

LED Test Report

Product Mark

Product Type : OR600-F52-4000M2-W5

Manufacturer : -

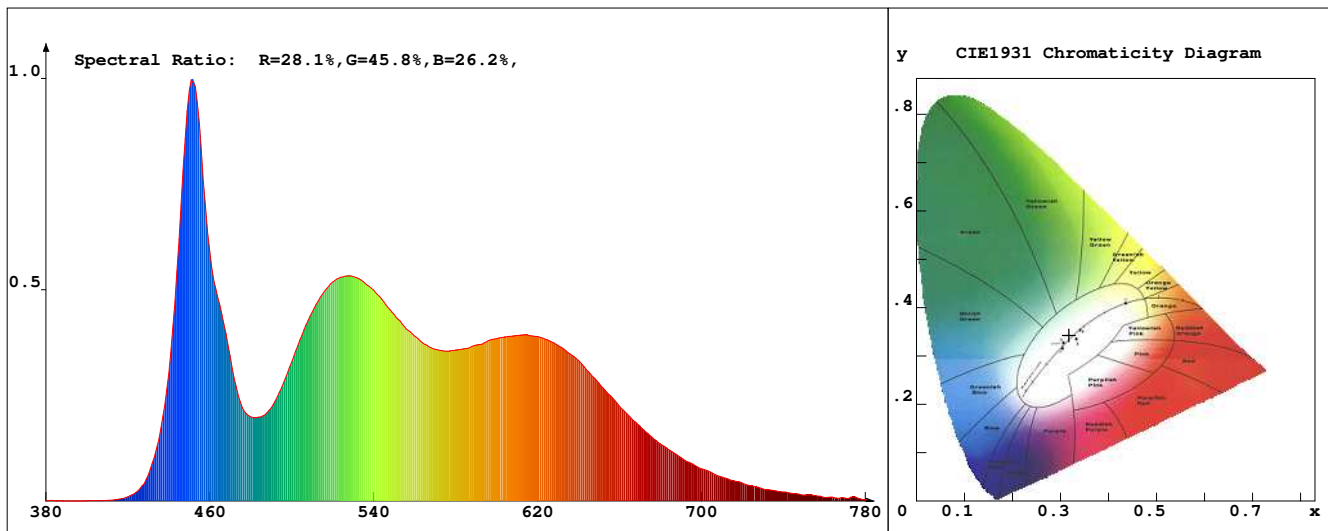
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark :



Chroma Parameters

Chro.Coord.: x=0.3179 y=0.3427 u=0.1963 v=0.3175 duv=0.0075

CCT: 6160K Dominant Wave.: 499.7nm Purity: 4.8% Centre Wave: 452.2nm

Flux RGB Ratio: R=15.1%, G=81.3%, B=3.6% Peak Wave: 450.6nm Half Width: 19.5nm

Rendering Index: Ra= 92.8 CRI= 89.2

R1 =96 R2 =93 R3 =89 R4 =93 R5 =94 R6 =90 R7 =96 R8 =93

R9 =74 R10=81 R11=89 R12=63 R13=95 R14=93 R15=93

PPF: 12.363 $\mu\text{mol/s}$ (400-700nm)

PRF: 2.7mW (400-700nm)

PAR: 2.3mW (400-700nm)

Photo Parameters

Flux: 869.62lm Effi.: 96.6lm/W Radiant: 2770.0mW Iv: 0.0mcd

Scotopic Flux: 1984.0Plm Effi.: 0.0Plm/W S/P: 2.3

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 12723.200 $\mu\text{mol/s}$ (380-780nm)

Ele. Parameters

Forward Current: If=376.0mA

Reverse Voltage: Vr=5.00V

Forward Voltage: Vf=23.94V

Reverse Current: Ir=0.00uA

Power: P=9.011W

Instrument state

Instrument: Lisun LMS-8000

Integral Time: 109.374ms

VPeak: 14584

VDark: 1295

Scan Range: 380-780nm

Product ID: 201508924

www.orizzonteled.com

IES TM-30-2015 Test Report

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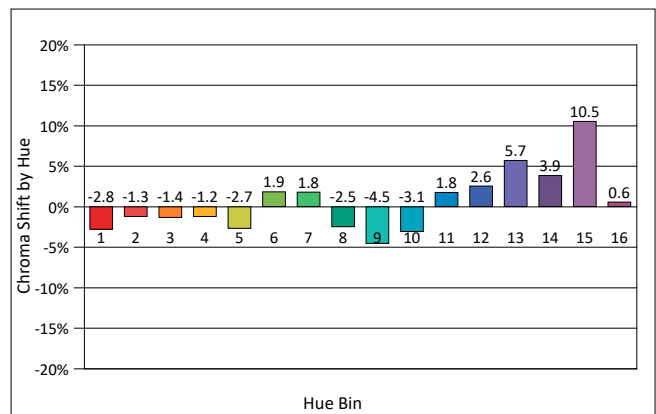
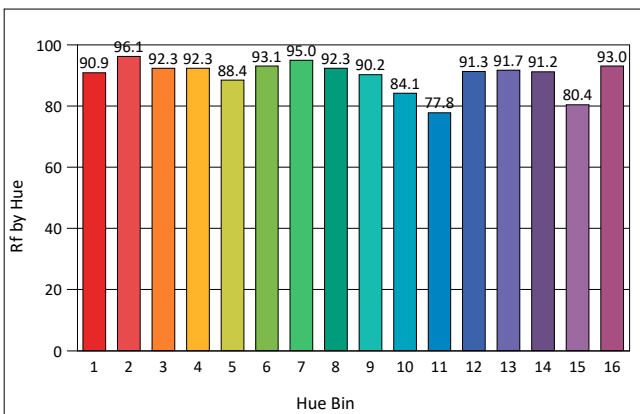
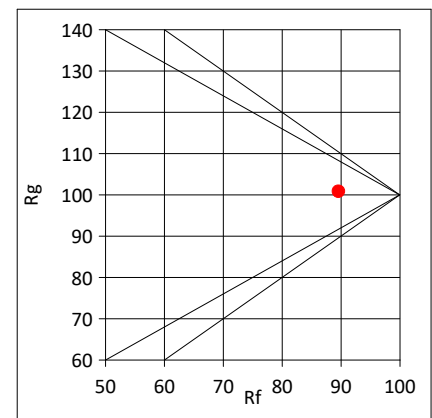
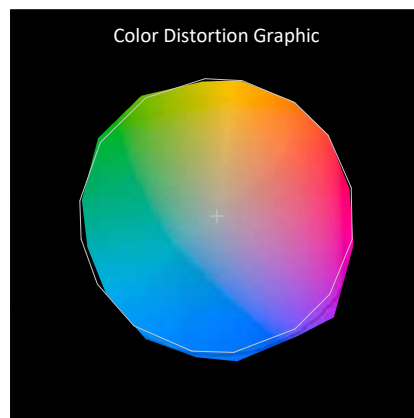
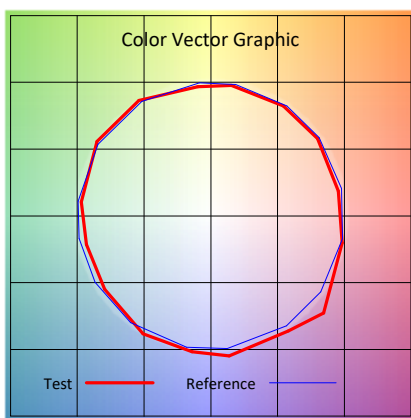
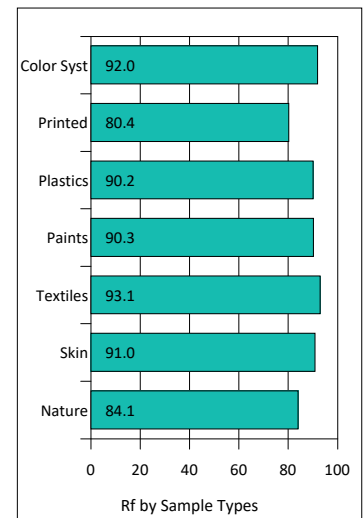
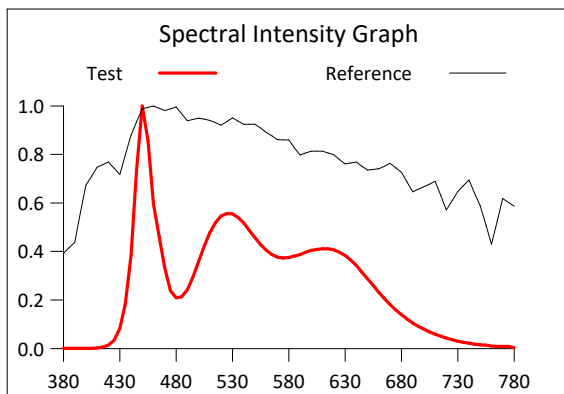
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Rf: 89.6 CCT(K): 6160 u': 0.1963
 Rg: 100.8 LER: 298.4 Duv: 0.0075 v': 0.3175

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	90.9	-2.8%	-1.5%
2	96.1	-1.3%	0.0%
3	92.3	-1.4%	2.2%
4	92.3	-1.2%	2.8%
5	88.4	-2.7%	1.7%
6	93.1	1.9%	1.4%
7	95.0	1.8%	-1.4%
8	92.3	-2.5%	0.0%
9	90.2	-4.5%	5.6%
10	84.1	-3.1%	8.4%
11	77.8	1.8%	12.5%
12	91.3	2.6%	4.6%
13	91.7	5.7%	0.4%
14	91.2	3.9%	-1.0%
15	80.4	10.5%	-11.9%
16	93.0	0.6%	-3.1%



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