

LED Test Report

Product Mark

Product Type : OR300-F52-600OR2

Manufacturer : -

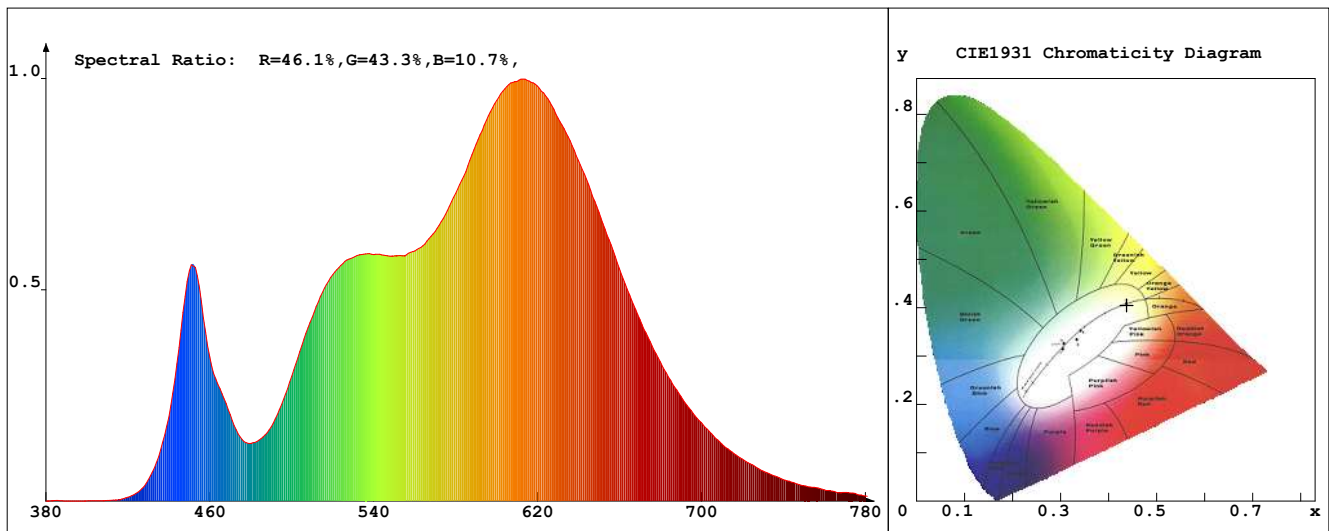
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-04-11

Remark:



Chroma Parameters

Chro.Coord.: $x=0.4380$ $y=0.4050$ $u=0.2509$ $v=0.3479$ $duv=0.0002$

CCT: 2989K Dominant Wave.: 582.8nm Purity: 53.0% Centre Wave: 588.7nm

Flux RGB Ratio: R=23.7%, G=74.9%, B=1.5% Peak Wave: 612.6nm Half Width: 147.7nm

Rendering Index: Ra= 91.2 CRI= 88.3

R1 =93 R2 =95 R3 =97 R4 =94 R5 =92 R6 =95 R7 =90 R8 =75

R9 =41 R10=87 R11=95 R12=78 R13=94 R14=97 R15=85

PPF: 28.078 $\mu\text{mol/s}$ (400-700nm)

PRF: 5.8mW (400-700nm)

PAR: 5.1mW (400-700nm)

Photo Parameters

Flux: 1990.31lm Effi.: 85.2lm/W Radiant: 5992.8mW Iv: 0.0mcd

Scotopic Flux: 2745.0Plm Effi.: 0.0Plm/W S/P: 1.4

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 29324.900 $\mu\text{mol/s}$ (380-780nm)

Ele. Parameters

Forward Current: $I_f=978.0\text{mA}$ Reverse Voltage: $V_r=5.00\text{V}$ Forward Voltage: $V_f=23.90\text{V}$ Reverse Current: $I_r=0.00\mu\text{A}$ Power: $P=23.400\text{W}$

Instrument state

Instrument: Lisun LMS-8000

Integral Time: 99.122ms

VPeak: 15768

VDark: 1283

Scan Range: 380-780nm

Product ID: 201508924

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IES TM-30-2015 Test Report

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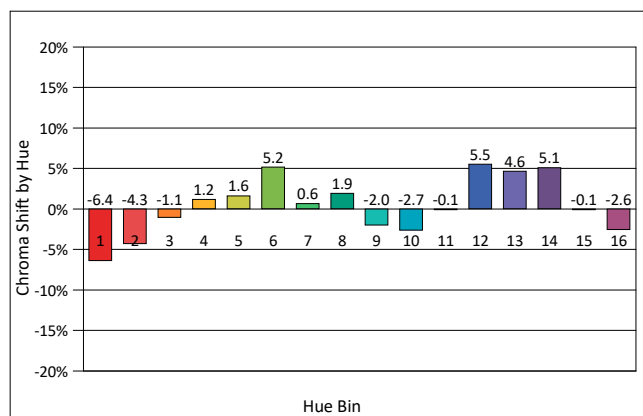
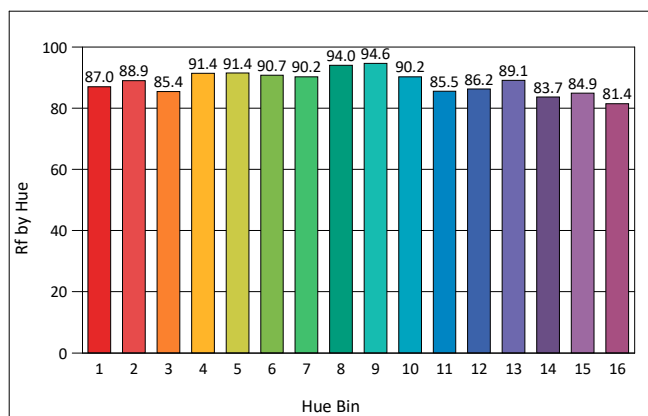
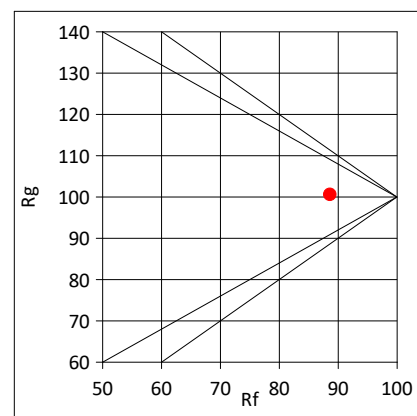
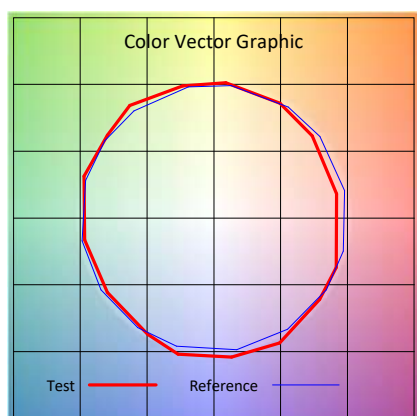
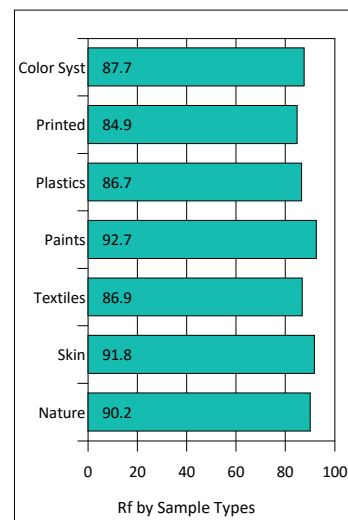
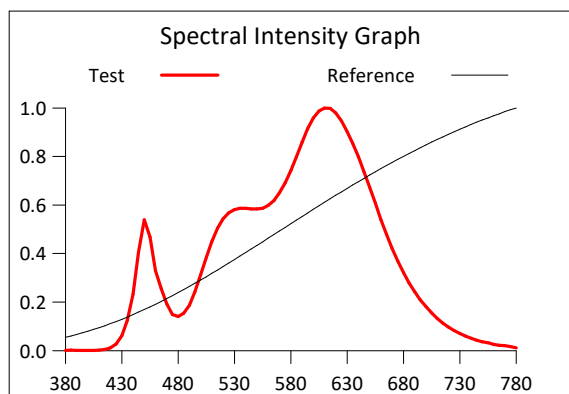
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Rf: 88.6 CCT(K): 2989 u': 0.2509
Rg: 100.6 LER: 316.2 Duv: 0.0002 v': 0.3479

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	87.0	-6.4%	-1.0%
2	88.9	-4.3%	3.6%
3	85.4	-1.1%	6.7%
4	91.4	1.2%	4.5%
5	91.4	1.6%	4.1%
6	90.7	5.2%	0.4%
7	90.2	0.6%	-4.6%
8	94.0	1.9%	-2.9%
9	94.6	-2.0%	-0.2%
10	90.2	-2.7%	4.4%
11	85.5	-0.1%	9.0%
12	86.2	5.5%	2.3%
13	89.1	4.6%	-4.9%
14	83.7	5.1%	-10.8%
15	84.9	-0.1%	-8.9%
16	81.4	-2.6%	-13.0%



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