

LED Test Report

Product Mark

Product Type : ORORA-FA2-4800R2

Manufacturer : -

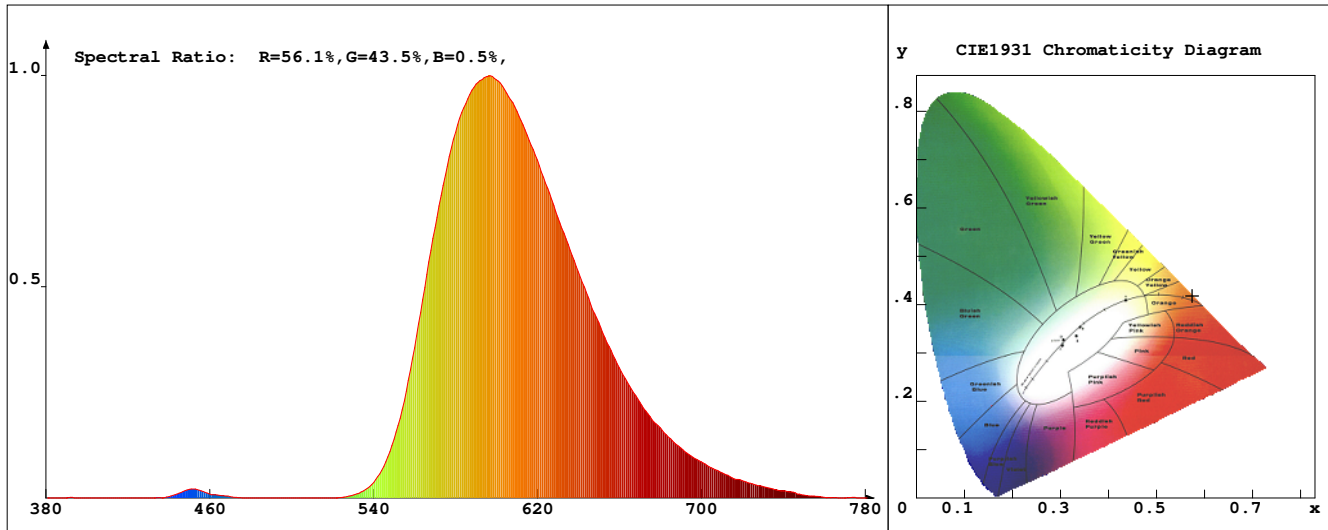
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark :



Chroma Parameters

Chro.Coord.: x=0.5745 y=0.4179 u=0.3347 v=0.3652 duv=0.0047

CCT: 1689K Dominant Wave.: 590.8nm Purity: 97.9% Centre Wave: 603.0nm

Flux RGB Ratio: R=30.5%, G=69.4%, B=0.0% Peak Wave: 595.7nm Half Width: 77.9nm

Rendering Index: Ra= 30.7 CRI= 52.4

R1 =22 R2 =64 R3 =73 R4 =-3 R5 =10 R6 =43 R7 =52 R8 =-16

R9 =-125 R10=35 R11=-37 R12=-4 R13=26 R14=83 R15=19

PPF: 13.853umol/s (400-700nm)

PRF: 2.7mW (400-700nm)

PAR: 2.6mW (400-700nm)

Photo Parameters

Flux: 1025.03lm Effi.: 92.9lm/W Radiant: 2786.1mW Iv: 0.0mcd

Scotopic Flux: 355.9Plm Effi.: 0.0Plm/W S/P: 0.3

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 14218.700umol/s (380-780nm)

Ele. Parameters

Forward Current: If=460.0mA

Reverse Voltage: Vr=5.00V

Forward Voltage: Vf=23.98V

Reverse Current: Ir=0.00uA

Power: P=11.051W

Instrument state

Instrument: Lisun LMS-8000

Integral Time: 96.471ms

VPeak: 15032

VDark: 1468

Scan Range: 380-780nm

Product ID: 201508924

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IES TM-30-2015 Test Report

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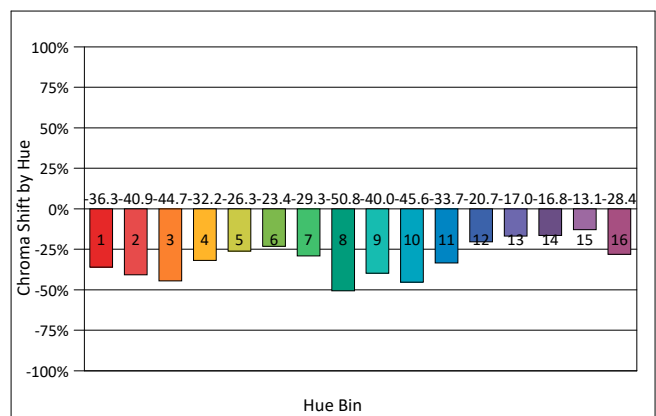
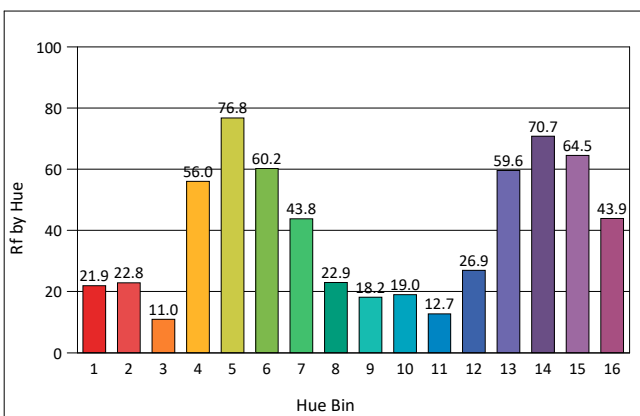
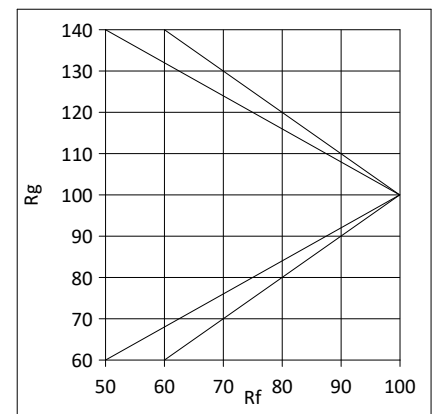
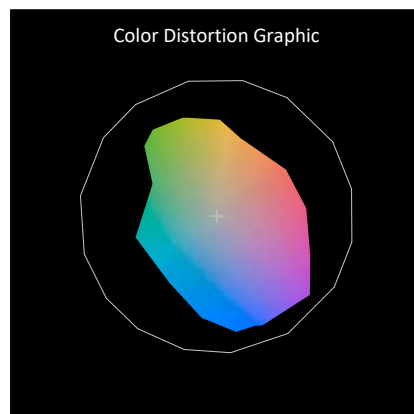
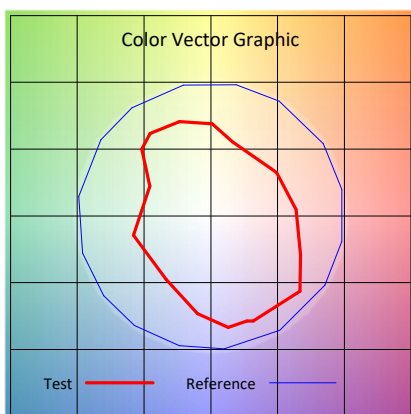
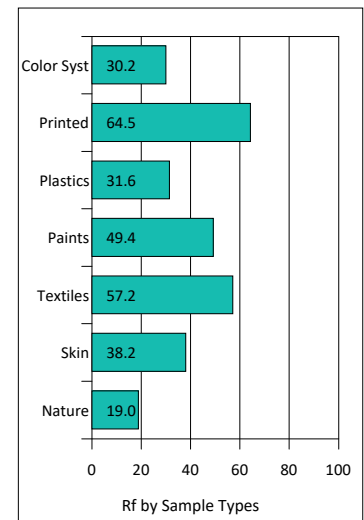
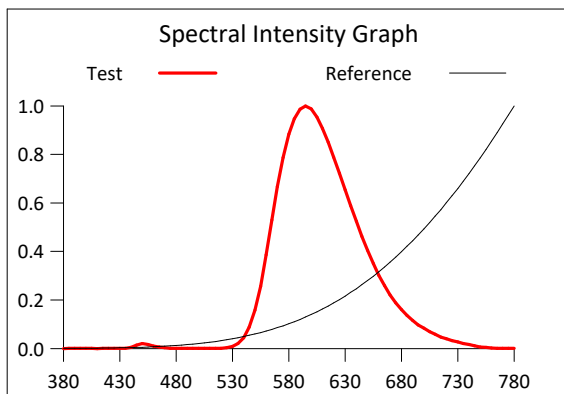
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Rf: 37.8 CCT(K): 1689 u': 0.3347
 Rg: 47.3 LER: 359.8 Duv: 0.0047 v': 0.3652

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	21.9	-36.3%	-8.0%
2	22.8	-40.9%	1.6%
3	11.0	-44.7%	12.1%
4	56.0	-32.2%	11.8%
5	76.8	-26.3%	8.2%
6	60.2	-23.4%	-0.6%
7	43.8	-29.3%	-11.2%
8	22.9	-50.8%	-18.0%
9	18.2	-40.0%	-5.5%
10	19.0	-45.6%	15.7%
11	12.7	-33.7%	34.4%
12	26.9	-20.7%	33.3%
13	59.6	-17.0%	20.6%
14	70.7	-16.8%	-12.9%
15	64.5	-13.1%	-14.2%
16	43.9	-28.4%	-16.2%



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