

LED Test Report

Product Mark

Product Type : ORRED-F52-120322

Manufacturer : -

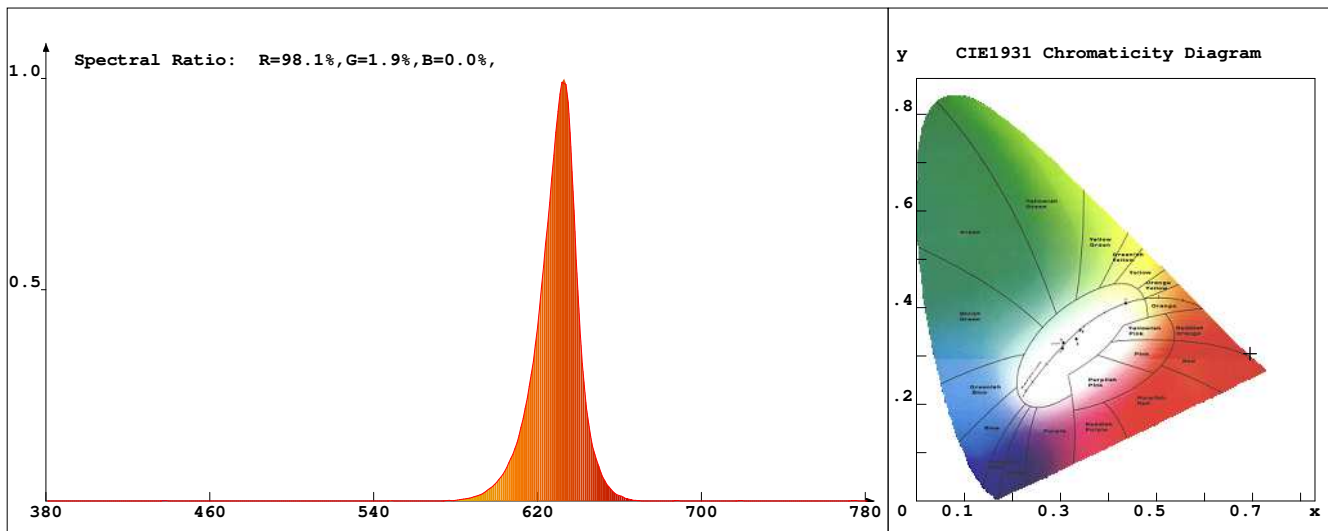
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark :



Chroma Parameters

Chro.Coord.: $x=0.6948$ $y=0.3047$ $u=0.5276$ $v=0.3471$ $duv=-0.0007$

CCT: 1350K Dominant Wave.: 621.9nm Purity: 99.9% Centre Wave: 629.8nm

Flux RGB Ratio: R=95.6%, G=4.4%, B=0.0% Peak Wave: 631.6nm Half Width: 18.0nm

Rendering Index: Ra=-13.1 CRI= 93.3

R1 =-45 R2 =50 R3 =20 R4 =-63 R5 =-29 R6 =55 R7 =-1 R8 =-91

R9 =-306 R10=36 R11=-81 R12=23 R13=-22 R14=46 R15=-70

PPF: 1.838 $\mu\text{mol/s}$ (400-700nm)

PRF: 0.4mW (400-700nm)

PAR: 0.3mW (400-700nm)

Photo Parameters

Flux: 71.55lm Effi.: 8.3lm/W Radiant: 350.3mW Iv: 0.0mcd

Scotopic Flux: 3.7Plm Effi.: 0.0Plm/W S/P: 0.1

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 1839.160 $\mu\text{mol/s}$ (380-780nm)

Ele. Parameters

Forward Current: If=348.0mA

Reverse Voltage: Vr=5.00V

Forward Voltage: Vf=24.69V

Reverse Current: Ir=0.00uA

Power: P=8.601W

Instrument state

Instrument: Lisun LMS-8000

Integral Time: 196.478ms

VPeak: 14840

VDark: 1326

Scan Range: 380-780nm

Product ID: 201508924

www.orizzonteled.com

IES TM-30-2015 Test Report

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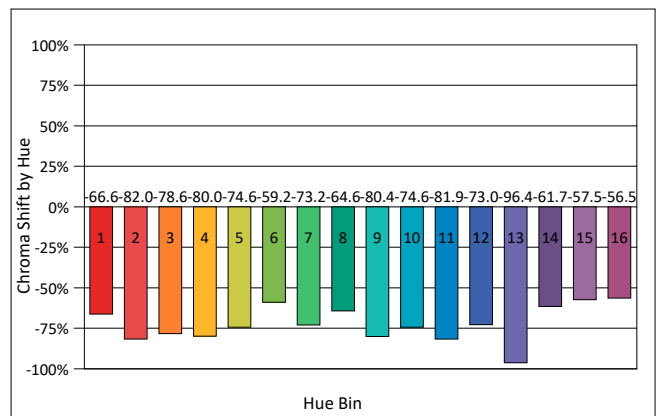
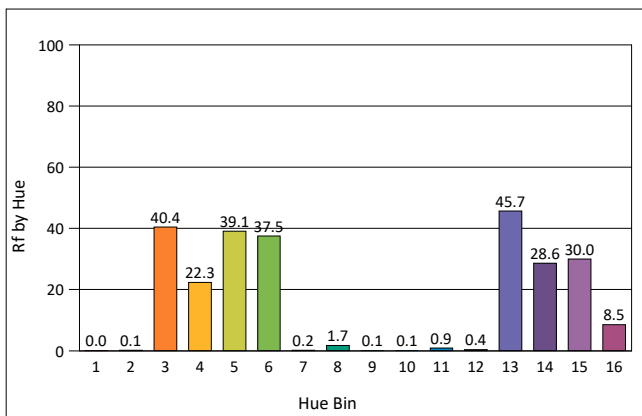
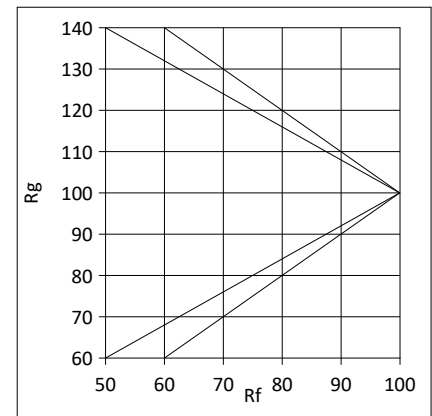
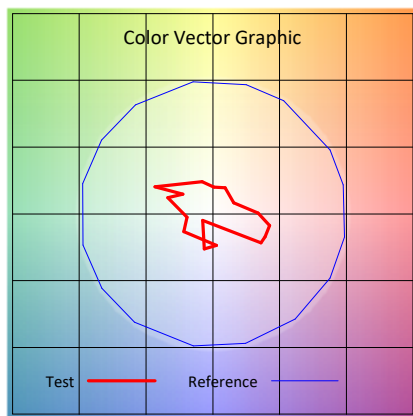
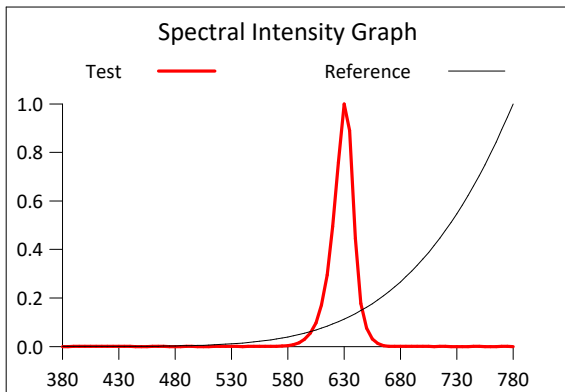
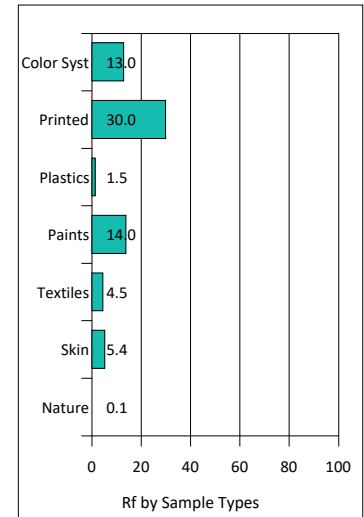
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Rf: 2.4 CCT(K): 1350 u': 0.5276
 Rg: 6.3 LER: 201.9 Duv: -0.0007 v': 0.3471

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	0.0	-66.6%	-8.1%
2	0.1	-82.0%	7.1%
3	40.4	-78.6%	0.3%
4	22.3	-80.0%	8.8%
5	39.1	-74.6%	8.0%
6	37.5	-59.2%	22.0%
7	0.2	-73.2%	-0.2%
8	1.7	-64.6%	-2.1%
9	0.1	-80.4%	-5.2%
10	0.1	-74.6%	-1.1%
11	0.9	-81.9%	19.0%
12	0.4	-73.0%	-6.3%
13	45.7	-96.4%	-13.7%
14	28.6	-61.7%	10.4%
15	30.0	-57.5%	-1.4%
16	8.5	-56.5%	-2.6%



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