

LED Test Report

Product Mark

Product Type : OR300-FA2-4800R2

Manufacturer : -

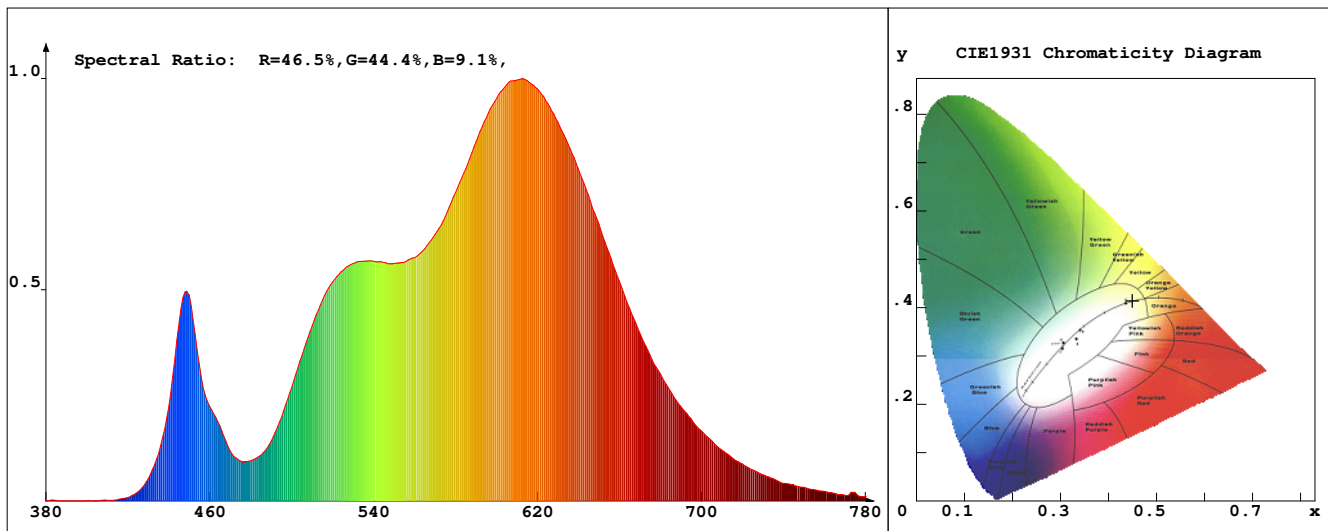
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark:



Chroma Parameters

Chro.Coord.: $x=0.4494$ $y=0.4142$ $u=0.2542$ $v=0.3514$ $duv=0.0024$

CCT: 2882K Dominant Wave.: 582.6nm Purity: 59.2% Centre Wave: 588.6nm

Flux RGB Ratio: R=23.9%, G=75.0%, B=1.1% Peak Wave: 612.6nm Half Width: 143.4nm

Rendering Index: Ra= 88.6 CRI= 85.3

R1 =89 R2 =92 R3 =95 R4 =92 R5 =89 R6 =93 R7 =88 R8 =70

R9 =30 R10=81 R11=95 R12=76 R13=90 R14=96 R15=81

PPF: 14.830 $\mu\text{mol/s}$ (400–700nm)

PRF: 3.0mW (400–700nm)

PAR: 2.7mW (400–700nm)

Photo Parameters

Flux: 1069.97lm Effi.: 113.3lm/W Radiant: 3145.6mW Iv: 0.0mcd

Scotopic Flux: 1384.1Plm Effi.: 0.0Plm/W S/P: 1.3

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 15429.900 $\mu\text{mol/s}$ (380–780nm)

Ele. Parameters

Forward Current: $I_f=393.0\text{mA}$ 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: $P=9.450\text{W}$

Instrument state

Instrument: Lisun LMS-8000

Integral Time: 170.236ms

VPeak: 14904

VDark: 1358

Scan Range: 380–780nm

Product ID: 201508924

IES TM-30-2015 Test Report

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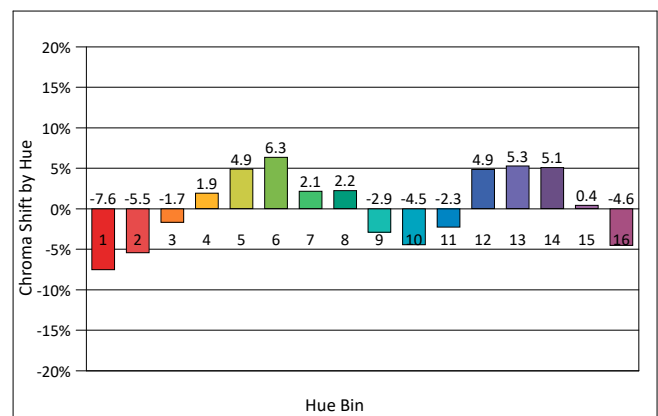
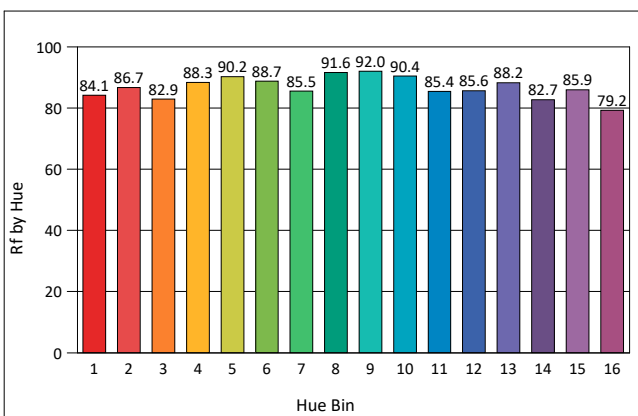
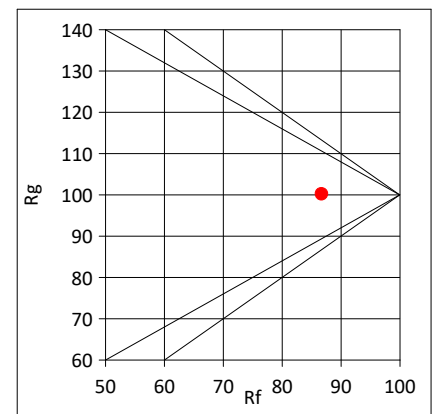
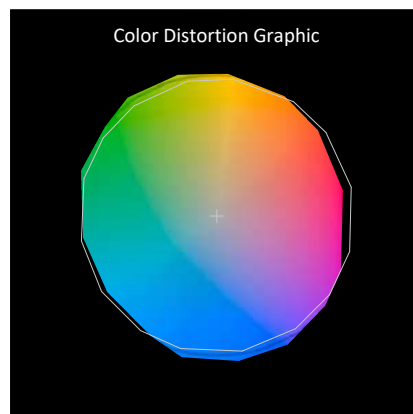
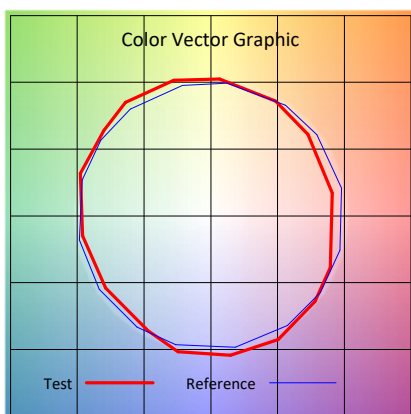
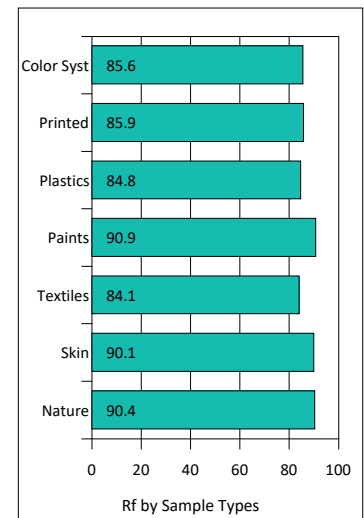
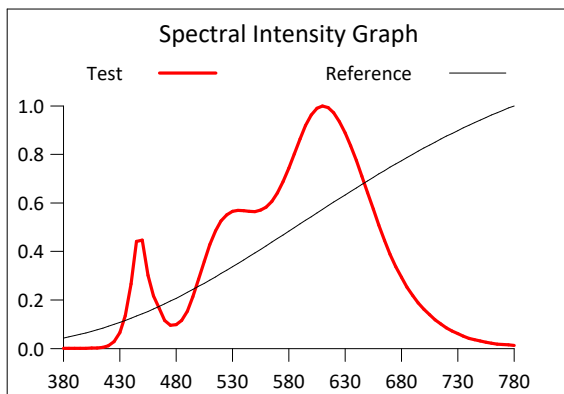
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Rf: 86.7 CCT(K): 2882 u': 0.2542
 Rg: 100.2 LER: 325.2 Duv: 0.0024 v': 0.3514

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	84.1	-7.6%	-2.1%
2	86.7	-5.5%	4.1%
3	82.9	-1.7%	7.8%
4	88.3	1.9%	5.9%
5	90.2	4.9%	5.5%
6	88.7	6.3%	0.1%
7	85.5	2.1%	-7.5%
8	91.6	2.2%	-4.3%
9	92.0	-2.9%	-2.8%
10	90.4	-4.5%	2.0%
11	85.4	-2.3%	8.3%
12	85.6	4.9%	2.7%
13	88.2	5.3%	-4.9%
14	82.7	5.1%	-11.6%
15	85.9	0.4%	-7.8%
16	79.2	-4.6%	-13.9%



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