

LED Test Report

Product Mark

Product Type : OR27s-F52-0608F1

Manufacturer : -

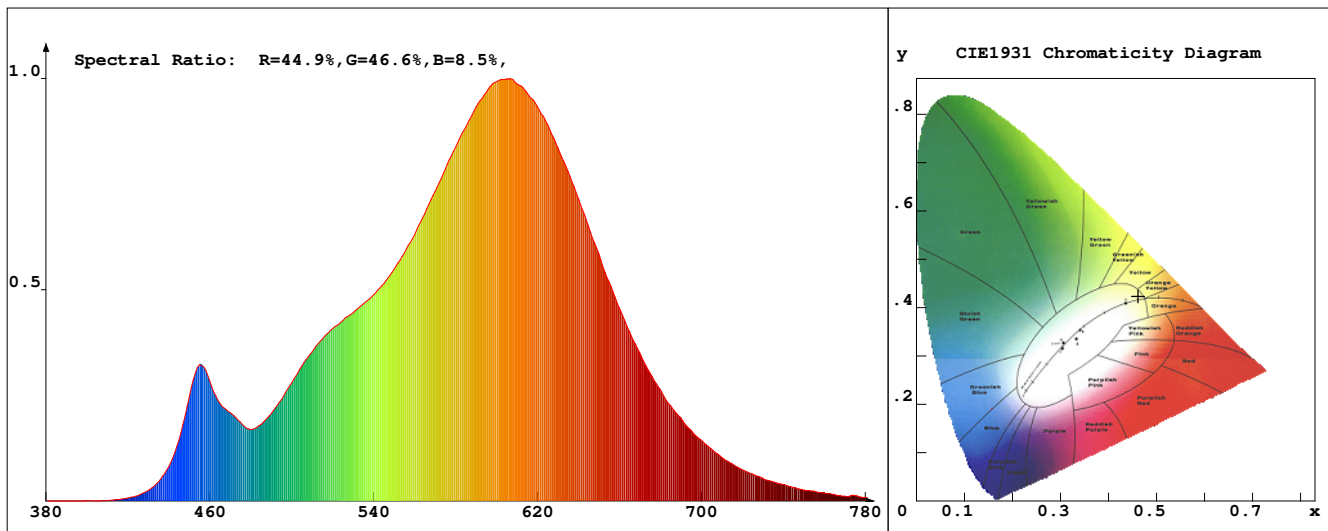
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark:



Chroma Parameters

Chro.Coord.:x=0.4616 y=0.4237 u=0.2578 v=0.3550 duv=0.0046

CCT: 2776K Dominant Wave.:582.4nm Purity:65.8% Centre Wave:598.5nm

Flux RGB Ratio:R=23.0%,G=75.6%,B=1.4% Peak Wave:604.8nm Half Width:113.7nm

Rendering Index:Ra= 80.4 CRI= 77.5

R1 =77 R2 =89 R3 =97 R4 =78 R5 =79 R6 =90 R7 =80 R8 =53

R9 =-4 R10=77 R11=77 R12=69 R13=80 R14=99 R15=68

PPF:18.091umol/s (400-700nm)

PRF:3.7mW (400-700nm)

PAR:3.3mW (400-700nm)

Photo Parameters

Flux:1320.76lm Effi.:101.4lm/W Radiant:3817.6mW Iv:0.0mcd

Scotopic Flux:1616.0Plm Effi.:0.0Plm/W S/P:1.2

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:18739.400umol/s (380-780nm)

Ele. Parameters

Forward Current:If=1086.0mA

Reverse Voltage:Vr=5.00V

Forward Voltage:Vf=11.99V

Reverse Current:Ir=0.00uA

Power:P=13.020W

Instrument state

Instrument:Lisun LMS-8000

Integral Time: 122.075ms

VPeak: 14888

VDark: 1187

Scan Range: 380-780nm

Product ID: 201508924

www.orizzonteled.com

IES TM-30-2015 Test Report

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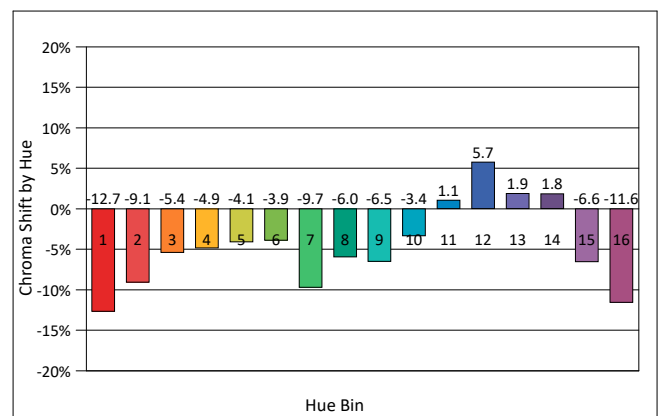
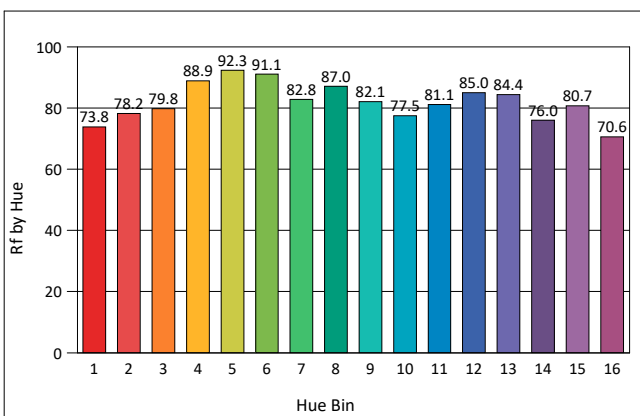
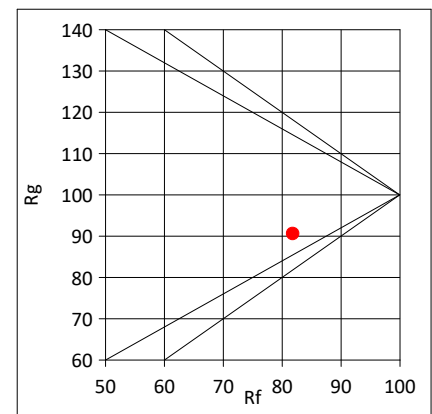
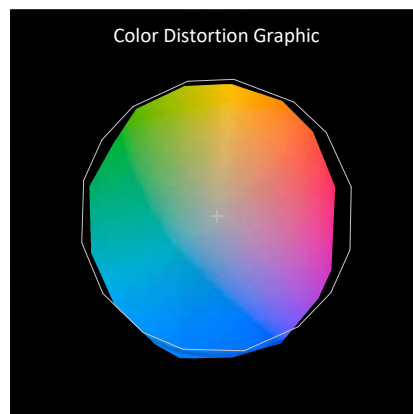
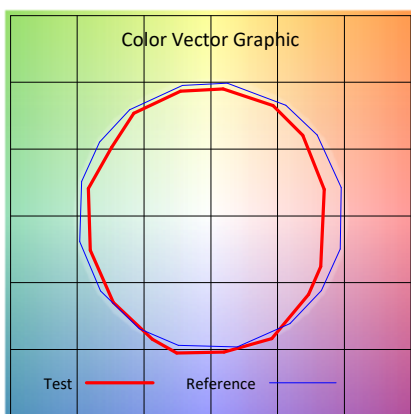
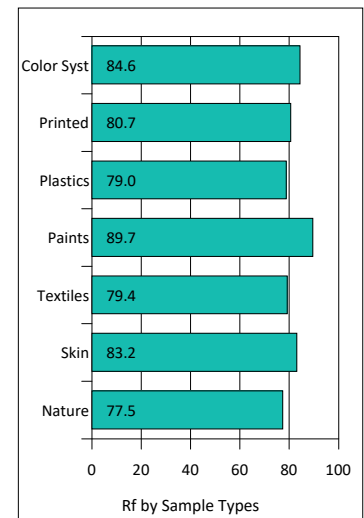
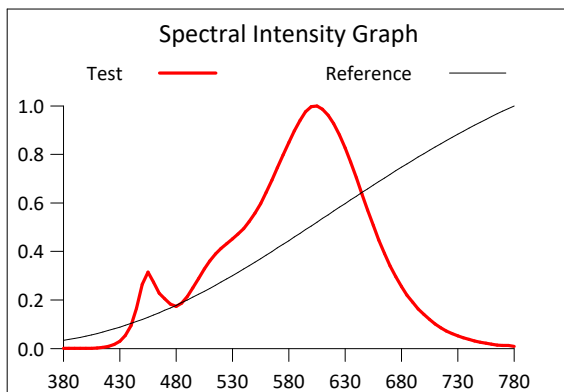
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Rf: 81.8 CCT(K): 2776 u': 0.2578
Rg: 90.6 LER: 339.9 Duv: 0.0046 v': 0.3550

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	73.8	-12.7%	1.3%
2	78.2	-9.1%	5.8%
3	79.8	-5.4%	7.9%
4	88.9	-4.9%	2.3%
5	92.3	-4.1%	2.3%
6	91.1	-3.9%	-1.2%
7	82.8	-9.7%	-1.8%
8	87.0	-6.0%	4.2%
9	82.1	-6.5%	7.8%
10	77.5	-3.4%	12.4%
11	81.1	1.1%	12.5%
12	85.0	5.7%	0.0%
13	84.4	1.9%	-10.4%
14	76.0	1.8%	-17.5%
15	80.7	-6.6%	-7.8%
16	70.6	-11.6%	-15.8%



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