

LED Test Report

Product Mark

Product Type : OR600-F52-528OR2

Manufacturer : -

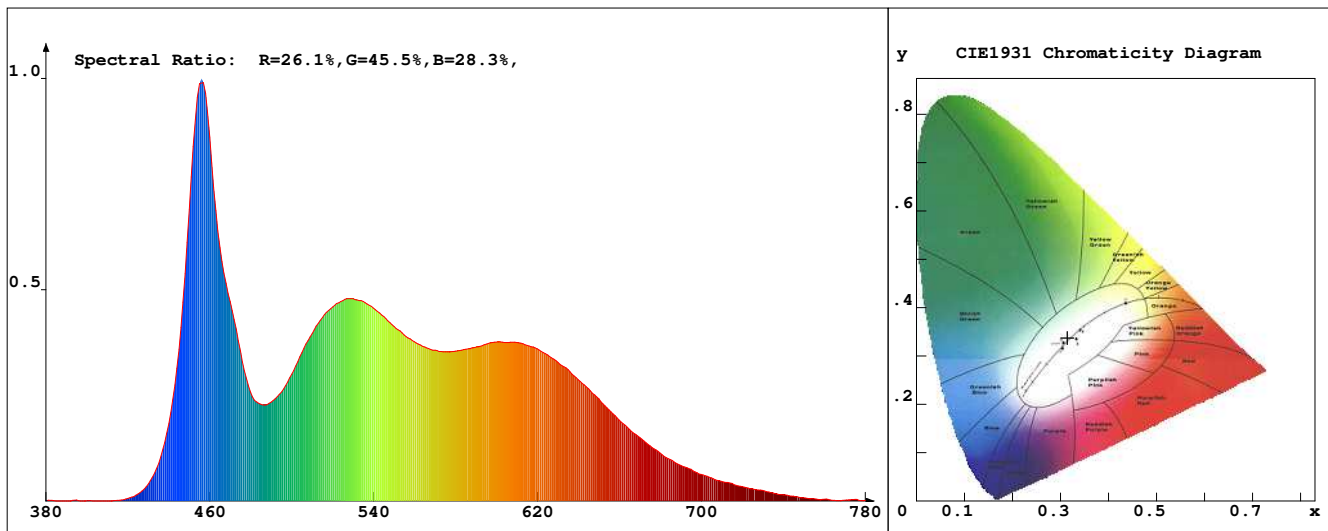
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark :



Chroma Parameters

Chro.Coord.: $x=0.3145$ $y=0.3372$ $u=0.1960$ $v=0.3153$ $duv=0.0064$

CCT: 6357K Dominant Wave.: 494.4nm Purity: 6.1% Centre Wave: 457.0nm

Flux RGB Ratio: $R=14.7\%$, $G=80.9\%$, $B=4.4\%$ Peak Wave: 454.8nm Half Width: 21.5nm

Rendering Index: $R_a=93.0$ CRI= 89.5

$R_1=95$	$R_2=96$	$R_3=94$	$R_4=93$	$R_5=92$	$R_6=92$	$R_7=95$	$R_8=87$
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$R_9=64$	$R_{10}=88$	$R_{11}=93$	$R_{12}=60$	$R_{13}=96$	$R_{14}=97$	$R_{15}=91$	
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PPF: 23.521 $\mu\text{mol/s}$ (400–700nm)

PRF: 5.2mW (400–700nm)

PAR: 4.3mW (400–700nm)

Photo Parameters

Flux: 1688.13lm Effi.: 120.7lm/W Radiant: 5265.7mW Iv: 0.0mcd

Scotopic Flux: 3975.0Plm Effi.: 0.0Plm/W S/P: 2.4

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 24053.000 $\mu\text{mol/s}$ (380–780nm)

Ele. Parameters

Forward Current: $I_f=580.0\text{mA}$ Reverse Voltage: $V_r=5.00\text{V}$ Forward Voltage: $V_f=24.11\text{V}$ Reverse Current: $I_r=0.00\mu\text{A}$ Power: $P=14.001\text{W}$

Instrument state

Instrument: Lisun LMS-8000

Integral Time: 50.914ms

VPeak: 13528

VDark: 1223

Scan Range: 380–780nm

Product ID: 201508924

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IES TM-30-2015 Test Report

Product Mark

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Temperature : 'C

Operator : -

Remark :

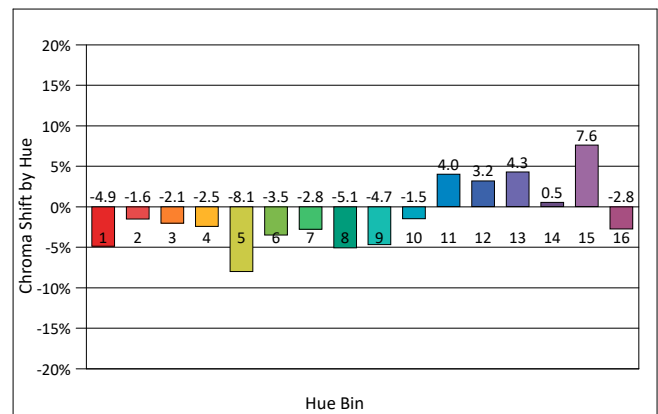
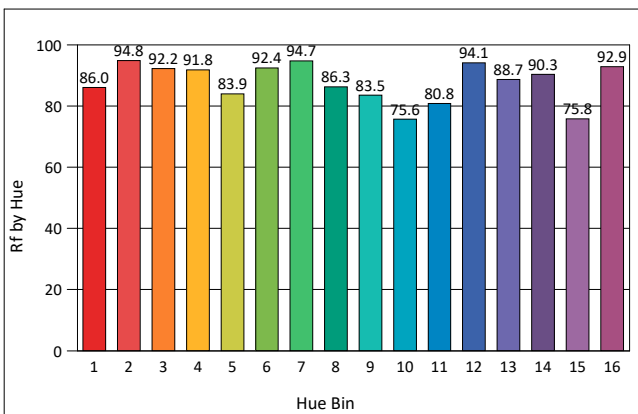
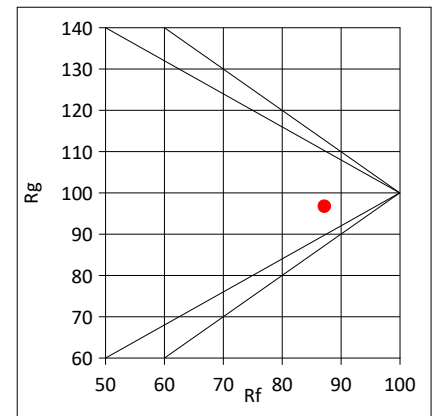
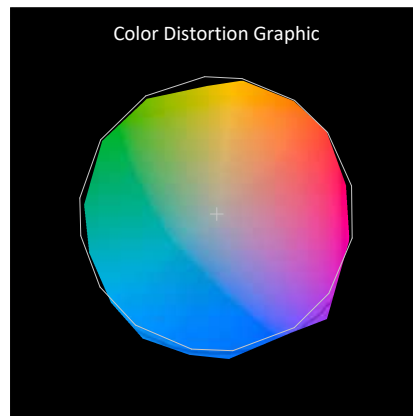
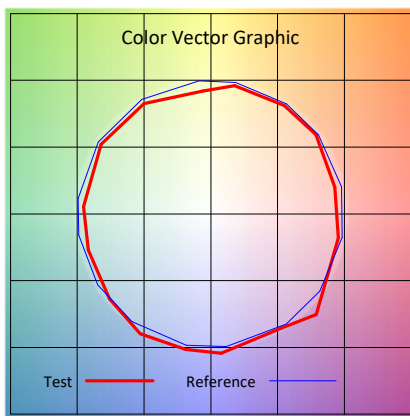
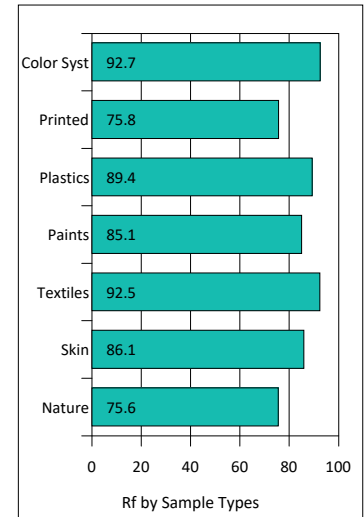
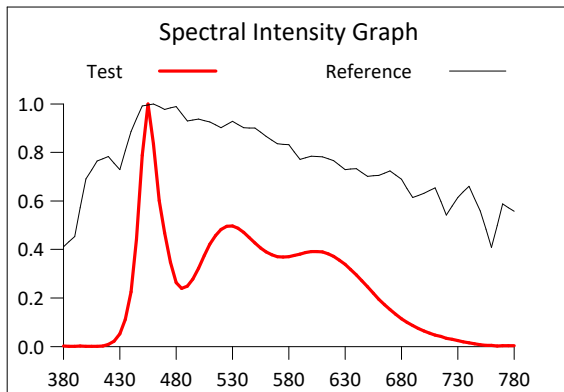
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Rf: 87.2 CCT(K): 6357 u': 0.1960
 Rg: 96.7 LER: 299.5 Duv: 0.0064 v': 0.3153

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	86.0	-4.9%	0.6%
2	94.8	-1.6%	1.2%
3	92.2	-2.1%	0.7%
4	91.8	-2.5%	0.2%
5	83.9	-8.1%	-1.1%
6	92.4	-3.5%	0.4%
7	94.7	-2.8%	0.1%
8	86.3	-5.1%	5.1%
9	83.5	-4.7%	12.5%
10	75.6	-1.5%	13.8%
11	80.8	4.0%	10.2%
12	94.1	3.2%	0.2%
13	88.7	4.3%	-4.8%
14	90.3	0.5%	-4.3%
15	75.8	7.6%	-16.0%
16	92.9	-2.8%	-1.0%



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