

LED Test Report

Product Mark

Product Type : OR300-F52-400OR2-W5-S1

Manufacturer : -

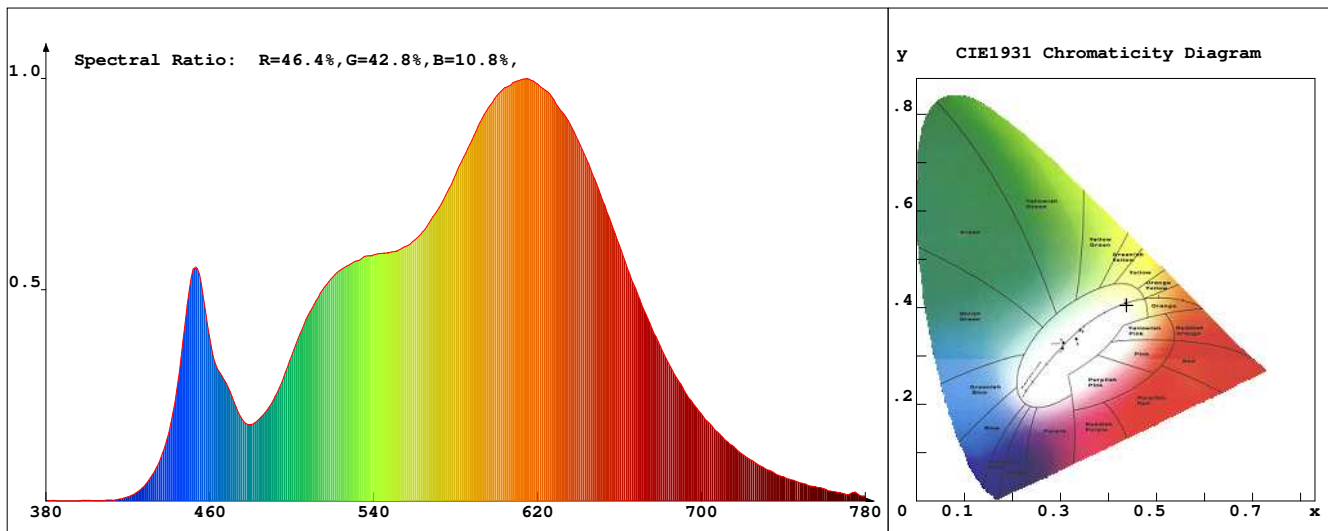
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2026-09-01

Remark:



Chroma Parameters

Chro.Coord.:x=0.4375 y=0.4049 u=0.2506 v=0.3479 duv=0.0002

CCT: 2997K Dominant Wave.:582.7nm Purity:52.9% Centre Wave:590.6nm

Flux RGB Ratio:R=23.4%,G=74.9%,B=1.7% Peak Wave:613.6nm Half Width:152.8nm

Rendering Index:Ra= 91.7 CRI= 89.1

R1 =92 R2 =96 R3 =99 R4 =94 R5 =93 R6 =96 R7 =89 R8 =75

R9 =44 R10=90 R11=96 R12=81 R13=93 R14=99 R15=85

PPF:15.809umol/s (400-700nm)

PRF:3.3mW (400-700nm)

PAR:2.9mW (400-700nm)

Photo Parameters

Flux:1090.11lm Effi.:110.7lm/W Radiant:3377.3mW Iv:0.0mcd

Scotopic Flux:1534.2Plm Effi.:0.0Plm/W S/P:1.4

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:16550.600umol/s (380-780nm)

Ele. Parameters

Forward Current:If=410.0mA

Reverse Voltage:Vr=5.00V

Forward Voltage:Vf=24.03V

Reverse Current:Ir=0.00uA

Power:P=9.881W

Instrument state

Instrument:Lisun LMS-8000

Integral Time: 180.166ms

VPeak: 15384

VDark: 1258

Scan Range: 380-780nm

Product ID: 201508924

www.orizzonteled.com

IES TM-30-2015 Test Report

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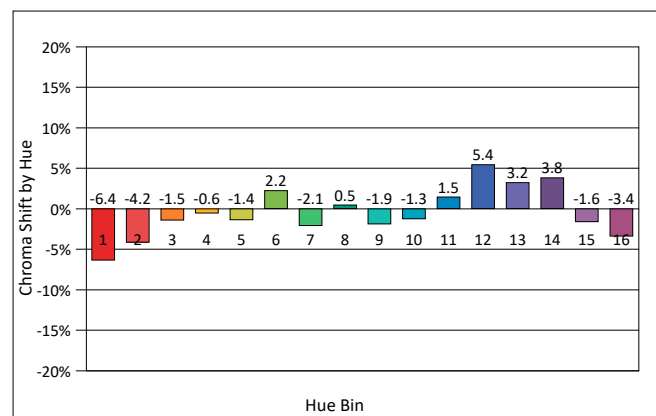
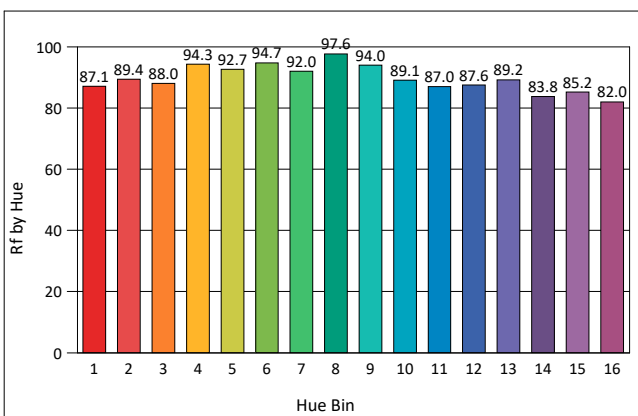
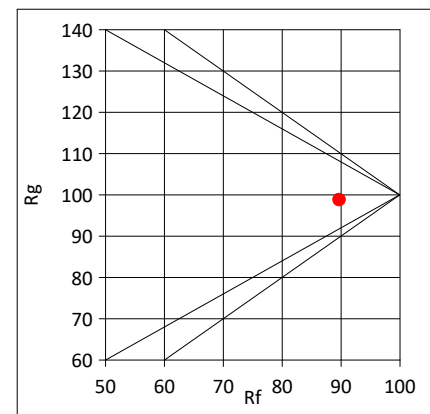
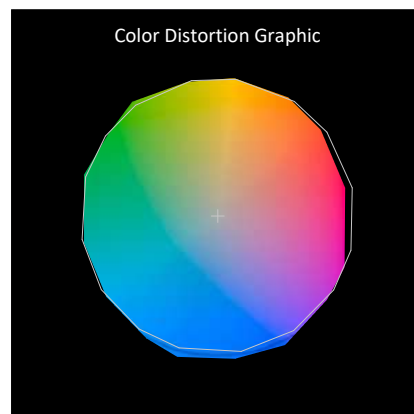
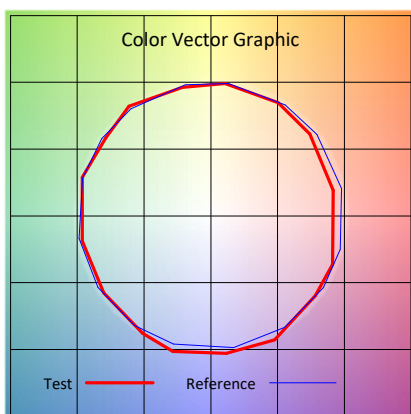
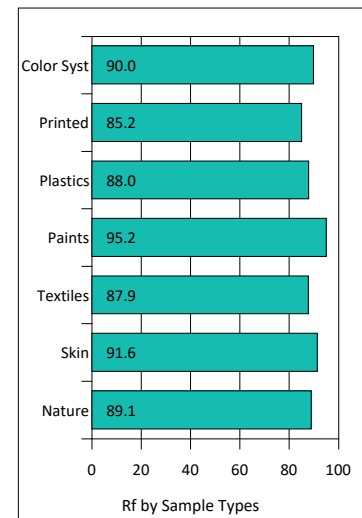
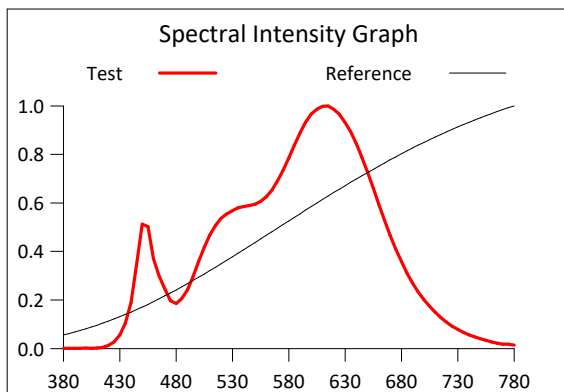
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Rf: 89.7 CCT(K): 2997 u': 0.2506
 Rg: 98.8 LER: 311.2 Duv: 0.0002 v': 0.3479

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	87.1	-6.4%	-0.0%
2	89.4	-4.2%	3.3%
3	88.0	-1.5%	5.3%
4	94.3	-0.6%	2.3%
5	92.7	-1.4%	2.6%
6	94.7	2.2%	0.2%
7	92.0	-2.1%	-2.1%
8	97.6	0.5%	-0.4%
9	94.0	-1.9%	2.4%
10	89.1	-1.3%	5.8%
11	87.0	1.5%	8.2%
12	87.6	5.4%	0.5%
13	89.2	3.2%	-6.3%
14	83.8	3.8%	-11.4%
15	85.2	-1.6%	-8.2%
16	82.0	-3.4%	-12.3%



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