

LED Test Report

Product Mark

Product Type : OR400-FE2-400OR2-W5-S1

Manufacturer : -

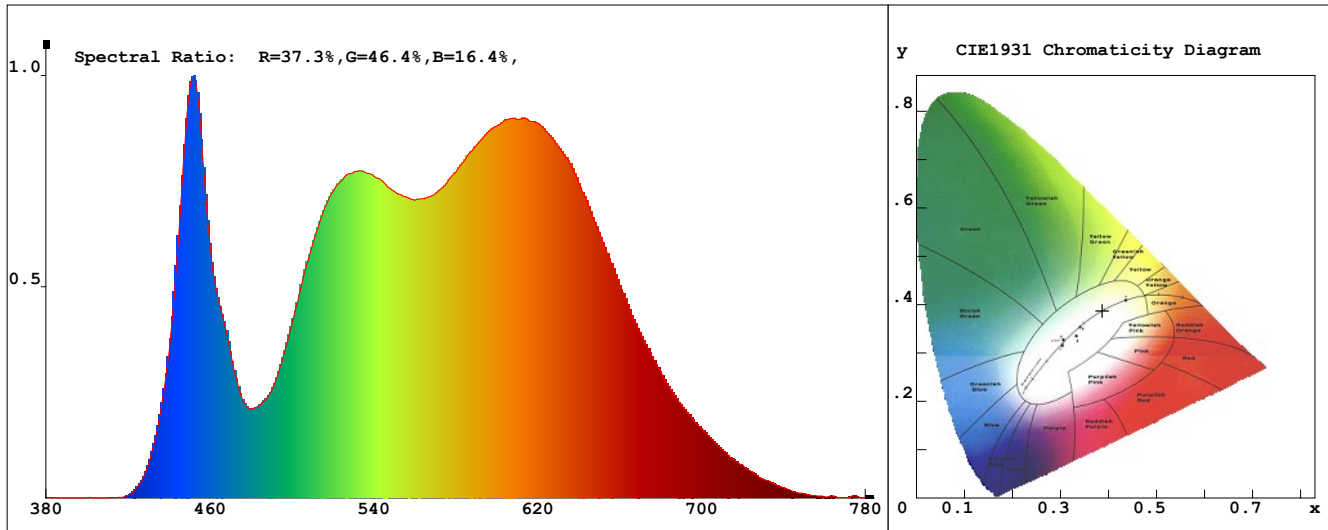
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark:



Chroma Parameters

Chro.Coord.:x=0.3868 y=0.3871 u=0.2252 v=0.3380 duv=0.0030

CCT: 3909K Dominant Wave.:578.0nm Purity:32.3% Centre Wave:451.8nm

Flux RGB Ratio:R=19.2%,G=78.6%,B=2.1% Peak Wave:450.6nm Half Width:19.5nm

Rendering Index:Ra= 90.9 CRI= 87.0

R1 =92 R2 =92 R3 =91 R4 =94 R5 =91 R6 =90 R7 =94 R8 =83

R9 =52 R10=81 R11=93 R12=66 R13=92 R14=95 R15=88

PPF:11.330umol/s (400-700nm)

PRF:2.4mW (400-700nm)

PAR:2.1mW (400-700nm)

Photo Parameters

Flux:978.52lm Effi.:97.9lm/W Radiant:2443.6mW Iv:0.0mcd

Scotopic Flux:1660.4Plm Effi.:0.0Plm/W S/P:1.7

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:11628.100umol/s (380-780nm)

Ele. Parameters

Forward Current:If=414.0mA

Reverse Voltage:Vr=5.00V

Forward Voltage:Vf=24.14V

Reverse Current:Ir=0.00uA

Power:P=10.001W

Instrument state

Instrument:Lisun LMS-8000

Integral Time: 174.920ms

VPeak: 12632

VDark: 1282

Scan Range: 380-780nm

Product ID: 201508924

IES TM-30-2015 Test Report

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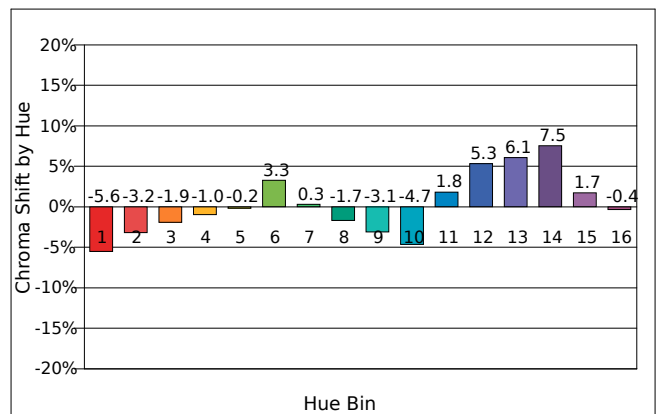
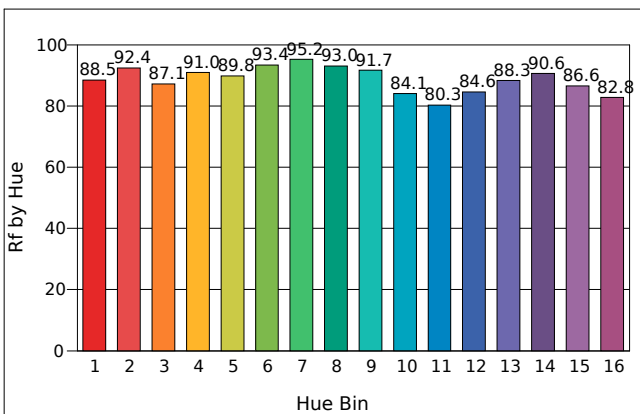
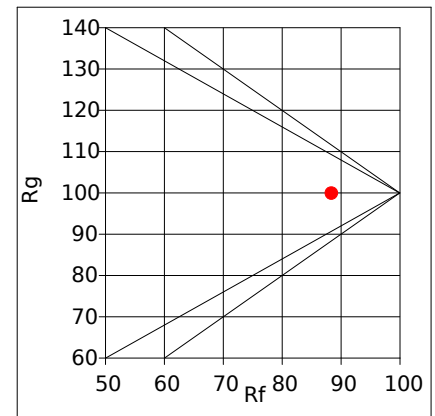
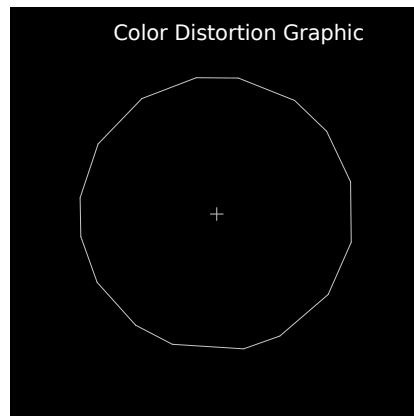
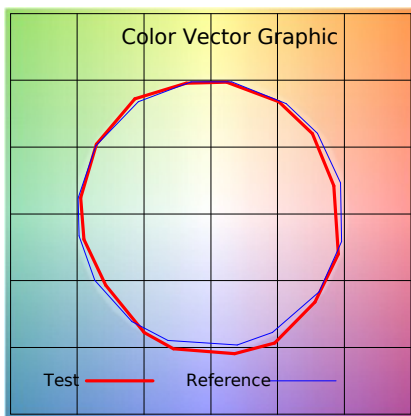
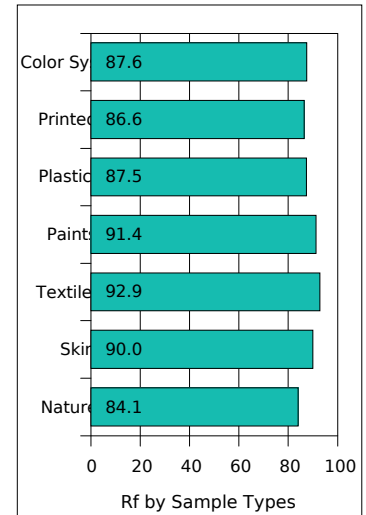
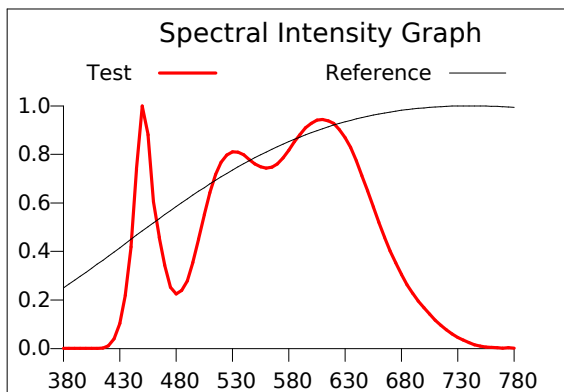
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Rf: 88.4 CCT(K): 3909 u': 0.2252
 Rg: 99.9 LER: 320.8 Duv: 0.0030 v': 0.3380

Hue Bin	Graphic Shifts (%)		
	Rf	Chroma	Hue
1	88.5	-5.6%	-1.2%
2	92.4	-3.2%	1.8%
3	87.1	-1.9%	5.5%
4	91.0	-1.0%	3.8%
5	89.8	-0.2%	3.5%
6	93.4	3.3%	0.9%
7	95.2	0.3%	-1.3%
8	93.0	-1.7%	-0.6%
9	91.7	-3.1%	3.3%
10	84.1	-4.7%	7.4%
11	80.3	1.8%	12.0%
12	84.6	5.3%	5.3%
13	88.3	6.1%	-3.0%
14	90.6	7.5%	-2.8%
15	86.6	1.7%	-8.1%
16	82.8	-0.4%	-9.7%



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