

LED Test Report

Product Mark

Product Type : OR300-F52-4800R2-W10

Manufacturer : -

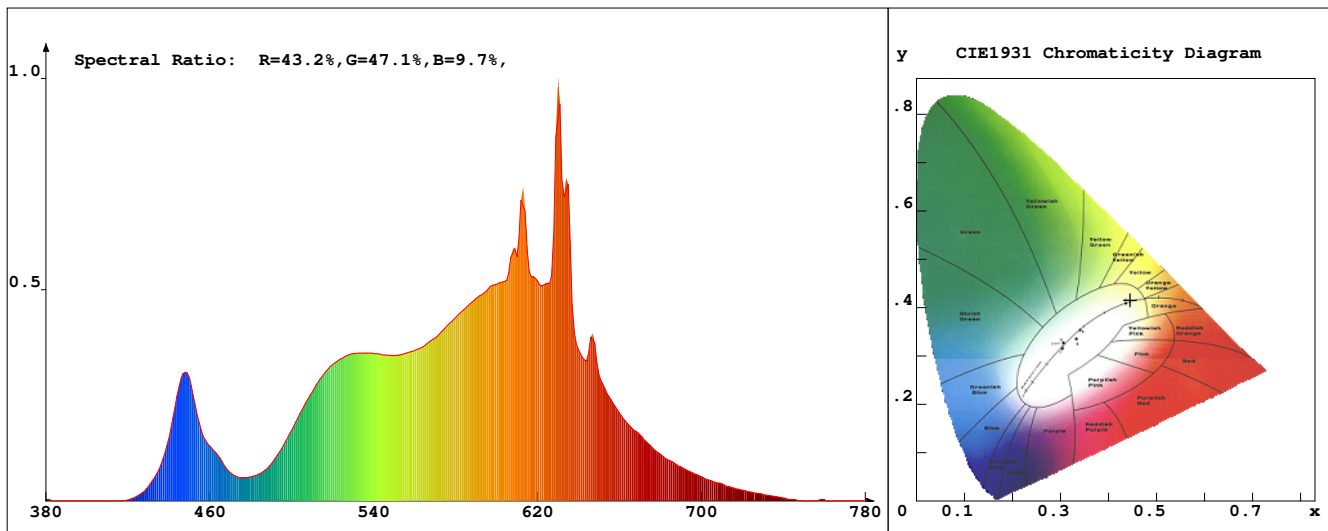
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark:



Chroma Parameters

Chro.Coord.: $x=0.4451$ $y=0.4157$ $u=0.2508$ $v=0.3514$ $duv=0.0035$

CCT: 2960K Dominant Wave.: 581.9nm Purity: 58.4% Centre Wave: 616.6nm

Flux RGB Ratio: R=23.8%, G=75.1%, B=1.1% Peak Wave: 629.2nm Half Width: 38.2nm

Rendering Index: Ra= 89.7 CRI= 86.1

R1 =91 R2 =92 R3 =93 R4 =93 R5 =90 R6 =93 R7 =91 R8 =75

R9 =37 R10=81 R11=95 R12=75 R13=91 R14=95 R15=83

PPF: 26.677 $\mu\text{mol/s}$ (400-700nm)

PRF: 5.5mW (400-700nm)

PAR: 4.9mW (400-700nm)

Photo Parameters

Flux: 2017.78lm Effi.: 140.6lm/W Radiant: 5600.5mW Iv: 0.0mcd

Scotopic Flux: 2667.3Plm Effi.: 0.0Plm/W S/P: 1.3

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 27133.801 $\mu\text{mol/s}$ (380-780nm)

Ele. Parameters

Forward Current: $I_f=597.0\text{mA}$ Reverse Voltage: $V_r=5.00\text{V}$ Forward Voltage: $V_f=24.04\text{V}$ Reverse Current: $I_r=0.00\mu\text{A}$ Power: $P=14.370\text{W}$

Instrument state

Instrument: Lisun LMS-8000

Integral Time: 41.752ms

VPeak: 15784

VDark: 1229

Scan Range: 380-780nm

Product ID: 201508924

www.orizzonteled.com

IES TM-30-2015 Test Report

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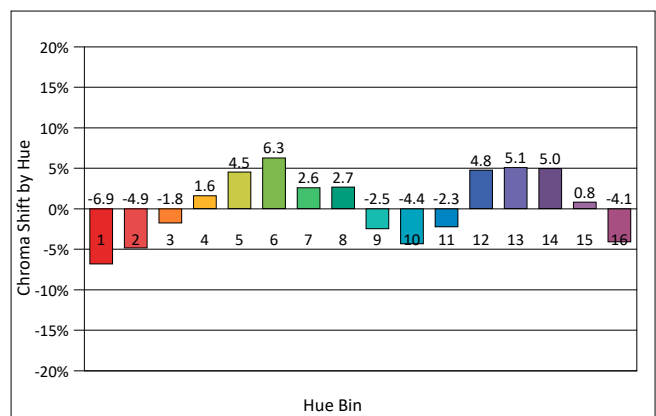
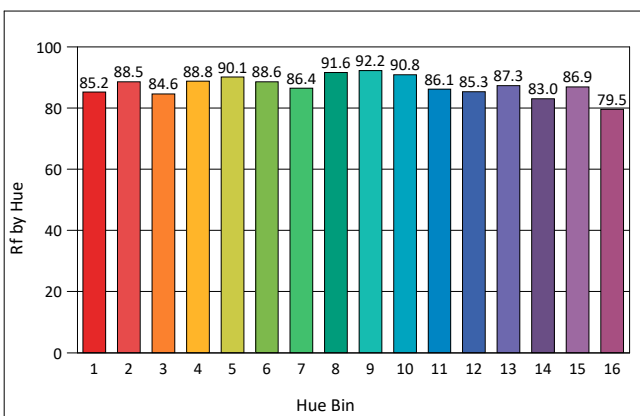
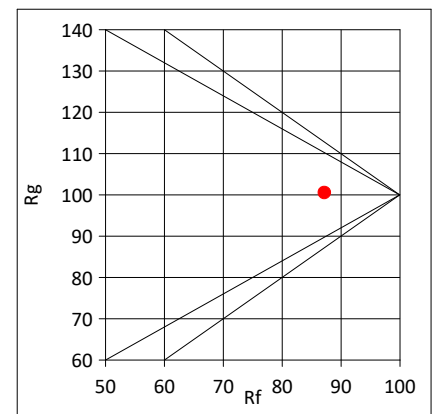
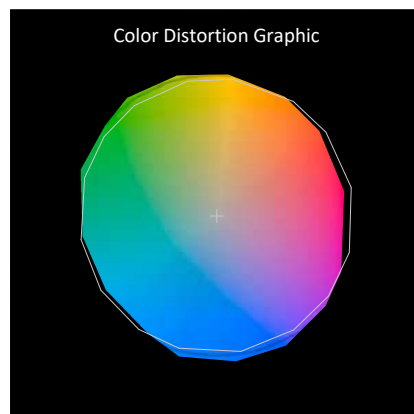
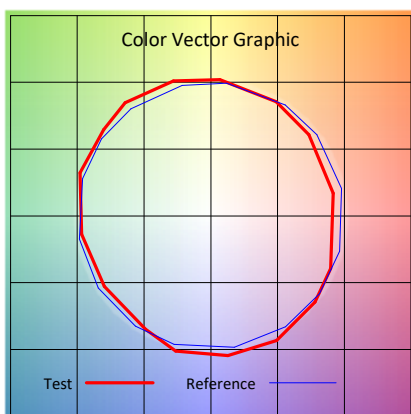
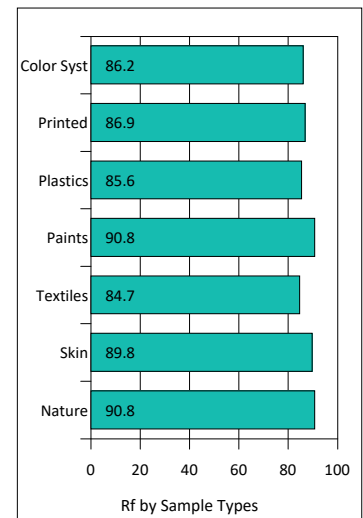
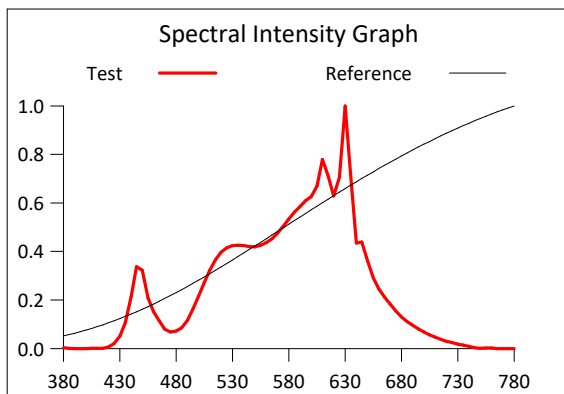
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Rf: 87.2 CCT(K): 2960 u': 0.2508
Rg: 100.5 LER: 344.8 Duv: 0.0035 v': 0.3514

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	85.2	-6.9%	-2.4%
2	88.5	-4.9%	3.2%
3	84.6	-1.8%	6.9%
4	88.8	1.6%	5.5%
5	90.1	4.5%	5.8%
6	88.6	6.3%	1.0%
7	86.4	2.6%	-6.8%
8	91.6	2.7%	-4.0%
9	92.2	-2.5%	-3.1%
10	90.8	-4.4%	1.5%
11	86.1	-2.3%	7.9%
12	85.3	4.8%	2.0%
13	87.3	5.1%	-5.8%
14	83.0	5.0%	-11.1%
15	86.9	0.8%	-7.2%
16	79.5	-4.1%	-13.8%



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