

LED Test Report

Product Mark

Product Type : OR40s-F52-1208F1-W5

Manufacturer : -

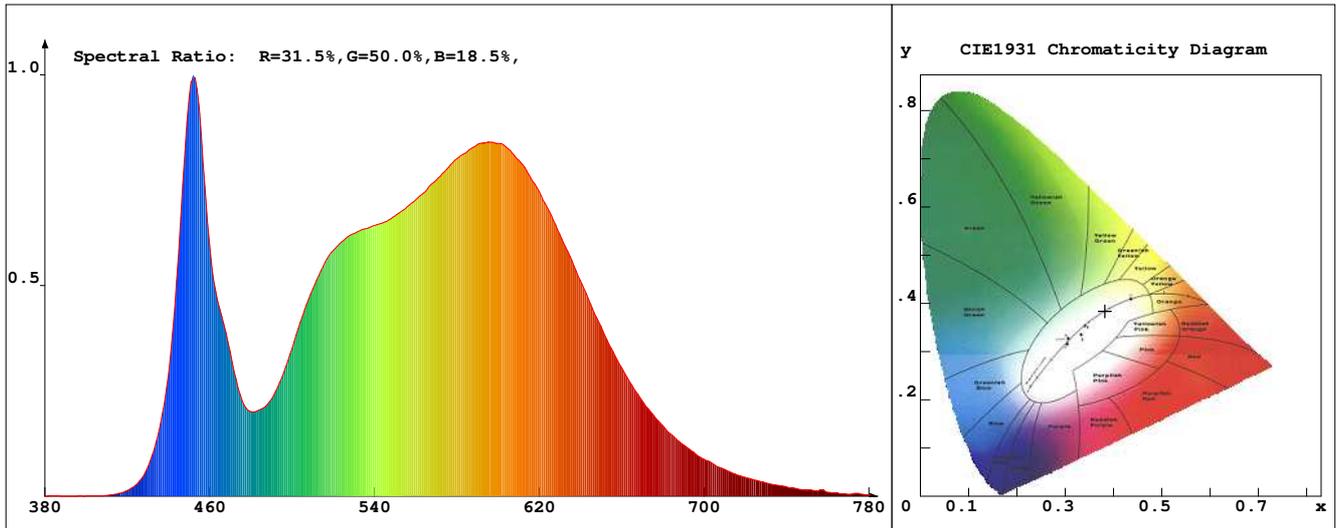
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark :



Chroma Parameters

Chro.Coord.:x=0.3822 y=0.3840 u=0.2234 v=0.3367 duv=0.0028

CCT: 4004K Dominant Wave.:577.6nm Purity:30.0% Centre Wave:452.1nm

Flux RGB Ratio:R=17.2%,G=80.5%,B=2.3% Peak Wave:450.6nm Half Width:18.5nm

Rendering Index:Ra= 81.2 CRI= 77.0

R1 =79 R2 =87 R3 =94 R4 =82 R5 =80 R6 =83 R7 =85 R8 =61

R9 =-1 R10=70 R11=81 R12=55 R13=81 R14=97 R15=72

PPF:14.404umol/s (400-700nm)

PRF:3.1mW (400-700nm)

PAR:2.7mW (400-700nm)

Photo Parameters

Flux:1125.44lm

Effi.:125.11m/W

Radiant:3131.0mW

Iv:0.0mcd

Scotopic Flux:1872.6Plm

Effi.:0.0Plm/W

S/P:1.7

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:14709.600umol/s (380-780nm)

Ele. Parameters

Forward Current:If=746.0mA

Reverse Voltage:Vr=5.00V

Forward Voltage:Vf=12.06V

Reverse Current:Ir=0.00uA

Power:P=9.001W

Instrument state

Instrument:Lisun LMS-8000

Integral Time: 138.108ms

VPeak: 14664

VDark: 1246

Scan Range: 380-780nm

Product ID: 201508924

IES TM-30-2015 Test Report

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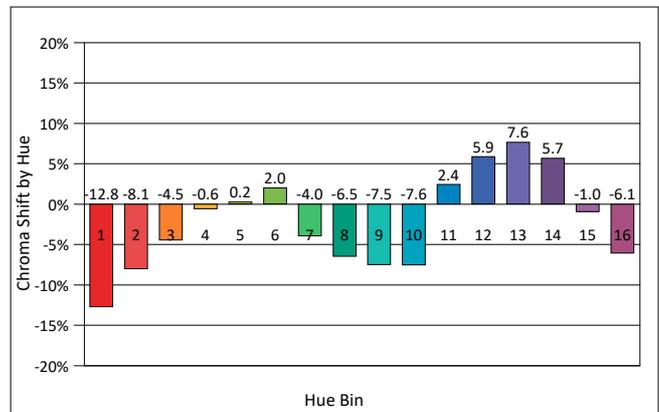
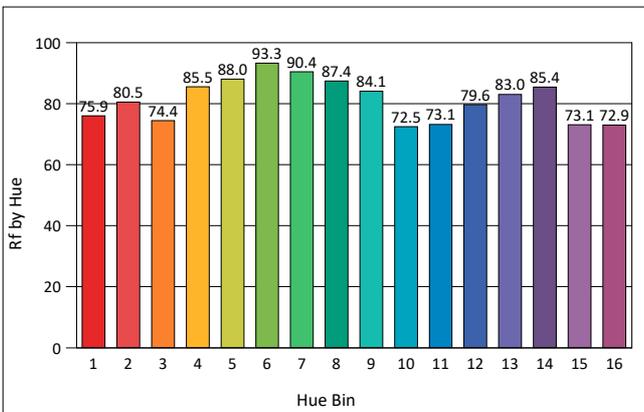
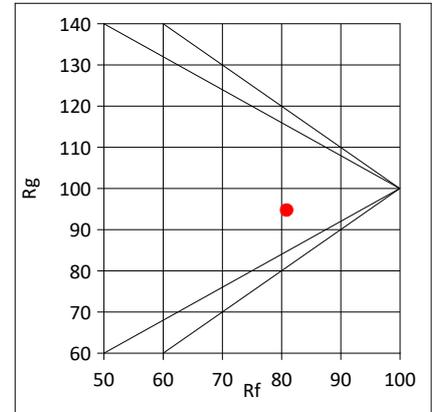
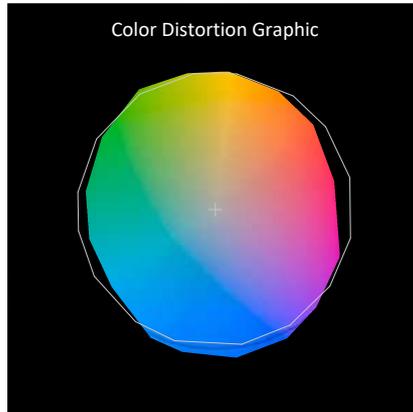
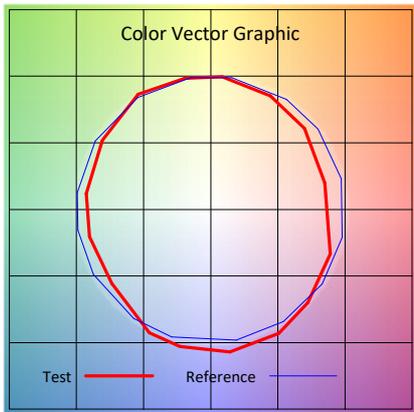
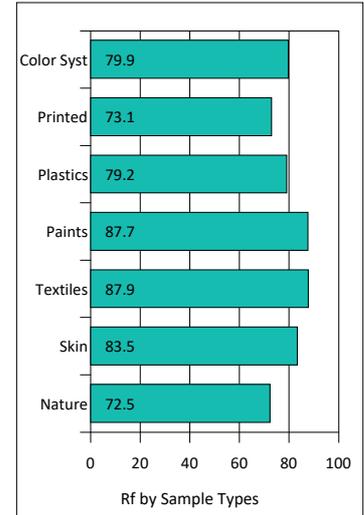
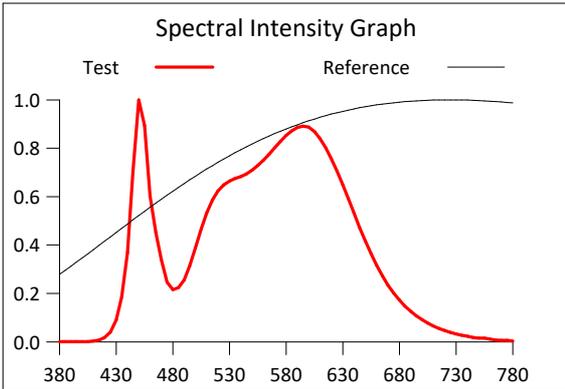
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Rf: 80.9 CCT(K): 4004 u': 0.2234
 Rg: 94.7 LER: 341.3 Duv: 0.0028 v': 0.3367

Hue Bin	Graphic Shifts (%)		
	Rf	Chroma	Hue
1	75.9	-12.8%	-0.9%
2	80.5	-8.1%	5.9%
3	74.4	-4.5%	11.3%
4	85.5	-0.6%	7.2%
5	88.0	0.2%	4.3%
6	93.3	2.0%	-1.5%
7	90.4	-4.0%	-3.3%
8	87.4	-6.5%	-0.7%
9	84.1	-7.5%	6.5%
10	72.5	-7.6%	13.2%
11	73.1	2.4%	15.9%
12	79.6	5.9%	7.6%
13	83.0	7.6%	-6.5%
14	85.4	5.7%	-7.7%
15	73.1	-1.0%	-17.9%
16	72.9	-6.1%	-13.9%



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