

LED Test Report

Product Mark

Product Type : OR30s-F52-1208F1-W5

Manufacturer : -

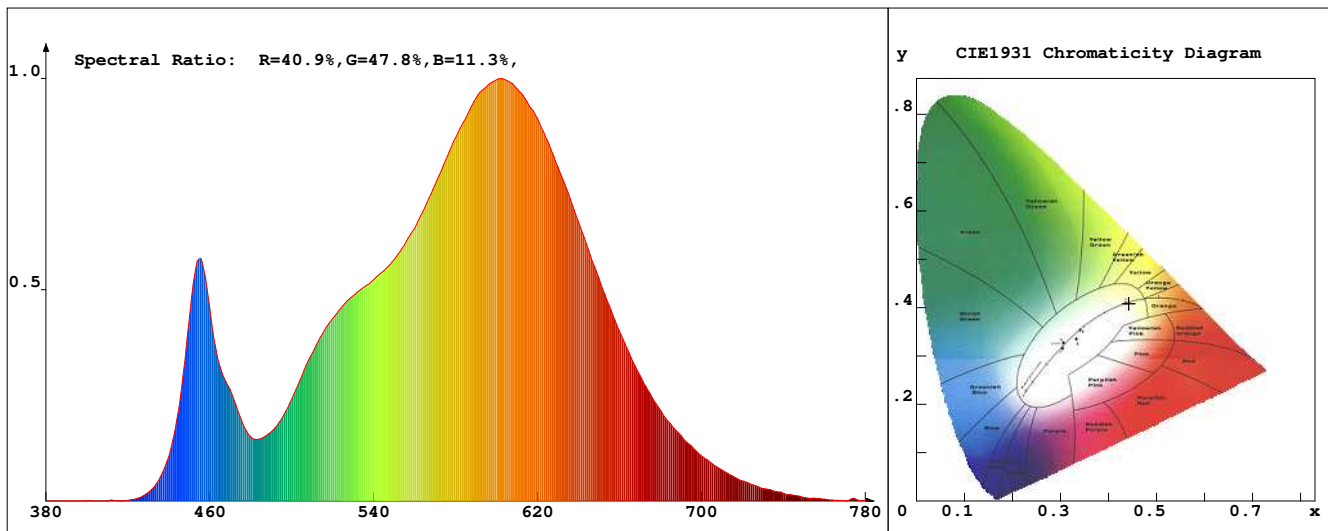
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark:



Chroma Parameters

Chro.Coor.: x=0.4423 y=0.4082 u=0.2523 v=0.3492 duv=0.0009

CCT: 2944K Dominant Wave.: 582.7nm Purity: 55.3% Centre Wave: 592.3nm

Flux RGB Ratio: R=21.9%, G=76.6%, B=1.6% Peak Wave: 599.7nm Half Width: 117.4nm

Rendering Index: Ra= 79.2 CRI= 76.3

R1 =77 R2 =89 R3 =96 R4 =76 R5 =77 R6 =87 R7 =80 R8 =52

R9 =-9 R10=75 R11=75 R12=62 R13=80 R14=99 R15=68

PPF: 13.896umol/s (400-700nm)

PRF: 2.9mW (400-700nm)

PAR: 2.6mW (400-700nm)

Photo Parameters

Flux: 1065.75lm Effi.: 119.4lm/W Radiant: 2928.1mW Iv: 0.0mcd

Scotopic Flux: 1369.4Plm Effi.: 0.0Plm/W S/P: 1.3

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 14185.100umol/s (380-780nm)

Ele. Parameters

Forward Current: If=744.0mA

Reverse Voltage: Vr=5.00V

Forward Voltage: Vf=12.00V

Reverse Current: Ir=0.00uA

Power: P=8.941W

Instrument state

Instrument: Lisun LMS-8000

Integral Time: 138.424ms

VPeak: 13672

VDark: 1388

Scan Range: 380-780nm

Product ID: 201508924

www.orizzonteled.com

IES TM-30-2015 Test Report

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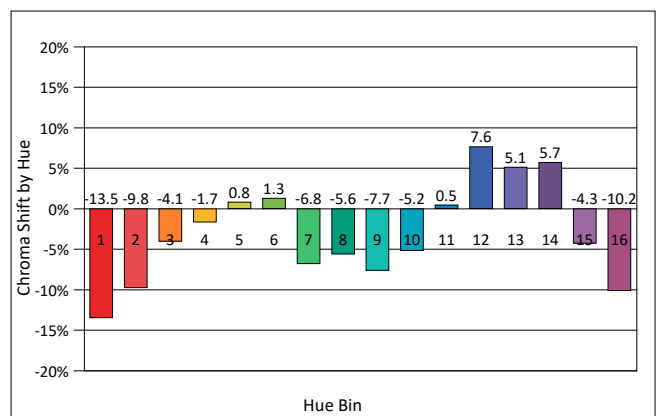
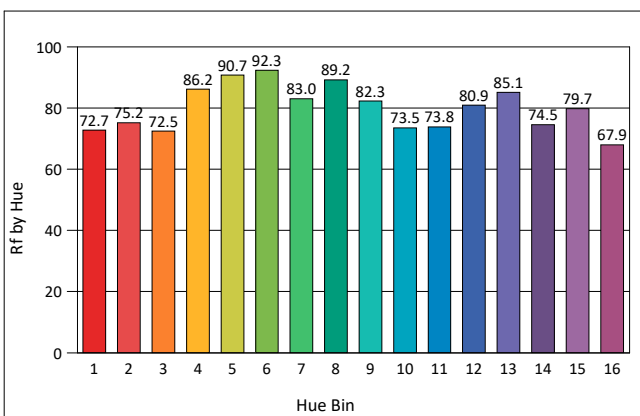
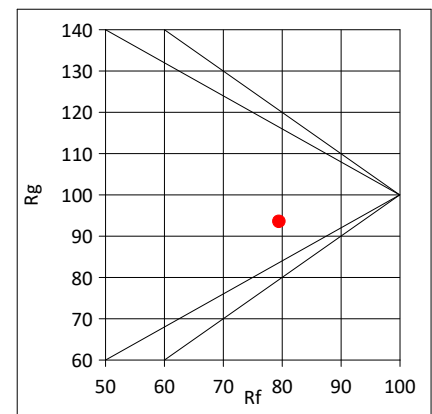
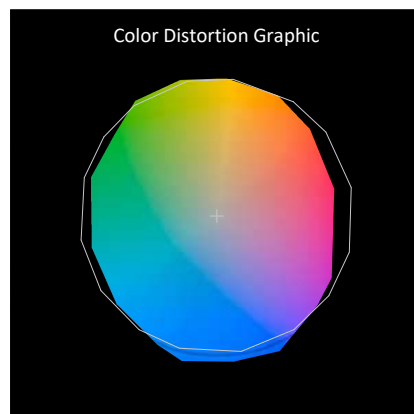
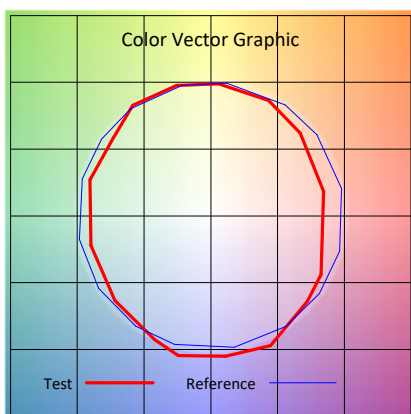
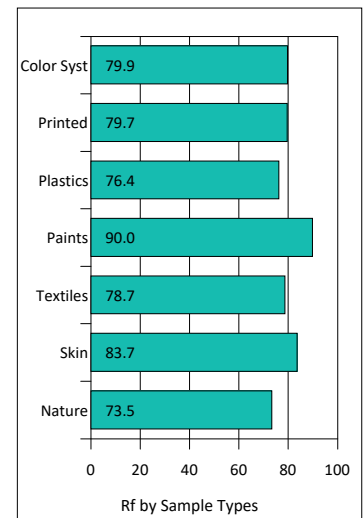
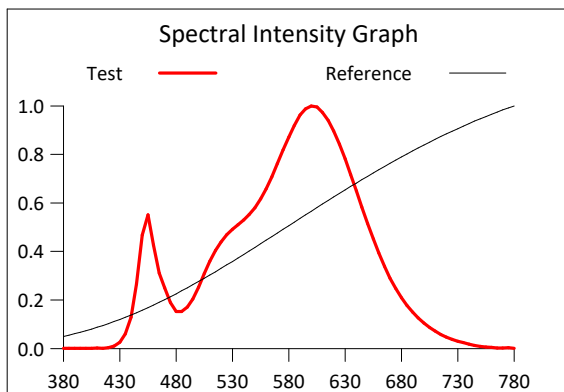
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Rf: 79.5 CCT(K): 2944 u': 0.2523
 Rg: 93.5 LER: 347.0 Duv: 0.0009 v': 0.3492

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	72.7	-13.5%	0.6%
2	75.2	-9.8%	7.9%
3	72.5	-4.1%	12.3%
4	86.2	-1.7%	6.0%
5	90.7	0.8%	4.1%
6	92.3	1.3%	-2.9%
7	83.0	-6.8%	-5.8%
8	89.2	-5.6%	-0.3%
9	82.3	-7.7%	6.2%
10	73.5	-5.2%	14.4%
11	73.8	0.5%	17.3%
12	80.9	7.6%	4.4%
13	85.1	5.1%	-7.8%
14	74.5	5.7%	-17.6%
15	79.7	-4.3%	-10.1%
16	67.9	-10.2%	-19.8%



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