

LED Test Report

Product Mark

Product Type : OR400-F52-4000M2

Manufacturer : -

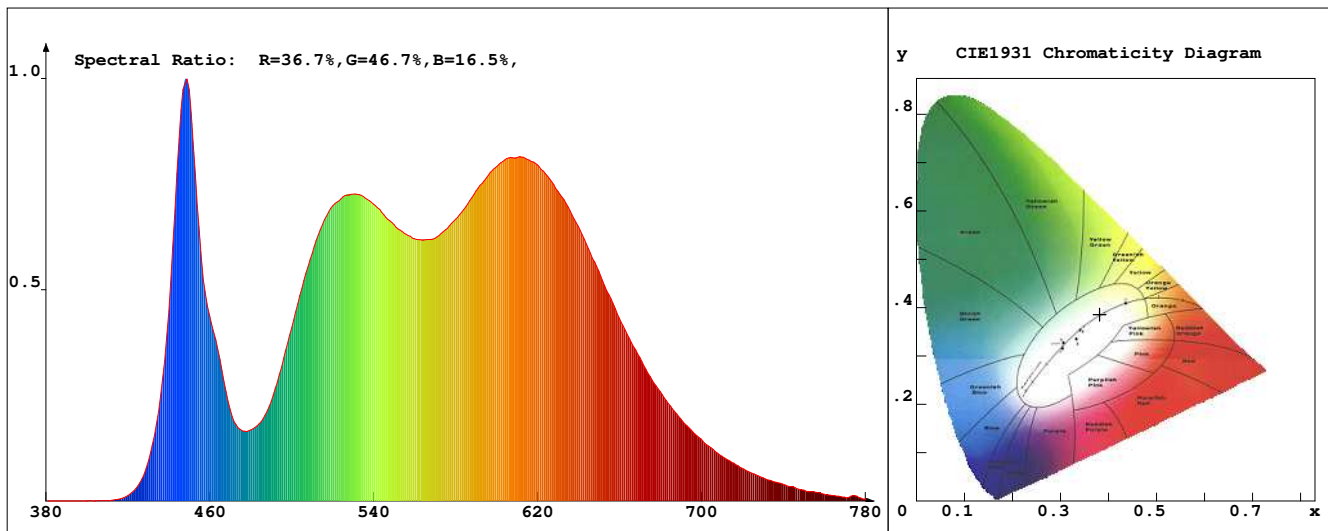
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark :



Chroma Parameters

Chro.Coord.: $x=0.3816$ $y=0.3857$ $u=0.2223$ $v=0.3371$ $duv=0.0038$

CCT: 4035K Dominant Wave.: 577.0nm Purity: 30.3% Centre Wave: 448.1nm

Flux RGB Ratio: R=19.0%, G=79.0%, B=2.0% Peak Wave: 447.6nm Half Width: 16.5nm

Rendering Index: Ra= 90.8 CRI= 87.0

R1 =94 R2 =92 R3 =90 R4 =92 R5 =92 R6 =90 R7 =93 R8 =84

R9 =53 R10=80 R11=91 R12=69 R13=93 R14=94 R15=88

PPF: 13.218 $\mu\text{mol/s}$ (400-700nm)

PRF: 2.8mW (400-700nm)

PAR: 2.4mW (400-700nm)

Photo Parameters

Flux: 955.76lm Effi.: 95.8lm/W Radiant: 2877.5mW Iv: 0.0mcd

Scotopic Flux: 1656.3Plm Effi.: 0.0Plm/W S/P: 1.7

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 13664.100 $\mu\text{mol/s}$ (380-780nm)

Ele. Parameters

Forward Current: $I_f=415.0\text{mA}$ Reverse Voltage: $V_r=5.00\text{V}$ Forward Voltage: $V_f=24.05\text{V}$ Reverse Current: $I_r=0.00\mu\text{A}$ Power: $P=10.001\text{W}$

Instrument state

Instrument: Lisun LMS-8000

Integral Time: 161.526ms

VPeak: 14280

VDark: 1249

Scan Range: 380-780nm

Product ID: 201508924

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IES TM-30-2015 Test Report

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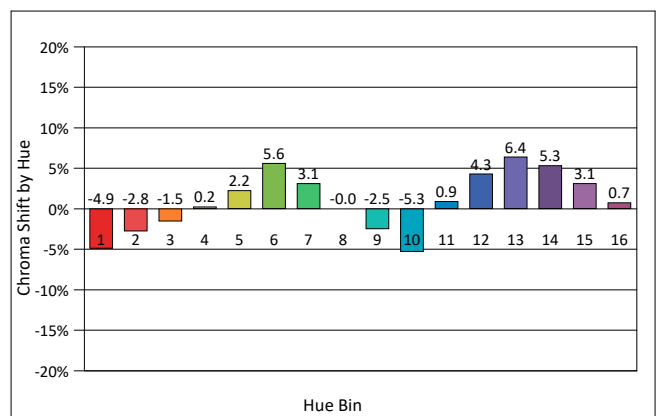
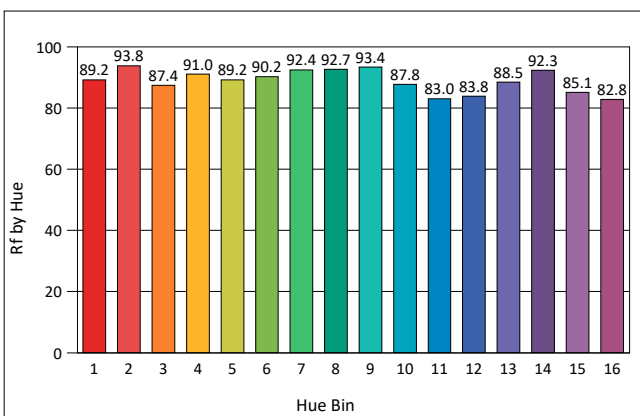
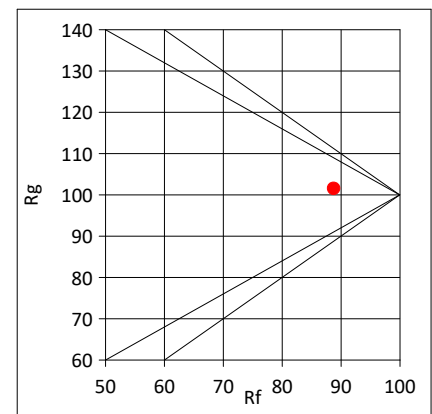
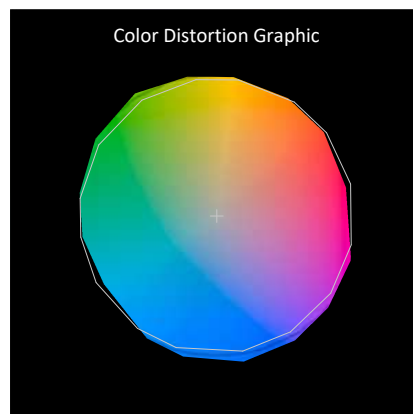
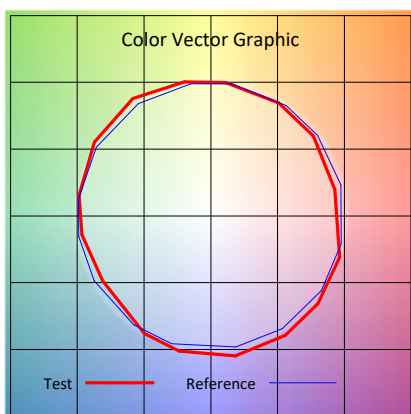
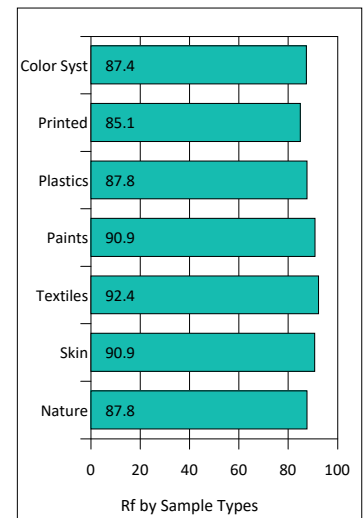
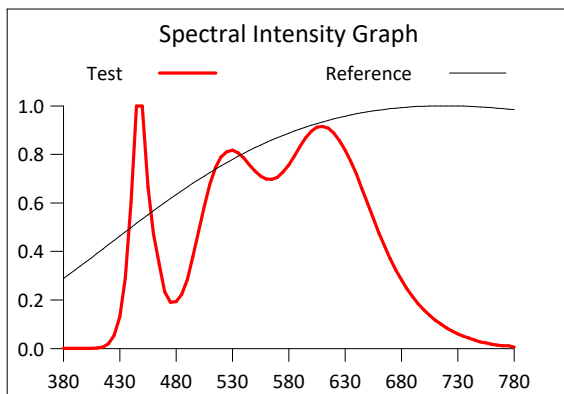
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Rf: 88.8 CCT(K): 4035 u': 0.2223
 Rg: 101.5 LER: 319.0 Duv: 0.0038 v': 0.3371

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	89.2	-4.9%	-2.4%
2	93.8	-2.8%	1.3%
3	87.4	-1.5%	5.6%
4	91.0	0.2%	4.6%
5	89.2	2.2%	4.4%
6	90.2	5.6%	1.4%
7	92.4	3.1%	-2.4%
8	92.7	-0.0%	-2.9%
9	93.4	-2.5%	-0.6%
10	87.8	-5.3%	3.8%
11	83.0	0.9%	10.1%
12	83.8	4.3%	6.7%
13	88.5	6.4%	-1.8%
14	92.3	5.3%	-1.2%
15	85.1	3.1%	-9.6%
16	82.8	0.7%	-10.0%



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