

LED Test Report

Product Mark

Product Type : OR30s-F52-0608F1

Manufacturer : -

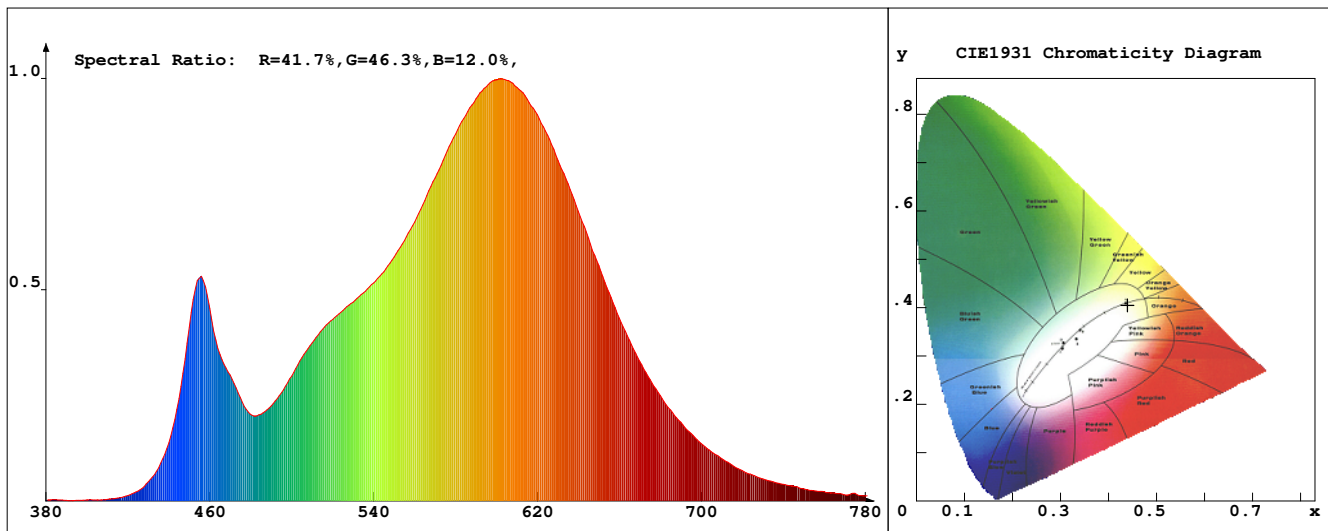
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark:



Chroma Parameters

Chro.Coord.:x=0.4397 y=0.4050 u=0.2519 v=0.3481 duv=0.0000

CCT: 2962K Dominant Wave.:583.0nm Purity:53.5% Centre Wave:594.9nm

Flux RGB Ratio:R=21.9%,G=76.3%,B=1.8% Peak Wave:600.7nm Half Width:116.7nm

Rendering Index:Ra= 80.0 CRI= 77.5

R1 =77 R2 =89 R3 =96 R4 =79 R5 =81 R6 =90 R7 =78 R8 =51

R9 =-4 R10=78 R11=77 R12=69 R13=79 R14=99 R15=68

PPF:17.624umol/s (400-700nm)

PRF:3.7mW (400-700nm)

PAR:3.3mW (400-700nm)

Photo Parameters

Flux:1352.19lm Effi.:104.3lm/W Radiant:3758.6mW Iv:0.0mcd

Scotopic Flux:1807.8Plm Effi.:0.0Plm/W S/P:1.3

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:18242.199umol/s (380-780nm)

Ele. Parameters

Forward Current:If=1067.0mA

Reverse Voltage:Vr=5.00V

Forward Voltage:Vf=12.15V

Reverse Current:Ir=0.00uA

Power:P=12.961W

Instrument state

Instrument:Lisun LMS-8000

Integral Time: 113.913ms

VPeak: 13592

VDark: 1170

Scan Range: 380-780nm

Product ID: 201508924

IES TM-30-2015 Test Report

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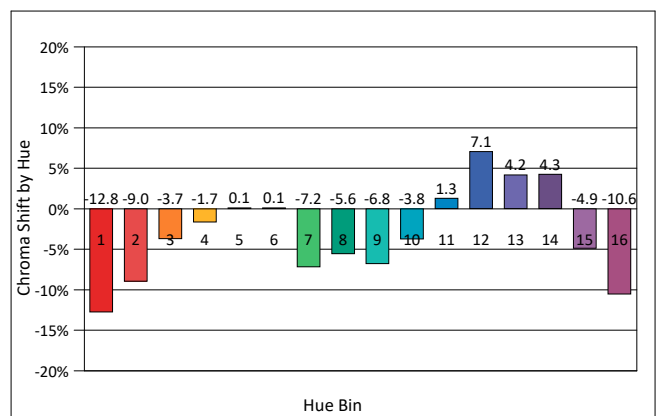
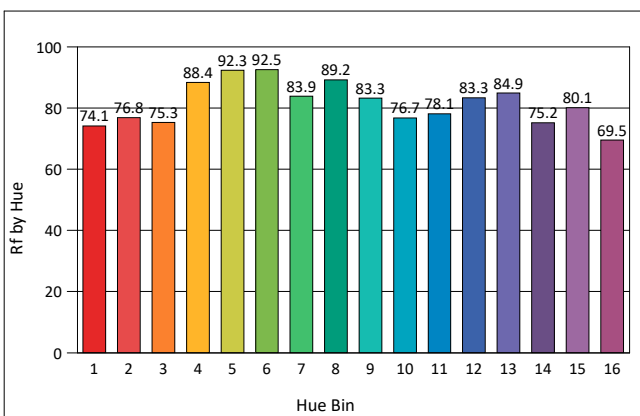
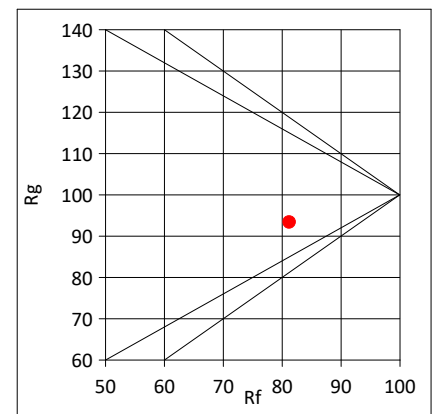
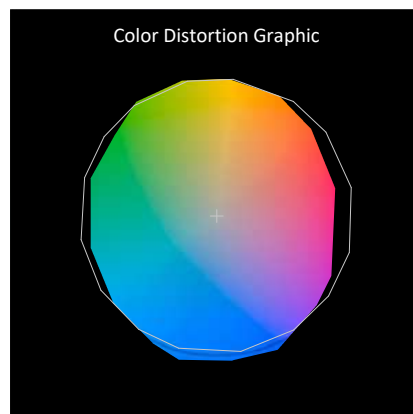
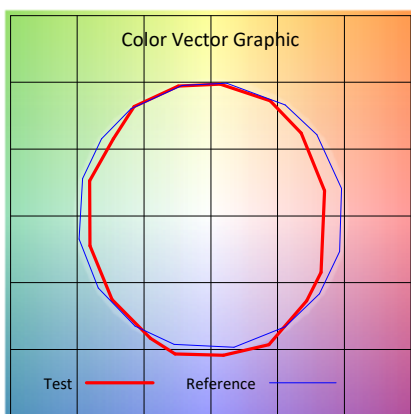
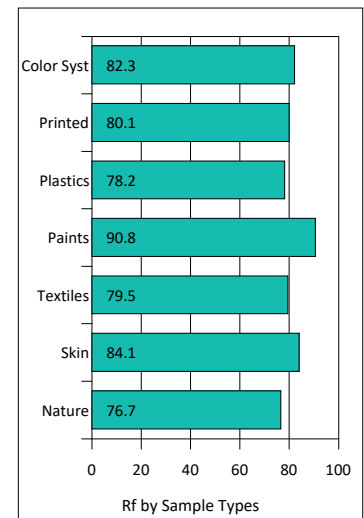
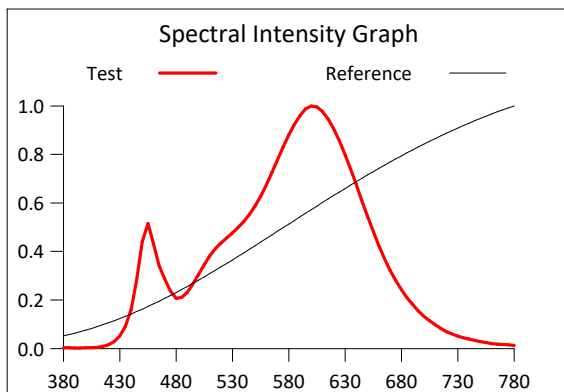
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Rf: 81.2 CCT(K): 2962 u': 0.2519
Rg: 93.4 LER: 334.8 Duv: 0.0000 v': 0.3481

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	74.1	-12.8%	0.8%
2	76.8	-9.0%	7.4%
3	75.3	-3.7%	11.0%
4	88.4	-1.7%	4.7%
5	92.3	0.1%	2.9%
6	92.5	0.1%	-3.0%
7	83.9	-7.2%	-4.9%
8	89.2	-5.6%	0.7%
9	83.3	-6.8%	6.5%
10	76.7	-3.8%	12.8%
11	78.1	1.3%	14.4%
12	83.3	7.1%	2.2%
13	84.9	4.2%	-9.0%
14	75.2	4.3%	-17.8%
15	80.1	-4.9%	-9.7%
16	69.5	-10.6%	-18.2%



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