

LED Test Report

Product Mark

Product Type : OR400-F52-4800R4

Manufacturer : -

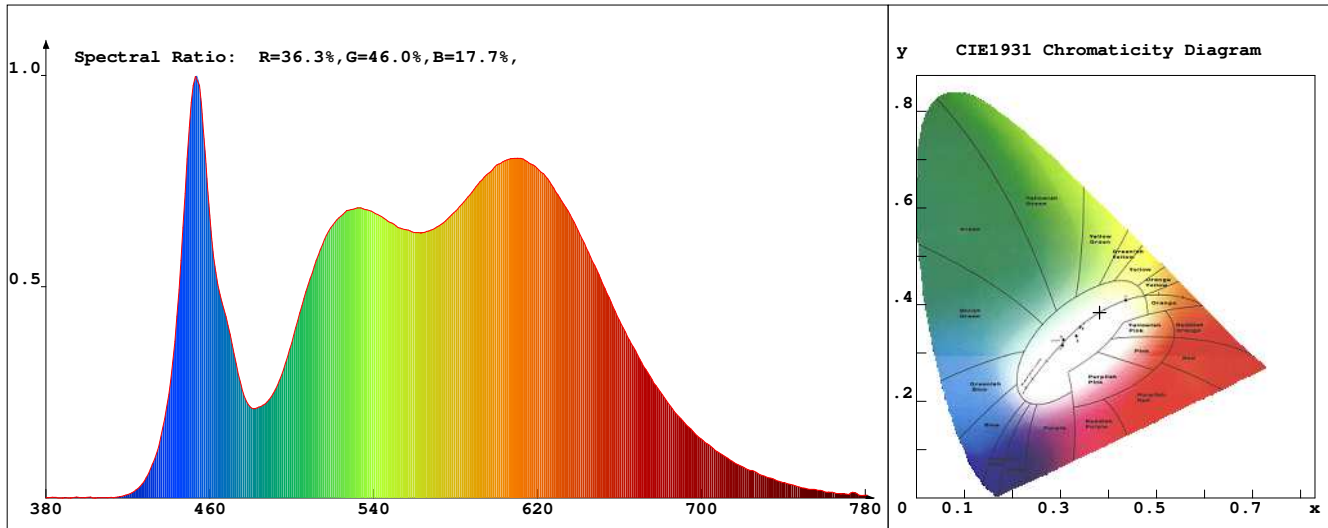
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark:



Chroma Parameters

Chro.Coord.:x=0.3820 y=0.3836 u=0.2234 v=0.3365 duv=0.0027

CCT: 4007K Dominant Wave.:577.7nm Purity:29.8% Centre Wave:453.6nm

Flux RGB Ratio:R=19.0%,G=78.6%,B=2.4% Peak Wave:452.8nm Half Width:19.1nm

Rendering Index:Ra= 89.7 CRI= 86.1

R1 =92 R2 =93 R3 =93 R4 =95 R5 =90 R6 =87 R7 =90 R8 =79

R9 =48 R10=82 R11=95 R12=61 R13=92 R14=95 R15=86

PPF:10.716umol/s (400-700nm)

PRF:2.3mW (400-700nm)

PAR:2.0mW (400-700nm)

Photo Parameters

Flux:777.91lm Effi.:96.2lm/W Radiant:2332.8mW Iv:0.0mcd

Scotopic Flux:1365.3Plm Effi.:0.0Plm/W S/P:1.8

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:11070.600umol/s (380-780nm)

Ele. Parameters

Forward Current:If=170.0mA

Reverse Voltage:Vr=5.00V

Forward Voltage:Vf=47.57V

Reverse Current:Ir=0.00uA

Power:P=8.101W

Instrument state

Instrument:Lisun LMS-8000

Integral Time: 207.940ms

VPeak: 15528

VDark: 1170

Scan Range: 380-780nm

Product ID: 201508924

www.orizzonteled.com

IES TM-30-2015 Test Report

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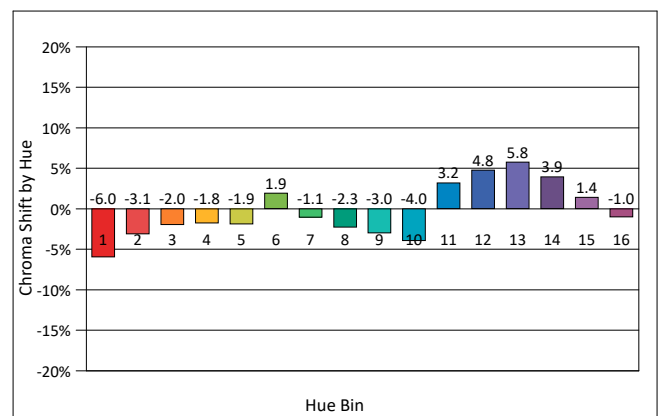
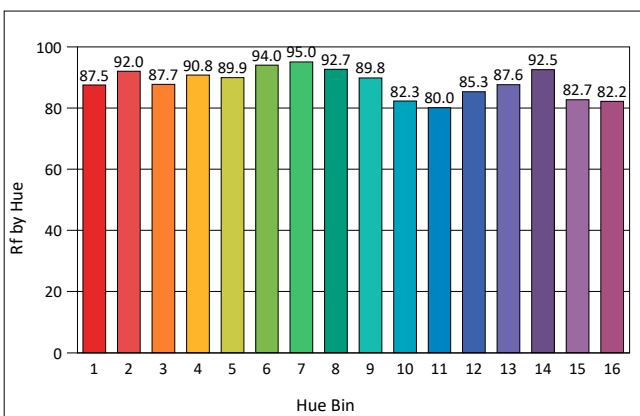
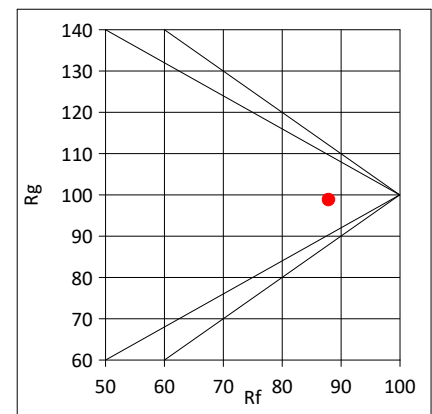
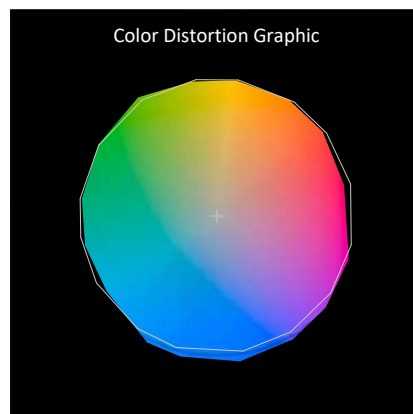
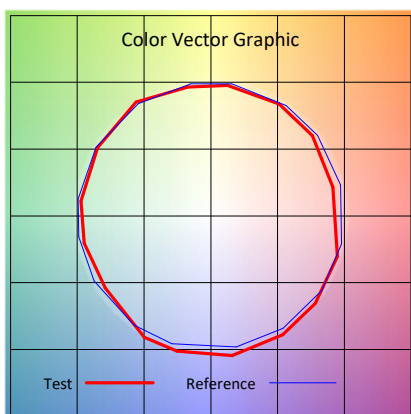
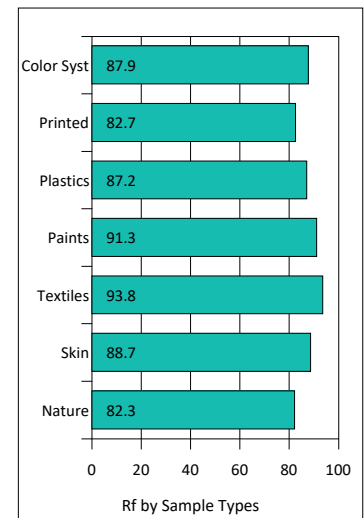
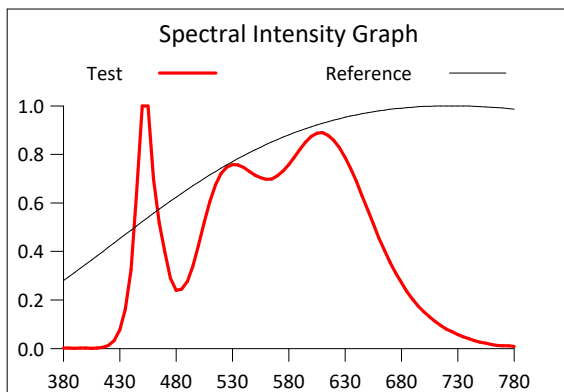
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Rf: 87.9 CCT(K): 4007 u': 0.2234
Rg: 98.8 LER: 318.1 Duv: 0.0027 v': 0.3365

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	87.5	-6.0%	-0.6%
2	92.0	-3.1%	1.9%
3	87.7	-2.0%	5.0%
4	90.8	-1.8%	2.7%
5	89.9	-1.9%	2.6%
6	94.0	1.9%	0.8%
7	95.0	-1.1%	-0.4%
8	92.7	-2.3%	0.8%
9	89.8	-3.0%	5.5%
10	82.3	-4.0%	9.1%
11	80.0	3.2%	11.6%
12	85.3	4.8%	4.9%
13	87.6	5.8%	-4.4%
14	92.5	3.9%	-2.7%
15	82.7	1.4%	-10.7%
16	82.2	-1.0%	-9.7%



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