

LED Test Report

Product Mark

Product Type : OR400-F52-400OR2-W5-S1

Manufacturer : -

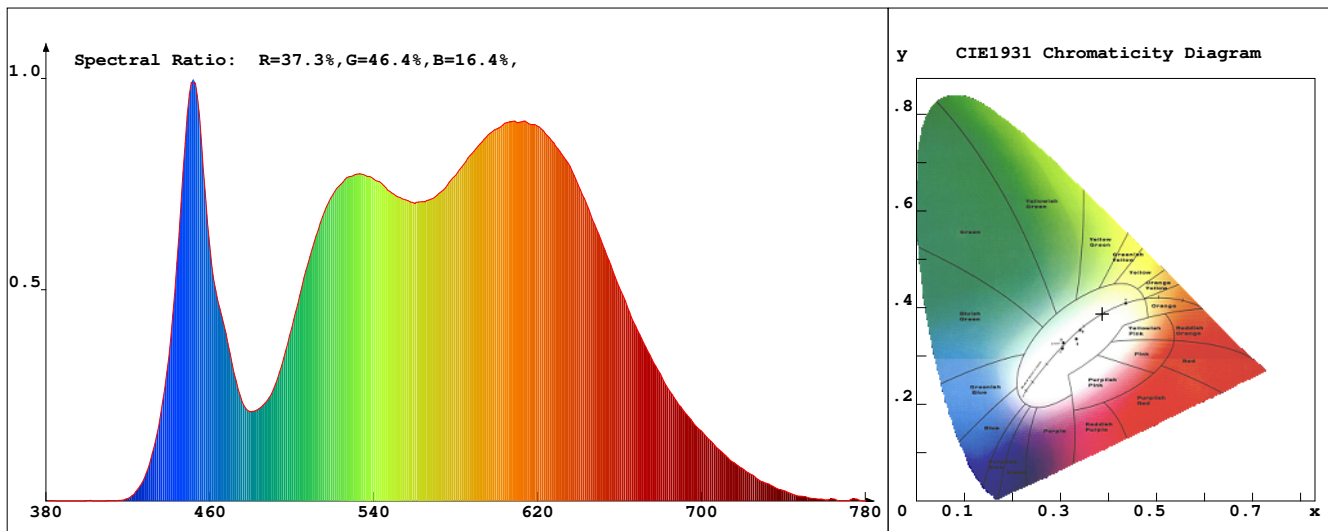
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark:



Chroma Parameters

Chro.Coord.: $x=0.3868$ $y=0.3871$ $u=0.2252$ $v=0.3380$ $duv=0.0030$

CCT: 3909K Dominant Wave.: 578.0nm Purity: 32.3% Centre Wave: 451.8nm

Flux RGB Ratio: R=19.2%, G=78.6%, B=2.1% Peak Wave: 450.6nm Half Width: 19.5nm

Rendering Index: Ra= 90.9 CRI= 87.0

R1 =92 R2 =92 R3 =91 R4 =94 R5 =91 R6 =90 R7 =94 R8 =83

R9 =52 R10=81 R11=93 R12=66 R13=92 R14=95 R15=88

PPF: 11.330 $\mu\text{mol/s}$ (400-700nm)

PRF: 2.4mW (400-700nm)

PAR: 2.1mW (400-700nm)

Photo Parameters

Flux: 978.52lm Effi.: 97.9lm/W Radiant: 2443.6mW Iv: 0.0mcd

Scotopic Flux: 1660.4Plm Effi.: 0.0Plm/W S/P: 1.7

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 11628.100 $\mu\text{mol/s}$ (380-780nm)

Ele. Parameters

Forward Current: $I_f=414.0\text{mA}$ Reverse Voltage: $V_r=5.00\text{V}$ Forward Voltage: $V_f=24.14\text{V}$ Reverse Current: $I_r=0.00\mu\text{A}$ Power: $P=10.001\text{W}$

Instrument state

Instrument: Lisun LMS-8000

Integral Time: 174.920ms

VPeak: 12632

VDark: 1282

Scan Range: 380-780nm

Product ID: 201508924

www.orizzonteled.com

IES TM-30-2015 Test Report

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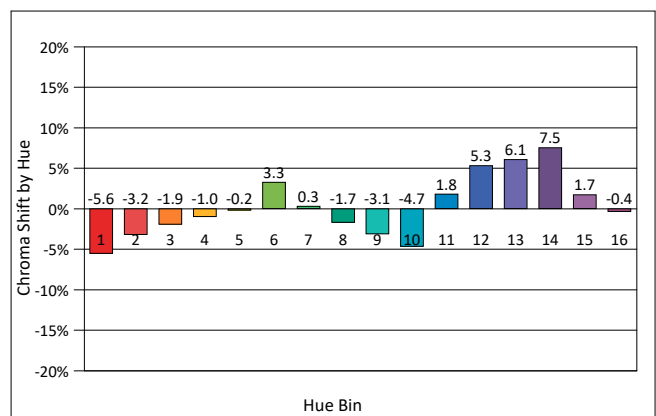
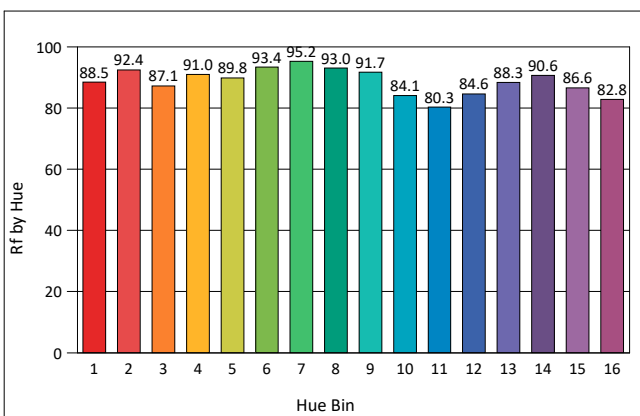
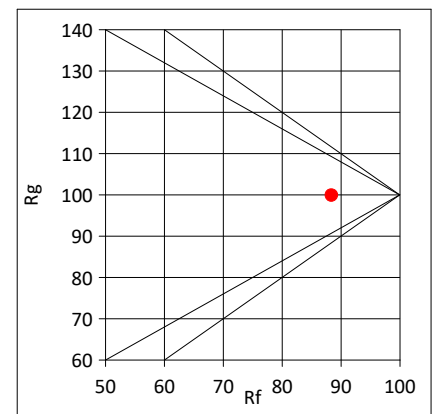
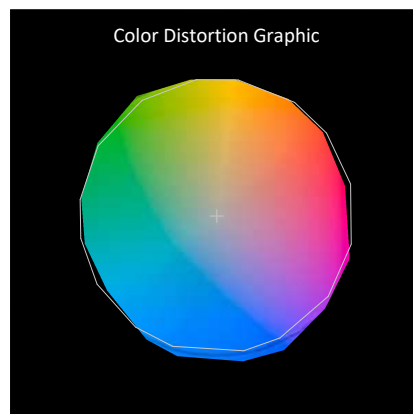
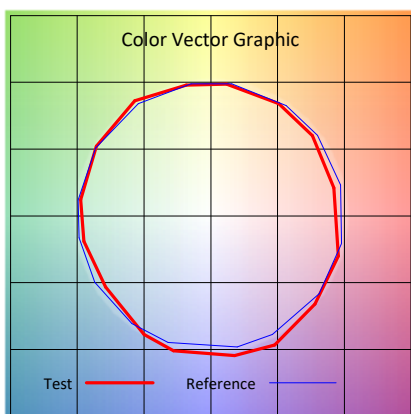
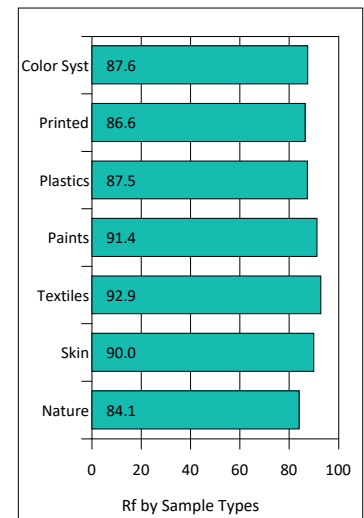
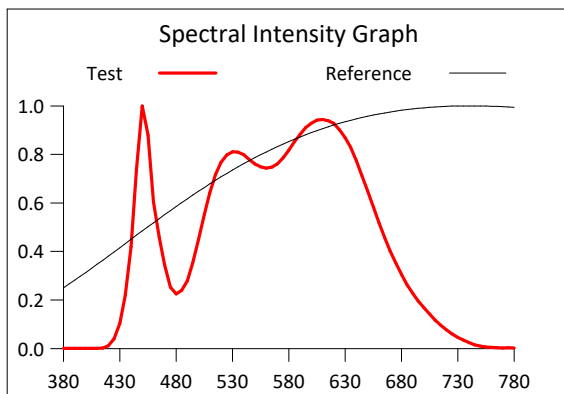
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Rf: 88.4 CCT(K): 3909 u': 0.2252
 Rg: 99.9 LER: 320.8 Duv: 0.0030 v': 0.3380

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	88.5	-5.6%	-1.2%
2	92.4	-3.2%	1.8%
3	87.1	-1.9%	5.5%
4	91.0	-1.0%	3.8%
5	89.8	-0.2%	3.5%
6	93.4	3.3%	0.9%
7	95.2	0.3%	-1.3%
8	93.0	-1.7%	-0.6%
9	91.7	-3.1%	3.3%
10	84.1	-4.7%	7.4%
11	80.3	1.8%	12.0%
12	84.6	5.3%	5.3%
13	88.3	6.1%	-3.0%
14	90.6	7.5%	-2.8%
15	86.6	1.7%	-8.1%
16	82.8	-0.4%	-9.7%



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