

LED Test Report

Product Mark

Product Type : OR300-F52-1600OR2

Manufacturer : -

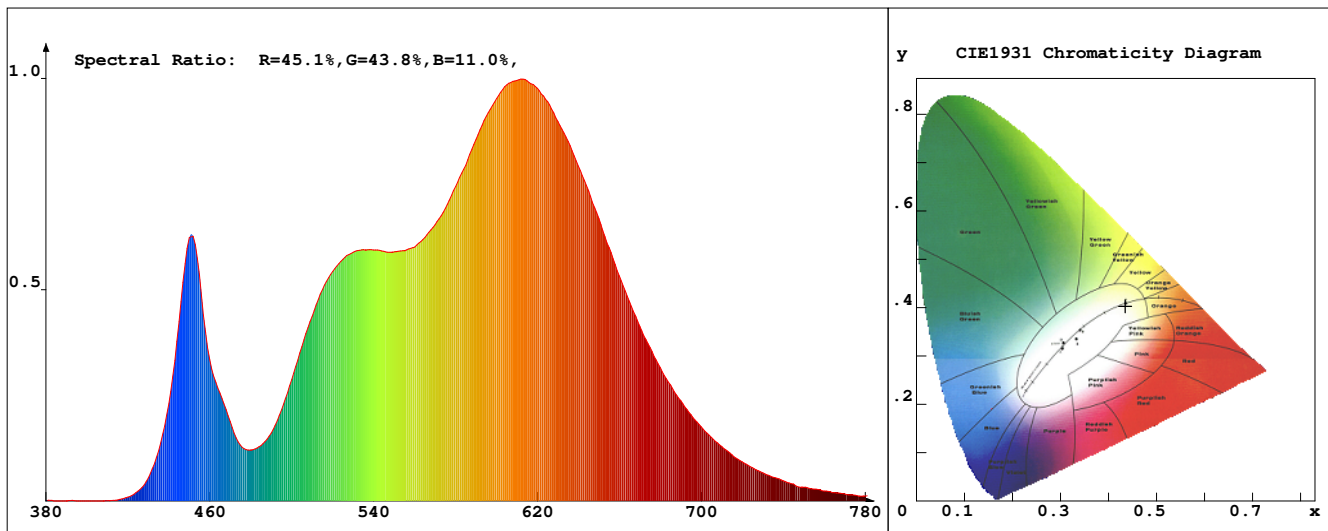
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark:



Chroma Parameters

Chro.Coord.: $x=0.4347$ $y=0.4027$ $u=0.2497$ $v=0.3470$ $duv=-0.0003$

CCT: 3026K Dominant Wave.: 582.8nm Purity: 51.4% Centre Wave: 587.7nm

Flux RGB Ratio: R=23.3%, G=75.3%, B=1.4% Peak Wave: 612.6nm Half Width: 147.3nm

Rendering Index: Ra= 90.0 CRI= 86.8

R1 =92 R2 =94 R3 =96 R4 =92 R5 =90 R6 =93 R7 =90 R8 =74

R9 =37 R10=85 R11=94 R12=76 R13=92 R14=97 R15=84

PPF: 54.147 $\mu\text{mol/s}$ (400-700nm)

PRF: 11.2mW (400-700nm)

PAR: 9.9mW (400-700nm)

Photo Parameters

Flux: 3909.50lm Effi.: 108.7lm/W Radiant: 11552.6mW Iv: 0.0mcd

Scotopic Flux: 5385.1Plm Effi.: 0.0Plm/W S/P: 1.4

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 56373.102 $\mu\text{mol/s}$ (380-780nm)

Ele. Parameters

Forward Current: $I_f=1499.0\text{mA}$ Reverse Voltage: $V_r=5.00\text{V}$ Forward Voltage: $V_f=24.00\text{V}$ Reverse Current: $I_r=0.00\mu\text{A}$ Power: $P=36.011\text{W}$

Instrument state

Instrument: Lisun LMS-8000

Integral Time: 48.299ms

VPeak: 14808

VDark: 1299

Scan Range: 380-780nm

Product ID: 201508924

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IES TM-30-2015 Test Report

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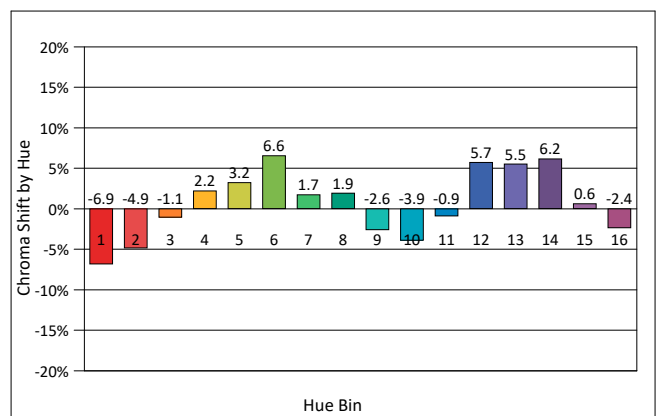
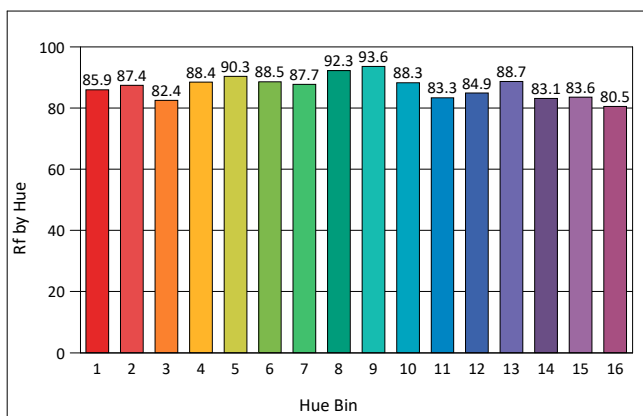
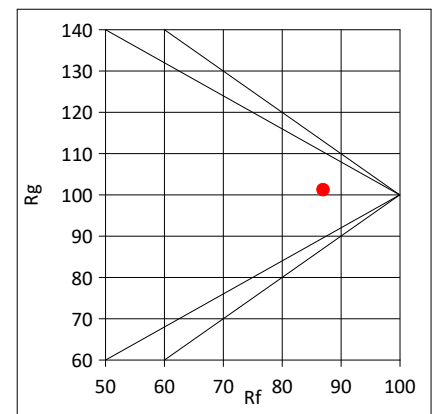
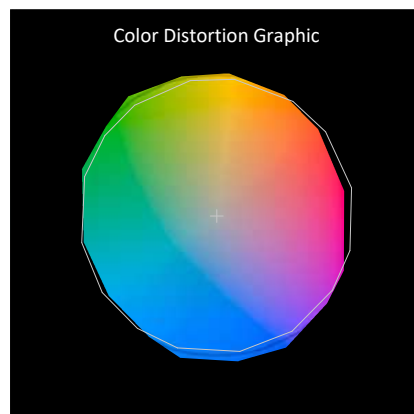
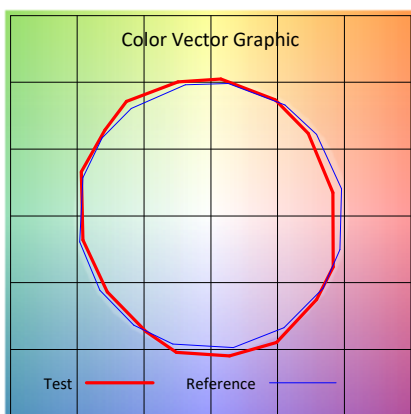
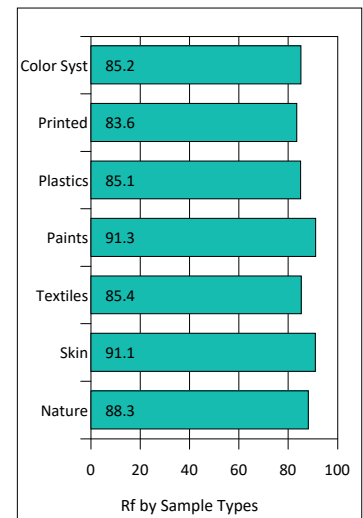
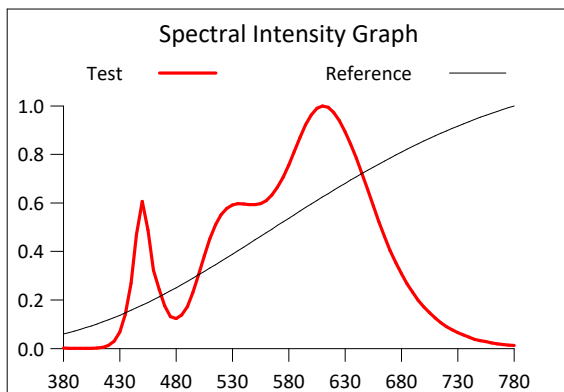
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Rf: 87.0 CCT(K): 3026 u': 0.2497
Rg: 101.2 LER: 319.4 Duv: -0.0003 v': 0.3470

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	85.9	-6.9%	-1.5%
2	87.4	-4.9%	4.2%
3	82.4	-1.1%	8.1%
4	88.4	2.2%	6.1%
5	90.3	3.2%	5.0%
6	88.5	6.6%	0.0%
7	87.7	1.7%	-6.1%
8	92.3	1.9%	-4.0%
9	93.6	-2.6%	-0.8%
10	88.3	-3.9%	4.1%
11	83.3	-0.9%	10.3%
12	84.9	5.7%	3.9%
13	88.7	5.5%	-3.9%
14	83.1	6.2%	-10.6%
15	83.6	0.6%	-9.7%
16	80.5	-2.4%	-13.8%



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