

LED Test Report

Product Mark

Product Type : OR27s-F52-1208F1-W5

Manufacturer : -

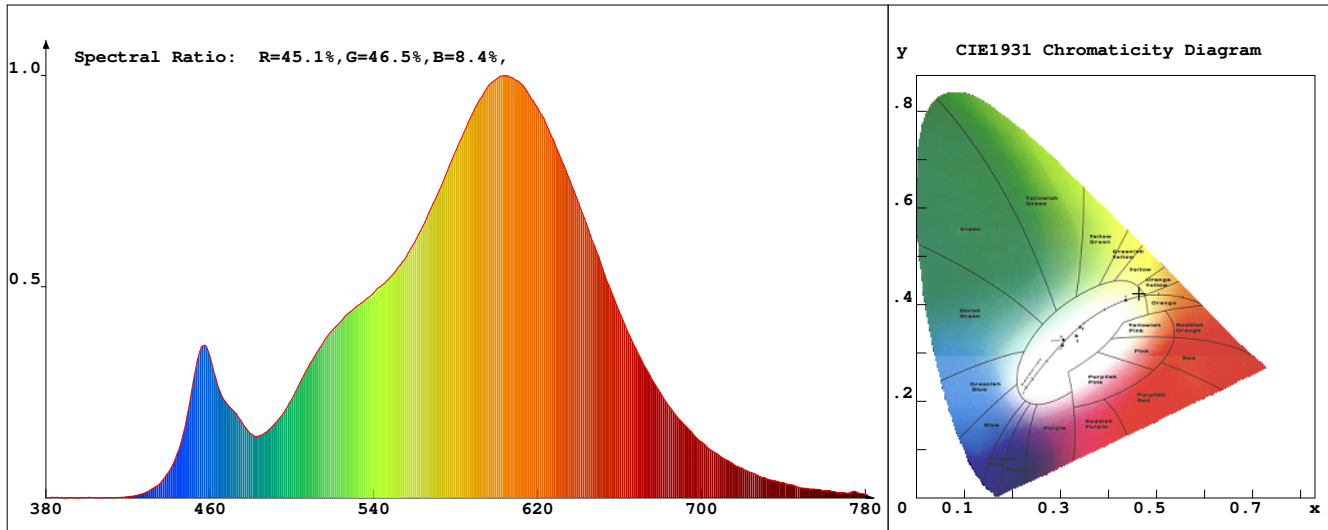
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark :



Chroma Parameters

Chro.Coord.: $x=0.4637$ $y=0.4228$ $u=0.2595$ $v=0.3550$ $duv=0.0041$

CCT: 2741K Dominant Wave.: 582.8nm Purity: 66.1% Centre Wave: 598.6nm

Flux RGB Ratio: $R=23.3\%$, $G=75.4\%$, $B=1.3\%$ Peak Wave: 601.8nm Half Width: 110.0nm

Rendering Index: $R_a=79.9$ CRI= 77.0

$R_1=78$	$R_2=89$	$R_3=96$	$R_4=77$	$R_5=78$	$R_6=88$	$R_7=81$	$R_8=52$
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$R_9=-6$	$R_{10}=76$	$R_{11}=76$	$R_{12}=65$	$R_{13}=80$	$R_{14}=99$	$R_{15}=68$	
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PPF: 12.379 $\mu\text{mol/s}$ (400-700nm)

PRF: 2.5mW (400-700nm)

PAR: 2.3mW (400-700nm)

Photo Parameters

Flux: 960.85lm Effi.: 107.4lm/W Radiant: 2607.2mW Iv: 0.0mcd

Scotopic Flux: 1148.9Plm Effi.: 0.0Plm/W S/P: 1.2

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 12805.400 $\mu\text{mol/s}$ (380-780nm)

Ele. Parameters

Forward Current: $I_f=741.0\text{mA}$ Reverse Voltage: $V_r=5.00\text{V}$ Forward Voltage: $V_f=12.07\text{V}$ Reverse Current: $I_r=0.00\mu\text{A}$ Power: $P=8.970\text{W}$

Instrument state

Instrument: Lisun LMS-8000

Integral Time: 178.243ms

VPeak: 15080

VDark: 1210

Scan Range: 380-780nm

Product ID: 201508924

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IES TM-30-2015 Test Report

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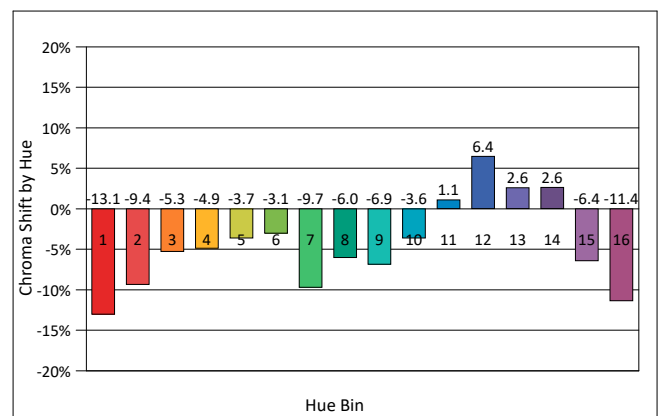
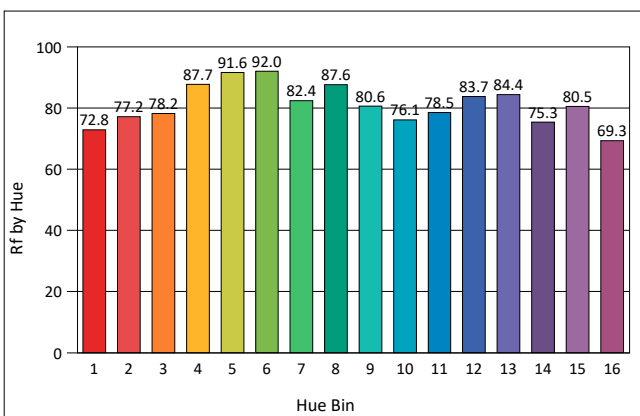
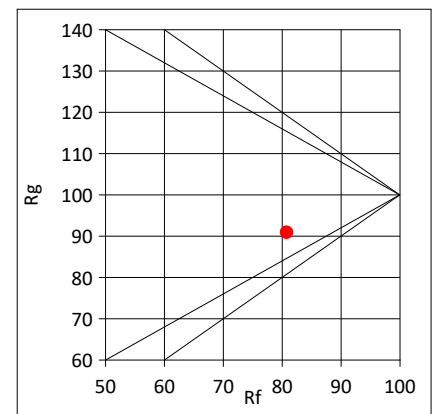
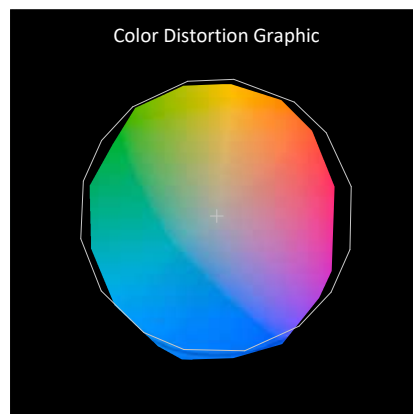
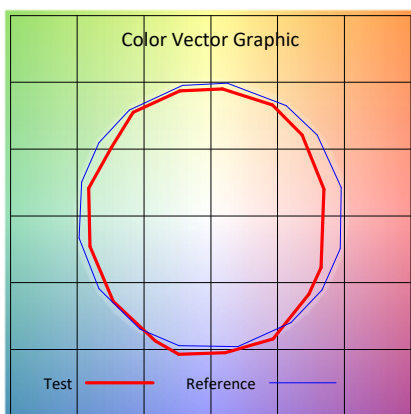
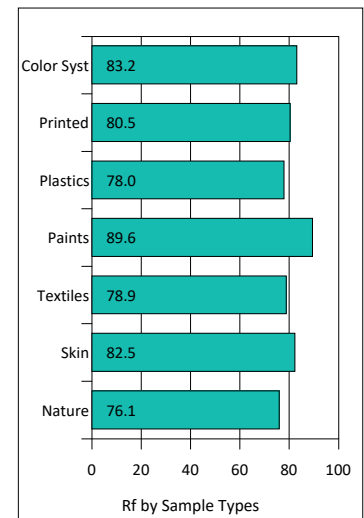
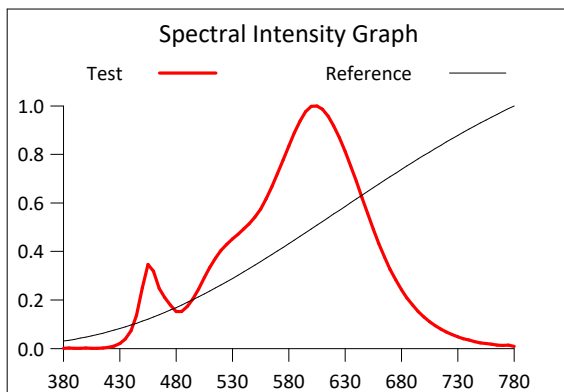
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Rf: 80.8 CCT(K): 2741 u': 0.2595
Rg: 90.9 LER: 342.0 Duv: 0.0041 v': 0.3550

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	72.8	-13.1%	1.5%
2	77.2	-9.4%	6.3%
3	78.2	-5.3%	8.8%
4	87.7	-4.9%	2.9%
5	91.6	-3.7%	2.9%
6	92.0	-3.1%	-1.3%
7	82.4	-9.7%	-2.1%
8	87.6	-6.0%	3.4%
9	80.6	-6.9%	7.8%
10	76.1	-3.6%	13.9%
11	78.5	1.1%	14.3%
12	83.7	6.4%	1.0%
13	84.4	2.6%	-10.1%
14	75.3	2.6%	-17.8%
15	80.5	-6.4%	-7.9%
16	69.3	-11.4%	-16.8%



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