

LED Test Report

Product Mark

Product Type : ORBLU-FA2-4800R2-S1

Manufacturer : -

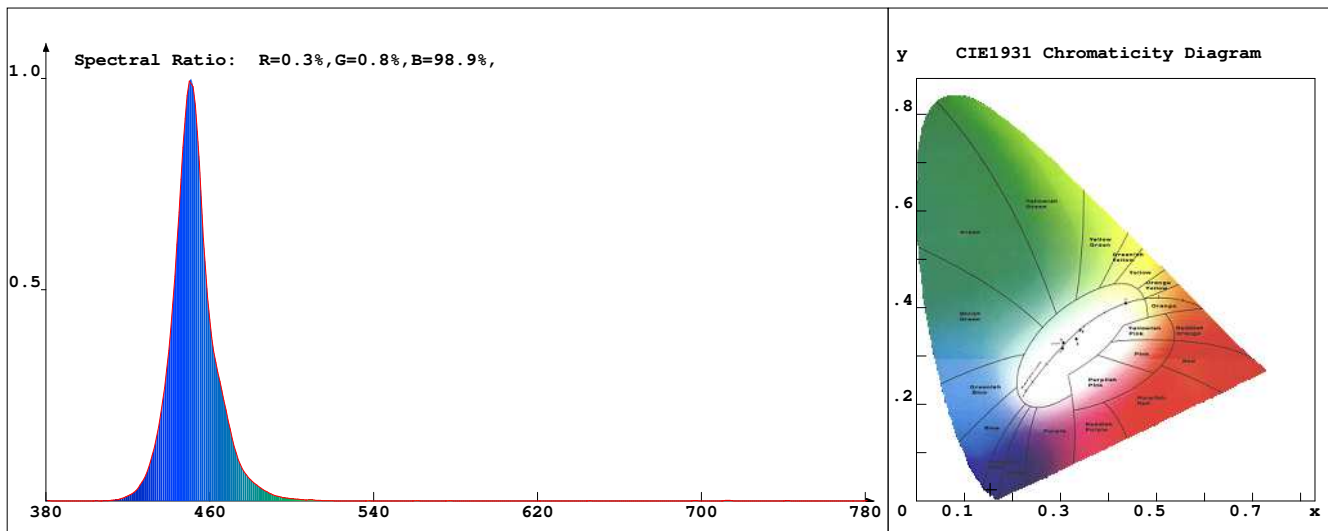
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark:



Chroma Parameters

Chro.Coord.:x=0.1536 y=0.0234 u=0.2067 v=0.0471 duv=-0.0795

CCT:100000K Dominant Wave.:453.8nm Purity:99.4% Centre Wave:449.5nm

Flux RGB Ratio:R=0.5%,G=7.6%,B=92.0% Peak Wave:449.6nm Half Width:16.1nm

Rendering Index:Ra=-68.6 CRI=128.6

R1 =-3 R2 =-60 R3 =-172 R4 =-107 R5 =-15 R6 =-83 R7 =-69 R8 =-40

R9 =-268 R10=-275 R11=-131 R12=-151 R13=-28 R14=-43 R15=11

PPF:17.038umol/s (400-700nm)

PRF:4.5mW (400-700nm)

PAR:3.3mW (400-700nm)

Photo Parameters

Flux:167.91lm Effi.:15.3lm/W Radiant:4519.7mW Iv:0.0mcd

Scotopic Flux:4048.0Plm Effi.:0.0Plm/W S/P:24.1

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:17086.301umol/s (380-780nm)

Ele. Parameters

Forward Current:If=451.0mA

Reverse Voltage:Vr=5.00V

Forward Voltage:Vf=24.37V

Reverse Current:Ir=0.00uA

Power:P=11.001W

Instrument state

Instrument:Lisun LMS-8000

Integral Time: 13.492ms

VPeak: 13784

VDark: 1215

Scan Range: 380-780nm

Product ID: 201508924

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IES TM-30-2015 Test Report

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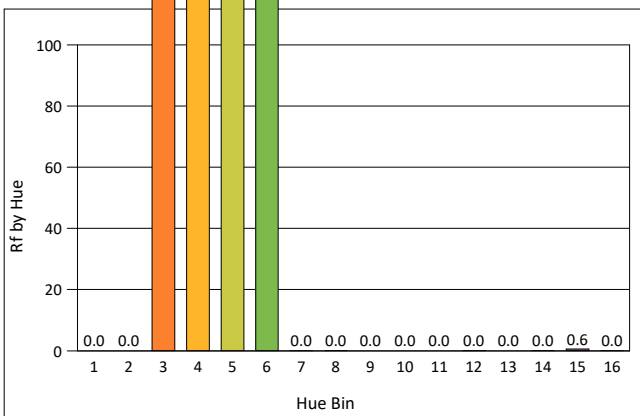
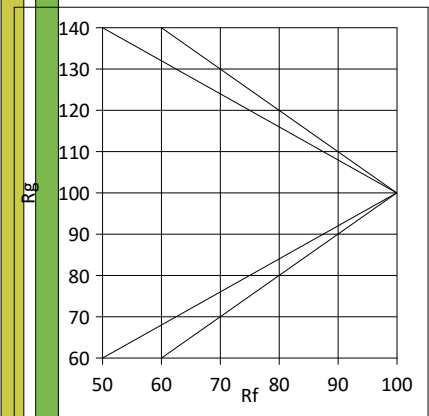
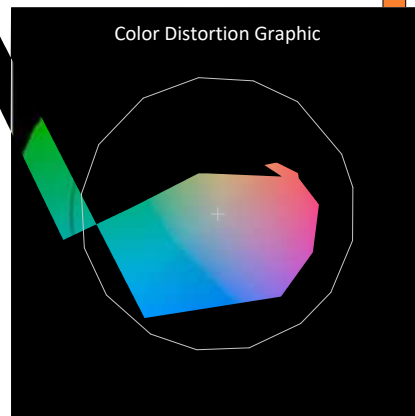
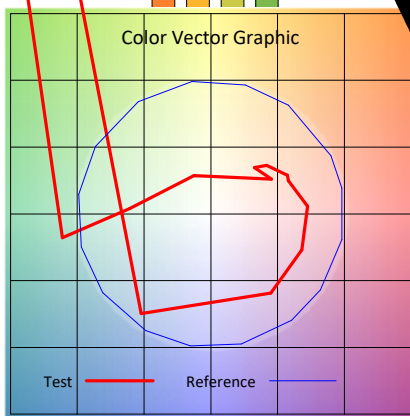
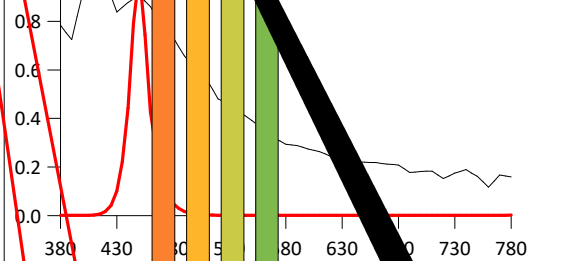
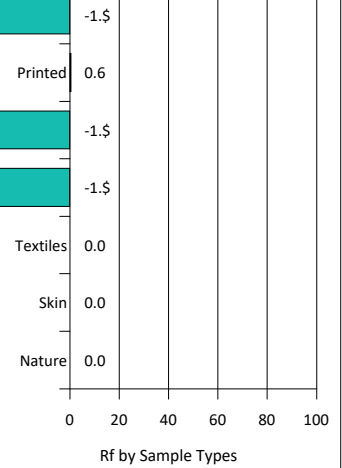
Humidity: %

Test Date: 2020-03-20

Rf: -2147483.0 T(K): 100000 u': 0.2067

Graphic Shifts (%)

1	0.0	-158.8%	15.1%
2	0.0	-201.4%	60.7%
3	-1.5	-1.5%	-1.5%
4	-1.5	-1.5%	-1.5%
5	-1.5	-1.5%	-1.5%
6	-1.5	-1.5%	-1.5%
7	0.0	-98.0%	84.9%
8	0.0	-155.6%	44.4%
9	0.0	-161.5%	34.2%
10	0.0	-163.4%	31.5%
11	0.0	-152.5%	26.6%
12	0.0	-139.3%	46.4%
13	0.0	-127.5%	44.7%
14	0.0	-110.3%	40.5%
15	0.6	-76.6%	48.7%
16	0.0	-117.9%	25.4%



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