

LED Test Report

Product Mark

Product Type : OR40s-F52-0608H2

Manufacturer : -

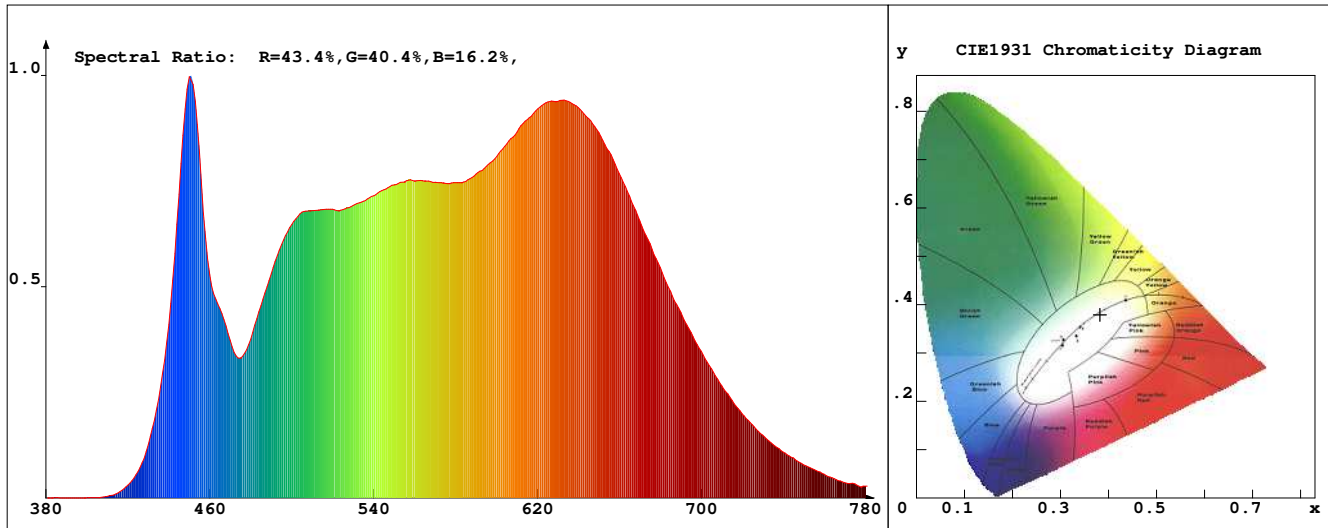
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark :



Chroma Parameters

Chro.Coord.:x=0.3824 y=0.3792 u=0.2254 v=0.3353 duv=0.0006

CCT: 3967K Dominant Wave.:578.9nm Purity:28.6% Centre Wave:450.2nm

Flux RGB Ratio:R=20.2%,G=77.0%,B=2.8% Peak Wave:449.6nm Half Width:18.7nm

Rendering Index:Ra= 97.4 CRI= 96.6

R1 =97 R2 =99 R3 =98 R4 =98 R5 =98 R6 =95 R7 =97 R8 =98

R9 =99 R10=99 R11=96 R12=83 R13=97 R14=98 R15=97

PPF:19.402umol/s (400-700nm)

PRF:4.1mW (400-700nm)

PAR:3.5mW (400-700nm)

Photo Parameters

Flux:1272.36lm Effi.:91.0lm/W Radiant:4291.6mW Iv:0.0mcd

Scotopic Flux:2360.4Plm Effi.:0.0Plm/W S/P:1.9

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:20775.900umol/s (380-780nm)

Ele. Parameters

Forward Current:If=586.0mA

Reverse Voltage:Vr=5.00V

Forward Voltage:Vf=23.87V

Reverse Current:Ir=0.00uA

Power:P=14.001W

Instrument state

Instrument:Lisun LMS-8000

Integral Time: 145.045ms

VPeak: 14904

VDark: 1063

Scan Range: 380-780nm

Product ID: 201508924

www.orizzonteled.com

IES TM-30-2015 Test Report

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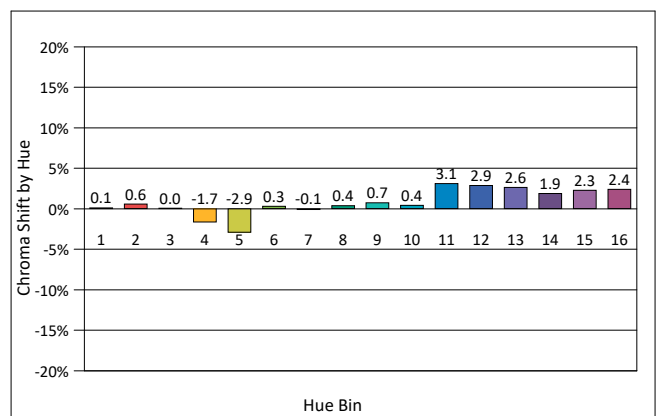
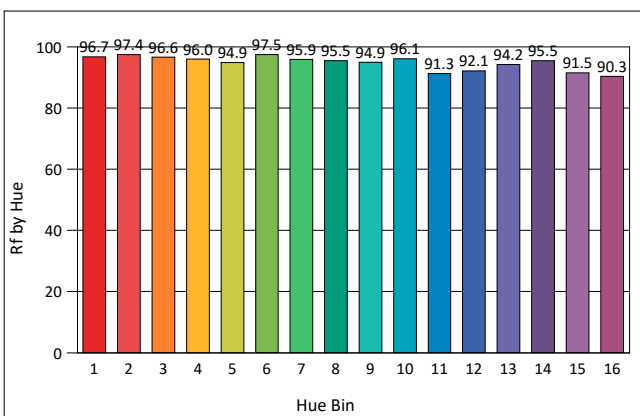
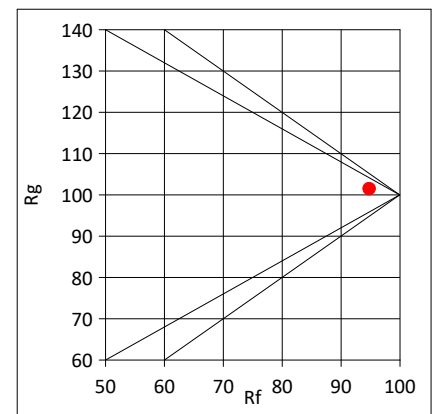
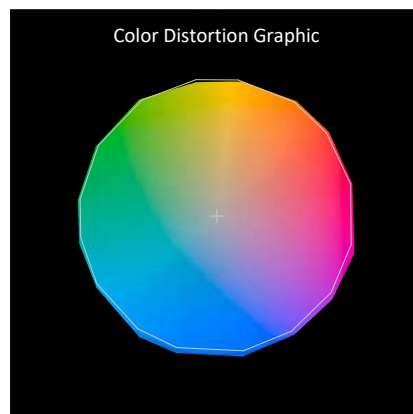
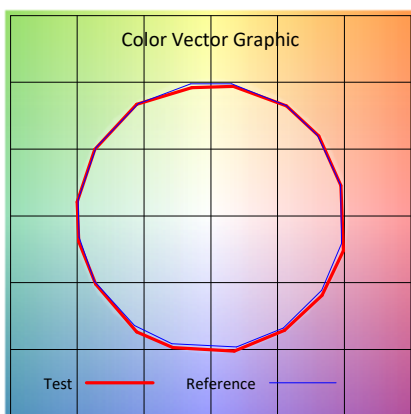
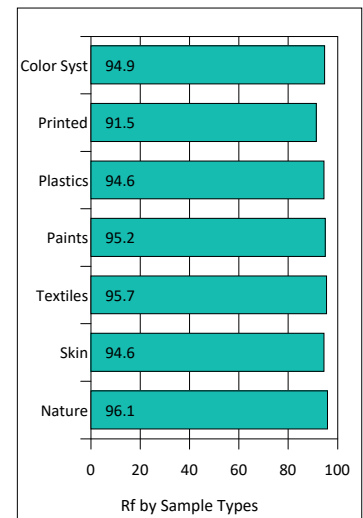
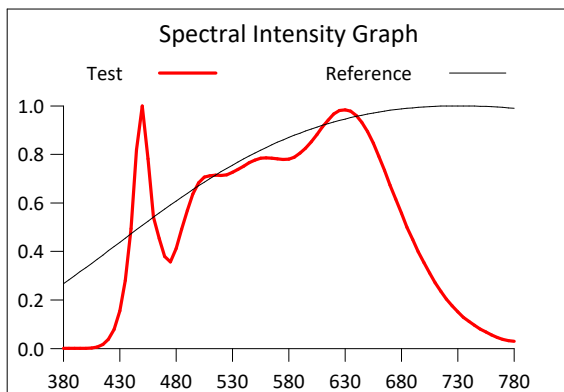
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Rf: 94.8 CCT(K): 3967 u': 0.2254
Rg: 101.4 LER: 277.0 Duv: 0.0006 v': 0.3353

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	96.7	0.1%	-0.5%
2	97.4	0.6%	-1.0%
3	96.6	0.0%	-0.4%
4	96.0	-1.7%	-1.5%
5	94.9	-2.9%	-0.2%
6	97.5	0.3%	1.2%
7	95.9	-0.1%	1.8%
8	95.5	0.4%	2.0%
9	94.9	0.7%	3.3%
10	96.1	0.4%	2.2%
11	91.3	3.1%	4.3%
12	92.1	2.9%	1.2%
13	94.2	2.6%	-2.2%
14	95.5	1.9%	-0.2%
15	91.5	2.3%	-3.3%
16	90.3	2.4%	-4.8%



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