

LED Test Report

Product Mark

Product Type : OR300-F52-4800R4

Manufacturer : -

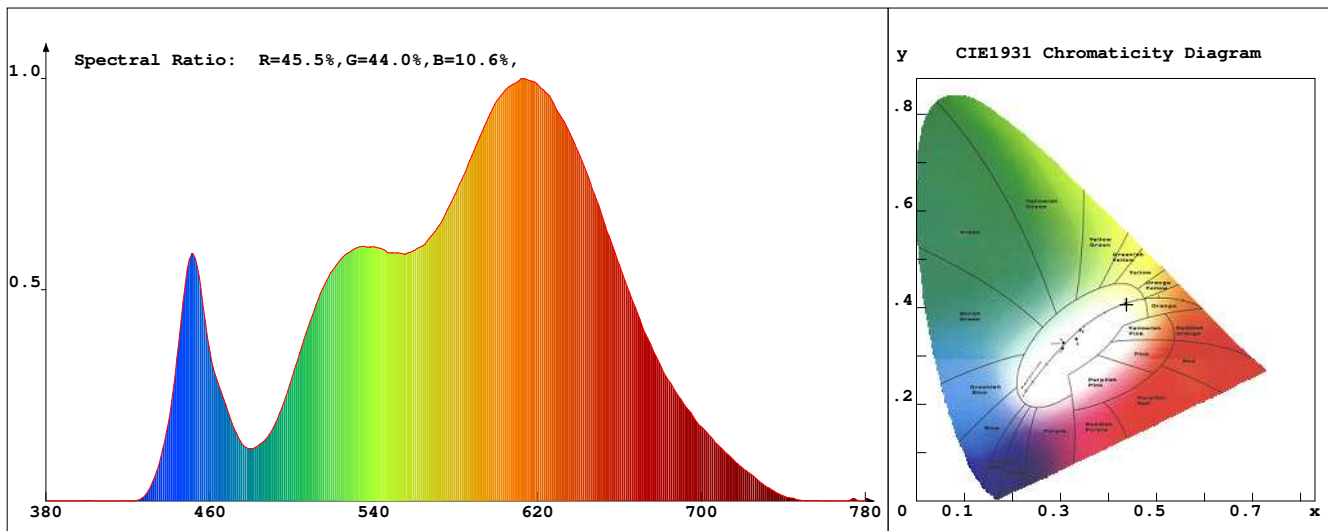
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark:



Chroma Parameters

Chro.Coord.: $x=0.4379$ $y=0.4060$ $u=0.2504$ $v=0.3482$ $duv=0.0006$

CCT: 2999K Dominant Wave.: 582.6nm Purity: 53.3% Centre Wave: 588.5nm

Flux RGB Ratio: R=23.6%, G=75.0%, B=1.4% Peak Wave: 612.6nm Half Width: 149.3nm

Rendering Index: Ra= 91.4 CRI= 88.2

R1 =93 R2 =95 R3 =96 R4 =94 R5 =92 R6 =94 R7 =91 R8 =77

R9 =44 R10=86 R11=95 R12=76 R13=94 R14=97 R15=86

PPF: 9.876 μ mol/s (400-700nm)

PRF: 2.0mW (400-700nm)

PAR: 1.8mW (400-700nm)

Photo Parameters

Flux: 696.76lm Effi.: 86.1lm/W Radiant: 2079.5mW Iv: 0.0mcd

Scotopic Flux: 960.0Plm Effi.: 0.0Plm/W S/P: 1.4

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 10144.500 μ mol/s (380-780nm)

Ele. Parameters

Forward Current: If=170.0mA

Reverse Voltage: Vr=5.00V

Forward Voltage: Vf=47.58V

Reverse Current: Ir=0.00uA

Power: P=8.101W

Instrument state

Instrument: Lisun LMS-8000

Integral Time: 209.445ms

VPeak: 12248

VDark: 1237

Scan Range: 380-780nm

Product ID: 201508924

IES TM-30-2015 Test Report

Product Mark

Product Type : OR300-F52-4800R4

Temperature : 'C

Operator : -

Remark :

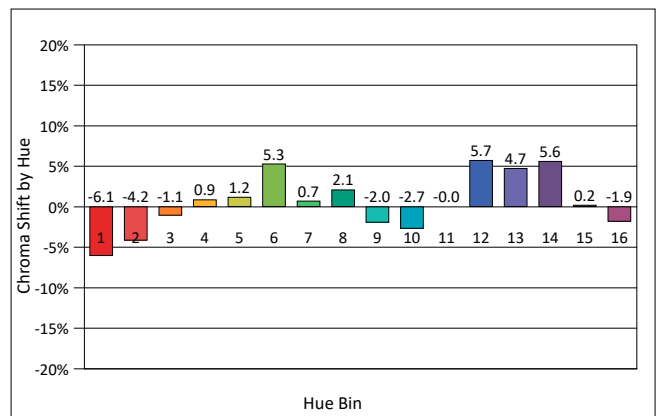
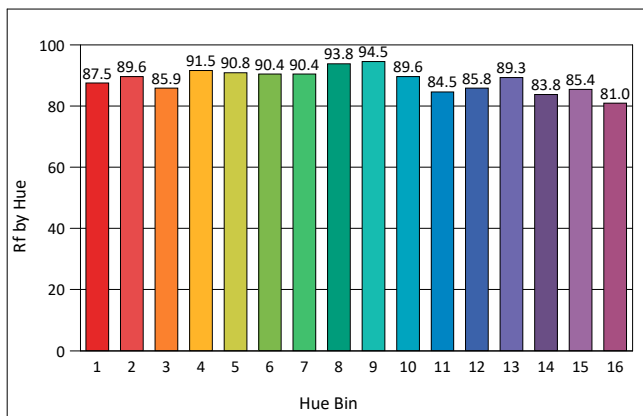
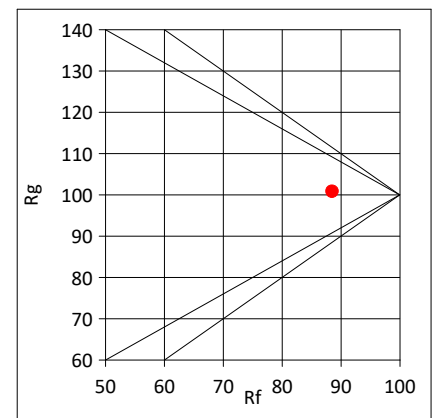
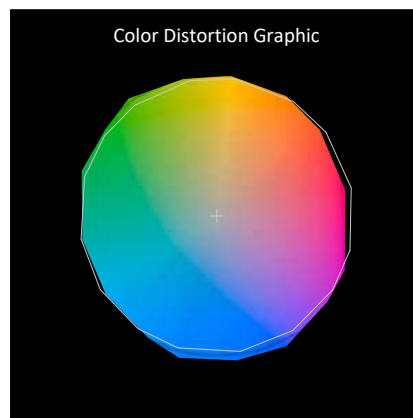
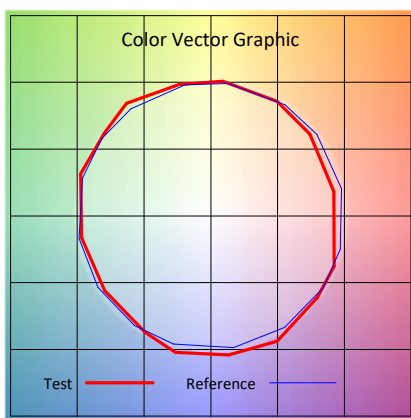
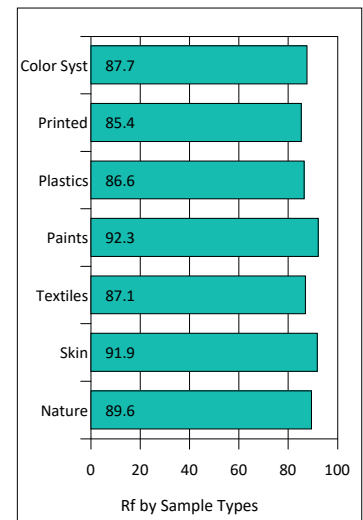
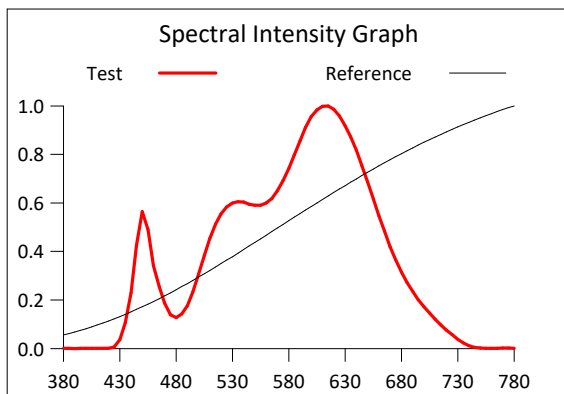
Manufacturer : -

Humidity : -%

Test Date : 2025-03-20

Rf: 88.5 CCT(K): 2999 u': 0.2504
 Rg: 100.8 LER: 321.5 Duv: 0.0006 v': 0.3482

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	87.5	-6.1%	-1.1%
2	89.6	-4.2%	3.3%
3	85.9	-1.1%	6.4%
4	91.5	0.9%	4.4%
5	90.8	1.2%	4.3%
6	90.4	5.3%	0.6%
7	90.4	0.7%	-4.2%
8	93.8	2.1%	-2.9%
9	94.5	-2.0%	-0.1%
10	89.6	-2.7%	4.8%
11	84.5	-0.0%	9.7%
12	85.8	5.7%	2.8%
13	89.3	4.7%	-4.5%
14	83.8	5.6%	-10.4%
15	85.4	0.2%	-8.6%
16	81.0	-1.9%	-13.4%



IES TM-30-2015 Test Report

Product Mark

Product Type : OR300-F52-4800R4

Manufacturer : -

Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark:

