

LED Test Report

Product Mark

Product Type : OR400-F52-5280M2

Manufacturer : -

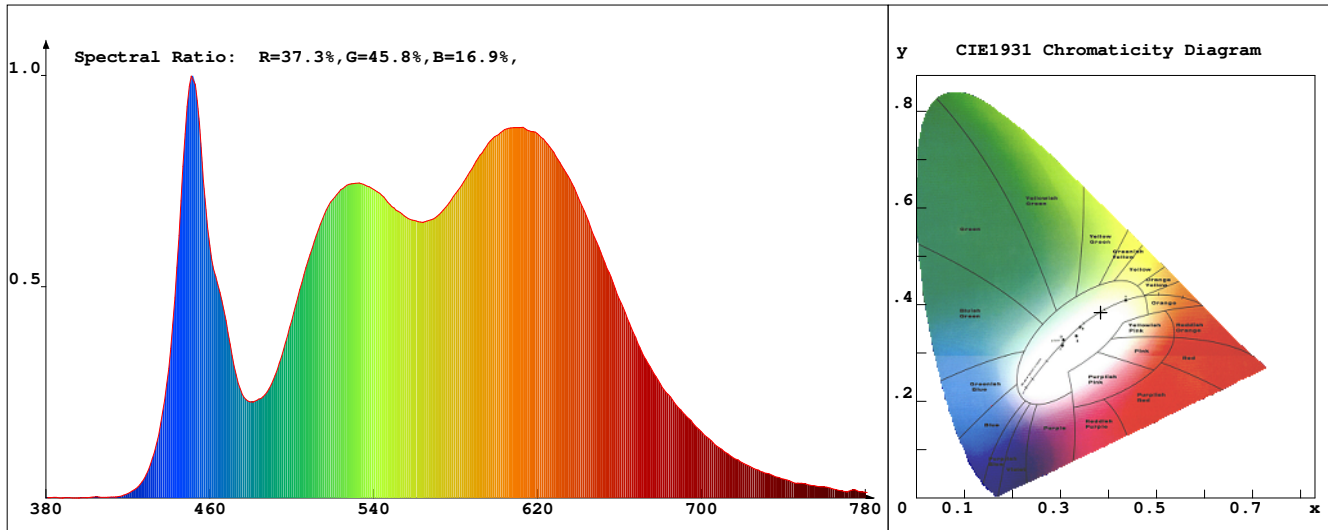
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark :



Chroma Parameters

Chro.Coord.: $x=0.3839$ $y=0.3836$ $u=0.2246$ $v=0.3367$ $duv=0.0022$

CCT: 3959K Dominant Wave.: 578.1nm Purity: 30.4% Centre Wave: 452.6nm

Flux RGB Ratio: R=19.4%, G=78.3%, B=2.3% Peak Wave: 450.6nm Half Width: 20.7nm

Rendering Index: Ra= 92.8 CRI= 89.1

R1 =95 R2 =94 R3 =93 R4 =96 R5 =94 R6 =93 R7 =94 R8 =84

R9 =56 R10=85 R11=94 R12=69 R13=95 R14=95 R15=90

PPF: 19.260 $\mu\text{mol/s}$ (400-700nm)

PRF: 4.1mW (400-700nm)

PAR: 3.5mW (400-700nm)

Photo Parameters

Flux: 1373.31lm Effi.: 98.2lm/W Radiant: 4195.4mW Iv: 0.0mcd

Scotopic Flux: 2394.6Plm Effi.: 0.0Plm/W S/P: 1.7

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 19964.600 $\mu\text{mol/s}$ (380-780nm)

Ele. Parameters

Forward Current: $I_f=582.0\text{mA}$ Reverse Voltage: $V_r=5.00\text{V}$ Forward Voltage: $V_f=24.04\text{V}$ Reverse Current: $I_r=0.00\mu\text{A}$ Power: $P=14.001\text{W}$

Instrument state

Instrument: Lisun LMS-8000

Integral Time: 121.205ms

VPeak: 15128

VDark: 1270

Scan Range: 380-780nm

Product ID: 201508924

IES TM-30-2015 Test Report

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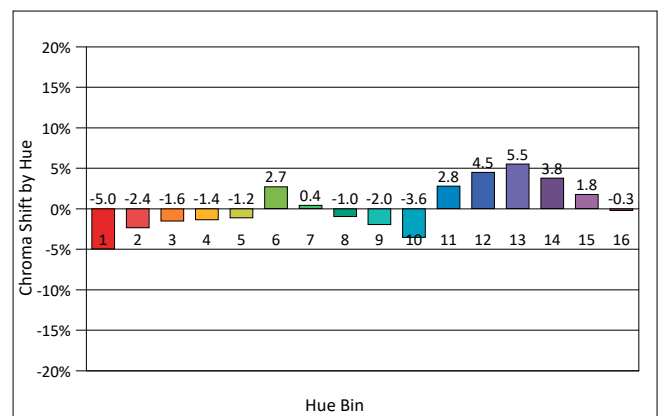
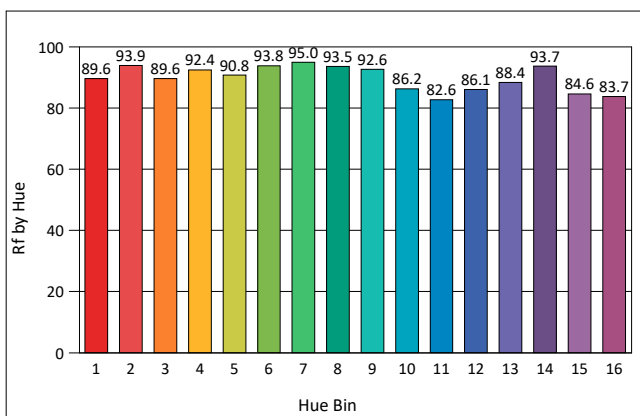
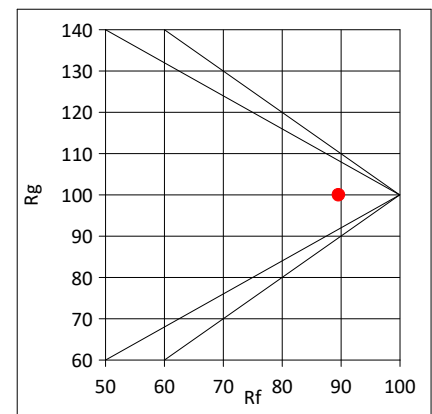
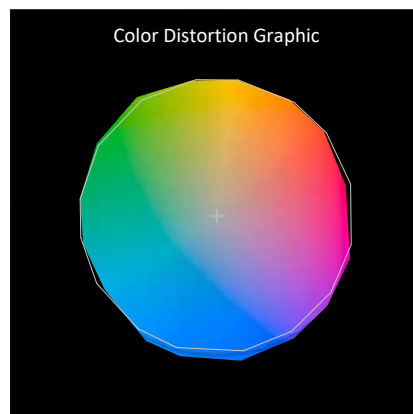
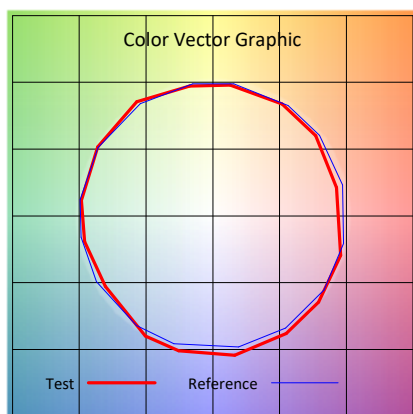
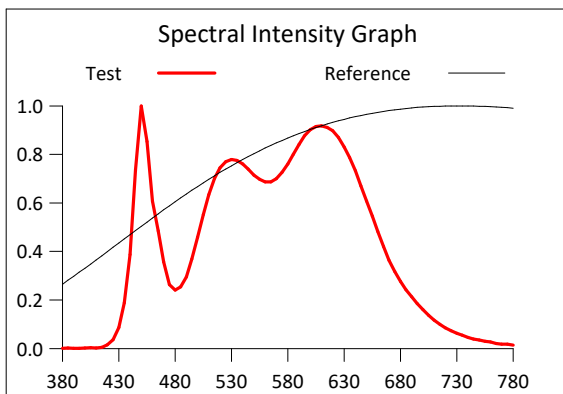
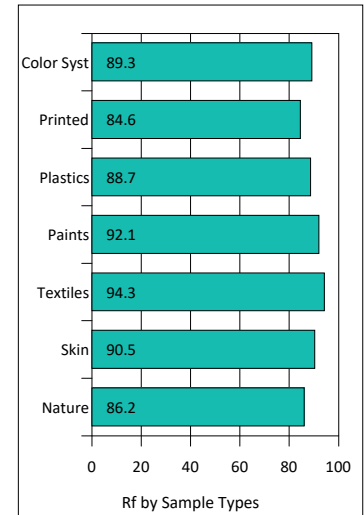
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Rf: 89.6 CCT(K): 3959 u': 0.2246
Rg: 100.0 LER: 316.1 Duv: 0.0022 v': 0.3367

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	89.6	-5.0%	-0.9%
2	93.9	-2.4%	1.4%
3	89.6	-1.6%	4.3%
4	92.4	-1.4%	2.4%
5	90.8	-1.2%	2.7%
6	93.8	2.7%	1.4%
7	95.0	0.4%	-0.3%
8	93.5	-1.0%	0.3%
9	92.6	-2.0%	3.7%
10	86.2	-3.6%	6.7%
11	82.6	2.8%	10.0%
12	86.1	4.5%	4.5%
13	88.4	5.5%	-4.0%
14	93.7	3.8%	-1.8%
15	84.6	1.8%	-9.6%
16	83.7	-0.3%	-9.1%



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