

LED Test Report

Product Mark

Product Type : OR40s-F52-256824A

Manufacturer : -

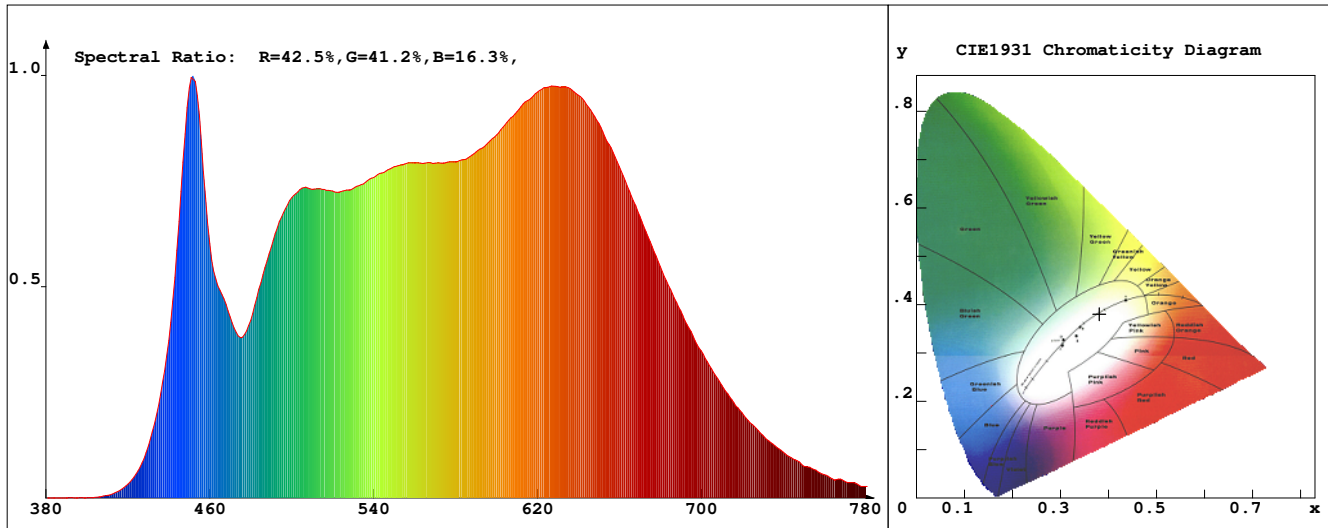
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark:



Chroma Parameters

Chro.Coord.:x=0.3811 y=0.3807 u=0.2240 v=0.3356 duv=0.0016

CCT: 4010K Dominant Wave.:578.2nm Purity:28.6% Centre Wave:452.0nm

Flux RGB Ratio:R=19.9%,G=77.2%,B=2.9% Peak Wave:450.6nm Half Width:21.1nm

Rendering Index:Ra= 98.5 CRI= 97.3

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

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

PPF:37.833umol/s (400-700nm)

PRF:7.9mW (400-700nm)

PAR:6.8mW (400-700nm)

Photo Parameters

Flux:2511.27lm Effi.:130.5lm/W Radiant:8360.8mW Iv:0.0mcd

Scotopic Flux:4708.9Plm Effi.:0.0Plm/W S/P:1.9

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:40397.801umol/s (380-780nm)

Ele. Parameters

Forward Current:If=401.0mA

Reverse Voltage:Vr=5.00V

Forward Voltage:Vf=48.00V

Reverse Current:Ir=0.00uA

Power:P=19.261W

Instrument state

Instrument:Lisun LMS-8000

Integral Time: 68.705ms

VPeak: 13560

VDark: 1197

Scan Range: 380-780nm

Product ID: 201508924

www.orizzonteled.com

IES TM-30-2015 Test Report

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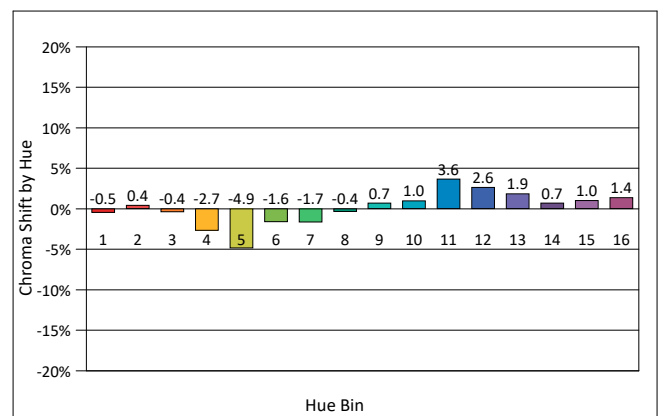
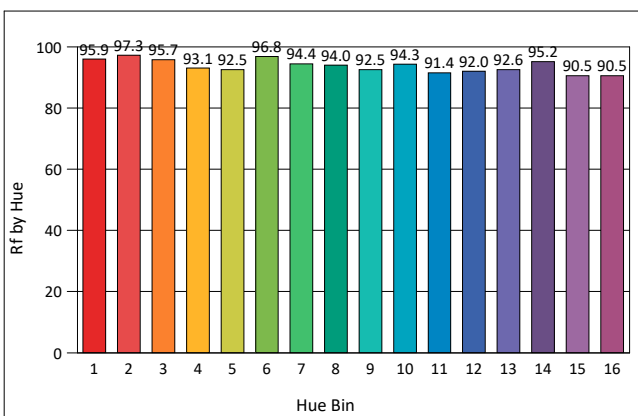
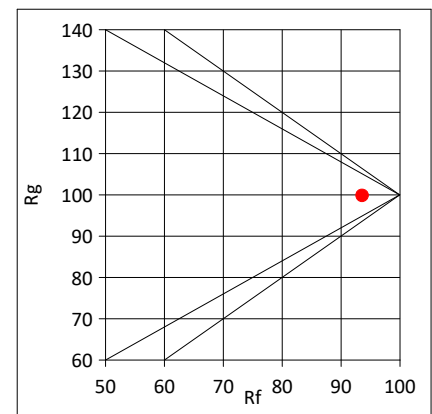
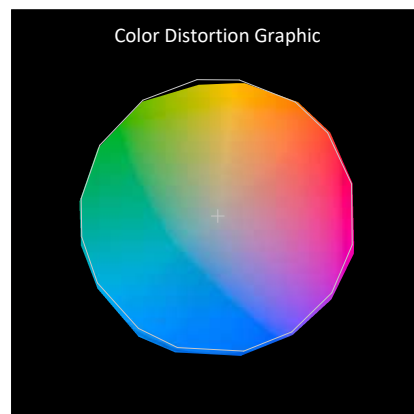
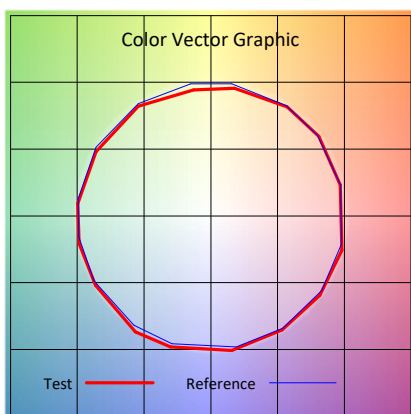
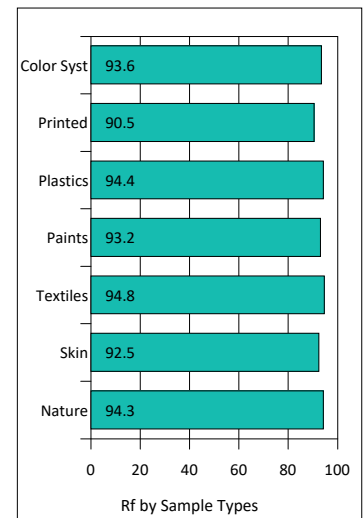
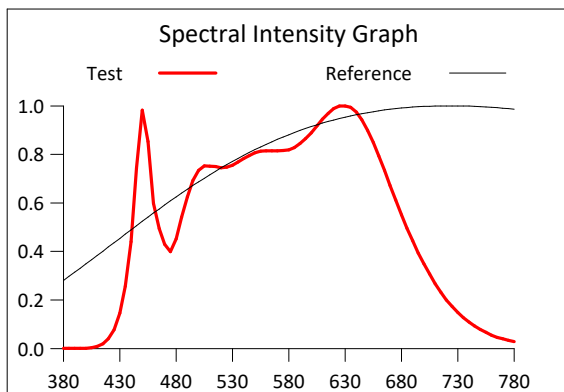
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Rf: 93.6 CCT(K): 4010 u': 0.2240
Rg: 99.8 LER: 280.5 Duv: 0.0016 v': 0.3356

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	95.9	-0.5%	-0.0%
2	97.3	0.4%	-1.0%
3	95.7	-0.4%	-1.3%
4	93.1	-2.7%	-2.9%
5	92.5	-4.9%	-1.1%
6	96.8	-1.6%	1.2%
7	94.4	-1.7%	2.8%
8	94.0	-0.4%	3.4%
9	92.5	0.7%	5.0%
10	94.3	1.0%	3.1%
11	91.4	3.6%	3.6%
12	92.0	2.6%	-0.3%
13	92.6	1.9%	-3.9%
14	95.2	0.7%	-1.3%
15	90.5	1.0%	-3.9%
16	90.5	1.4%	-4.6%



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