

LED Test Report

Product Mark

Product Type : OR600-F52-528OR2

Manufacturer : -

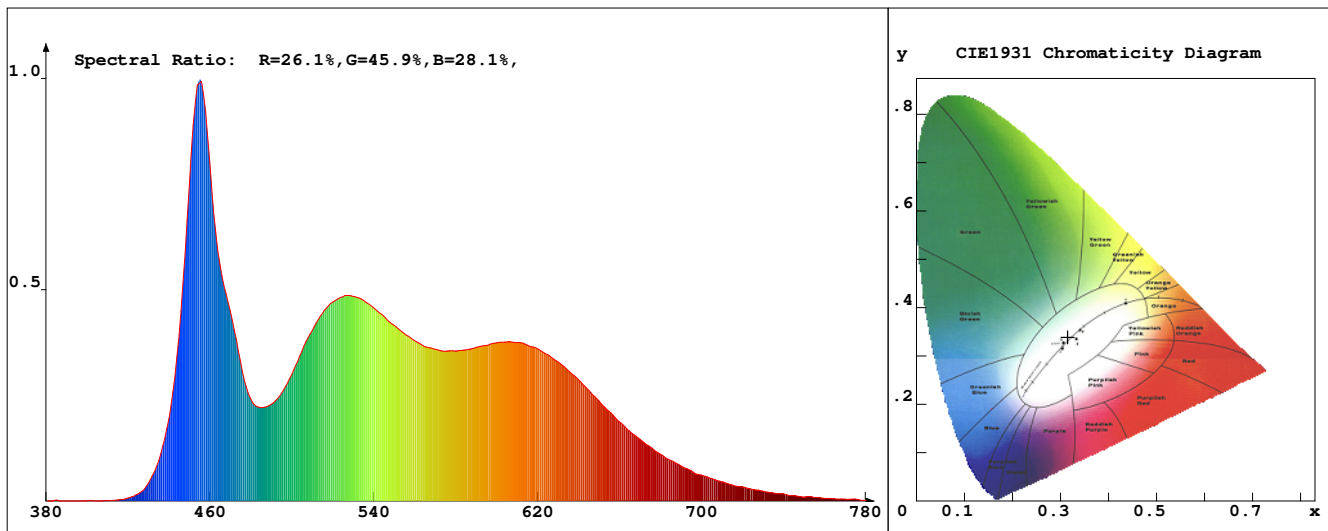
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark :



Chroma Parameters

Chro.Coord.: $x=0.3150$ $y=0.3389$ $u=0.1958$ $v=0.3159$ $duv=0.0070$

CCT: 6322K Dominant Wave.: 495.7nm Purity: 5.9% Centre Wave: 456.2nm

Flux RGB Ratio: R=14.6%, G=81.1%, B=4.3% Peak Wave: 453.8nm Half Width: 20.7nm

Rendering Index: Ra= 92.4 CRI= 88.5

R1 =94 R2 =95 R3 =93 R4 =94 R5 =91 R6 =91 R7 =95 R8 =87

R9 =61 R10=85 R11=93 R12=60 R13=94 R14=96 R15=90

PPF: 23.170 $\mu\text{mol/s}$ (400–700nm)

PRF: 5.1mW (400–700nm)

PAR: 4.3mW (400–700nm)

Photo Parameters

Flux: 1663.09lm Effi.: 125.2lm/W Radiant: 5192.1mW Iv: 0.0mcd

Scotopic Flux: 3892.1Plm Effi.: 0.0Plm/W S/P: 2.3

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 23716.100 $\mu\text{mol/s}$ (380–780nm)

Ele. Parameters

Forward Current: $I_f=553.0\text{mA}$ Reverse Voltage: $V_r=5.00\text{V}$ Forward Voltage: $V_f=24.02\text{V}$ Reverse Current: $I_r=0.00\mu\text{A}$ Power: $P=13.301\text{W}$

Instrument state

Instrument: Lisun LMS-8000

Integral Time: 51.795ms

VPeak: 13560

VDark: 1128

Scan Range: 380–780nm

Product ID: 201508924

IES TM-30-2015 Test Report

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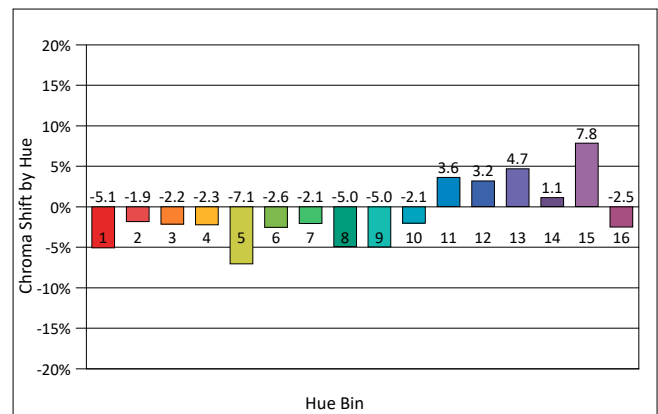
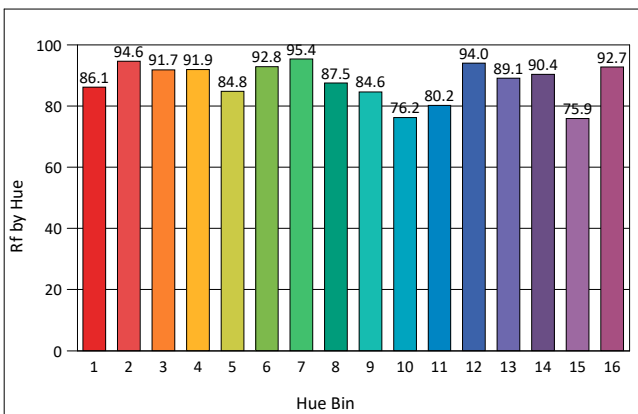
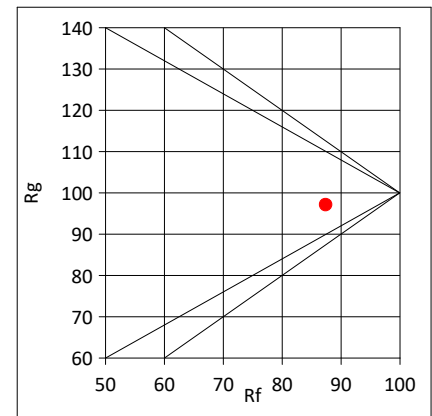
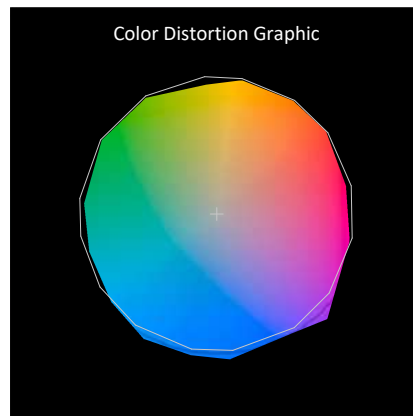
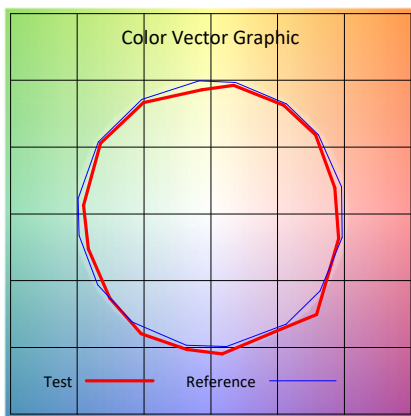
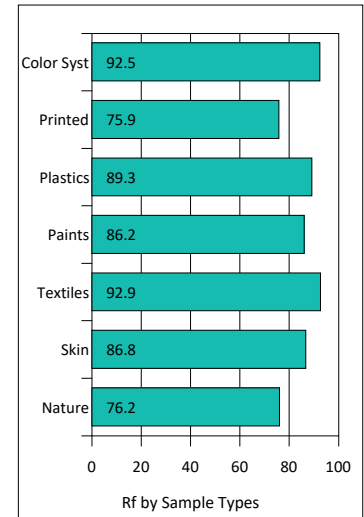
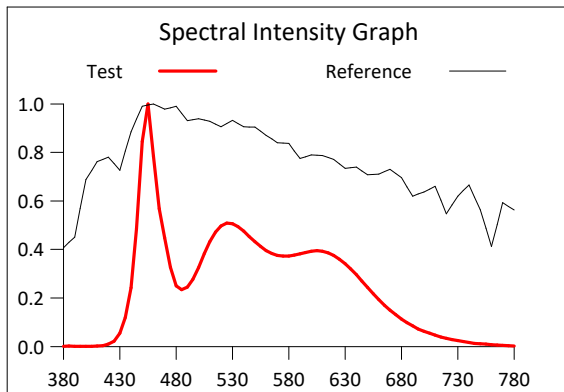
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Rf: 87.4 CCT(K): 6322 u': 0.1958
Rg: 97.1 LER: 301.0 Duv: 0.0070 v': 0.3159

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	86.1	-5.1%	0.2%
2	94.6	-1.9%	1.2%
3	91.7	-2.2%	1.3%
4	91.9	-2.3%	0.9%
5	84.8	-7.1%	-0.6%
6	92.8	-2.6%	0.4%
7	95.4	-2.1%	-0.3%
8	87.5	-5.0%	4.1%
9	84.6	-5.0%	11.4%
10	76.2	-2.1%	13.4%
11	80.2	3.6%	10.7%
12	94.0	3.2%	0.9%
13	89.1	4.7%	-4.3%
14	90.4	1.1%	-4.3%
15	75.9	7.8%	-16.2%
16	92.7	-2.5%	-1.7%



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