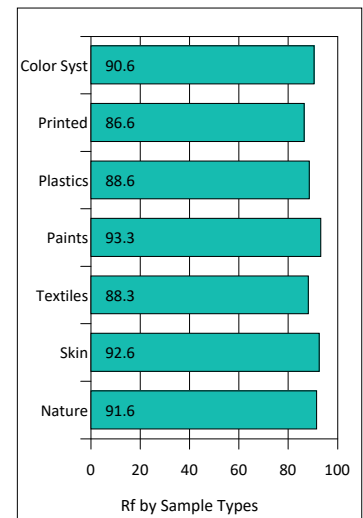
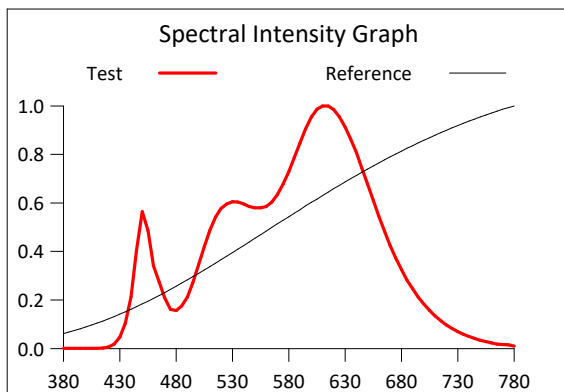
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Rf: 90.4 CCT(K): 3044 u': 0.2487
Rg: 100.4 LER: 314.9 Duv: 0.0008 v': 0.3478

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	88.8	-5.5%	-0.6%
2	91.5	-3.4%	2.5%
3	89.8	-0.9%	4.5%
4	94.6	-0.1%	2.3%
5	92.2	-0.5%	3.2%
6	92.5	3.9%	1.2%
7	92.2	-0.1%	-2.4%
8	94.3	2.7%	-1.5%
9	95.7	-0.8%	0.9%
10	91.6	-1.6%	3.5%
11	87.9	0.9%	7.3%
12	87.5	5.3%	0.7%
13	89.5	3.6%	-5.7%
14	84.4	4.1%	-10.7%
15	86.6	-0.7%	-7.7%
16	82.2	-2.1%	-12.5%



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