

LED Test Report

Product Mark

Product Type : OR600-F52-4800M2

Manufacturer : -

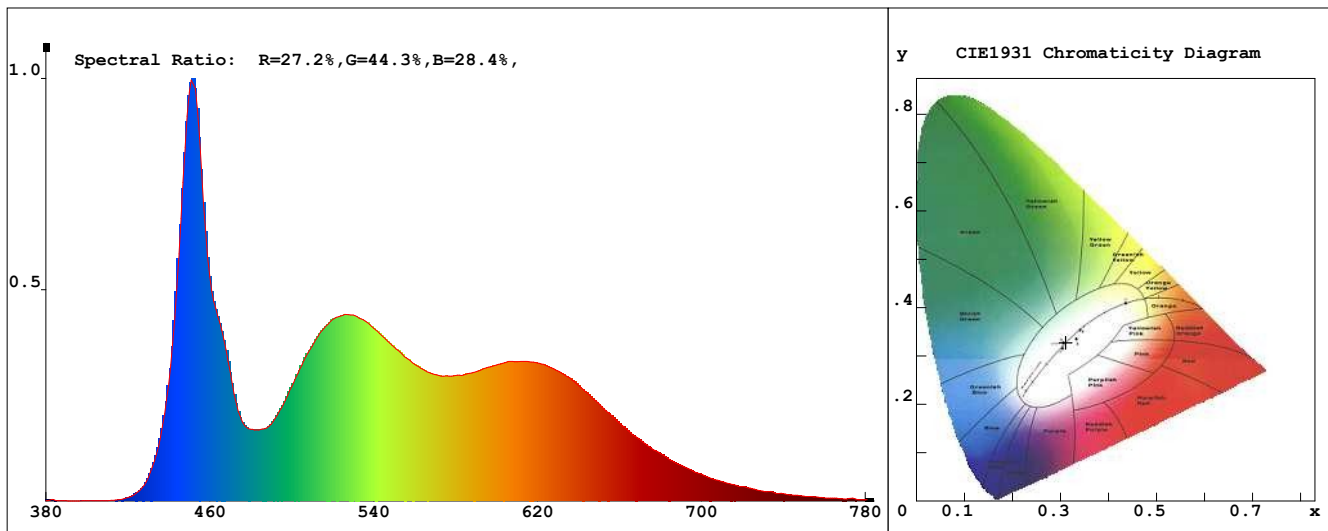
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark:



Chroma Parameters

Chro.Coord.:x=0.3109 y=0.3278 u=0.1970 v=0.3116 duv=0.0035

CCT: 6612K Dominant Wave.:488.5nm Purity:8.0% Centre Wave:451.2nm

Flux RGB Ratio:R=15.2%,G=80.9%,B=4.0% Peak Wave:450.6nm Half Width:16.7nm

Rendering Index:Ra= 93.8 CRI= 91.0

R1 =99 R2 =95 R3 =88 R4 =94 R5 =95 R6 =89 R7 =94 R8 =96

R9 =84 R10=85 R11=89 R12=62 R13=99 R14=93 R15=97

PPF:13.796umol/s (400-700nm)

PRF:3.0mW (400-700nm)

PAR:2.5mW (400-700nm)

Photo Parameters

Flux:951.78lm Effi.:100.2lm/W Radiant:3103.7mW Iv:0.0mcd

Scotopic Flux:2236.7Plm Effi.:0.0Plm/W S/P:2.3

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:14178.200umol/s (380-780nm)

Ele. Parameters

Forward Current:If=399.0mA

Reverse Voltage:Vr=5.00V

Forward Voltage:Vf=23.80V

Reverse Current:Ir=0.00uA

Power:P=9.511W

Instrument state

Instrument:Lisun LMS-8000

Integral Time: 78.197ms

VPeak: 13560

VDark: 1112

Scan Range: 380-780nm

Product ID: 201508924

www.orizzonteled.com

IES TM-30-2015 Test Report

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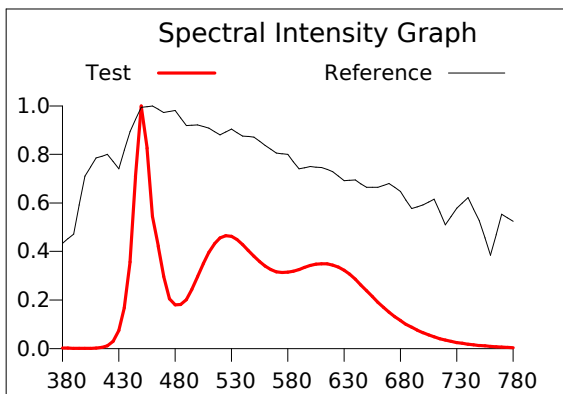
Manufacturer : -

Humidity : -%

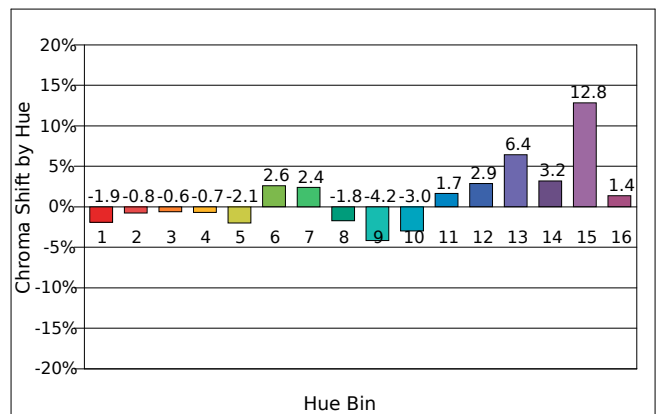
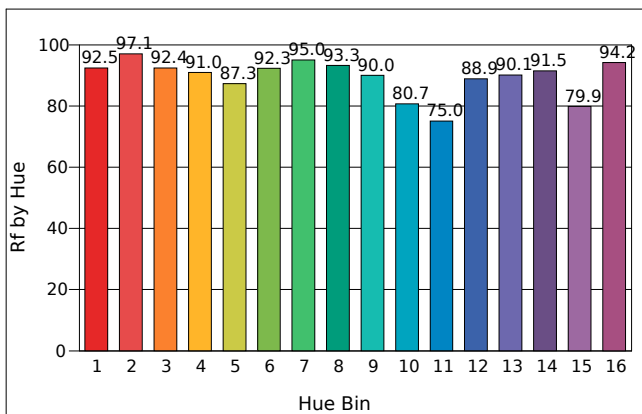
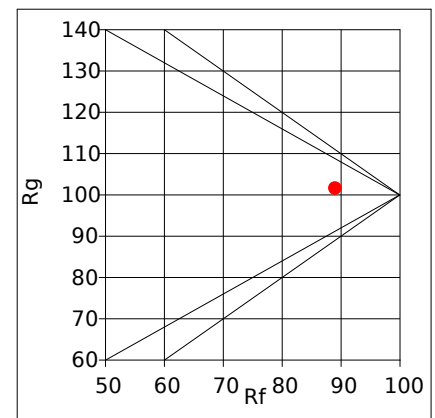
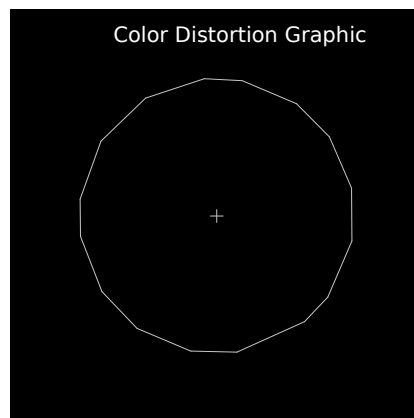
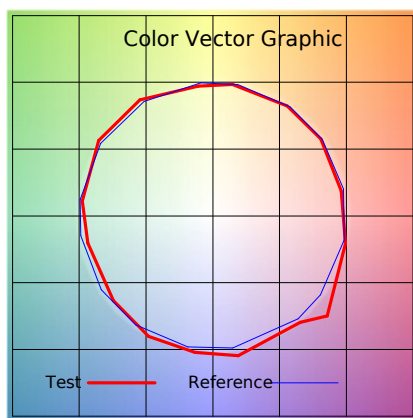
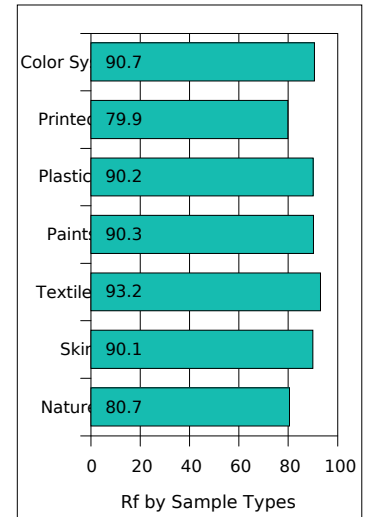
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Rf: 89.0 CCT(K): 6612 u': 0.1970

Rg: 101.6 LER: 290.7 Duv: 0.0035 v': 0.3116



Hue Bin	Graphic Shifts (%)		
	Rf	Chroma	Hue
1	92.5	-1.9%	-1.1%
2	97.1	-0.8%	0.8%
3	92.4	-0.6%	2.4%
4	91.0	-0.7%	3.7%
5	87.3	-2.1%	2.2%
6	92.3	2.6%	1.9%
7	95.0	2.4%	-1.0%
8	93.3	-1.8%	0.7%
9	90.0	-4.2%	6.3%
10	80.7	-3.0%	11.9%
11	75.0	1.7%	12.7%
12	88.9	2.9%	6.2%
13	90.1	6.4%	2.9%
14	91.5	3.2%	-0.1%
15	79.9	12.8%	-10.5%
16	94.2	1.4%	-2.4%



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