

LED Test Report

Product Mark

Product Type : OR30s-Fx2-1208F2/14-25

Manufacturer : -

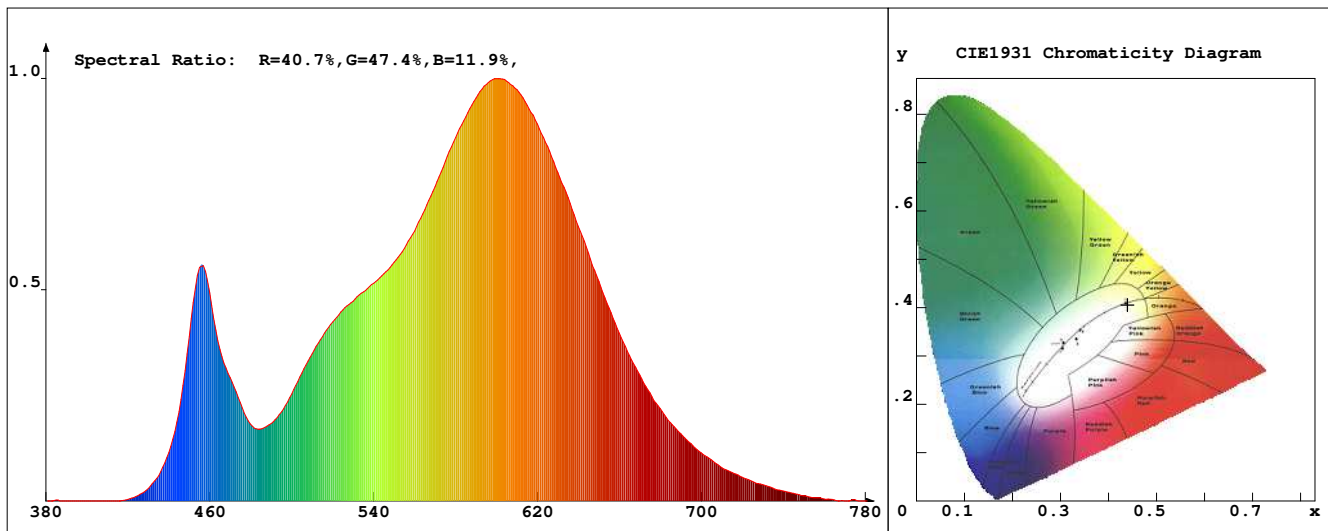
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark:



Chroma Parameters

Chro.Coord.: $x=0.4397$ $y=0.4053$ $u=0.2518$ $v=0.3482$ $duv=0.0001$

CCT: 2964K Dominant Wave.: 582.9nm Purity: 53.7% Centre Wave: 593.5nm

Flux RGB Ratio: $R=21.8\%$, $G=76.5\%$, $B=1.7\%$ Peak Wave: 598.7nm Half Width: 113.8nm

Rendering Index: $R_a=79.3$ CRI= 76.7

$R_1=78$	$R_2=90$	$R_3=94$	$R_4=75$	$R_5=77$	$R_6=88$	$R_7=80$	$R_8=52$
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$R_9=-9$	$R_{10}=78$	$R_{11}=74$	$R_{12}=65$	$R_{13}=81$	$R_{14}=98$	$R_{15}=69$
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PPF: 21.217 $\mu\text{mol/s}$ (400-700nm)

PRF: 4.4mW (400-700nm)

PAR: 3.9mW (400-700nm)

Photo Parameters

Flux: 1513.02lm

Effi.: 116.6lm/W

Radiant: 4487.5mW

Iv: 0.0mcd

Scotopic Flux: 1979.7Plm

Effi.: 0.0Plm/W

S/P: 1.3

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 21724.301 $\mu\text{mol/s}$ (380-780nm)

Ele. Parameters

Forward Current: $I_f=545.0\text{mA}$ Reverse Voltage: $V_r=5.00\text{V}$ Forward Voltage: $V_f=23.82\text{V}$ Reverse Current: $I_r=0.00\mu\text{A}$ Power: $P=13.001\text{W}$

Instrument state

Instrument: Lisun LMS-8000

Integral Time: 99.883ms

VPeak: 14824

VDark: 1284

Scan Range: 380-780nm

Product ID: 201508924

www.orizzonteled.com

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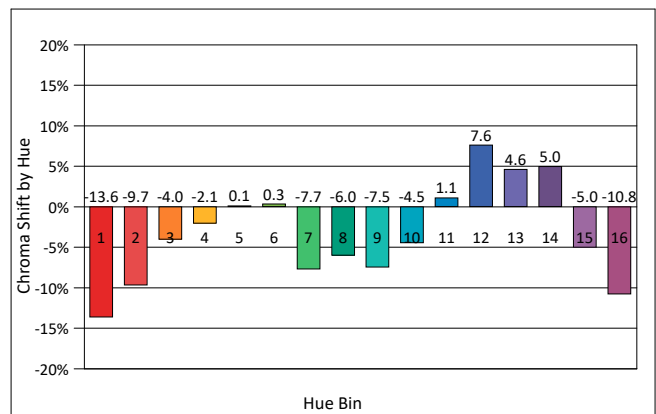
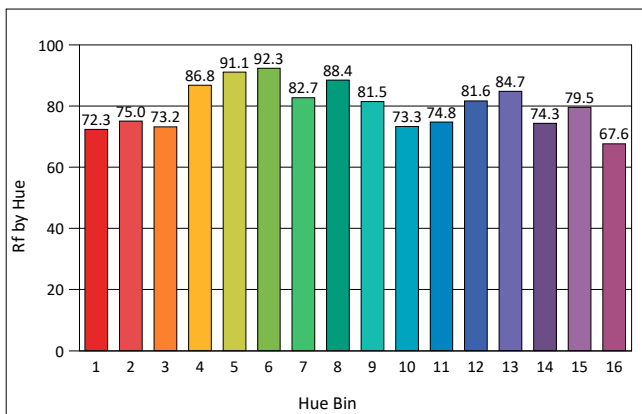
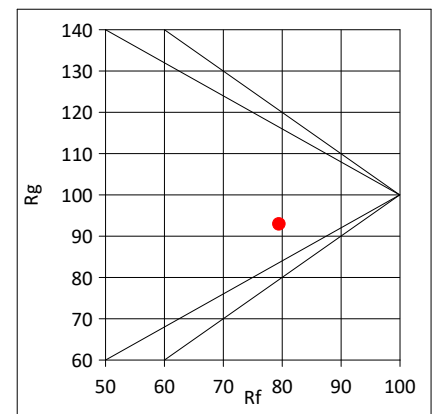
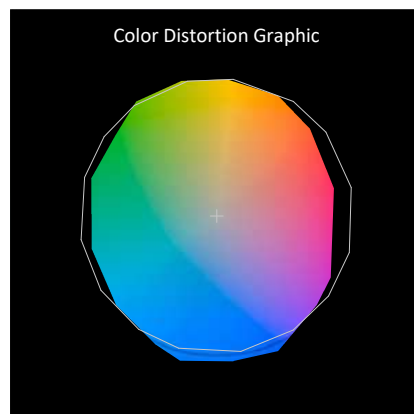
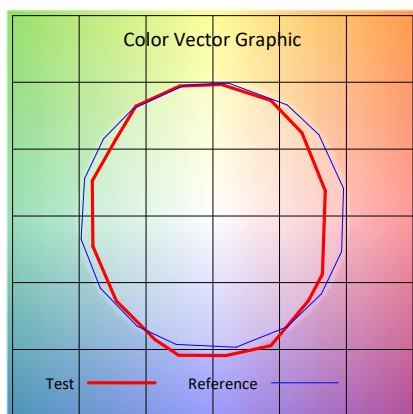
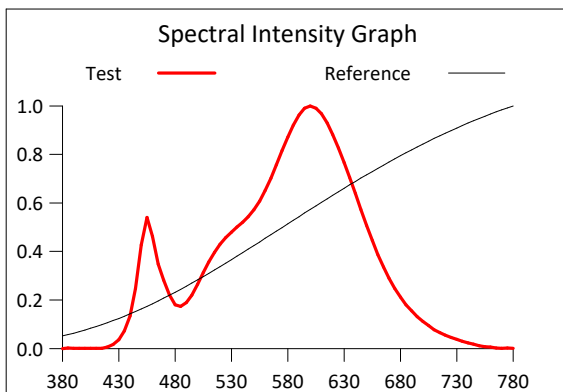
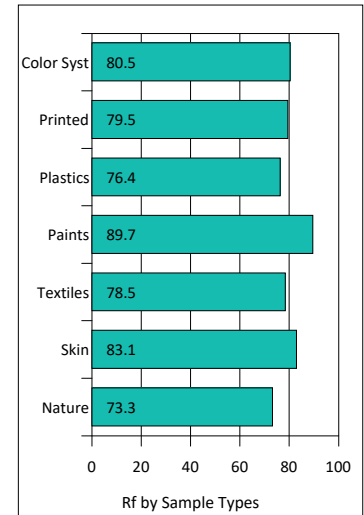
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Rf: 79.5 CCT(K): 2964 u': 0.2518
Rg: 92.9 LER: 343.9 Duv: 0.0001 v': 0.3482

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	72.3	-13.6%	1.0%
2	75.0	-9.7%	8.0%
3	73.2	-4.0%	12.0%
4	86.8	-2.1%	5.3%
5	91.1	0.1%	3.5%
6	92.3	0.3%	-3.0%
7	82.7	-7.7%	-5.0%
8	88.4	-6.0%	0.6%
9	81.5	-7.5%	7.2%
10	73.3	-4.5%	14.7%
11	74.8	1.1%	16.7%
12	81.6	7.6%	3.4%
13	84.7	4.6%	-8.6%
14	74.3	5.0%	-18.1%
15	79.5	-5.0%	-9.9%
16	67.6	-10.8%	-19.5%



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