

LED Test Report

Product Mark

Product Type : OR300-F52-4000M2-W5 50cm 24vManufacturer : -

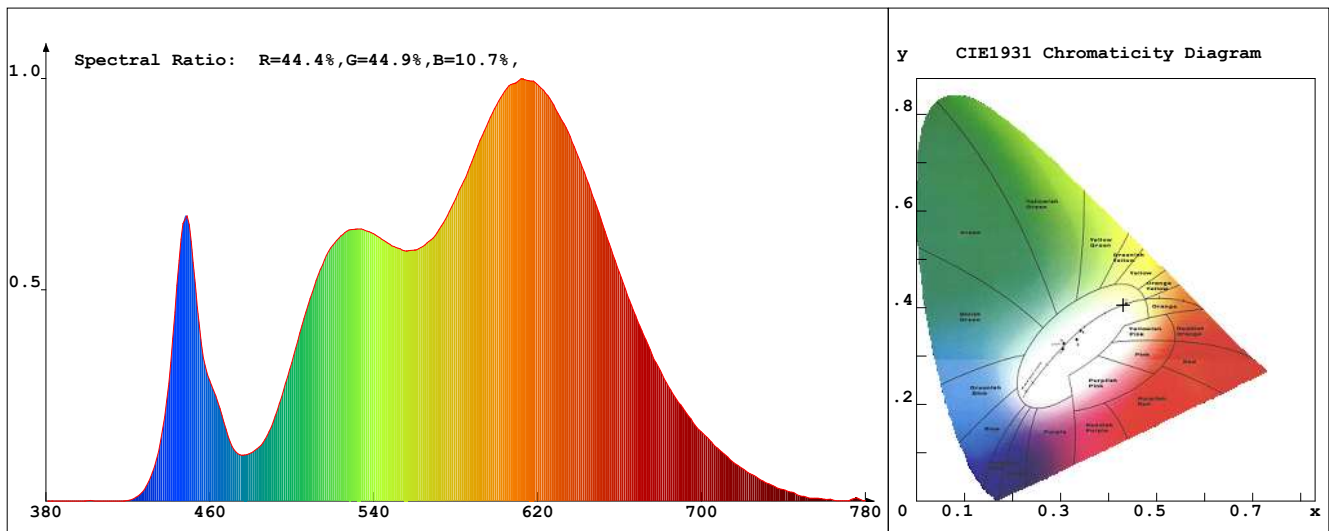
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2024-12-09

Remark:



Chroma Parameters

Chro.Coord.: $x=0.4302$ $y=0.4056$ $u=0.2456$ $v=0.3473$ $duv=0.0016$

CCT: 3129K Dominant Wave.: 581.7nm Purity: 50.9% Centre Wave: 585.7nm

Flux RGB Ratio: R=23.1%, G=75.6%, B=1.3% Peak Wave: 612.6nm Half Width: 152.5nm

Rendering Index: Ra= 92.5 CRI= 89.0

R1 =95 R2 =94 R3 =94 R4 =93 R5 =93 R6 =96 R7 =94 R8 =81

R9 =49 R10=86 R11=91 R12=79 R13=95 R14=96 R15=88

PPF: 5.022 μ mol/s (400-700nm)

PRF: 1.0mW (400-700nm)

PAR: 0.9mW (400-700nm)

Photo Parameters

Flux: 352.03lm Effi.: 97.1lm/W Radiant: 1063.3mW Iv: 0.0mcd

Scotopic Flux: 501.1Plm Effi.: 0.0Plm/W S/P: 1.4

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 5168.980 μ mol/s (380-780nm)

Ele. Parameters

Forward Current: If=151.0mA

Reverse Voltage: Vr=5.00V

Forward Voltage: Vf=24.00V

Reverse Current: Ir=0.00uA

Power: P=3.630W

Instrument state

Instrument: Lisun

Integral Time: 455.936ms

VPeak: 13272

VDark: 1295

Scan Range: 380-780nm

Product ID: 201508924

<http://www.orizzonteled.com/>

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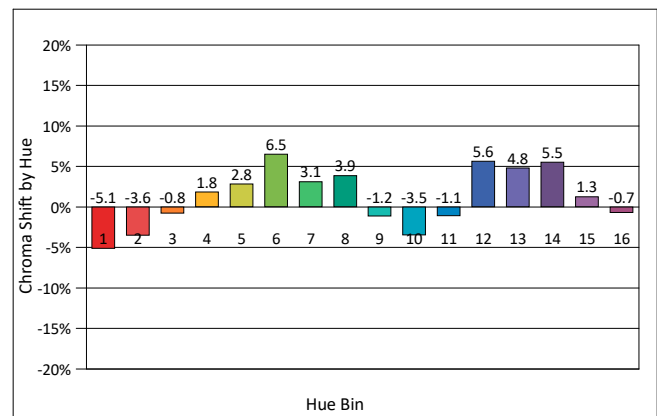
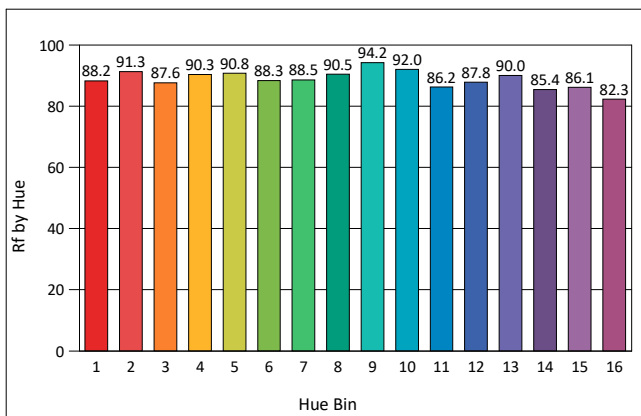
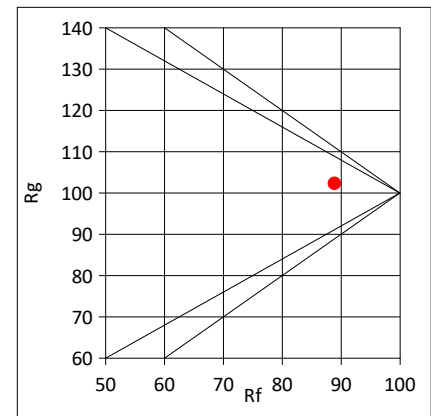
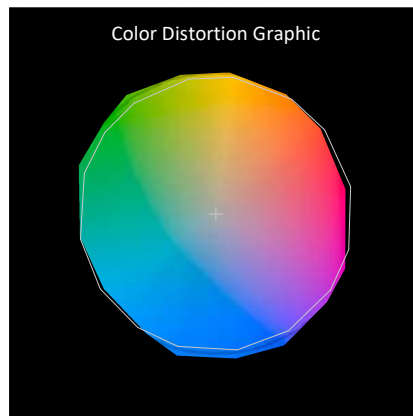
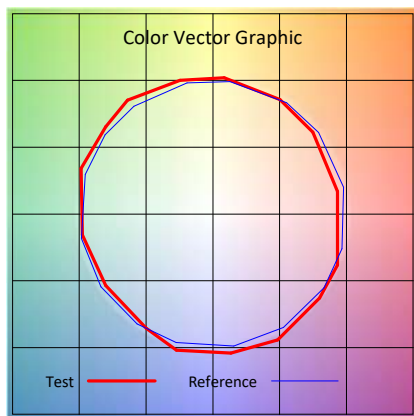
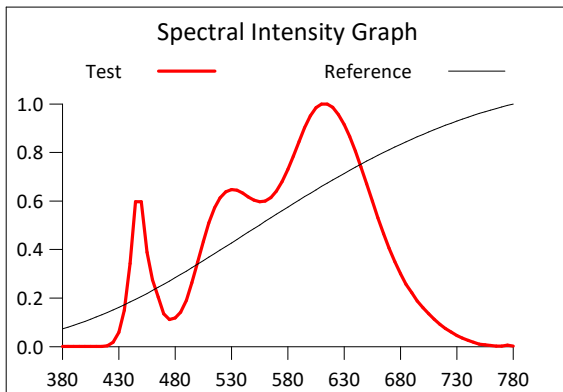
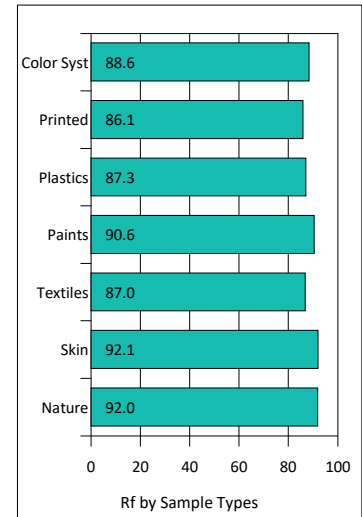
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Rf: 88.9 CCT(K): 3129 u': 0.2456
Rg: 102.3 LER: 323.1 Duv: 0.0016 v': 0.3473

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	88.2	-5.1%	-2.1%
2	91.3	-3.6%	2.5%
3	87.6	-0.8%	5.7%
4	90.3	1.8%	4.8%
5	90.8	2.8%	4.8%
6	88.3	6.5%	1.4%
7	88.5	3.1%	-5.2%
8	90.5	3.9%	-3.9%
9	94.2	-1.2%	-2.4%
10	92.0	-3.5%	1.2%
11	86.2	-1.1%	7.5%
12	87.8	5.6%	1.5%
13	90.0	4.8%	-3.2%
14	85.4	5.5%	-8.9%
15	86.1	1.3%	-8.1%
16	82.3	-0.7%	-12.6%



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