

LED Test Report

Product Mark

Product Type : ORRED-F52-120312

Manufacturer : -

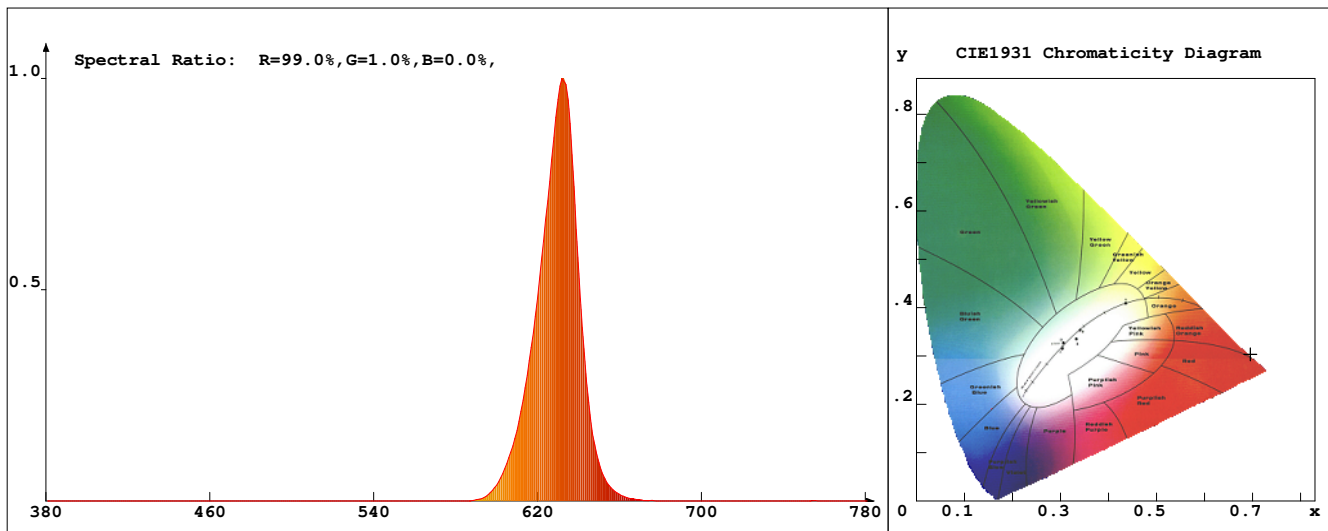
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark :



Chroma Parameters

Chro.Coord.: x=0.6959 y=0.3035 u=0.5302 v=0.3468 duv=-0.0008

CCT: 1362K Dominant Wave.: 622.6nm Purity: 99.8% Centre Wave: 629.5nm

Flux RGB Ratio: R=97.8%, G=2.2%, B=0.0% Peak Wave: 631.6nm Half Width: 20.3nm

Rendering Index: Ra=-19.9 CRI=100.9

R1 =-46 R2 =54 R3 =10 R4 =-77 R5 =-43 R6 =47 R7 =-3 R8 =-100

R9 =-330 R10=41 R11=-92 R12=16 R13=-19 R14=39 R15=-78

PPF: 5.843umol/s (400-700nm)

PRF: 1.1mW (400-700nm)

PAR: 1.1mW (400-700nm)

Photo Parameters

Flux: 223.01lm Effi.: 26.0lm/W Radiant: 1112.8mW Iv: 0.0mcd

Scotopic Flux: 10.7Plm Effi.: 0.0Plm/W S/P: 0.0

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 5845.590umol/s (380-780nm)

Ele. Parameters

Forward Current: If=361.0mA

Reverse Voltage: Vr=5.00V

Forward Voltage: Vf=23.79V

Reverse Current: Ir=0.00uA

Power: P=8.601W

Instrument state

Instrument: Lisun LMS-8000

Integral Time: 68.525ms

VPeak: 15112

VDark: 1347

Scan Range: 380-780nm

Product ID: 201508924

IES TM-30-2015 Test Report

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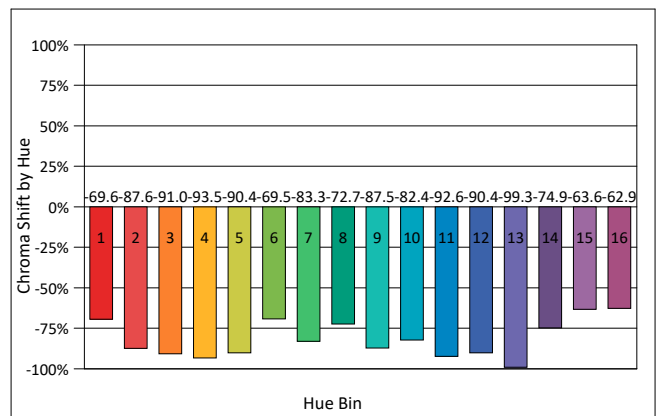
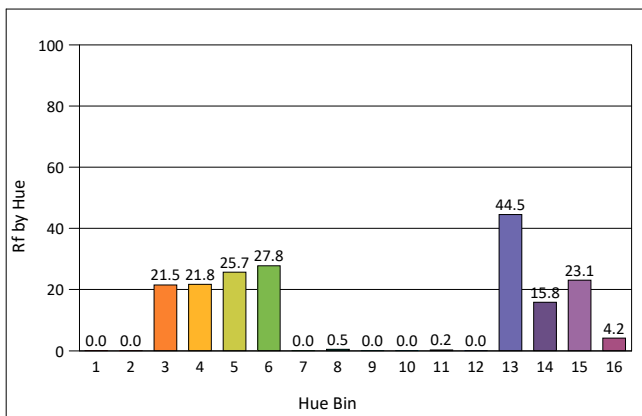
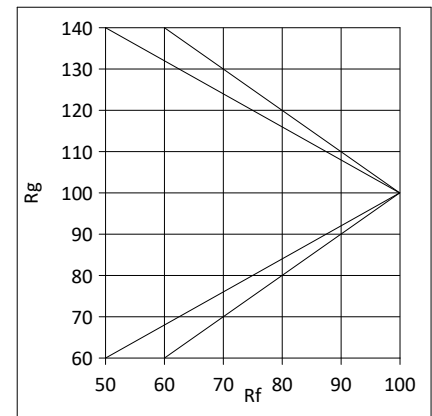
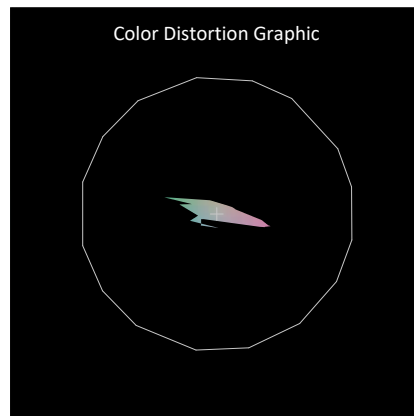
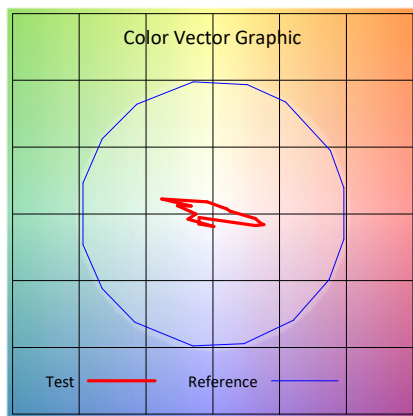
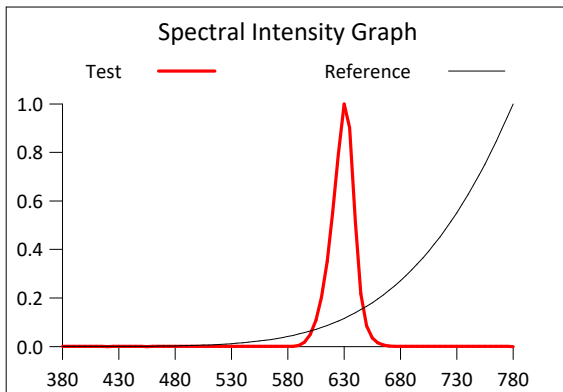
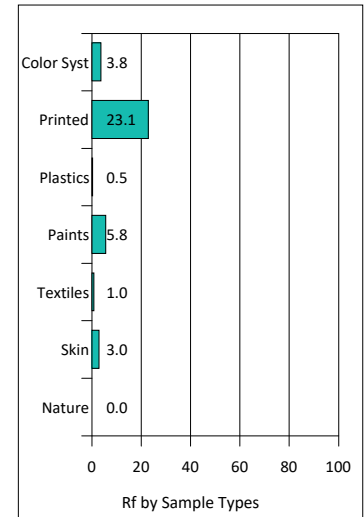
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Rf: 0.7 CCT(K): 1362 u': 0.5302
 Rg: 1.6 LER: 200.0 Duv: -0.0008 v': 0.3468

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	0.0	-69.6%	-9.6%
2	0.0	-87.6%	4.1%
3	21.5	-91.0%	-7.9%
4	21.8	-93.5%	0.5%
5	25.7	-90.4%	7.3%
6	27.8	-69.5%	23.7%
7	0.0	-83.3%	4.6%
8	0.5	-72.7%	3.1%
9	0.0	-87.5%	-6.0%
10	0.0	-82.4%	-7.5%
11	0.2	-92.6%	9.4%
12	0.0	-90.4%	-13.3%
13	44.5	-99.3%	-14.6%
14	15.8	-74.9%	15.7%
15	23.1	-63.6%	7.1%
16	4.2	-62.9%	-0.6%



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