

LED Test Report

Product Mark

Product Type : OR400-F52-384OR2-W3

Manufacturer : -

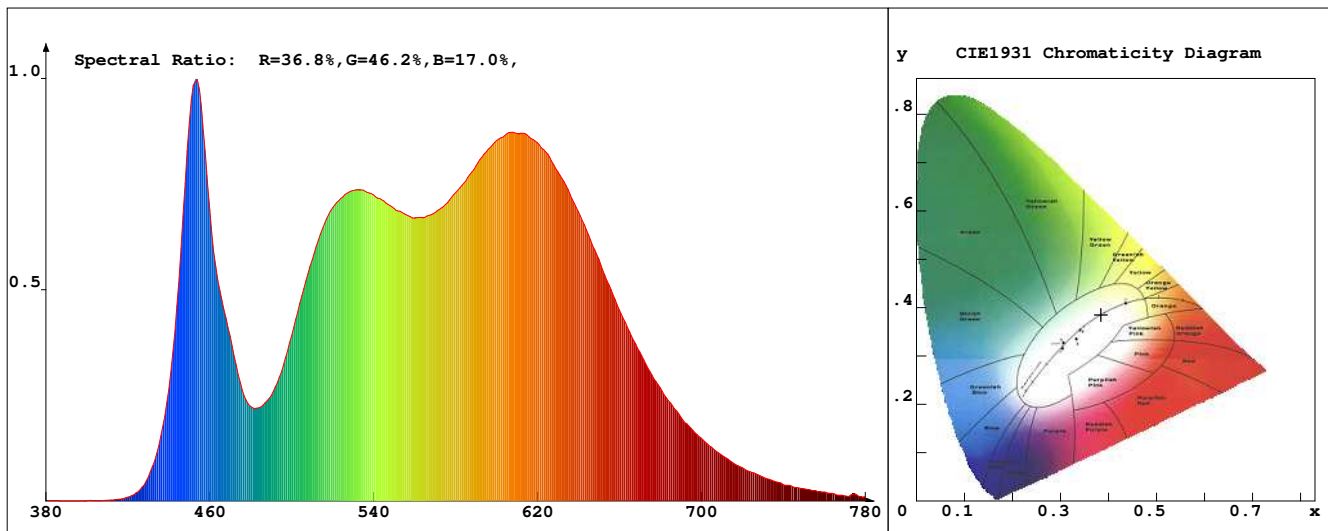
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark:



Chroma Parameters

Chro.Coord.:x=0.3840 y=0.3849 u=0.2242 v=0.3371 duv=0.0027

CCT: 3964K Dominant Wave.:577.8nm Purity:30.8% Centre Wave:453.7nm

Flux RGB Ratio:R=19.2%,G=78.5%,B=2.3% Peak Wave:452.8nm Half Width:20.5nm

Rendering Index:Ra= 91.2 CRI= 87.3

R1 =93 R2 =93 R3 =93 R4 =94 R5 =91 R6 =91 R7 =94 R8 =81

R9 =49 R10=83 R11=94 R12=64 R13=93 R14=95 R15=87

PPF:9.988umol/s (400-700nm)

PRF:2.1mW (400-700nm)

PAR:1.8mW (400-700nm)

Photo Parameters

Flux:711.24lm Effi.:113.0lm/W Radiant:2171.6mW Iv:0.0mcd

Scotopic Flux:1229.9Plm Effi.:0.0Plm/W S/P:1.7

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:10324.800umol/s (380-780nm)

Ele. Parameters

Forward Current:If=266.0mA

Reverse Voltage:Vr=5.00V

Forward Voltage:Vf=23.66V

Reverse Current:Ir=0.00uA

Power:P=6.301W

Instrument state

Instrument:Lisun LMS-8000

Integral Time: 228.612ms

VPeak: 15016

VDark: 1259

Scan Range: 380-780nm

Product ID: 201508924

www.orizzonteled.com

IES TM-30-2015 Test Report

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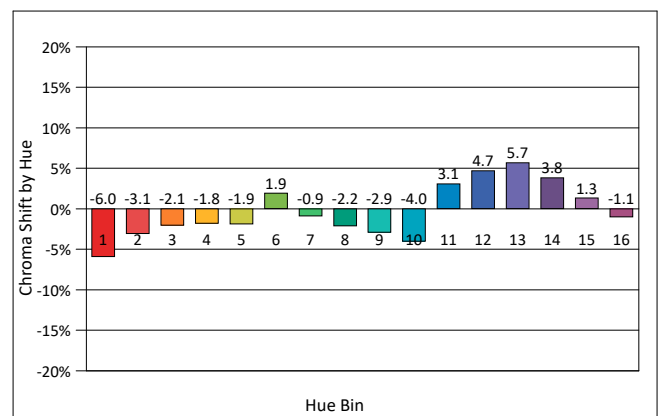
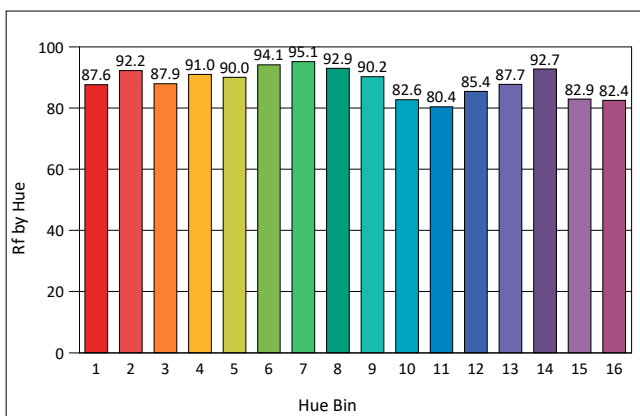
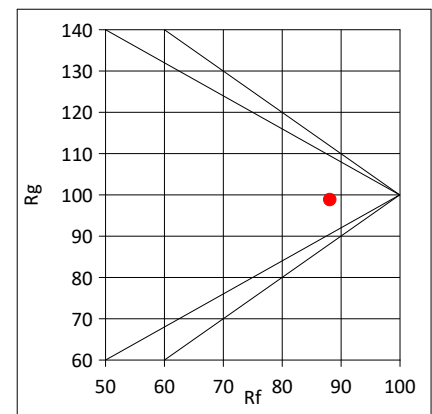
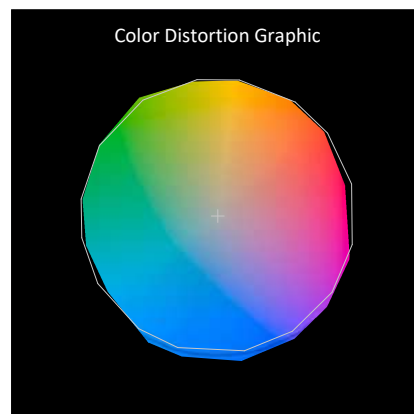
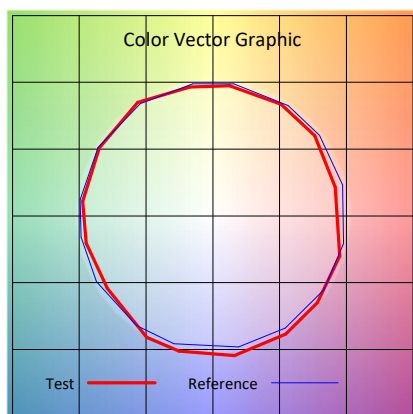
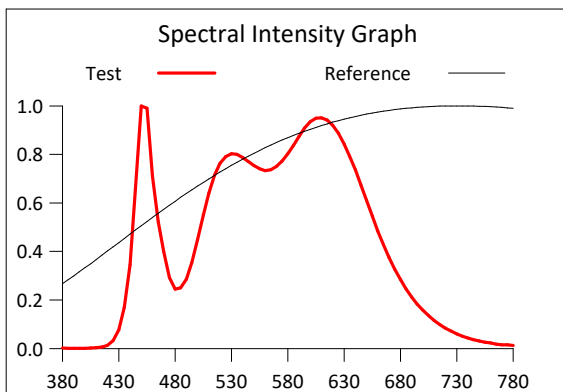
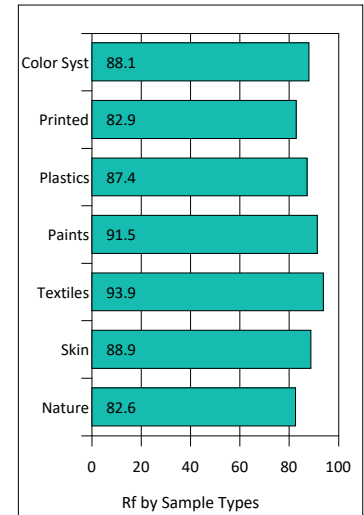
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Rf: 88.1 CCT(K): 3964 u': 0.2242
Rg: 98.8 LER: 319.9 Duv: 0.0027 v': 0.3371

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	87.6	-6.0%	-0.6%
2	92.2	-3.1%	1.9%
3	87.9	-2.1%	4.9%
4	91.0	-1.8%	2.7%
5	90.0	-1.9%	2.7%
6	94.1	1.9%	1.0%
7	95.1	-0.9%	-0.3%
8	92.9	-2.2%	0.8%
9	90.2	-2.9%	5.3%
10	82.6	-4.0%	8.8%
11	80.4	3.1%	11.4%
12	85.4	4.7%	4.8%
13	87.7	5.7%	-4.4%
14	92.7	3.8%	-2.5%
15	82.9	1.3%	-10.6%
16	82.4	-1.1%	-9.6%



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