

LED Test Report

Product Mark

Product Type : OR270W-U52-480OR2-W3

Manufacturer : -

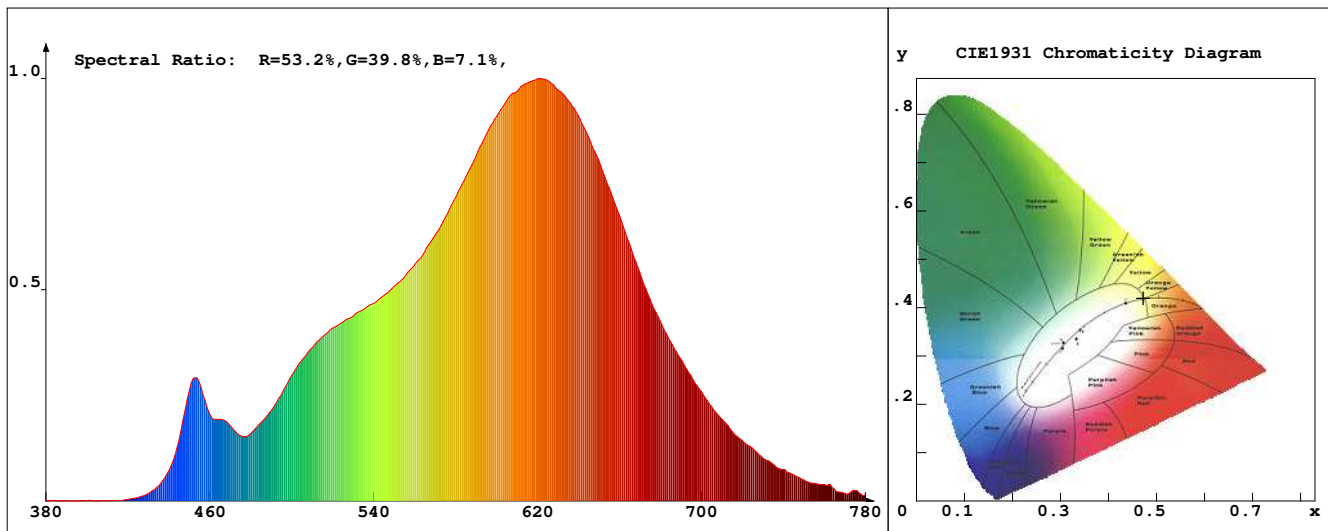
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark :



Chroma Parameters

Chro.Coord.:x=0.4724 y=0.4193 u=0.2666 v=0.3550 duv=0.0022

CCT: 2599K Dominant Wave.:584.1nm Purity:67.7% Centre Wave:610.2nm

Flux RGB Ratio:R=26.2%,G=72.5%,B=1.3% Peak Wave:620.6nm Half Width:123.0nm

Rendering Index:Ra= 91.1 CRI= 89.1

R1 =91 R2 =96 R3 =98 R4 =92 R5 =92 R6 =98 R7 =88 R8 =74

R9 =44 R10=92 R11=95 R12=86 R13=92 R14=100 R15=84

PPF:4.344umol/s (400-700nm)

PRF:0.9mW (400-700nm)

PAR:0.8mW (400-700nm)

Photo Parameters

Flux:285.14lm Effi.:52.0lm/W Radiant:923.0mW Iv:0.0mcd

Scotopic Flux:350.8Plm Effi.:0.0Plm/W S/P:1.2

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:4617.590umol/s (380-780nm)

Ele. Parameters

Forward Current:If=229.0mA

Reverse Voltage:Vr=5.00V

Forward Voltage:Vf=23.94V

Reverse Current:Ir=0.00uA

Power:P=5.501W

Instrument state

Instrument:Lisun LMS-8000

Integral Time: 521.444ms

VPeak: 14440

VDark: 1340

Scan Range: 380-780nm

Product ID: 201508924

www.orizzonteled.com

IES TM-30-2015 Test Report

Product Mark

Product Type : OR270W-U52-4800R2-W3

Temperature : 'C

Operator : -

Remark :

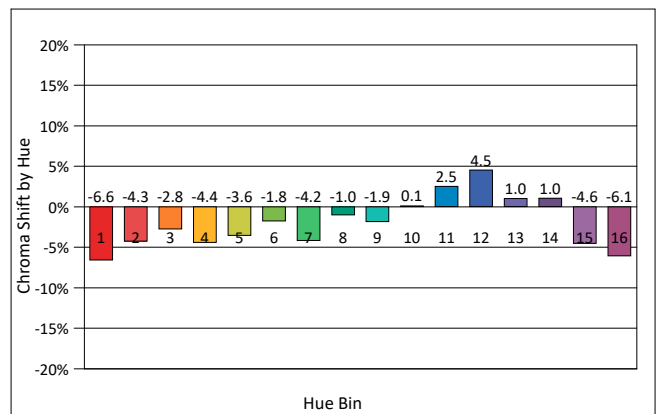
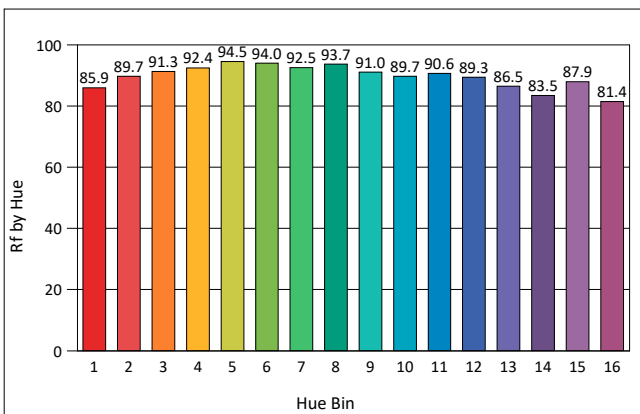
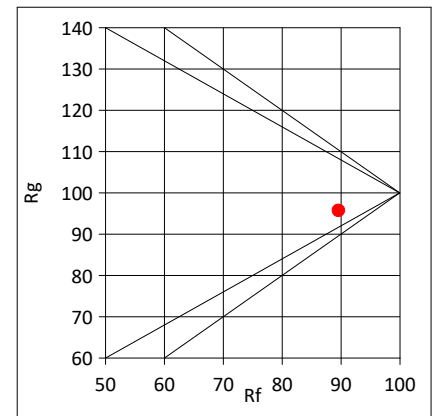
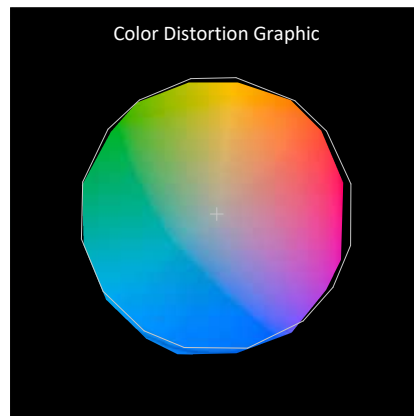
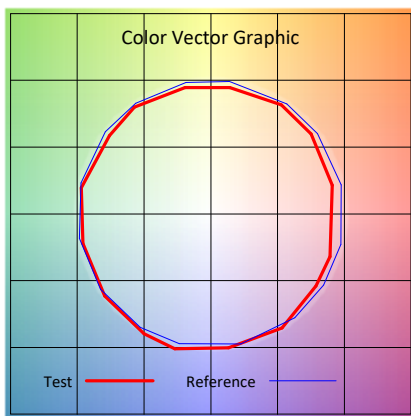
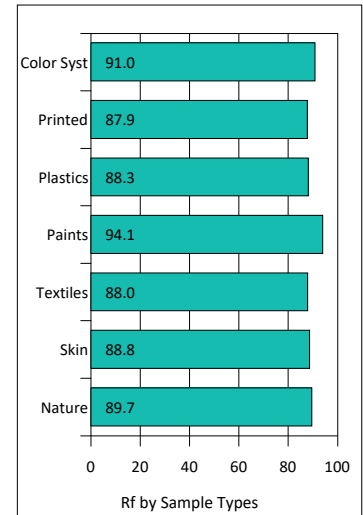
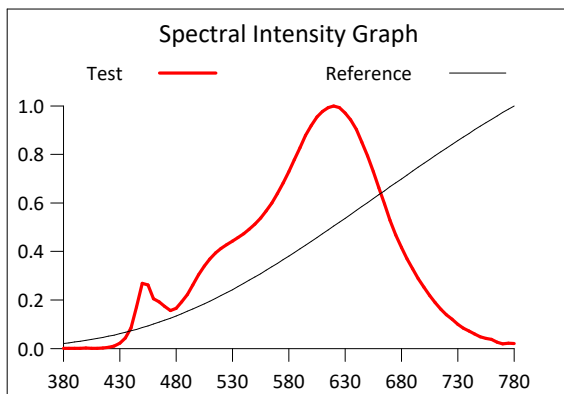
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Rf: 89.6 CCT(K): 2599 u': 0.2666
Rg: 95.7 LER: 299.4 Duv: 0.0022 v': 0.3550

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	85.9	-6.6%	1.0%
2	89.7	-4.3%	2.4%
3	91.3	-2.8%	2.9%
4	92.4	-4.4%	-0.9%
5	94.5	-3.6%	1.4%
6	94.0	-1.8%	2.4%
7	92.5	-4.2%	0.6%
8	93.7	-1.0%	3.5%
9	91.0	-1.9%	4.4%
10	89.7	0.1%	5.9%
11	90.6	2.5%	5.0%
12	89.3	4.5%	-2.6%
13	86.5	1.0%	-9.5%
14	83.5	1.0%	-12.2%
15	87.9	-4.6%	-3.7%
16	81.4	-6.1%	-10.5%



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