

LED Test Report

Product Mark

Product Type : ORBLU-F52-120312

Manufacturer : -

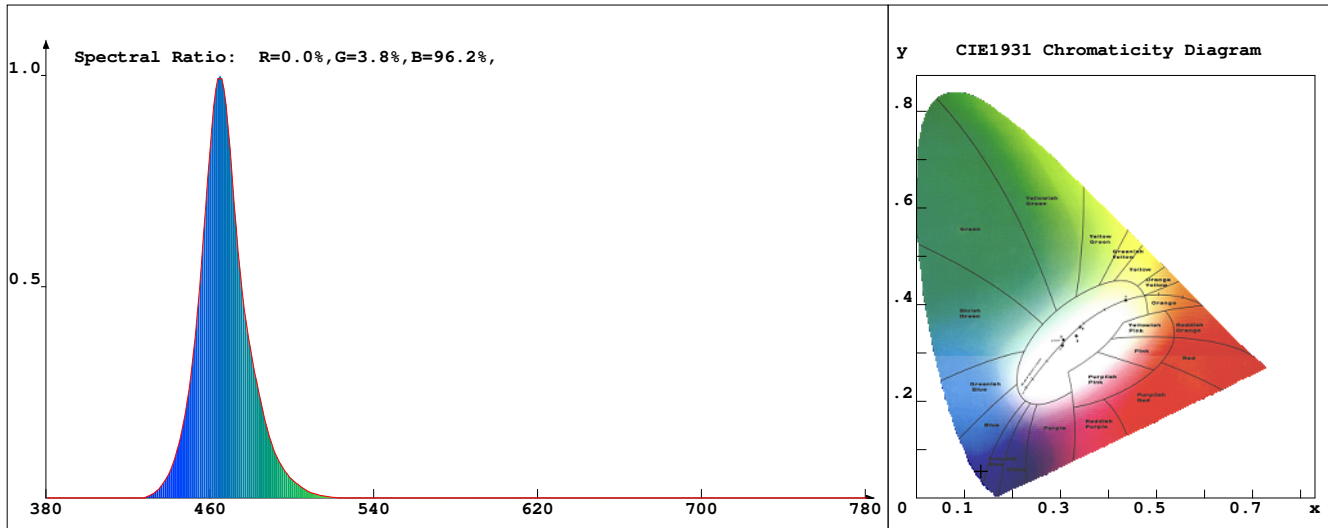
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark:



Chroma Parameters

Chro.Coord.:x=0.1341 y=0.0553 u=0.1579 v=0.0977 duv=-0.0197

CCT:100000K Dominant Wave.:467.8nm Purity:97.7% Centre Wave:464.4nm

Flux RGB Ratio:R=0.0%,G=13.1%,B=86.8% Peak Wave:463.7nm Half Width:20.7nm

Rendering Index:Ra=-59.2 CRI=130.1

R1 =-39 R2 =-73 R3 =-157 R4 =-77 R5 =12 R6 =-53 R7 =-47 R8 =-40

R9 =-305 R10=-292 R11=-105 R12=-116 R13=-68 R14=-41 R15=-23

PPF:8.898umol/s (400-700nm)

PRF:2.3mW (400-700nm)

PAR:1.6mW (400-700nm)

Photo Parameters

Flux:177.56lm Effi.:20.7lm/W Radiant:2283.6mW Iv:0.0mcd

Scotopic Flux:3127.5Plm Effi.:0.0Plm/W S/P:17.6

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:8899.150umol/s (380-780nm)

Ele. Parameters

Forward Current:If=360.0mA

Reverse Voltage:Vr=5.00V

Forward Voltage:Vf=23.83V

Reverse Current:Ir=0.00uA

Power:P=8.601W

Instrument state

Instrument:Lisun LMS-8000

Integral Time: 40.555ms

VPeak: 14968

VDark: 1322

Scan Range: 380-780nm

Product ID: 201508924

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IES TM-30-2015 Test Report

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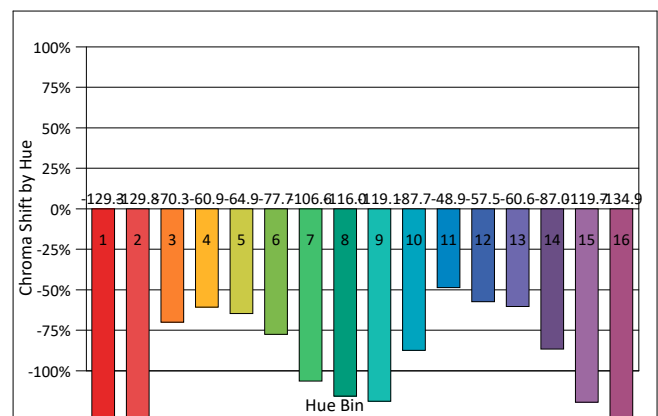
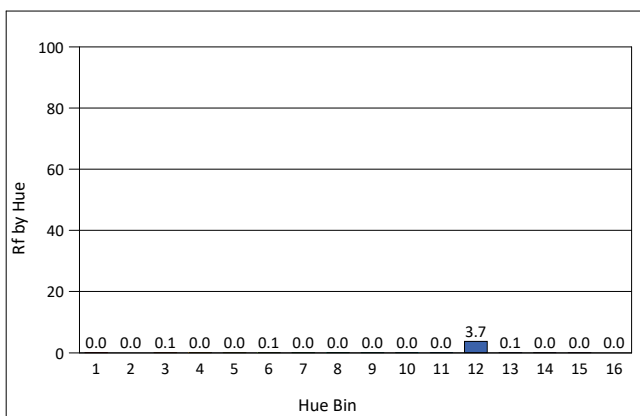
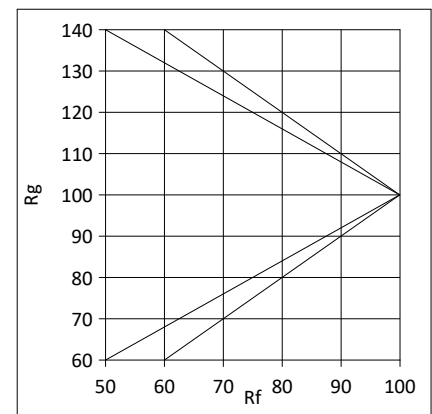
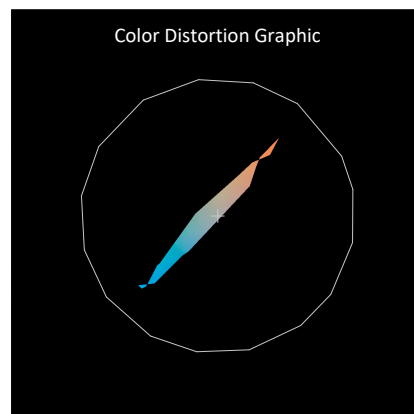
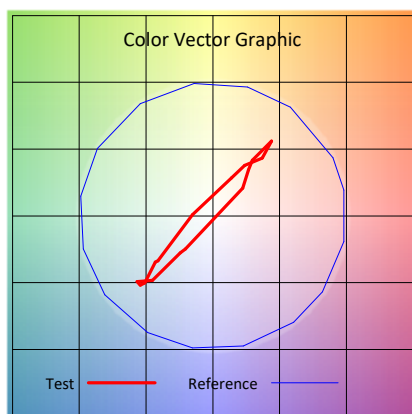
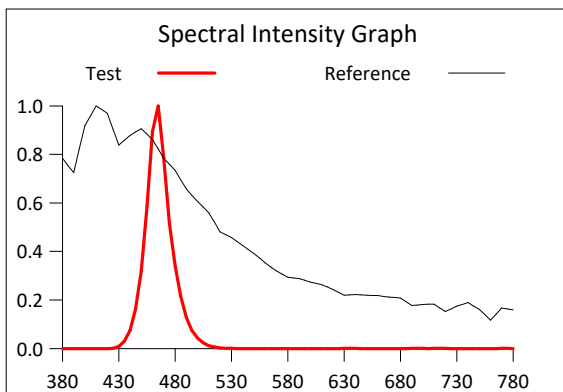
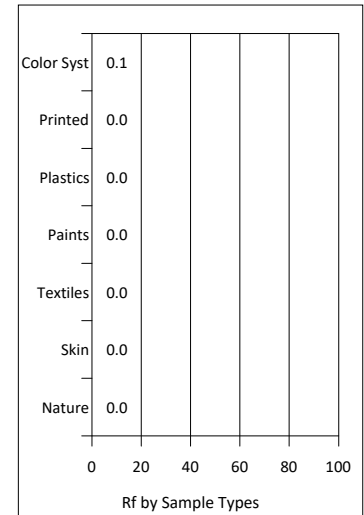
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Rf: 0.0 CCT(K): 100000 u': 0.1579
 Rg: 3.3 LER: 61.1 Duv: -0.0197 v': 0.0977

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	0.0	-129.3%	-22.1%
2	0.0	-129.8%	4.6%
3	0.1	-70.3%	-4.0%
4	0.0	-60.9%	-12.9%
5	0.0	-64.9%	-31.5%
6	0.1	-77.7%	-66.0%
7	0.0	-106.6%	-62.7%
8	0.0	-116.0%	-46.6%
9	0.0	-119.1%	-30.5%
10	0.0	-87.7%	-13.2%
11	0.0	-48.9%	-23.4%
12	3.7	-57.5%	-39.6%
13	0.1	-60.6%	-63.2%
14	0.0	-87.0%	-79.9%
15	0.0	-119.7%	-70.8%
16	0.0	-134.9%	-56.2%



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