

LED Test Report

Product Mark

Product Type : OR30s-B52-240D22-14.4

Manufacturer : -

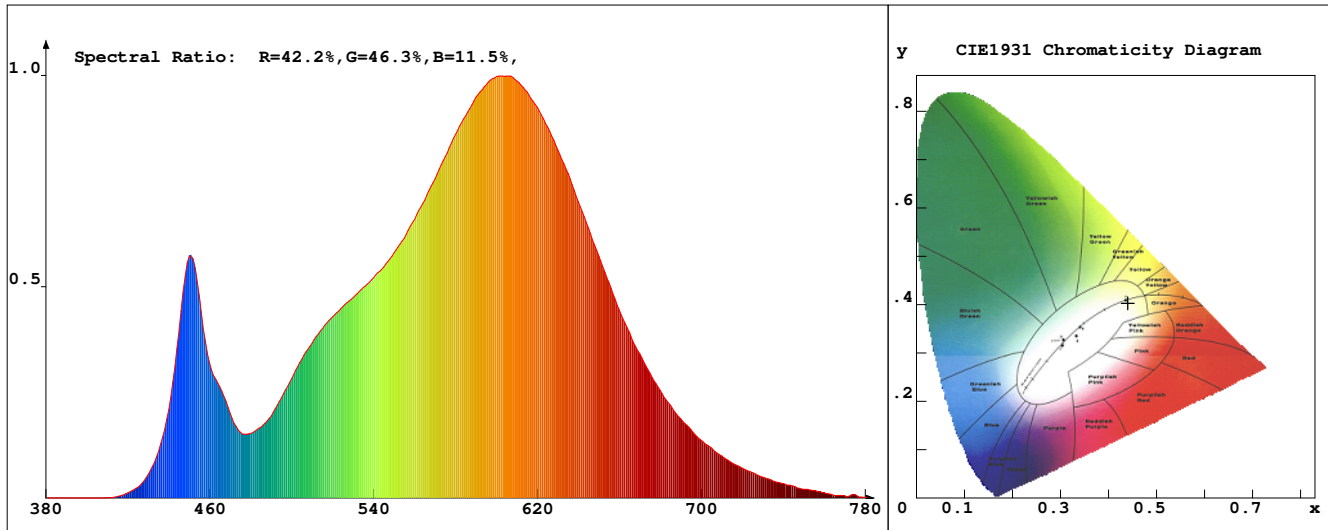
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark:



Chroma Parameters

Chro.Coord.: $x=0.4405$ $y=0.4032$ $u=0.2533$ $v=0.3477$ $duv=-0.0008$

CCT: 2933K Dominant Wave.: 583.4nm Purity: 53.3% Centre Wave: 595.0nm

Flux RGB Ratio: R=22.2%, G=76.3%, B=1.5% Peak Wave: 600.7nm Half Width: 118.9nm

Rendering Index: Ra= 80.7 CRI= 77.9

R1 =79 R2 =90 R3 =96 R4 =78 R5 =79 R6 =88 R7 =81 R8 =55

R9 =-1 R10=77 R11=77 R12=69 R13=81 R14=99 R15=71

PPF: 20.451 $\mu\text{mol/s}$ (400-700nm)

PRF: 4.2mW (400-700nm)

PAR: 3.8mW (400-700nm)

Photo Parameters

Flux: 1554.20lm

Effi.: 120.0lm/W

Radiant: 4340.4mW

Iv: 0.0mcd

Scotopic Flux: 2011.5Plm

Effi.: 0.0Plm/W

S/P: 1.3

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 21078.900 $\mu\text{mol/s}$ (380-780nm)

Ele. Parameters

Forward Current: If=546.0mA

Reverse Voltage: Vr=5.00V

Forward Voltage: Vf=23.72V

Reverse Current: Ir=0.00uA

Power: P=12.961W

Instrument state

Instrument: Lisun LMS-8000

Integral Time: 97.004ms

VPeak: 13480

VDark: 1329

Scan Range: 380-780nm

Product ID: 201508924

IES TM-30-2015 Test Report

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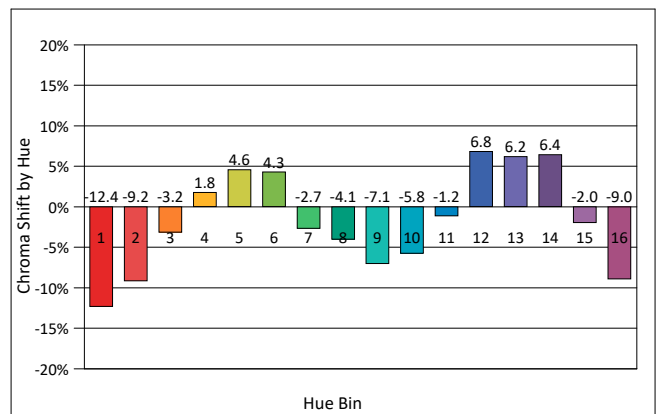
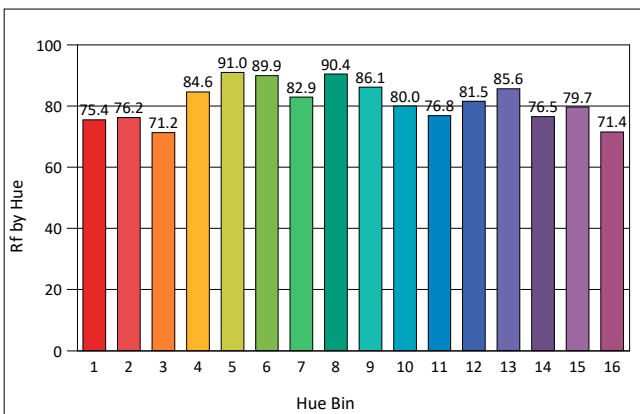
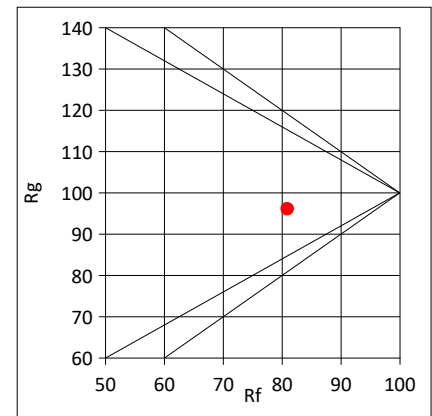
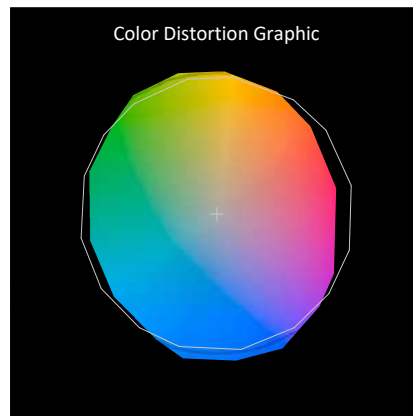
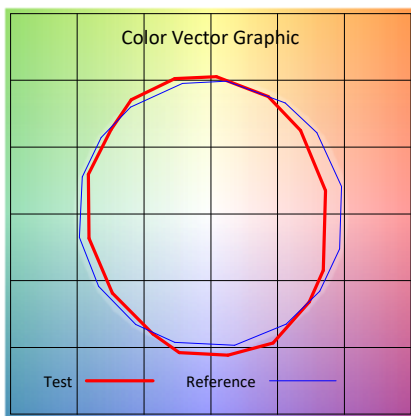
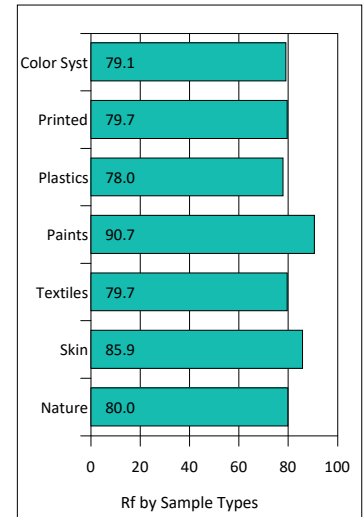
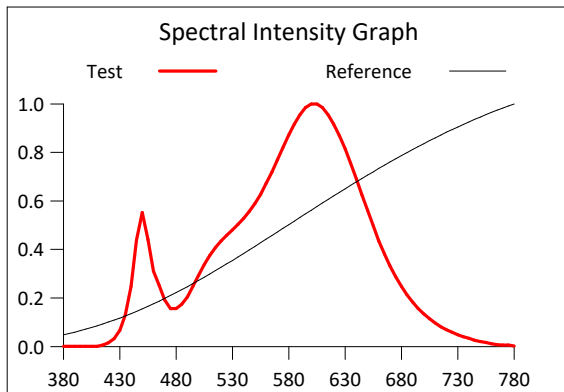
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Rf: 80.9 CCT(K): 2933 u': 0.2533
 Rg: 96.1 LER: 335.5 Duv: -0.0008 v': 0.3477

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	75.4	-12.4%	-0.8%
2	76.2	-9.2%	8.0%
3	71.2	-3.2%	13.3%
4	84.6	1.8%	8.2%
5	91.0	4.6%	4.9%
6	89.9	4.3%	-3.3%
7	82.9	-2.7%	-9.0%
8	90.4	-4.1%	-2.8%
9	86.1	-7.1%	2.2%
10	80.0	-5.8%	9.7%
11	76.8	-1.2%	14.8%
12	81.5	6.8%	4.9%
13	85.6	6.2%	-6.4%
14	76.5	6.4%	-15.9%
15	79.7	-2.0%	-11.1%
16	71.4	-9.0%	-18.1%



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