

LED Test Report

Product Mark

Product Type : OR300-F52-320OR0

Manufacturer : -

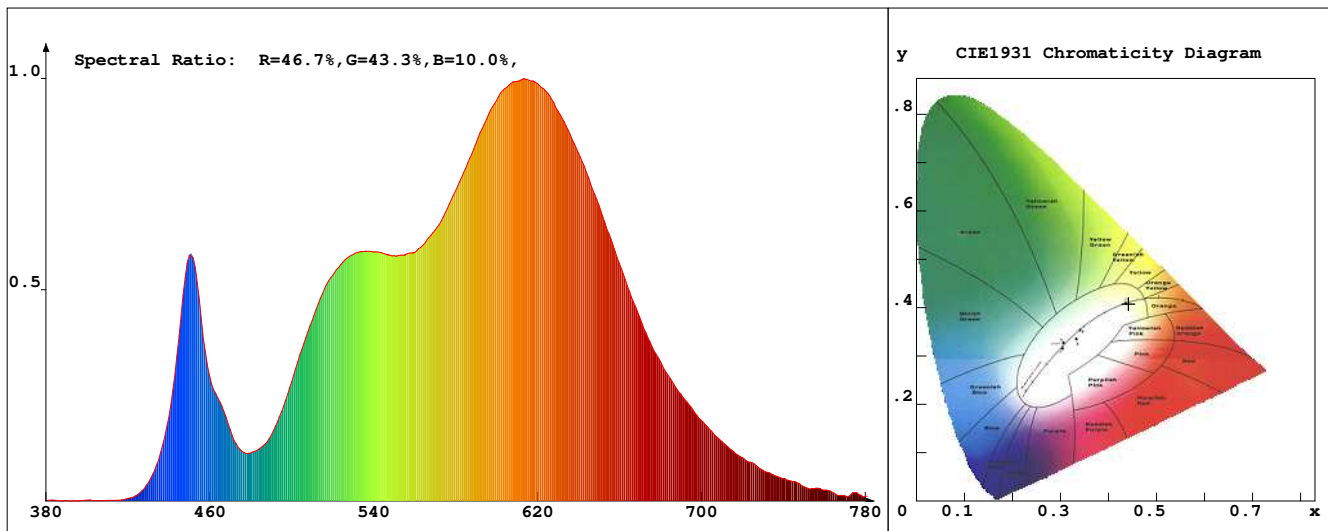
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark:



Chroma Parameters

Chro.Coord.:x=0.4418 y=0.4077 u=0.2521 v=0.3490 duv=0.0008

CCT: 2951K Dominant Wave.:582.8nm Purity:55.0% Centre Wave:589.2nm

Flux RGB Ratio:R=23.8%,G=74.9%,B=1.3% Peak Wave:613.6nm Half Width:148.3nm

Rendering Index:Ra= 90.5 CRI= 87.3

R1 =92 R2 =94 R3 =95 R4 =93 R5 =91 R6 =94 R7 =90 R8 =75

R9 =41 R10=85 R11=95 R12=76 R13=93 R14=96 R15=85

PPF:5.783umol/s (400-700nm)

PRF:1.2mW (400-700nm)

PAR:1.1mW (400-700nm)

Photo Parameters

Flux:409.31lm Effi.:56.9lm/W Radiant:1232.4mW Iv:0.0mcd

Scotopic Flux:551.1Plm Effi.:0.0Plm/W S/P:1.3

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:6043.270umol/s (380-780nm)

Ele. Parameters

Forward Current:If=1411.0mA

Reverse Voltage:Vr=5.00V

Forward Voltage:Vf=5.10V

Reverse Current:Ir=0.00uA

Power:P=7.200W

Instrument state

Instrument:Lisun LMS-8000

Integral Time: 396.021ms

VPeak: 13512

VDark: 1304

Scan Range: 380-780nm

Product ID: 201508924

IES TM-30-2015 Test Report

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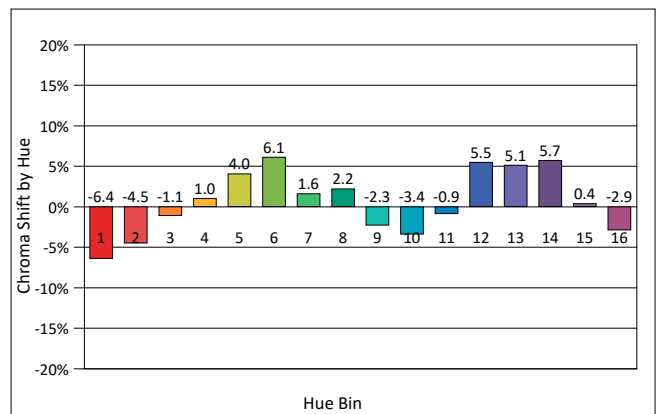
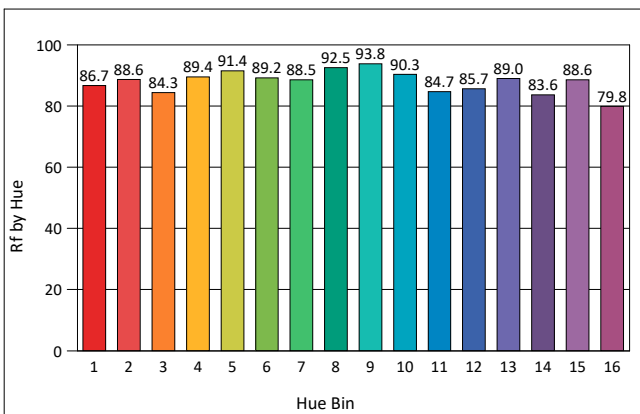
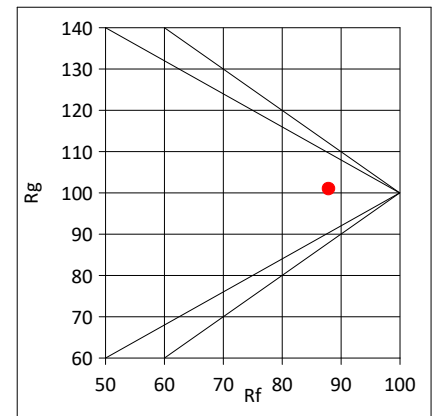
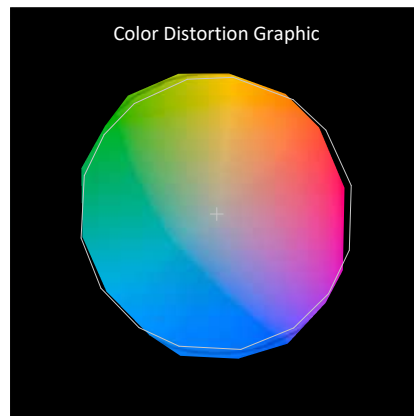
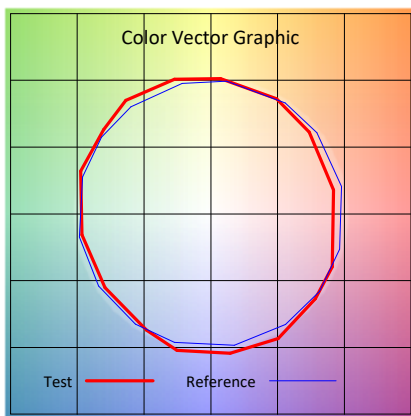
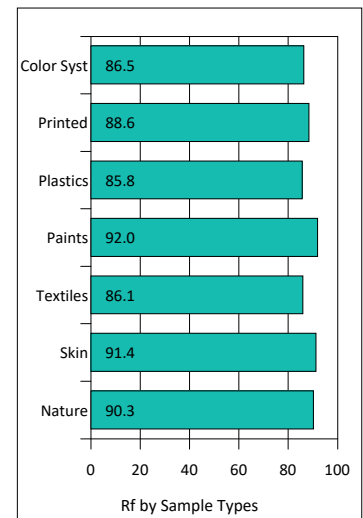
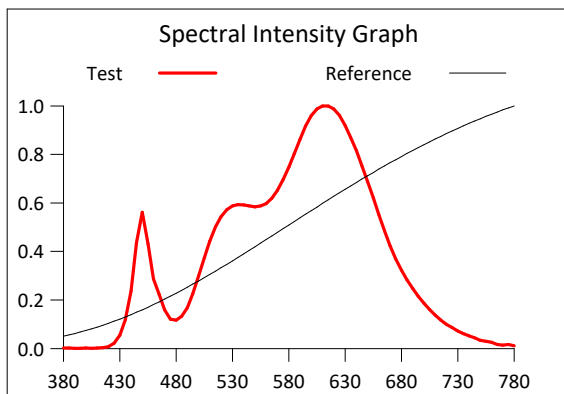
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Rf: 87.9 CCT(K): 2951 u': 0.2521
 Rg: 101.0 LER: 317.2 Duv: 0.0008 v': 0.3490

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	86.7	-6.4%	-1.5%
2	88.6	-4.5%	3.7%
3	84.3	-1.1%	7.2%
4	89.4	1.0%	4.9%
5	91.4	4.0%	5.1%
6	89.2	6.1%	0.3%
7	88.5	1.6%	-5.7%
8	92.5	2.2%	-3.8%
9	93.8	-2.3%	-1.3%
10	90.3	-3.4%	3.7%
11	84.7	-0.9%	9.3%
12	85.7	5.5%	3.1%
13	89.0	5.1%	-4.2%
14	83.6	5.7%	-10.4%
15	88.6	0.4%	-6.4%
16	79.8	-2.9%	-14.1%



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