

LED Test Report

Product Mark

Product Type : OR30s-F52-1608N2-F

Manufacturer : -

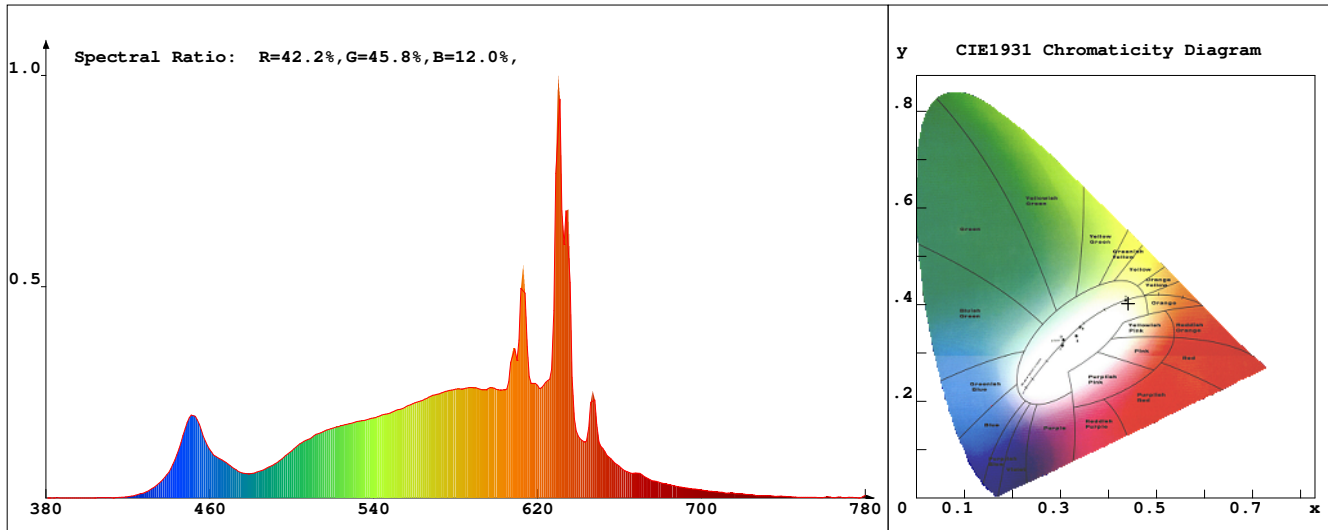
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-02-12

Remark :



Chroma Parameters

Chro.Coord.: $x=0.4409$ $y=0.4026$ $u=0.2538$ $v=0.3476$ $duv=-0.0011$

CCT: 2923K Dominant Wave.: 583.5nm Purity: 53.2% Centre Wave: 631.0nm

Flux RGB Ratio: R=24.9%, G=73.4%, B=1.6% Peak Wave: 629.4nm Half Width: 7.7nm

Rendering Index: Ra= 93.0 CRI= 90.6

R1 =95 R2 =97 R3 =96 R4 =95 R5 =94 R6 =95 R7 =91 R8 =82

R9 =58 R10=90 R11=96 R12=81 R13=95 R14=97 R15=90

PPF: 26.572 $\mu\text{mol/s}$ (400-700nm)

PRF: 5.5mW (400-700nm)

PAR: 5.0mW (400-700nm)

Photo Parameters

Flux: 2010.41lm Effi.: 154.6lm/W Radiant: 5596.7mW Iv: 0.0mcd

Scotopic Flux: 2769.0Plm Effi.: 0.0Plm/W S/P: 1.4

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 26912.801 $\mu\text{mol/s}$ (380-780nm)

Ele. Parameters

Forward Current: $I_f=542.0\text{mA}$ Reverse Voltage: $V_r=5.00\text{V}$ Forward Voltage: $V_f=24.00\text{V}$ Reverse Current: $I_r=0.00\mu\text{A}$ Power: $P=13.020\text{W}$

Instrument state

Instrument: Lisun LMS-8000

Integral Time: 21.529ms

VPeak: 15608

VDark: 1339

Scan Range: 380-780nm

Product ID: 201508924

www.orizzonteled.com

IES TM-30-2015 Test Report

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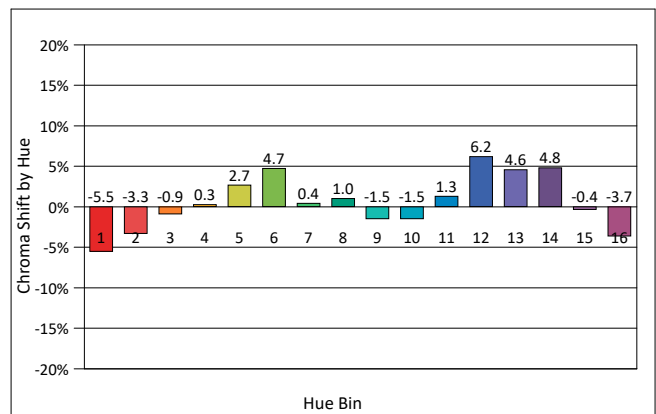
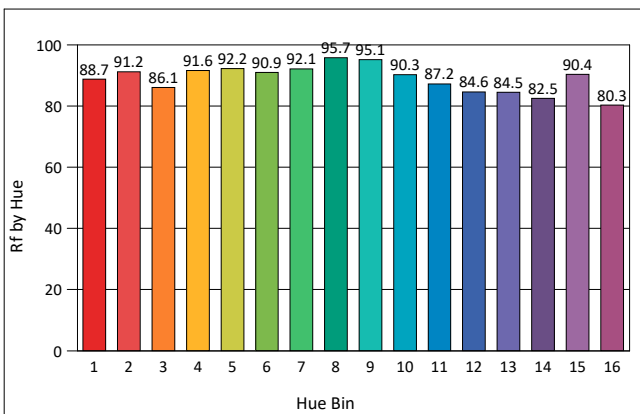
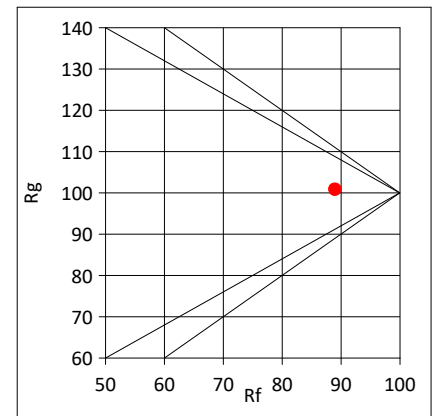
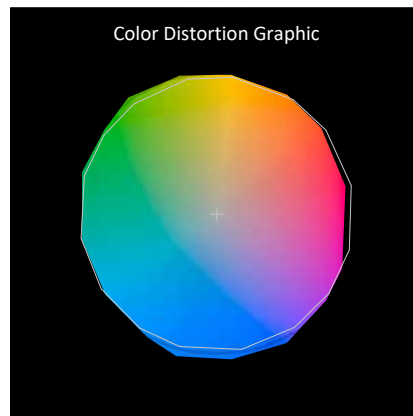
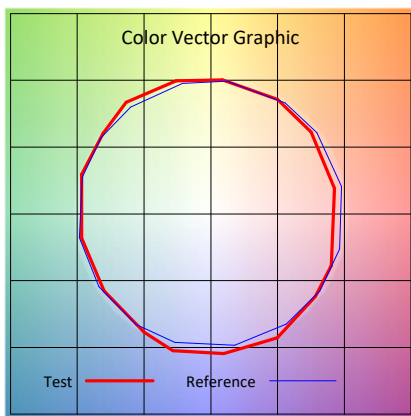
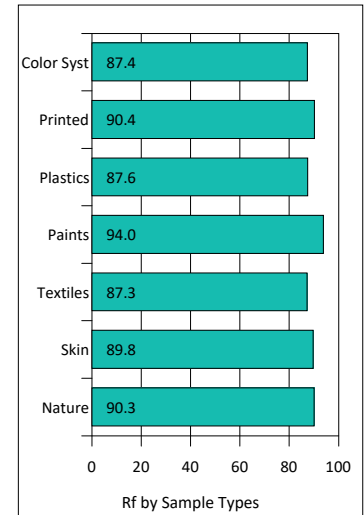
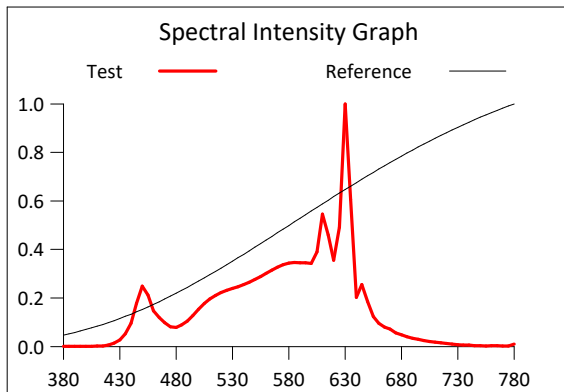
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Rf: 89.0 CCT(K): 2923 u': 0.2538
Rg: 100.8 LER: 343.2 Duv: -0.0011 v': 0.3476

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	88.7	-5.5%	-0.5%
2	91.2	-3.3%	2.9%
3	86.1	-0.9%	6.3%
4	91.6	0.3%	3.4%
5	92.2	2.7%	4.4%
6	90.9	4.7%	0.8%
7	92.1	0.4%	-3.4%
8	95.7	1.0%	-1.9%
9	95.1	-1.5%	0.7%
10	90.3	-1.5%	4.7%
11	87.2	1.3%	8.2%
12	84.6	6.2%	-0.4%
13	84.5	4.6%	-9.3%
14	82.5	4.8%	-11.3%
15	90.4	-0.4%	-5.3%
16	80.3	-3.7%	-13.4%



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