

LED Test Report

Product Mark

Product Type : OR300W-U52-4800R2-W3

Manufacturer : -

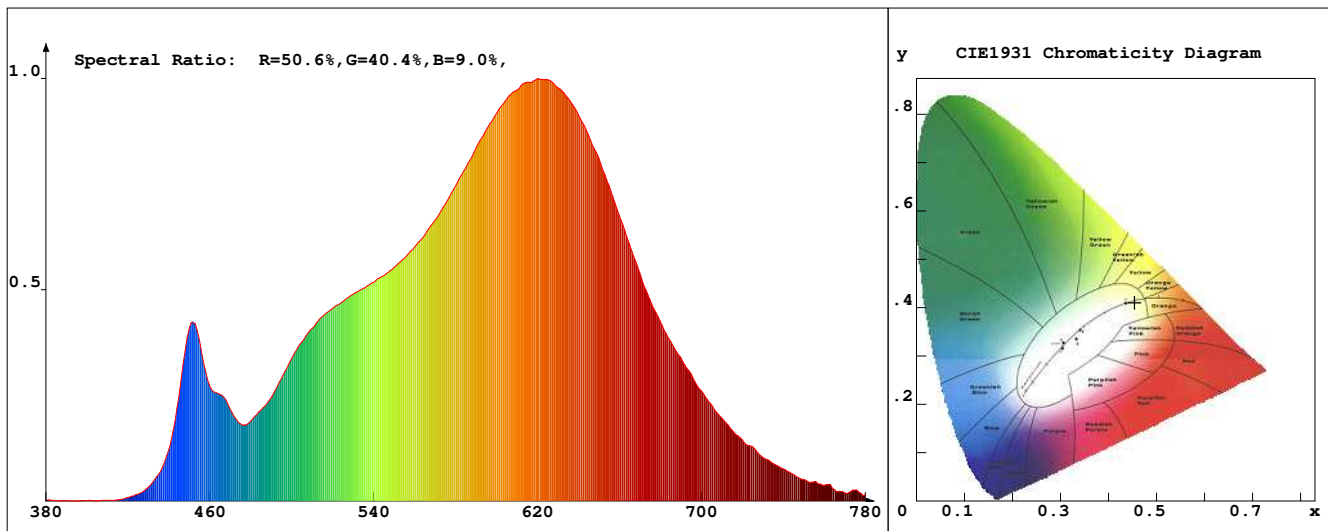
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark :



Chroma Parameters

Chro.Coord.:x=0.4541 y=0.4104 u=0.2589 v=0.3509 duv=0.0004

CCT: 2780K Dominant Wave.:583.7nm Purity:59.5% Centre Wave:603.5nm

Flux RGB Ratio:R=24.9%,G=73.5%,B=1.6% Peak Wave:619.5nm Half Width:135.9nm

Rendering Index:Ra= 92.0 CRI= 90.0

R1 =92 R2 =96 R3 =99 R4 =94 R5 =94 R6 =96 R7 =89 R8 =76

R9 =50 R10=92 R11=97 R12=85 R13=93 R14=100 R15=86

PPF:4.134umol/s (400-700nm)

PRF:0.8mW (400-700nm)

PAR:0.7mW (400-700nm)

Photo Parameters

Flux:271.54lm Effi.:49.6lm/W Radiant:883.8mW Iv:0.0mcd

Scotopic Flux:361.7Plm Effi.:0.0Plm/W S/P:1.3

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:4385.510umol/s (380-780nm)

Ele. Parameters

Forward Current:If=228.0mA

Reverse Voltage:Vr=5.00V

Forward Voltage:Vf=24.02V

Reverse Current:Ir=0.00uA

Power:P=5.501W

Instrument state

Instrument:Lisun LMS-8000

Integral Time: 521.444ms

VPeak: 13288

VDark: 1368

Scan Range: 380-780nm

Product ID: 201508924

www.orizzonteled.com

IES TM-30-2015 Test Report

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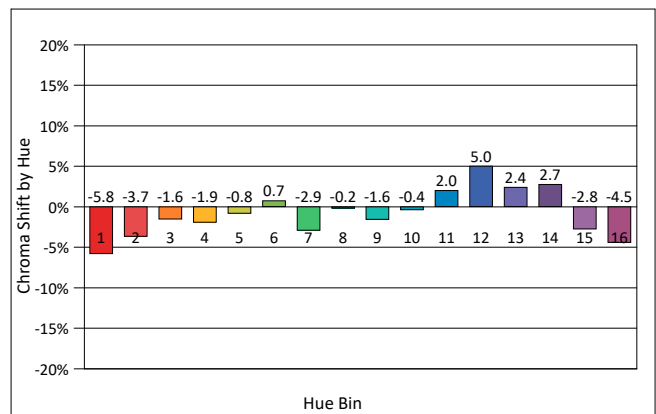
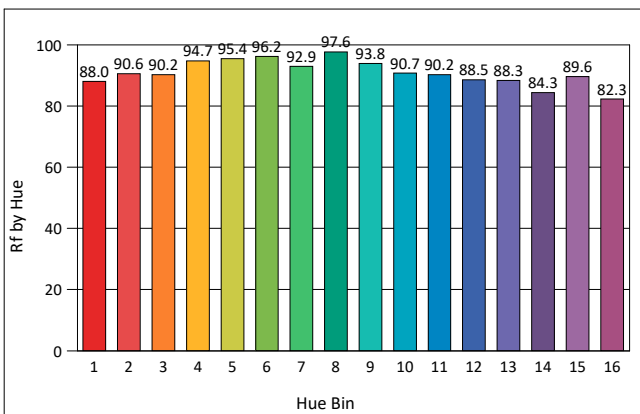
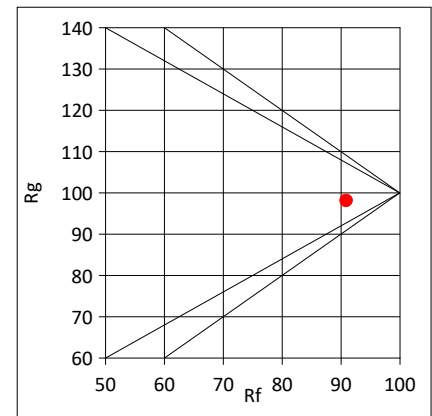
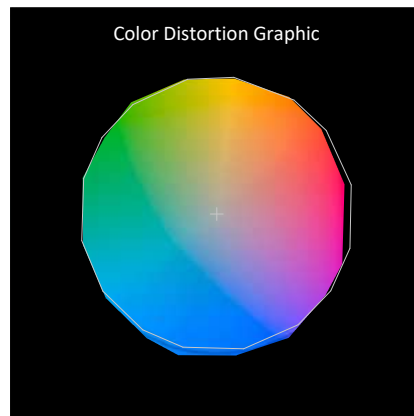
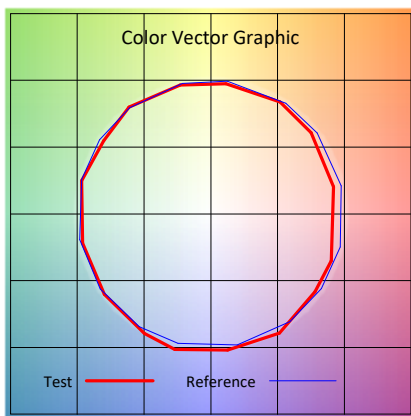
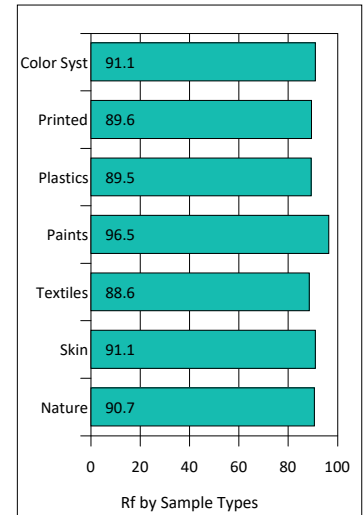
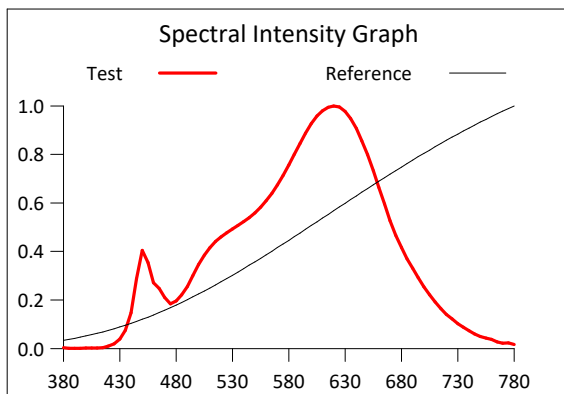
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Rf: 90.9 CCT(K): 2780 u': 0.2589
 Rg: 98.1 LER: 298.9 Duv: 0.0004 v': 0.3509

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	88.0	-5.8%	0.3%
2	90.6	-3.7%	2.8%
3	90.2	-1.6%	4.2%
4	94.7	-1.9%	0.7%
5	95.4	-0.8%	1.9%
6	96.2	0.7%	0.1%
7	92.9	-2.9%	-1.1%
8	97.6	-0.2%	0.8%
9	93.8	-1.6%	2.9%
10	90.7	-0.4%	5.0%
11	90.2	2.0%	6.0%
12	88.5	5.0%	-1.5%
13	88.3	2.4%	-7.7%
14	84.3	2.7%	-11.3%
15	89.6	-2.8%	-4.6%
16	82.3	-4.5%	-11.4%



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