

LED Test Report

Product Mark

Product Type : OR400-F52-600OR2

Manufacturer : -

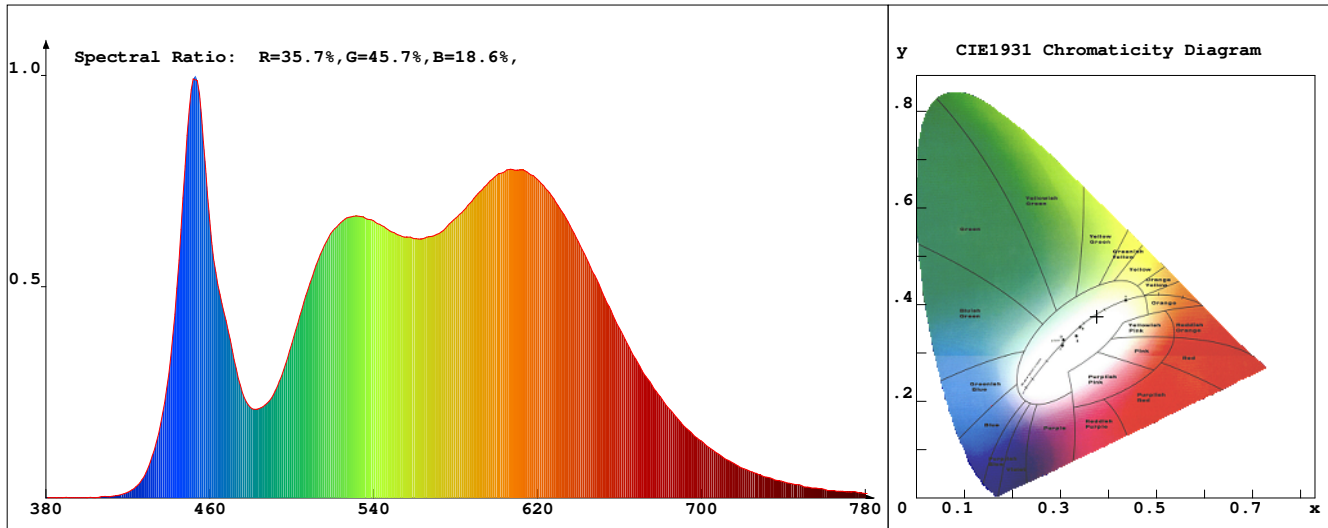
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark :



Chroma Parameters

Chro.Coord.:x=0.3758 y=0.3753 u=0.2227 v=0.3335 duv=0.0007

CCT: 4118K Dominant Wave.:578.2nm Purity:25.4% Centre Wave:453.1nm

Flux RGB Ratio:R=18.8%,G=78.7%,B=2.5% Peak Wave:451.6nm Half Width:20.1nm

Rendering Index:Ra= 91.4 CRI= 87.6

R1 =93 R2 =94 R3 =93 R4 =94 R5 =92 R6 =91 R7 =93 R8 =82

R9 =51 R10=83 R11=93 R12=65 R13=94 R14=95 R15=89

PPF:28.267umol/s (400-700nm)

PRF: 6.0mW (400-700nm)

PAR: 5.2mW (400-700nm)

Photo Parameters

Flux:2044.62lm Effi.:89.2lm/W Radiant:6178.5mW Iv:0.0mcd

Scotopic Flux:3641.3Plm Effi.:0.0Plm/W S/P:1.8

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:29243.801umol/s (380-780nm)

Ele. Parameters

Forward Current:If=955.0mA

Reverse Voltage:Vr=5.00V

Forward Voltage:Vf=24.00V

Reverse Current:Ir=0.00uA

Power:P=22.951W

Instrument state

Instrument:Lisun LMS-8000

Integral Time: 75.337ms

VPeak: 15096

VDark: 1087

Scan Range: 380-780nm

Product ID: 201508924

www.orizzonteled.com

IES TM-30-2015 Test Report

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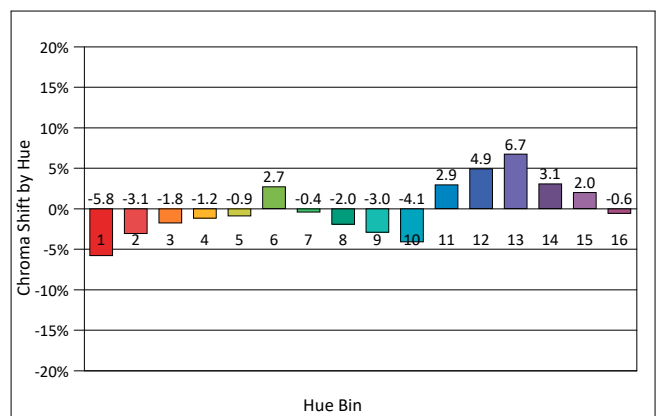
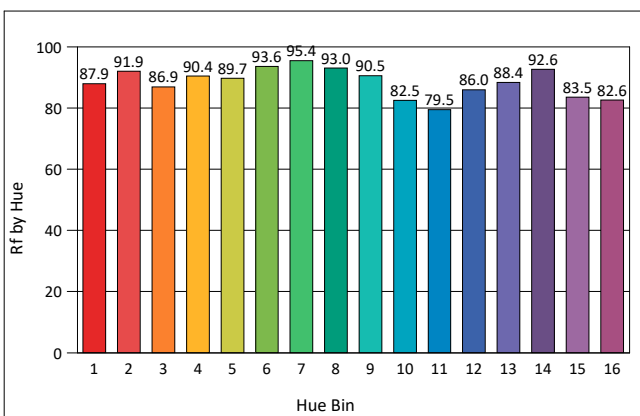
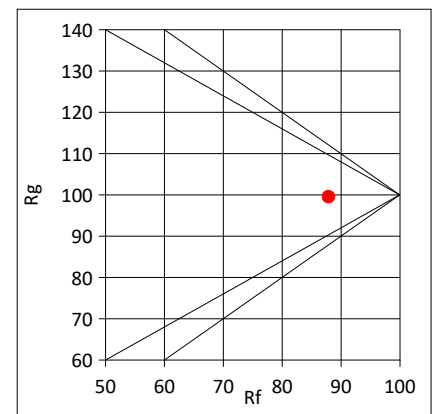
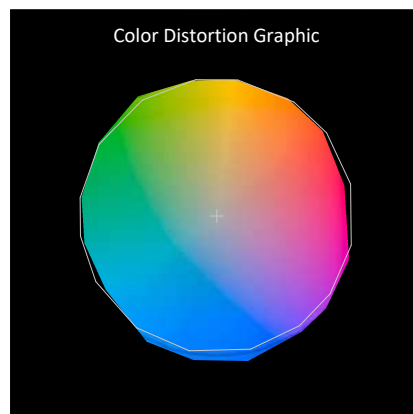
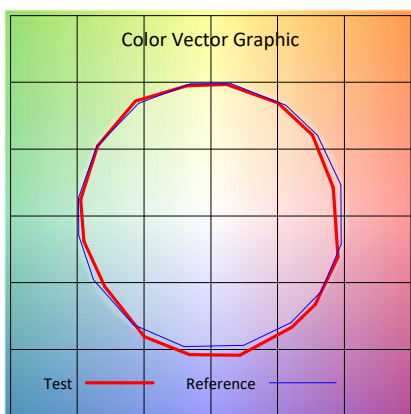
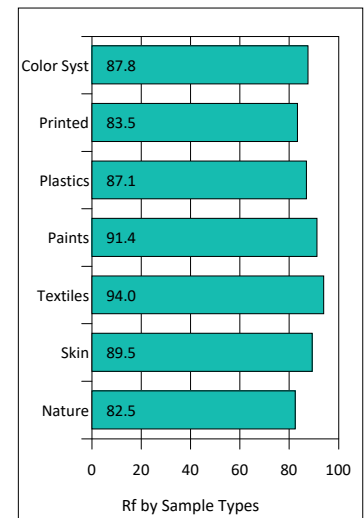
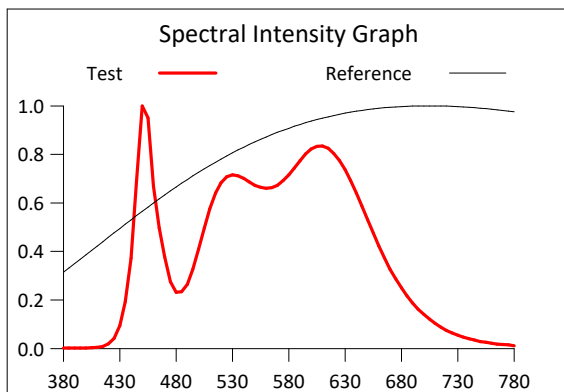
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Rf: 87.9 CCT(K): 4118 u': 0.2227
Rg: 99.5 LER: 315.3 Duv: 0.0007 v': 0.3335

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	87.9	-5.8%	-0.7%
2	91.9	-3.1%	2.2%
3	86.9	-1.8%	5.6%
4	90.4	-1.2%	3.4%
5	89.7	-0.9%	3.1%
6	93.6	2.7%	0.9%
7	95.4	-0.4%	-0.8%
8	93.0	-2.0%	0.5%
9	90.5	-3.0%	4.9%
10	82.5	-4.1%	8.8%
11	79.5	2.9%	12.1%
12	86.0	4.9%	5.1%
13	88.4	6.7%	-4.3%
14	92.6	3.1%	-1.7%
15	83.5	2.0%	-10.4%
16	82.6	-0.6%	-9.7%



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