

LED Test Report

Product Mark

Product Type : OR400-F52-1600OR2

Manufacturer : -

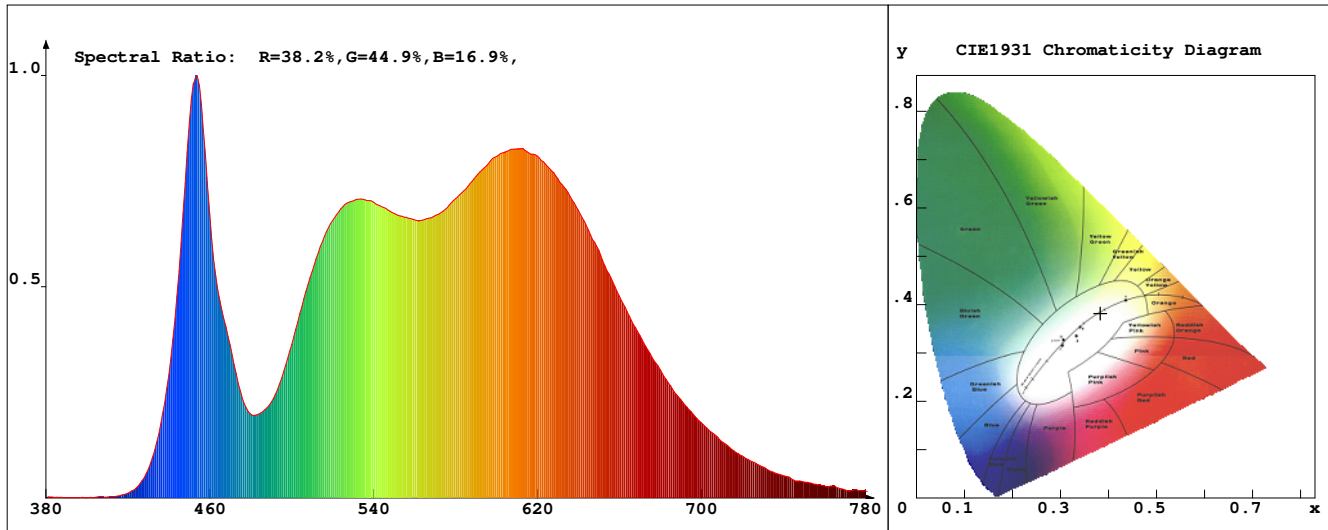
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark :



Chroma Parameters

Chro.Coord.:x=0.3830 y=0.3816 u=0.2248 v=0.3361 duv=0.0015

CCT: 3968K Dominant Wave.:578.4nm Purity:29.5% Centre Wave:452.9nm

Flux RGB Ratio:R=19.2%,G=78.6%,B=2.3% Peak Wave:452.8nm Half Width:19.3nm

Rendering Index:Ra= 91.3 CRI= 87.4

R1 =93 R2 =93 R3 =92 R4 =93 R5 =91 R6 =90 R7 =95 R8 =84

R9 =54 R10=82 R11=93 R12=64 R13=93 R14=95 R15=89

PPF:55.555umol/s (400-700nm)

PRF:11.7mW (400-700nm)

PAR:10.2mW (400-700nm)

Photo Parameters

Flux:4057.76lm Effi.:112.8lm/W Radiant:12147.6mW Iv:0.0mcd

Scotopic Flux:6969.7Plm Effi.:0.0Plm/W S/P:1.7

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:58010.199umol/s (380-780nm)

Ele. Parameters

Forward Current:If=1499.0mA

Reverse Voltage:Vr=5.00V

Forward Voltage:Vf=24.00V

Reverse Current:Ir=0.00uA

Power:P=36.001W

Instrument state

Instrument:Lisun LMS-8000

Integral Time: 38.639ms

VPeak: 14520

VDark: 1293

Scan Range: 380-780nm

Product ID: 201508924

www.orizzonteled.com

IES TM-30-2015 Test Report

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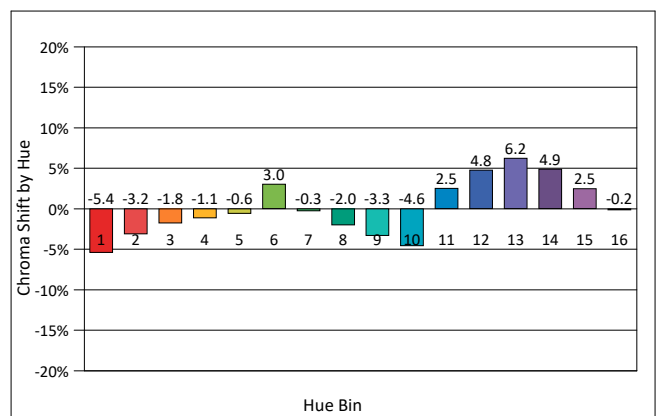
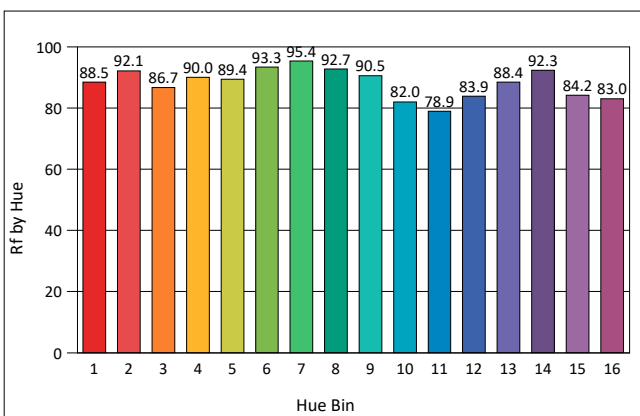
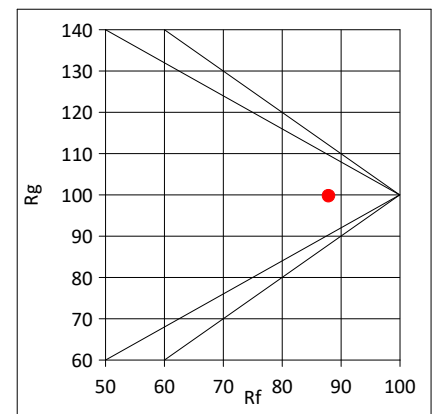
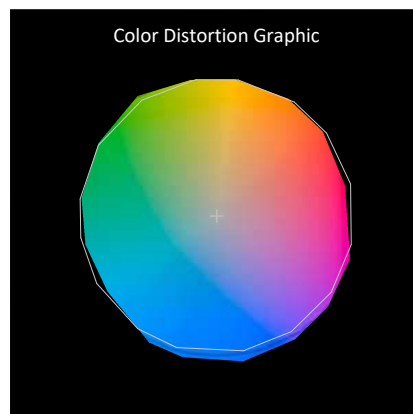
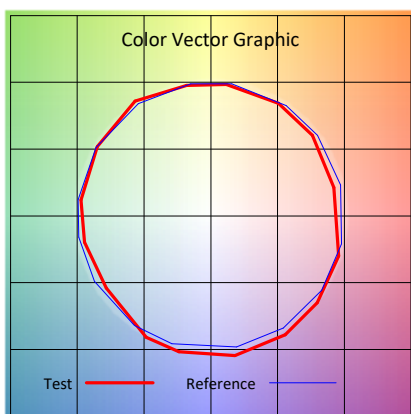
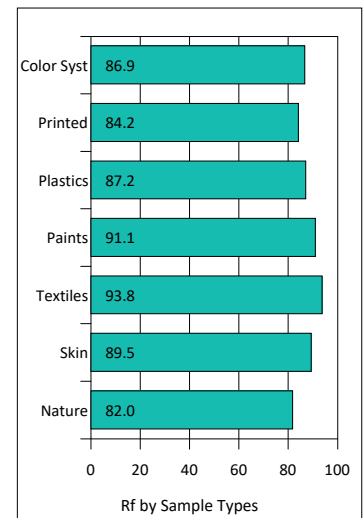
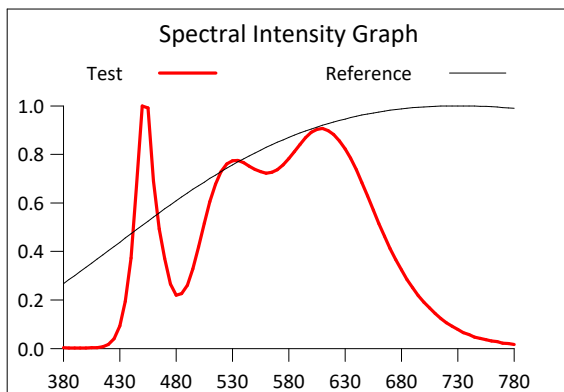
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Rf: 87.9 CCT(K): 3968 u': 0.2248
Rg: 99.7 LER: 312.1 Duv: 0.0015 v': 0.3361

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	88.5	-5.4%	-0.9%
2	92.1	-3.2%	2.0%
3	86.7	-1.8%	5.7%
4	90.0	-1.1%	3.9%
5	89.4	-0.6%	3.4%
6	93.3	3.0%	0.8%
7	95.4	-0.3%	-1.1%
8	92.7	-2.0%	-0.0%
9	90.5	-3.3%	4.5%
10	82.0	-4.6%	8.9%
11	78.9	2.5%	12.5%
12	83.9	4.8%	6.4%
13	88.4	6.2%	-2.4%
14	92.3	4.9%	-1.6%
15	84.2	2.5%	-9.8%
16	83.0	-0.2%	-9.6%



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