

LED Test Report

Product Mark

Product Type : OR40s-F52-0608H1

Manufacturer : -

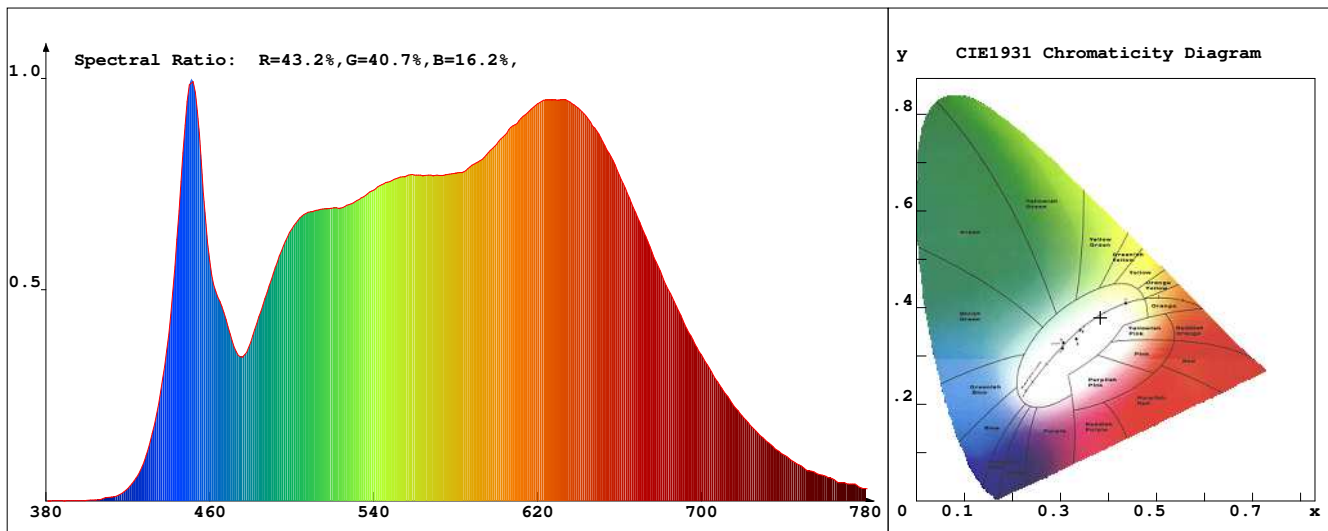
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark:



Chroma Parameters

Chro.Coord.:x=0.3831 y=0.3789 u=0.2260 v=0.3353 duv=0.0002

CCT: 3944K Dominant Wave.:579.1nm Purity:28.7% Centre Wave:451.2nm

Flux RGB Ratio:R=20.1%,G=77.1%,B=2.8% Peak Wave:449.6nm Half Width:20.3nm

Rendering Index:Ra= 98.6 CRI= 97.3

R1 =99 R2 =100 R3 =97 R4 =98 R5 =100 R6 =98 R7 =99 R8 =98

R9 =95 R10=98 R11=96 R12=84 R13=99 R14=98 R15=99

PPF:19.415umol/s (400-700nm)

PRF:4.1mW (400-700nm)

PAR:3.5mW (400-700nm)

Photo Parameters

Flux:1262.97lm Effi.:90.3lm/W Radiant:4294.5mW Iv:0.0mcd

Scotopic Flux:2317.5Plm Effi.:0.0Plm/W S/P:1.8

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:20789.000umol/s (380-780nm)

Ele. Parameters

Forward Current:If=1149.0mA

Reverse Voltage:Vr=5.00V

Forward Voltage:Vf=12.18V

Reverse Current:Ir=0.00uA

Power:P=14.001W

Instrument state

Instrument:Lisun LMS-8000

Integral Time: 156.395ms

VPeak: 15960

VDark: 1216

Scan Range: 380-780nm

Product ID: 201508924

www.orizzonteled.com

IES TM-30-2015 Test Report

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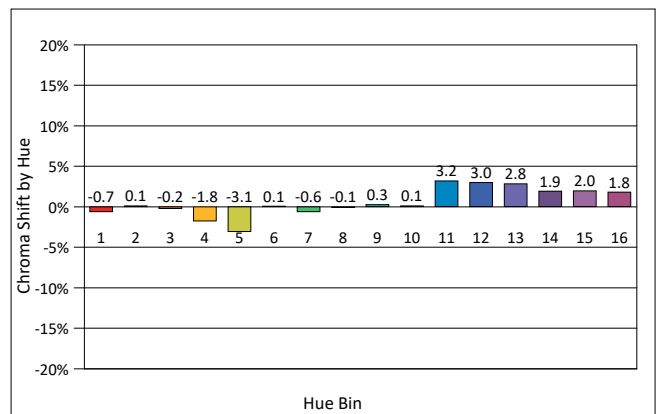
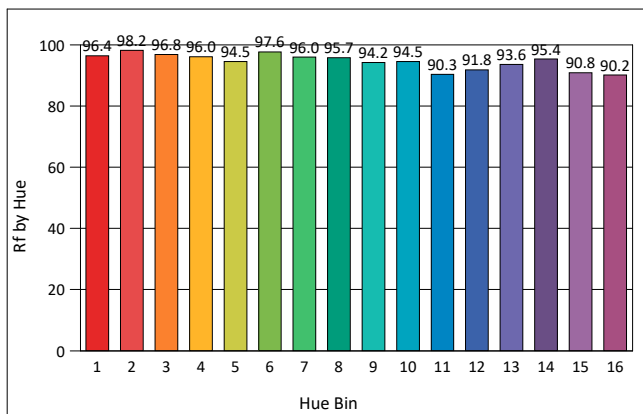
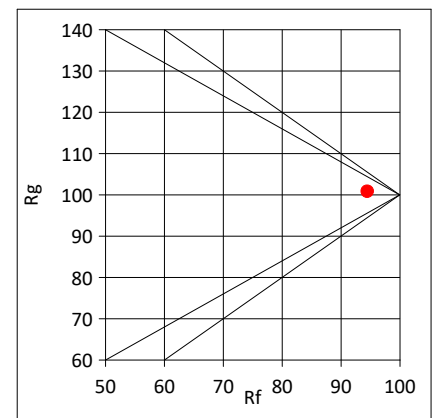
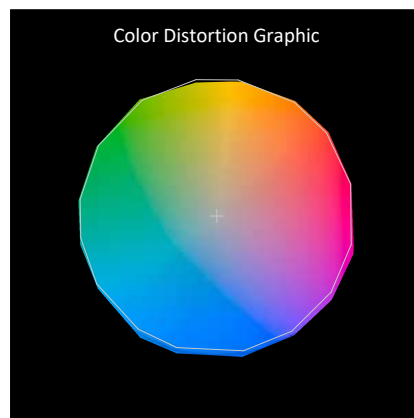
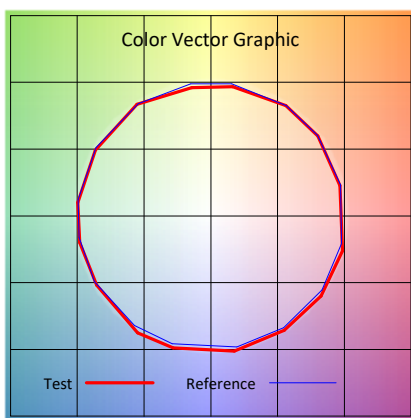
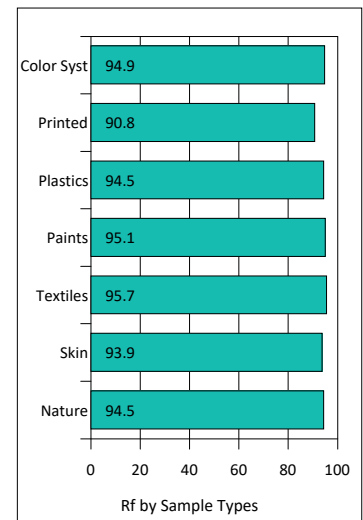
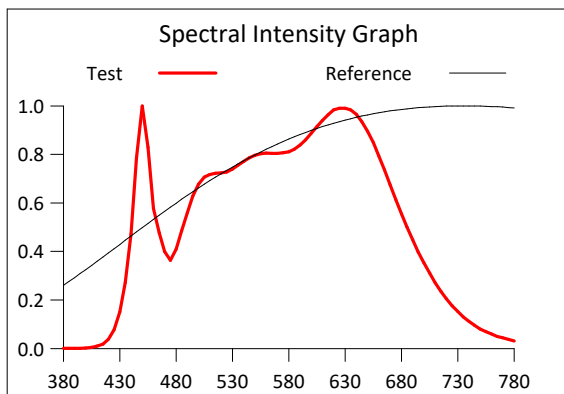
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Rf: 94.5 CCT(K): 3944 u': 0.2260
 Rg: 100.8 LER: 279.4 Duv: 0.0002 v': 0.3353

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	96.4	-0.7%	-0.4%
2	98.2	0.1%	-0.6%
3	96.8	-0.2%	0.2%
4	96.0	-1.8%	-1.2%
5	94.5	-3.1%	-0.0%
6	97.6	0.1%	1.0%
7	96.0	-0.6%	1.7%
8	95.7	-0.1%	2.2%
9	94.2	0.3%	3.9%
10	94.5	0.1%	3.1%
11	90.3	3.2%	5.0%
12	91.8	3.0%	1.4%
13	93.6	2.8%	-2.6%
14	95.4	1.9%	-0.7%
15	90.8	2.0%	-4.1%
16	90.2	1.8%	-5.2%



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