

LED Test Report

Product Mark

Product Type : ORCo300-F52-120812

Manufacturer : -

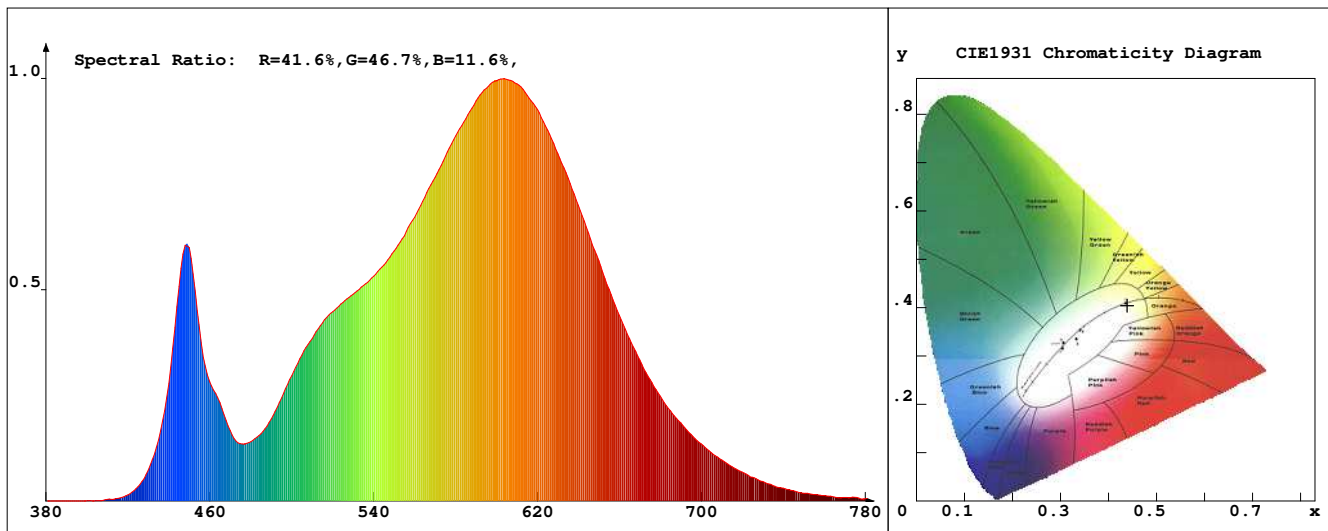
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark:



Chroma Parameters

Chro.Coord.: $x=0.4392$ $y=0.4041$ $u=0.2520$ $v=0.3478$ $duv=-0.0003$

CCT: 2962K Dominant Wave.: 583.1nm Purity: 53.1% Centre Wave: 592.6nm

Flux RGB Ratio: $R=21.9\%$, $G=76.6\%$, $B=1.4\%$ Peak Wave: 601.8nm Half Width: 122.1nm

Rendering Index: $R_a=80.1$ CRI= 77.3

R1 =77	R2 =88	R3 =97	R4 =81	R5 =80	R6 =86	R7 =79	R8 =54
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R9 =-2	R10=73	R11=80	R12=68	R13=79	R14=99	R15=69	
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PPF: 14.019 $\mu\text{mol/s}$ (400-700nm)

PRF: 2.9mW (400-700nm)

PAR: 2.6mW (400-700nm)

Photo Parameters

Flux: 1055.63lm Effi.: 98.7lm/W Radiant: 2978.2mW Iv: 0.0mcd

Scotopic Flux: 1374.6Plm Effi.: 0.0Plm/W S/P: 1.3

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 14433.500 $\mu\text{mol/s}$ (380-780nm)

Ele. Parameters

Forward Current: $I_f=446.0\text{mA}$ Reverse Voltage: $V_r=5.00\text{V}$ Forward Voltage: $V_f=23.98\text{V}$ Reverse Current: $I_r=0.00\mu\text{A}$ Power: $P=10.700\text{W}$

Instrument state

Instrument: Lisun LMS-8000

Integral Time: 160.802ms

VPeak: 14872

VDark: 1159

Scan Range: 380-780nm

Product ID: 201508924

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IES TM-30-2015 Test Report

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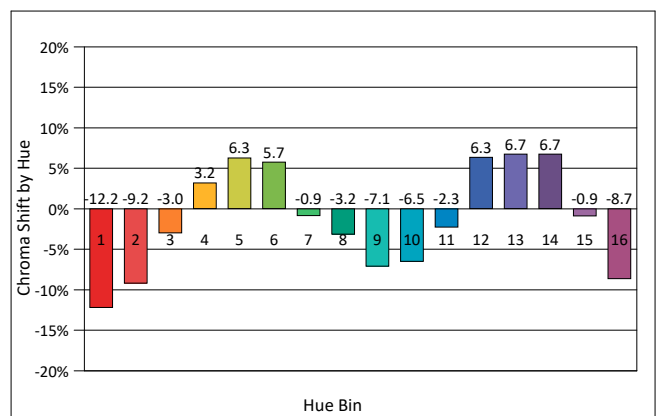
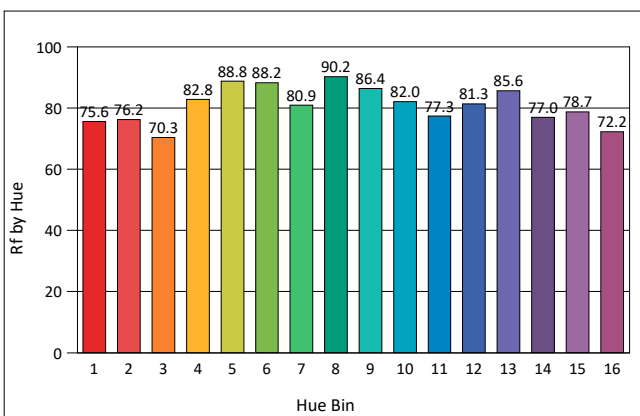
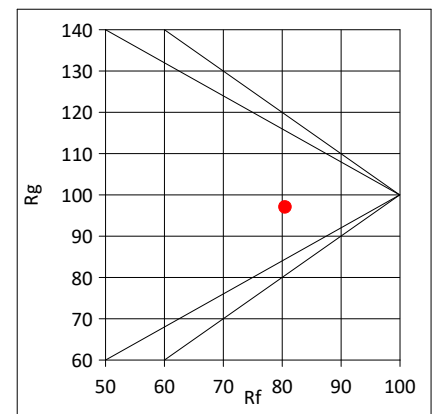
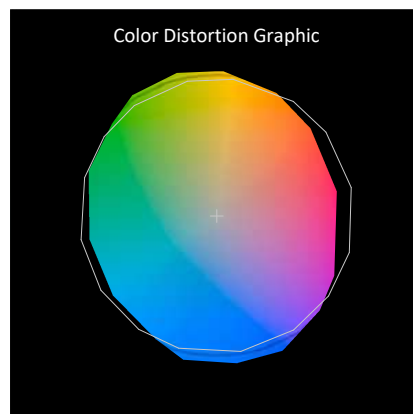
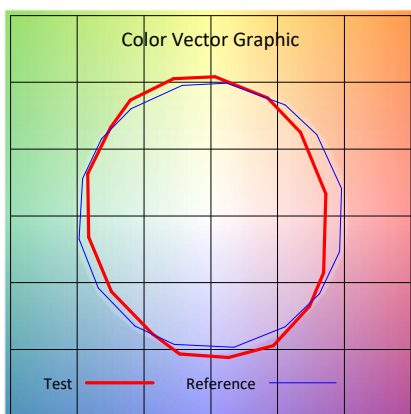
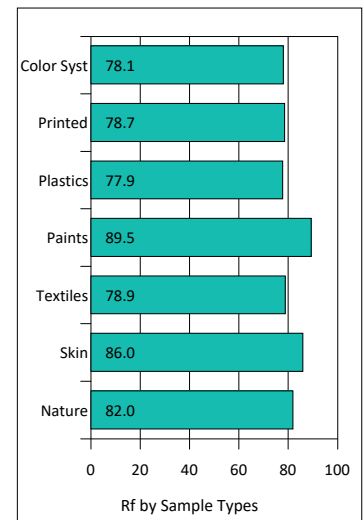
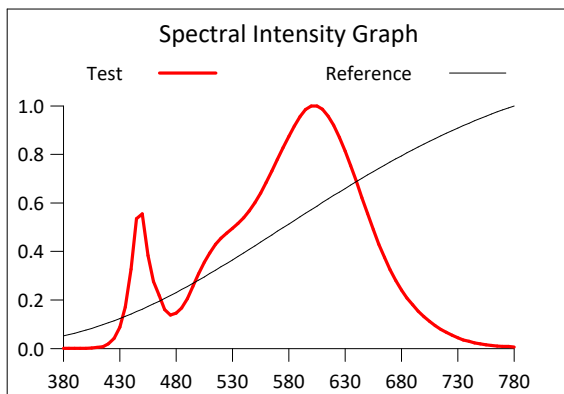
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Rf: 80.5 CCT(K): 2962 u': 0.2520
 Rg: 97.0 LER: 336.8 Duv: -0.0003 v': 0.3478

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	75.6	-12.2%	-1.6%
2	76.2	-9.2%	8.0%
3	70.3	-3.0%	13.8%
4	82.8	3.2%	9.4%
5	88.8	6.3%	5.5%
6	88.2	5.7%	-3.3%
7	80.9	-0.9%	-10.6%
8	90.2	-3.2%	-4.2%
9	86.4	-7.1%	0.1%
10	82.0	-6.5%	7.7%
11	77.3	-2.3%	14.0%
12	81.3	6.3%	5.5%
13	85.6	6.7%	-5.6%
14	77.0	6.7%	-15.4%
15	78.7	-0.9%	-11.8%
16	72.2	-8.7%	-17.8%



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