

LED Test Report

Product Mark

Product Type : OR400-FA2-384OR1A-W5

Manufacturer : -

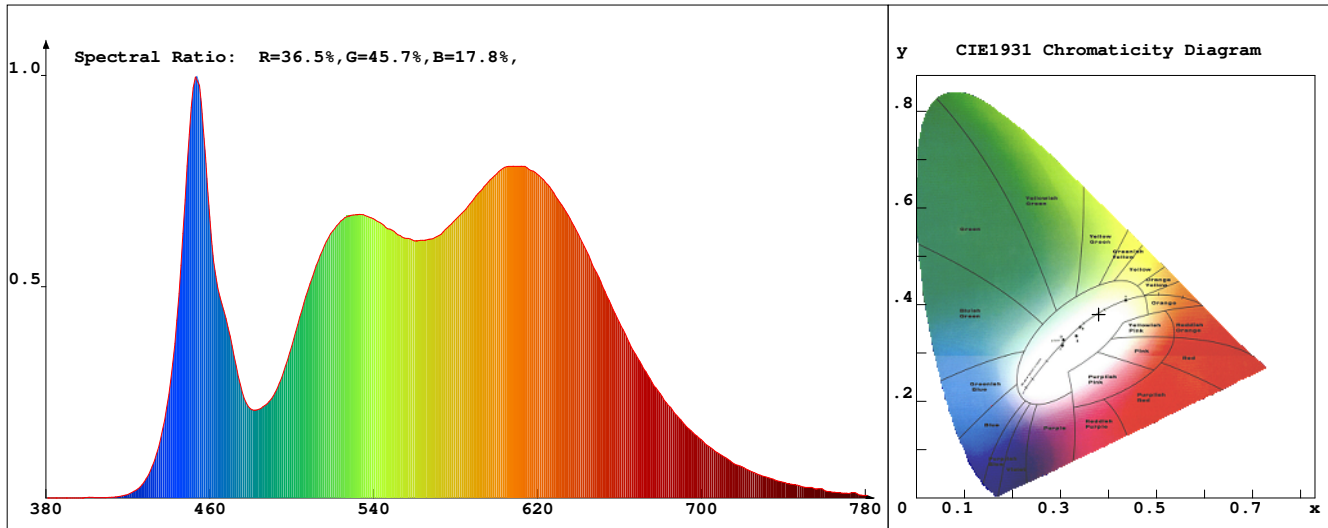
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark :



Chroma Parameters

Chro.Coord.:x=0.3796 y=0.3795 u=0.2235 v=0.3351 duv=0.0015

CCT: 4043K Dominant Wave.:578.1nm Purity:27.8% Centre Wave:453.6nm

Flux RGB Ratio:R=19.1%,G=78.5%,B=2.5% Peak Wave:452.8nm Half Width:18.7nm

Rendering Index:Ra= 91.9 CRI= 88.1

R1 =94 R2 =94 R3 =93 R4 =95 R5 =92 R6 =92 R7 =94 R8 =83

R9 =53 R10=84 R11=94 R12=65 R13=94 R14=95 R15=89

PPF:11.747umol/s (400-700nm)

PRF:2.5mW (400-700nm)

PAR:2.2mW (400-700nm)

Photo Parameters

Flux:840.71lm Effi.:107.9lm/W Radiant:2558.7mW Iv:0.0mcd

Scotopic Flux:1482.4Plm Effi.:0.0Plm/W S/P:1.8

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:12143.700umol/s (380-780nm)

Ele. Parameters

Forward Current:If=649.0mA

Reverse Voltage:Vr=5.00V

Forward Voltage:Vf=12.00V

Reverse Current:Ir=0.00uA

Power:P=7.801W

Instrument state

Instrument:Lisun LMS-8000

Integral Time: 176.342ms

VPeak: 14936

VDark: 1193

Scan Range: 380-780nm

Product ID: 201508924

IES TM-30-2015 Test Report

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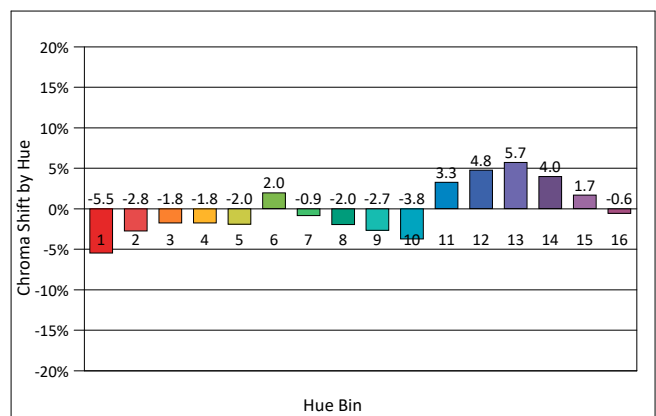
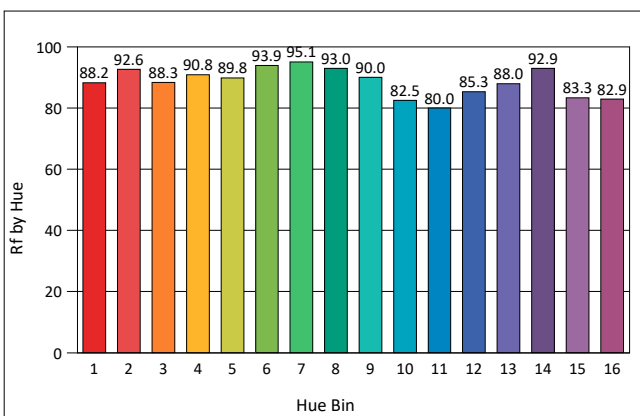
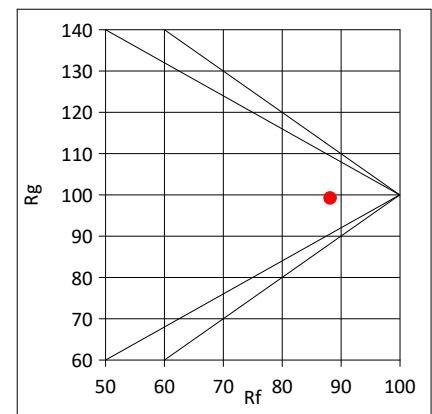
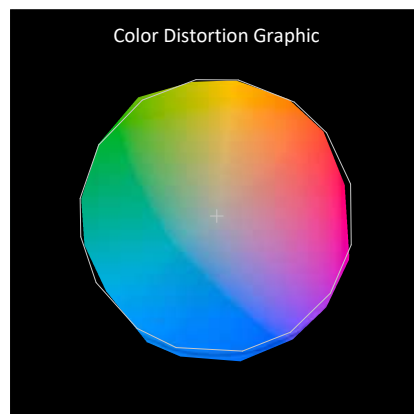
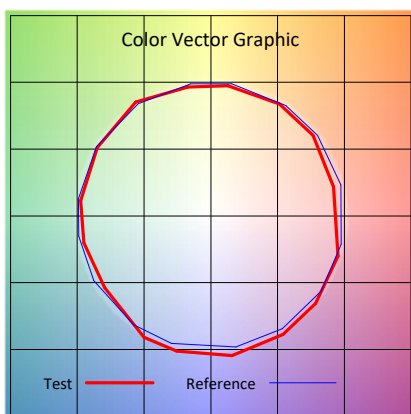
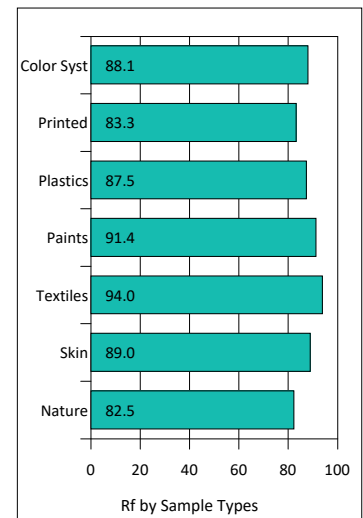
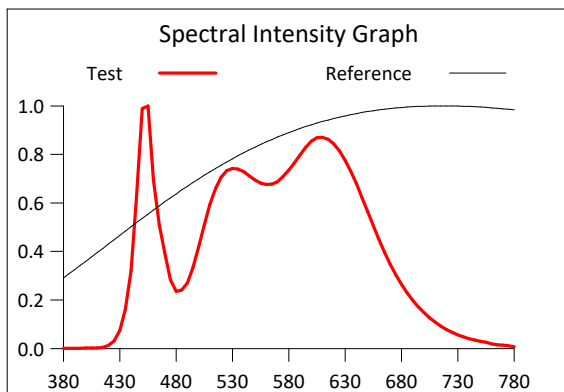
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Rf: 88.2 CCT(K): 4043 u': 0.2235
 Rg: 99.2 LER: 316.5 Duv: 0.0015 v': 0.3351

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	88.2	-5.5%	-0.5%
2	92.6	-2.8%	1.8%
3	88.3	-1.8%	4.8%
4	90.8	-1.8%	2.6%
5	89.8	-2.0%	2.6%
6	93.9	2.0%	1.1%
7	95.1	-0.9%	-0.2%
8	93.0	-2.0%	1.1%
9	90.0	-2.7%	5.6%
10	82.5	-3.8%	9.0%
11	80.0	3.3%	11.6%
12	85.3	4.8%	5.0%
13	88.0	5.7%	-4.0%
14	92.9	4.0%	-2.0%
15	83.3	1.7%	-10.1%
16	82.9	-0.6%	-9.4%



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