

LED Test Report

Product Mark

Product Type : OR300-F52-240CZ2-W5

Manufacturer : -

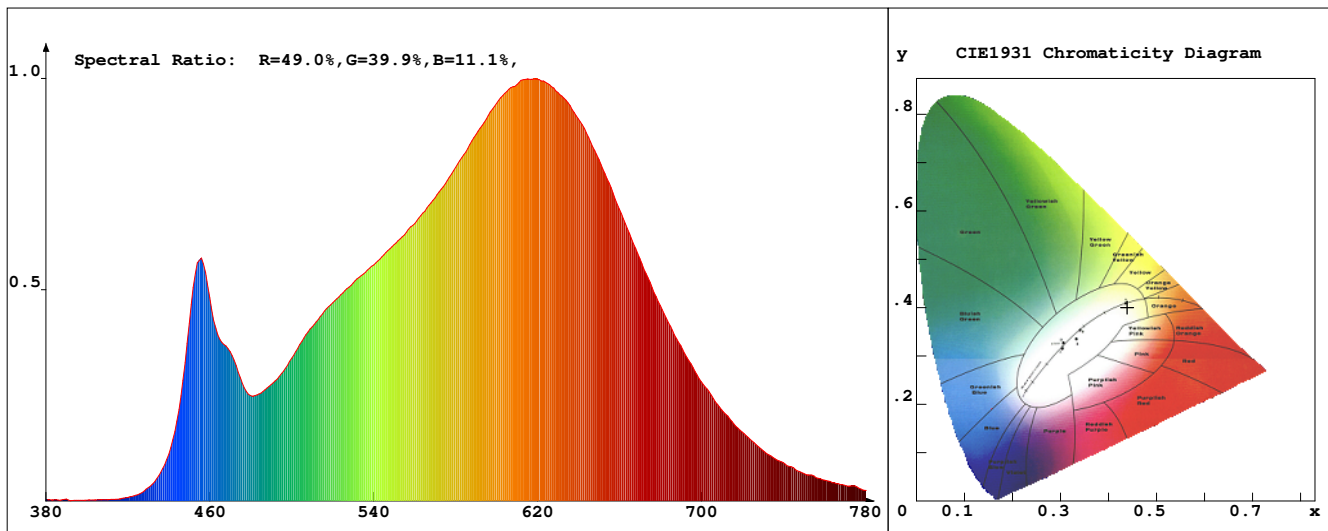
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark :



Chroma Parameters

Chro.Coord.: $x=0.4388$ $y=0.4005$ $u=0.2534$ $v=0.3468$ $duv=-0.0017$

CCT: 2938K Dominant Wave.: 583.7nm Purity: 51.9% Centre Wave: 600.6nm

Flux RGB Ratio: $R=23.8\%$, $G=74.2\%$, $B=2.0\%$ Peak Wave: 619.5nm Half Width: 149.3nm

Rendering Index: $R_a=91.3$ CRI= 89.2

 $R_1=92$ $R_2=97$ $R_3=98$ $R_4=91$ $R_5=92$ $R_6=96$ $R_7=89$ $R_8=77$ $R_9=52$ $R_{10}=93$ $R_{11}=91$ $R_{12}=80$ $R_{13}=94$ $R_{14}=100$ $R_{15}=87$ PPF: 17.467 $\mu\text{mol/s}$ (400-700nm)

PRF: 3.6mW (400-700nm)

PAR: 3.2mW (400-700nm)

Photo Parameters

Flux: 1169.91lm Effi.: 122.0lm/W Radiant: 3774.7mW Iv: 0.0mcd

Scotopic Flux: 1650.1Plm Effi.: 0.0Plm/W S/P: 1.4

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 18654.199 $\mu\text{mol/s}$ (380-780nm)

Ele. Parameters

Forward Current: $I_f=402.0\text{mA}$ Reverse Voltage: $V_r=5.00\text{V}$ Forward Voltage: $V_f=23.85\text{V}$ Reverse Current: $I_r=0.00\mu\text{A}$ Power: $P=9.601\text{W}$

Instrument state

Instrument: Lisun LMS-8000

Integral Time: 137.947ms

VPeak: 13720

VDark: 1278

Scan Range: 380-780nm

Product ID: 201508924

IES TM-30-2015 Test Report

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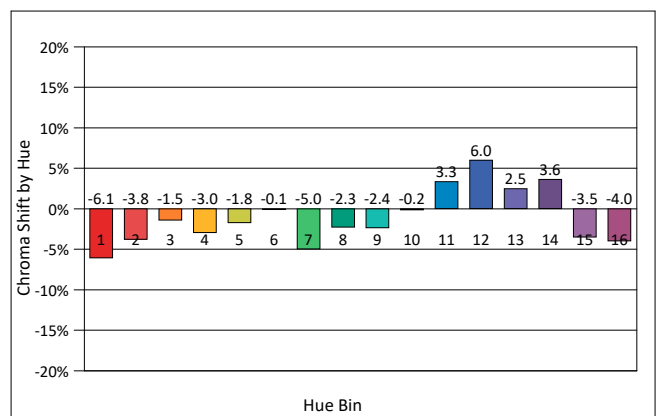
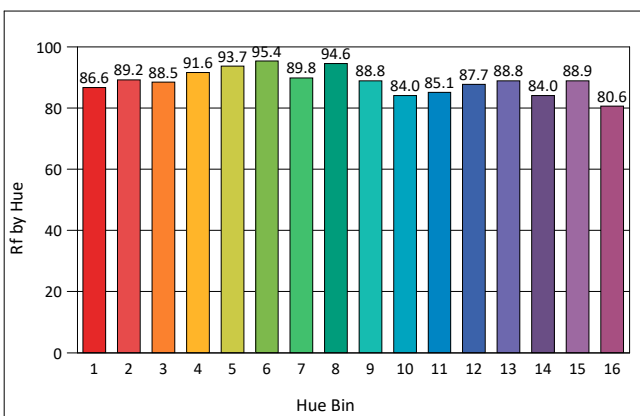
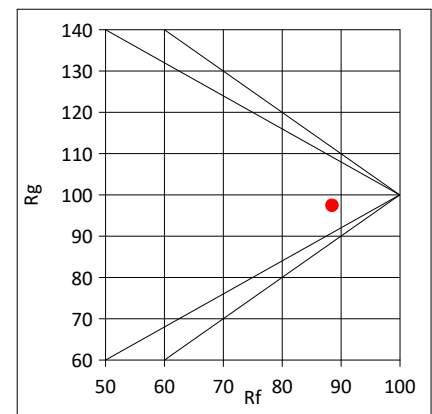
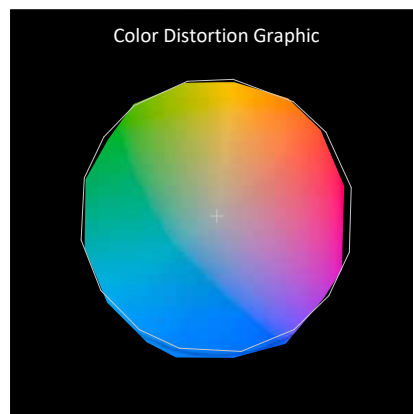
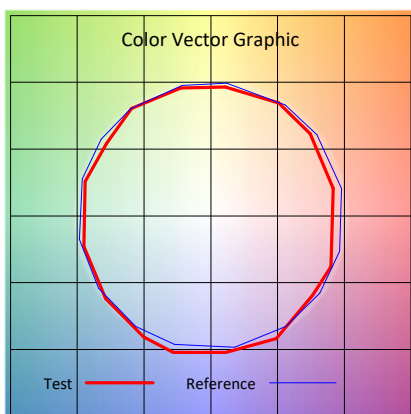
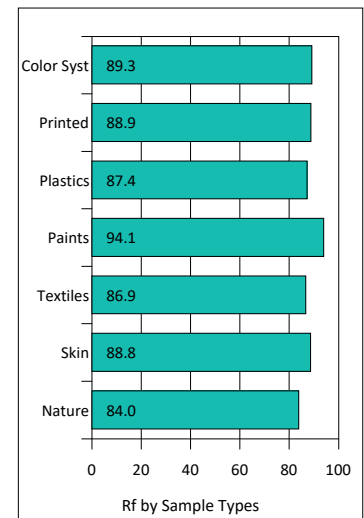
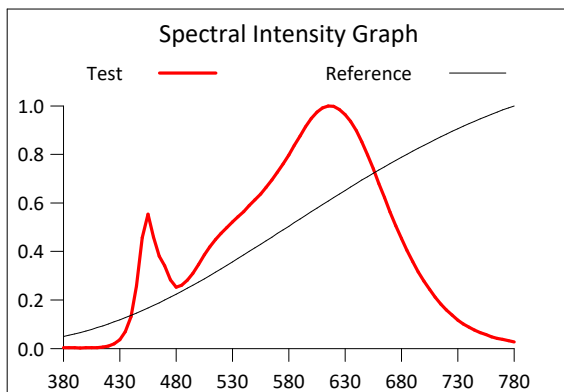
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Rf: 88.5 CCT(K): 2938 u': 0.2534
 Rg: 97.4 LER: 294.7 Duv: -0.0017 v': 0.3468

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	86.6	-6.1%	1.3%
2	89.2	-3.8%	3.4%
3	88.5	-1.5%	4.9%
4	91.6	-3.0%	0.4%
5	93.7	-1.8%	1.4%
6	95.4	-0.1%	-0.6%
7	89.8	-5.0%	0.2%
8	94.6	-2.3%	1.5%
9	88.8	-2.4%	5.8%
10	84.0	-0.2%	9.3%
11	85.1	3.3%	9.5%
12	87.7	6.0%	0.1%
13	88.8	2.5%	-7.1%
14	84.0	3.6%	-11.0%
15	88.9	-3.5%	-3.9%
16	80.6	-4.0%	-12.7%



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