

LED Test Report

Product Mark

Product Type : OR400W-U52-4800R2-W3

Manufacturer : -

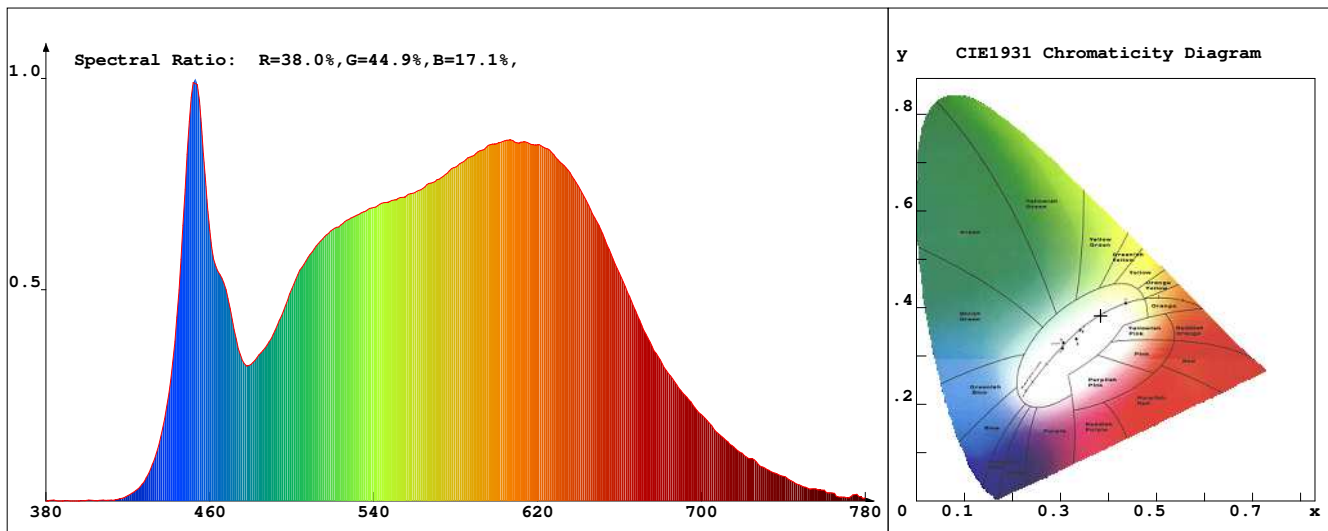
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark :



Chroma Parameters

Chro.Coord.:x=0.3837 y=0.3832 u=0.2247 v=0.3366 duv=0.0020

CCT: 3960K Dominant Wave.:578.2nm Purity:30.2% Centre Wave:455.5nm

Flux RGB Ratio:R=18.9%,G=78.4%,B=2.7% Peak Wave:451.6nm Half Width:22.9nm

Rendering Index:Ra= 92.0 CRI= 88.8

R1 =92 R2 =96 R3 =98 R4 =92 R5 =91 R6 =93 R7 =93 R8 =82

R9 =55 R10=88 R11=93 R12=70 R13=93 R14=99 R15=88

PPF:5.067umol/s (400-700nm)

PRF:1.1mW (400-700nm)

PAR:0.9mW (400-700nm)

Photo Parameters

Flux:353.33lm Effi.:64.3lm/W Radiant:1106.3mW Iv:0.0mcd

Scotopic Flux:625.3Plm Effi.:0.0Plm/W S/P:1.8

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:5283.760umol/s (380-780nm)

Ele. Parameters

Forward Current:If=229.0mA

Reverse Voltage:Vr=5.00V

Forward Voltage:Vf=24.00V

Reverse Current:Ir=0.00uA

Power:P=5.510W

Instrument state

Instrument:Lisun LMS-8000

Integral Time: 406.131ms

VPeak: 13208

VDark: 1478

Scan Range: 380-780nm

Product ID: 201508924

www.orizzonteled.com

IES TM-30-2015 Test Report

Product Mark

Product Type : OR400W-U52-4800R2-W3

Temperature : 'C

Operator : -

Remark :

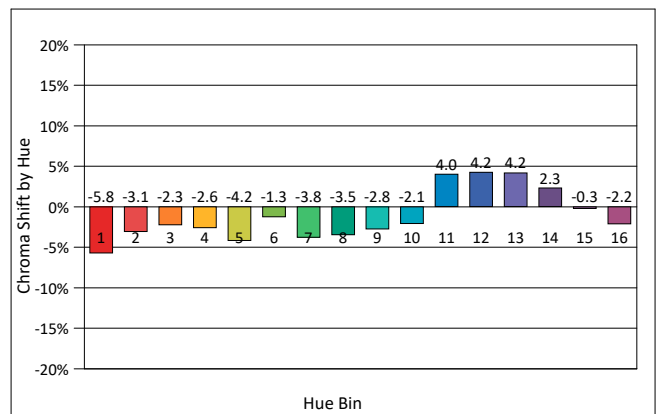
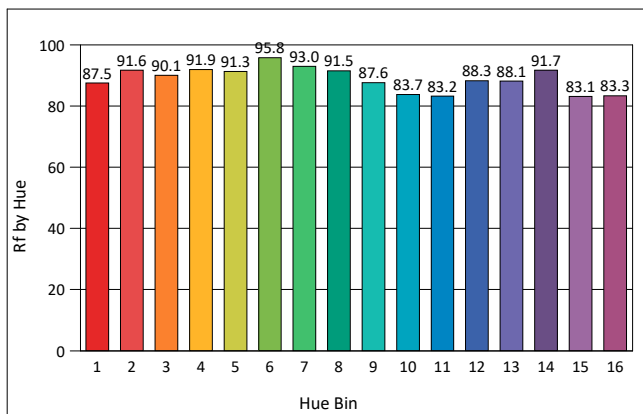
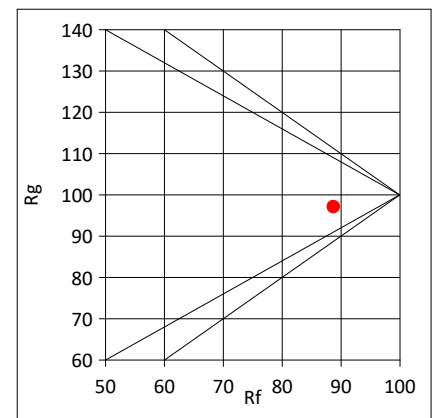
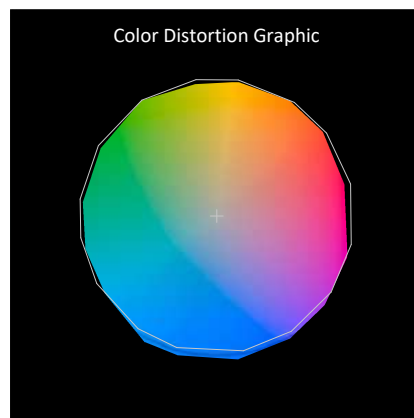
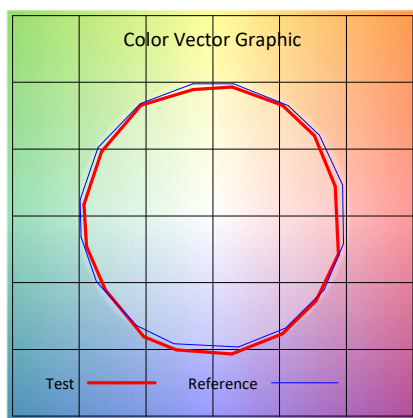
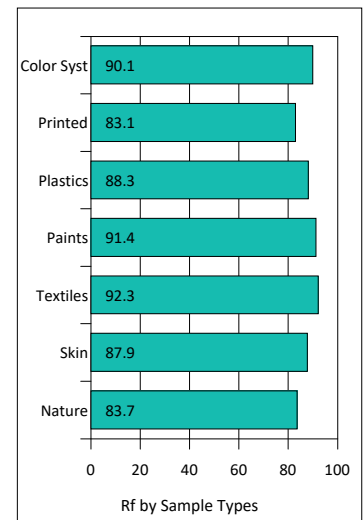
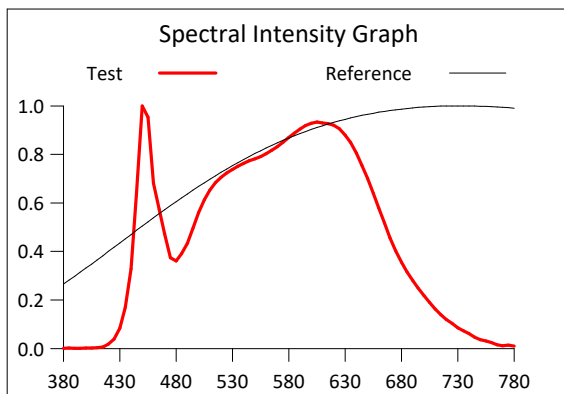
Manufacturer : -

Humidity : -%

Test Date : 2025-03-20

Rf: 88.7 CCT(K): 3960 u': 0.2247
 Rg: 97.1 LER: 308.1 Duv: 0.0020 v': 0.3366

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	87.5	-5.8%	0.2%
2	91.6	-3.1%	2.0%
3	90.1	-2.3%	3.7%
4	91.9	-2.6%	0.7%
5	91.3	-4.2%	0.7%
6	95.8	-1.3%	0.1%
7	93.0	-3.8%	1.1%
8	91.5	-3.5%	3.0%
9	87.6	-2.8%	7.7%
10	83.7	-2.1%	9.0%
11	83.2	4.0%	9.3%
12	88.3	4.2%	2.4%
13	88.1	4.2%	-6.0%
14	91.7	2.3%	-4.3%
15	83.1	-0.3%	-10.0%
16	83.3	-2.2%	-8.3%



IES TM-30-2015 Test Report

Product Mark

Product Type : OR400W-U52-480OR2-W3

Manufacturer : -

Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark :

