

LED Test Report

Product Mark

Product Type : OR30s-F52-238DY2

Manufacturer : -

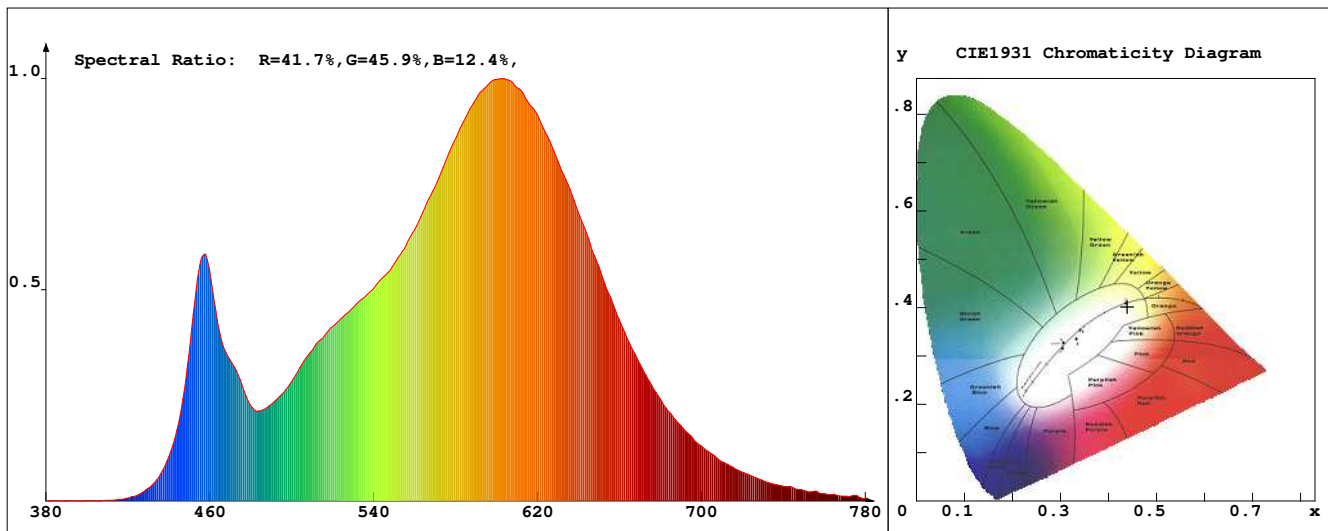
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark:



Chroma Parameters

Chro.Coord.: $x=0.4391$ $y=0.4019$ $u=0.2529$ $v=0.3472$ $duv=-0.0011$

CCT: 2946K Dominant Wave.: 583.5nm Purity: 52.4% Centre Wave: 596.1nm

Flux RGB Ratio: $R=22.2\%$, $G=75.9\%$, $B=1.9\%$ Peak Wave: 601.8nm Half Width: 113.0nm

Rendering Index: $R_a=80.4$ CRI= 78.1

 $R_1=79$ $R_2=92$ $R_3=93$ $R_4=77$ $R_5=80$ $R_6=91$ $R_7=78$ $R_8=53$ $R_9=-2$ $R_{10}=82$ $R_{11}=76$ $R_{12}=70$ $R_{13}=82$ $R_{14}=97$ $R_{15}=71$ PPF: 31.029 $\mu\text{mol/s}$ (400-700nm)

PRF: 6.4mW (400-700nm)

PAR: 5.7mW (400-700nm)

Photo Parameters

Flux: 2347.49lm Effi.: 135.9lm/W Radiant: 6601.8mW Iv: 0.0mcd

Scotopic Flux: 3157.9Plm Effi.: 0.0Plm/W S/P: 1.3

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 32028.000 $\mu\text{mol/s}$ (380-780nm)

Ele. Parameters

Forward Current: $I_f=722.0\text{mA}$ Reverse Voltage: $V_r=5.00\text{V}$ Forward Voltage: $V_f=23.93\text{V}$ Reverse Current: $I_r=0.00\mu\text{A}$ Power: $P=17.271\text{W}$

Instrument state

Instrument: Lisun LMS-8000

Integral Time: 62.734ms

VPeak: 13352

VDark: 1258

Scan Range: 380-780nm

Product ID: 201508924

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IES TM-30-2015 Test Report

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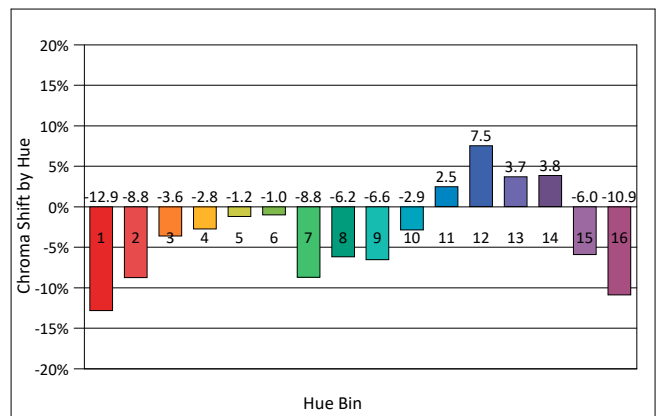
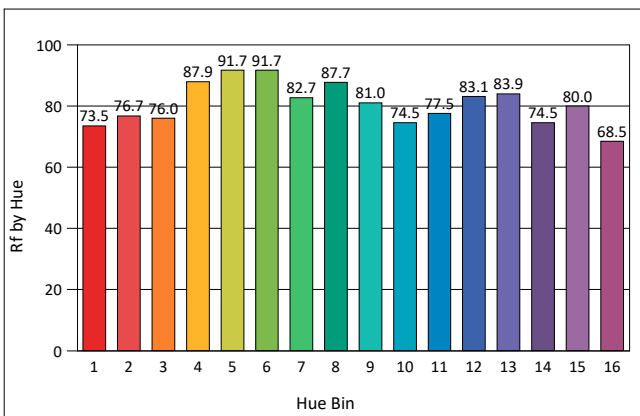
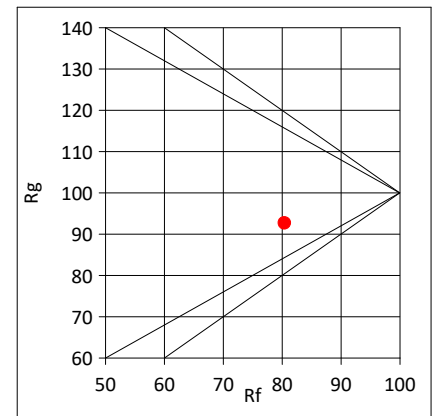
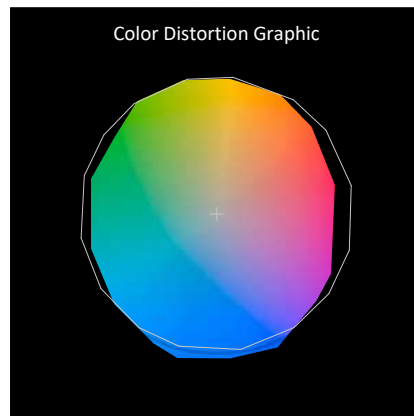
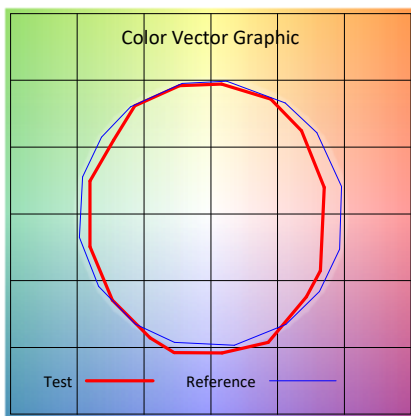
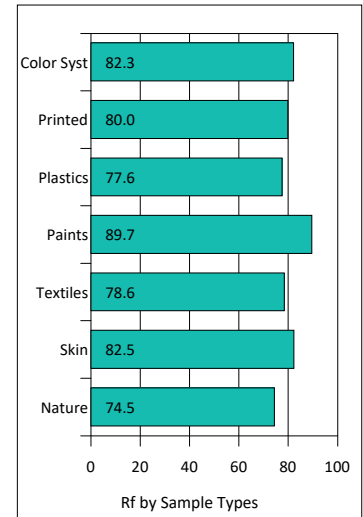
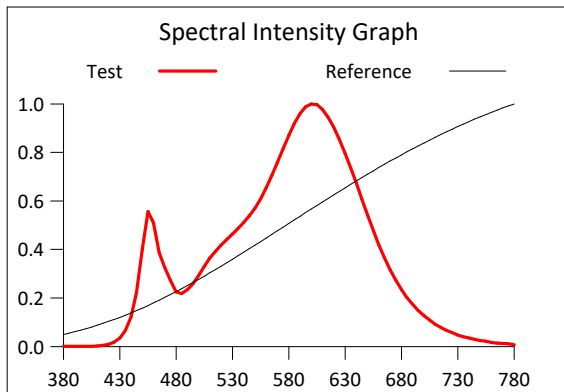
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Rf: 80.4 CCT(K): 2946 u': 0.2529
Rg: 92.7 LER: 334.0 Duv: -0.0011 v': 0.3472

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	73.5	-12.9%	1.7%
2	76.7	-8.8%	7.6%
3	76.0	-3.6%	10.6%
4	87.9	-2.8%	3.5%
5	91.7	-1.2%	2.2%
6	91.7	-1.0%	-3.0%
7	82.7	-8.8%	-3.3%
8	87.7	-6.2%	1.9%
9	81.0	-6.6%	8.4%
10	74.5	-2.9%	14.4%
11	77.5	2.5%	14.8%
12	83.1	7.5%	1.4%
13	83.9	3.7%	-10.0%
14	74.5	3.8%	-18.4%
15	80.0	-6.0%	-9.0%
16	68.5	-10.9%	-18.5%



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