

LED Test Report

Product Mark

Product Type : OR400-K52-400OR1-W5

Manufacturer : -

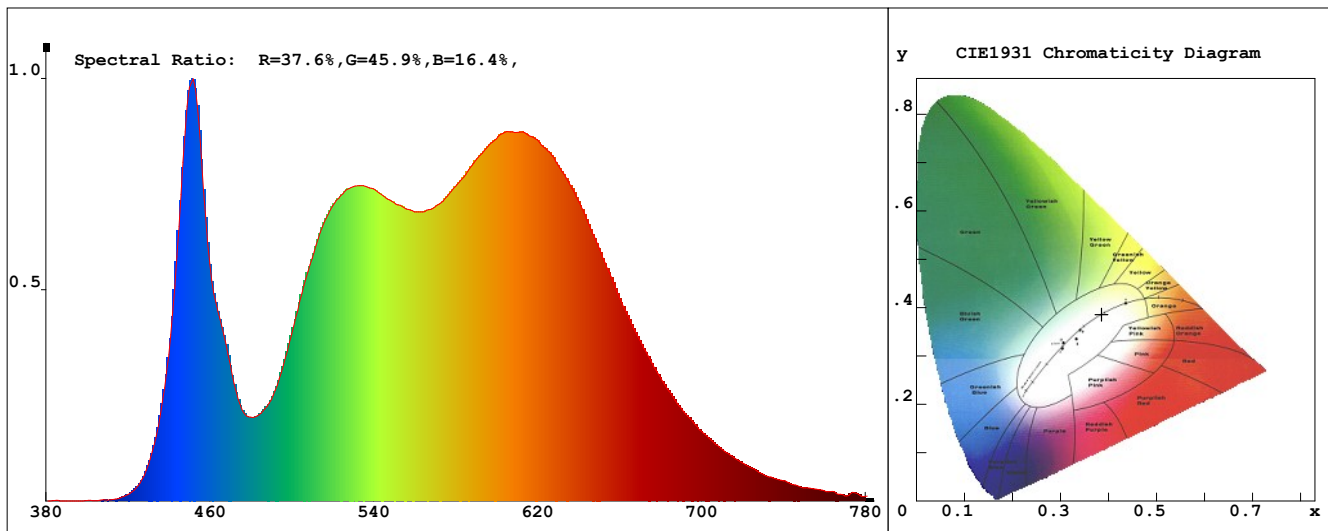
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark:



Chroma Parameters

Chro.Coord.:x=0.3859 y=0.3856 u=0.2251 v=0.3375 duv=0.0025

CCT: 3922K Dominant Wave.:578.1nm Purity:31.6% Centre Wave:451.1nm

Flux RGB Ratio:R=19.2%,G=78.7%,B=2.1% Peak Wave:450.6nm Half Width:18.5nm

Rendering Index:Ra= 90.5 CRI= 86.5

R1 =92 R2 =92 R3 =91 R4 =93 R5 =91 R6 =90 R7 =93 R8 =82

R9 =50 R10=80 R11=93 R12=66 R13=92 R14=94 R15=87

PPF:12.910umol/s (400-700nm)

PRF:2.7mW (400-700nm)

PAR:2.4mW (400-700nm)

Photo Parameters

Flux:833.92lm Effi.:83.43m/W Radiant:2810.6mW Iv:0.0mcd

Scotopic Flux:1571.2Plm Effi.:0.0Plm/W S/P:1.7

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:13399.000umol/s (380-780nm)

Ele. Parameters

Forward Current:If=816.0mA

Reverse Voltage:Vr=5.00V

Forward Voltage:Vf=12.25V

Reverse Current:Ir=0.00uA

Power:P=10.001W

Instrument state

Instrument:Lisun LMS-8000

Integral Time: 181.145ms

VPeak: 15176

VDark: 1366

Scan Range: 380-780nm

Product ID: 201508924

www.orizzonteled.com

IES TM-30-2015 Test Report

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Operator : -

Remark:

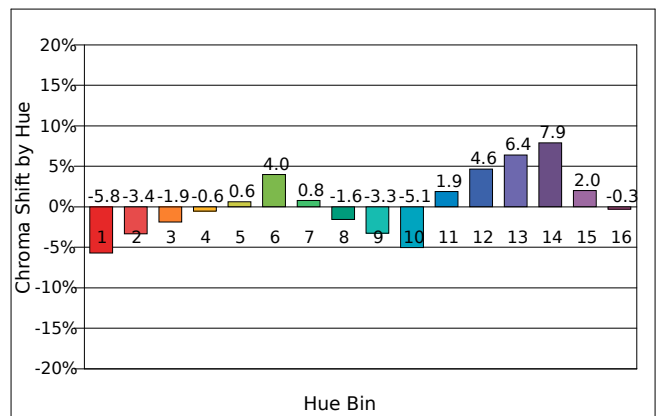
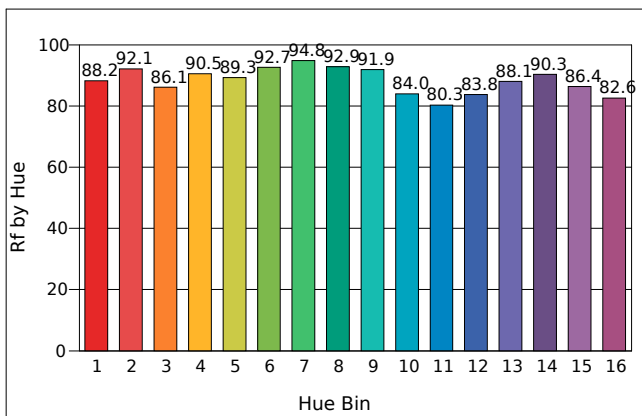
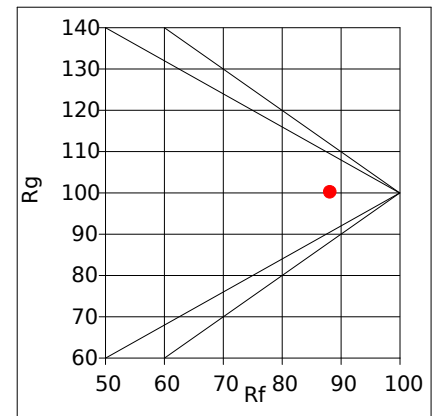
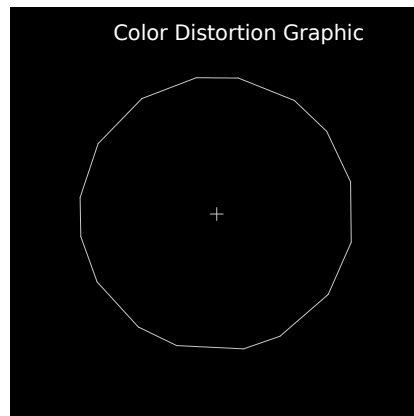
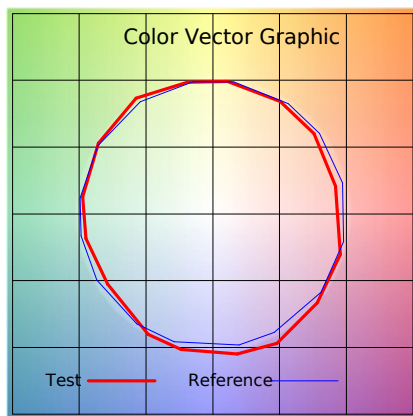
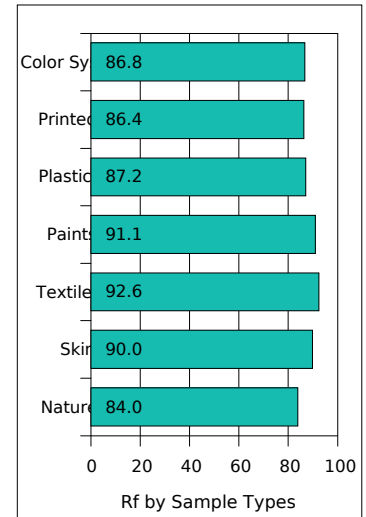
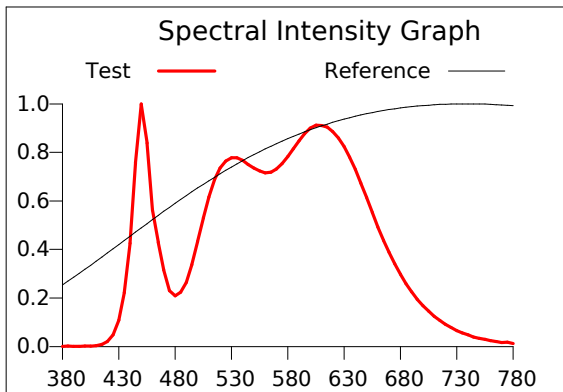
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Rf: 88.1 CCT(K): 3922 u': 0.2251
 Rg: 100.2 LER: 317.6 Duv: 0.0025 v': 0.3375

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	88.2	-5.8%	-1.4%
2	92.1	-3.4%	2.0%
3	86.1	-1.9%	6.1%
4	90.5	-0.6%	4.4%
5	89.3	0.6%	3.9%
6	92.7	4.0%	0.9%
7	94.8	0.8%	-1.8%
8	92.9	-1.6%	-1.2%
9	91.9	-3.3%	2.6%
10	84.0	-5.1%	7.2%
11	80.3	1.9%	11.7%
12	83.8	4.6%	6.4%
13	88.1	6.4%	-2.6%
14	90.3	7.9%	-2.6%
15	86.4	2.0%	-8.3%
16	82.6	-0.3%	-9.9%



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