

LED Test Report

Product Mark

Product Type : OR300-F52-384OR1-W3

Manufacturer : -

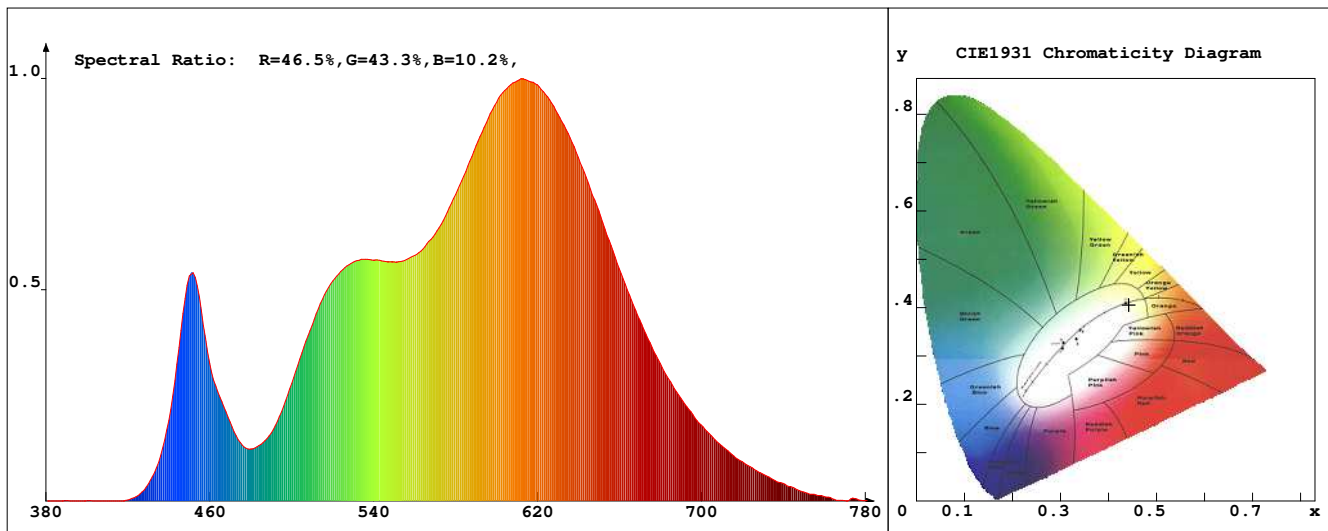
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark :



Chroma Parameters

Chro.Coord.: $x=0.4422$ $y=0.4056$ $u=0.2533$ $v=0.3485$ $duv=-0.0001$

CCT: 2926K Dominant Wave.: 583.2nm Purity: 54.5% Centre Wave: 589.4nm

Flux RGB Ratio: R=24.0%, G=74.6%, B=1.4% Peak Wave: 612.6nm Half Width: 146.3nm

Rendering Index: Ra= 90.8 CRI= 87.7

R1 =92 R2 =94 R3 =96 R4 =93 R5 =92 R6 =95 R7 =90 R8 =74

R9 =40 R10=86 R11=95 R12=78 R13=93 R14=97 R15=84

PPF: 8.274 $\mu\text{mol/s}$ (400-700nm)

PRF: 1.7mW (400-700nm)

PAR: 1.5mW (400-700nm)

Photo Parameters

Flux: 592.82lm Effi.: 93.4lm/W Radiant: 1752.4mW Iv: 0.0mcd

Scotopic Flux: 798.8Plm Effi.: 0.0Plm/W S/P: 1.3

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 8579.540 $\mu\text{mol/s}$ (380-780nm)

Ele. Parameters

Forward Current: If=529.0mA

Reverse Voltage: Vr=5.00V

Forward Voltage: Vf=12.00V

Reverse Current: Ir=0.00uA

Power: P=6.350W

Instrument state

Instrument: Lisun LMS-8000

Integral Time: 275.551ms

VPeak: 13528

VDark: 1323

Scan Range: 380-780nm

Product ID: 201508924

IES TM-30-2015 Test Report

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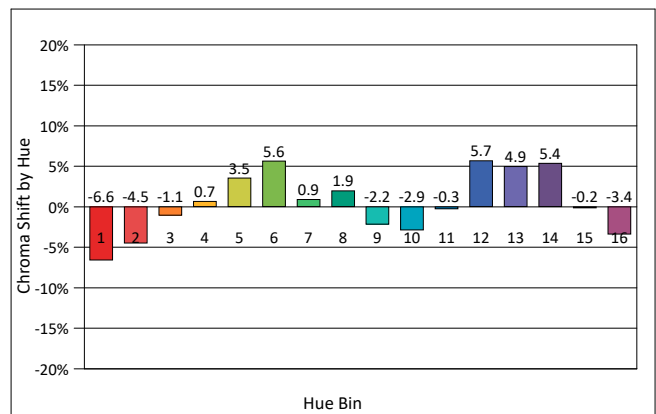
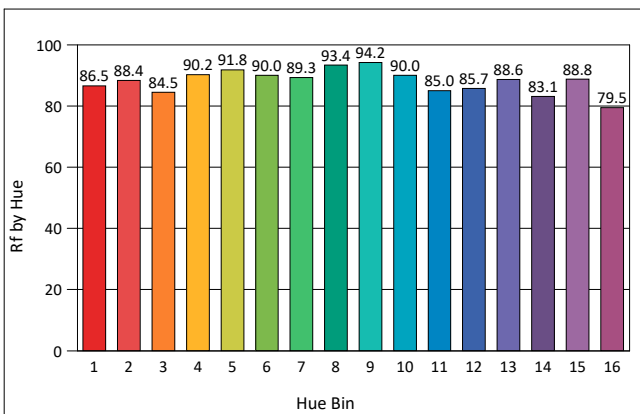
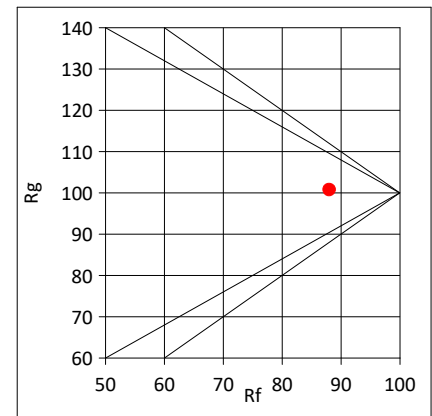
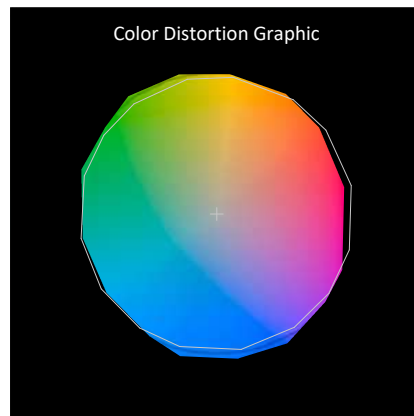
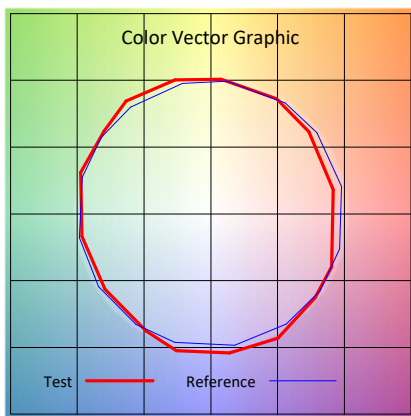
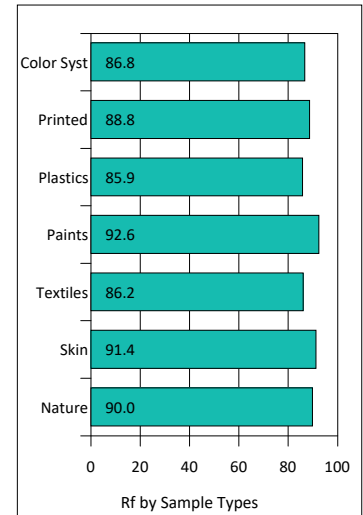
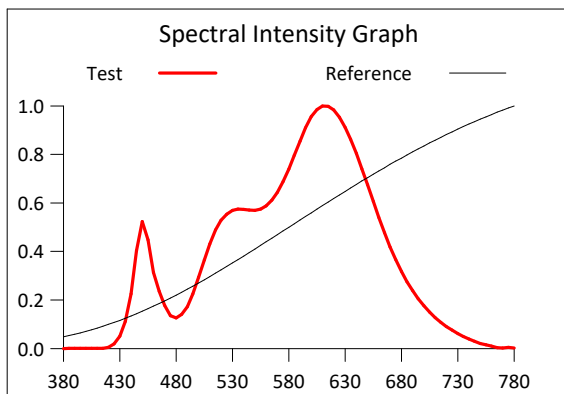
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Rf: 88.0 CCT(K): 2926 u': 0.2533
Rg: 100.7 LER: 318.6 Duv: -0.0001 v': 0.3485

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	86.5	-6.6%	-1.1%
2	88.4	-4.5%	3.8%
3	84.5	-1.1%	7.1%
4	90.2	0.7%	4.4%
5	91.8	3.5%	4.7%
6	90.0	5.6%	0.2%
7	89.3	0.9%	-5.1%
8	93.4	1.9%	-3.3%
9	94.2	-2.2%	-0.5%
10	90.0	-2.9%	4.3%
11	85.0	-0.3%	9.2%
12	85.7	5.7%	2.4%
13	88.6	4.9%	-5.0%
14	83.1	5.4%	-11.1%
15	88.8	-0.2%	-6.3%
16	79.5	-3.4%	-14.2%



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