

LED Test Report

Product Mark

Product Type : OR400-F52-4800R4

Manufacturer : -

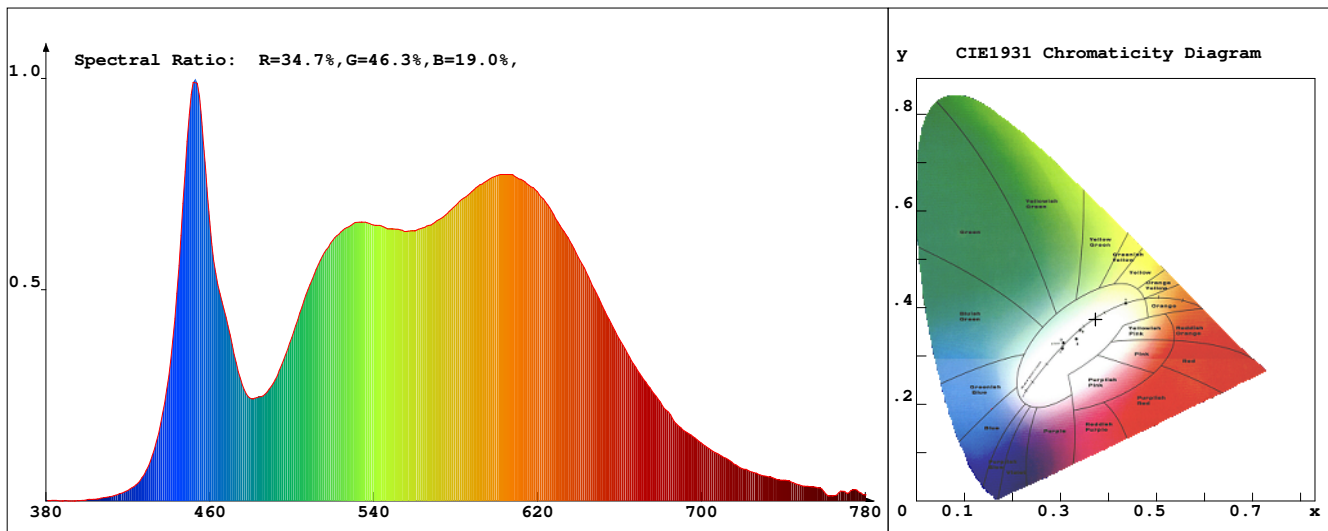
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark:



Chroma Parameters

Chro.Coord.:x=0.3732 y=0.3756 u=0.2208 v=0.3333 duv=0.0016

CCT: 4195K Dominant Wave.:577.3nm Purity:24.7% Centre Wave:453.2nm

Flux RGB Ratio:R=18.1%,G=79.3%,B=2.6% Peak Wave:451.6nm Half Width:20.3nm

Rendering Index:Ra= 89.4 CRI= 85.4

R1 =90 R2 =93 R3 =94 R4 =91 R5 =89 R6 =90 R7 =92 R8 =78

R9 =40 R10=81 R11=91 R12=64 R13=91 R14=96 R15=85

PPF:5.157umol/s (400-700nm)

PRF:1.1mW (400-700nm)

PAR:0.9mW (400-700nm)

Photo Parameters

Flux:358.99lm Effi.:44.6lm/W Radiant:1134.3mW Iv:0.0mcd

Scotopic Flux:643.1Plm Effi.:0.0Plm/W S/P:1.8

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:5360.330umol/s (380-780nm)

Ele. Parameters

Forward Current:If=169.0mA

Reverse Voltage:Vr=5.00V

Forward Voltage:Vf=47.63V

Reverse Current:Ir=0.00uA

Power:P=8.101W

Instrument state

Instrument:Lisun LMS-8000

Integral Time: 350.777ms

VPeak: 13384

VDark: 1401

Scan Range: 380-780nm

Product ID: 201508924

IES TM-30-2015 Test Report

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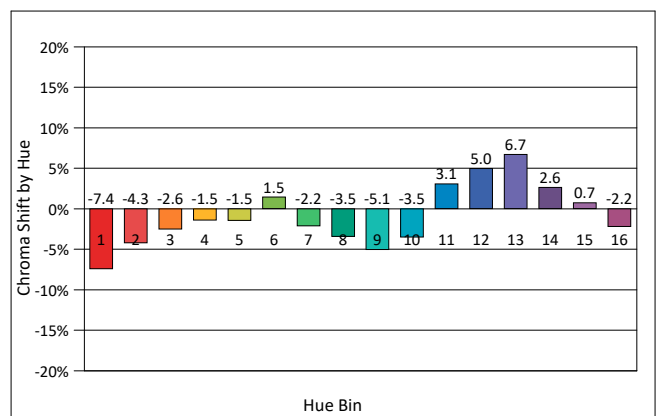
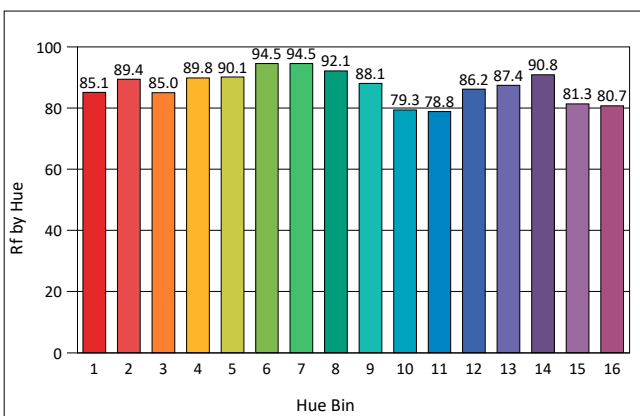
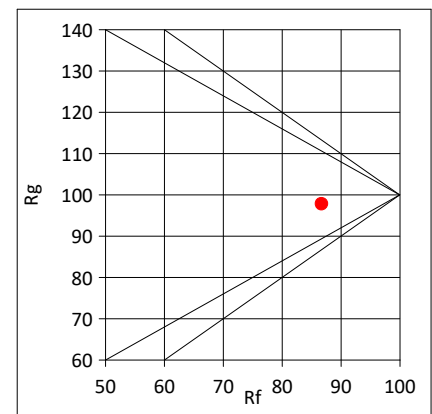
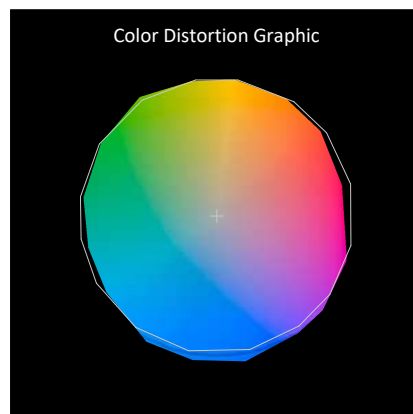
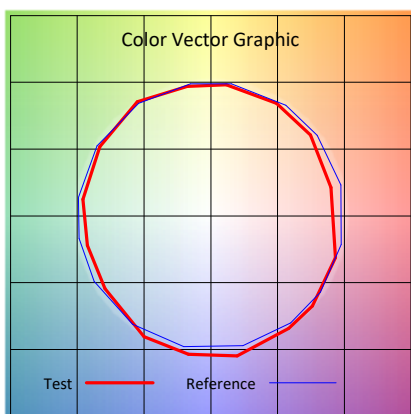
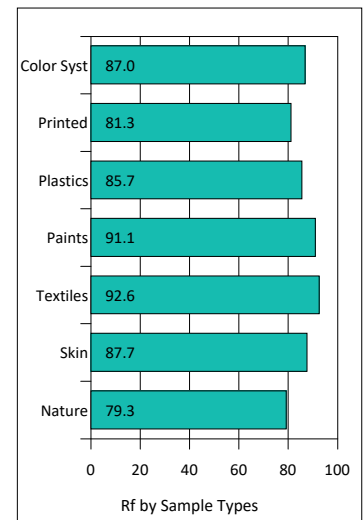
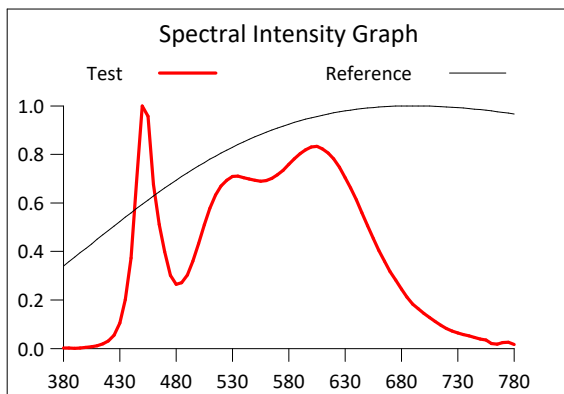
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Rf: 86.7 CCT(K): 4195 u': 0.2208
 Rg: 97.8 LER: 316.7 Duv: 0.0016 v': 0.3333

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	85.1	-7.4%	-0.5%
2	89.4	-4.3%	3.0%
3	85.0	-2.6%	6.4%
4	89.8	-1.5%	3.6%
5	90.1	-1.5%	2.7%
6	94.5	1.5%	0.1%
7	94.5	-2.2%	-0.9%
8	92.1	-3.5%	0.8%
9	88.1	-5.1%	6.4%
10	79.3	-3.5%	9.3%
11	78.8	3.1%	12.4%
12	86.2	5.0%	4.7%
13	87.4	6.7%	-5.6%
14	90.8	2.6%	-3.4%
15	81.3	0.7%	-12.0%
16	80.7	-2.2%	-10.4%



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