

LED Test Report

Product Mark

Product Type : ORIBLU-FA2-4800R2

Manufacturer : -

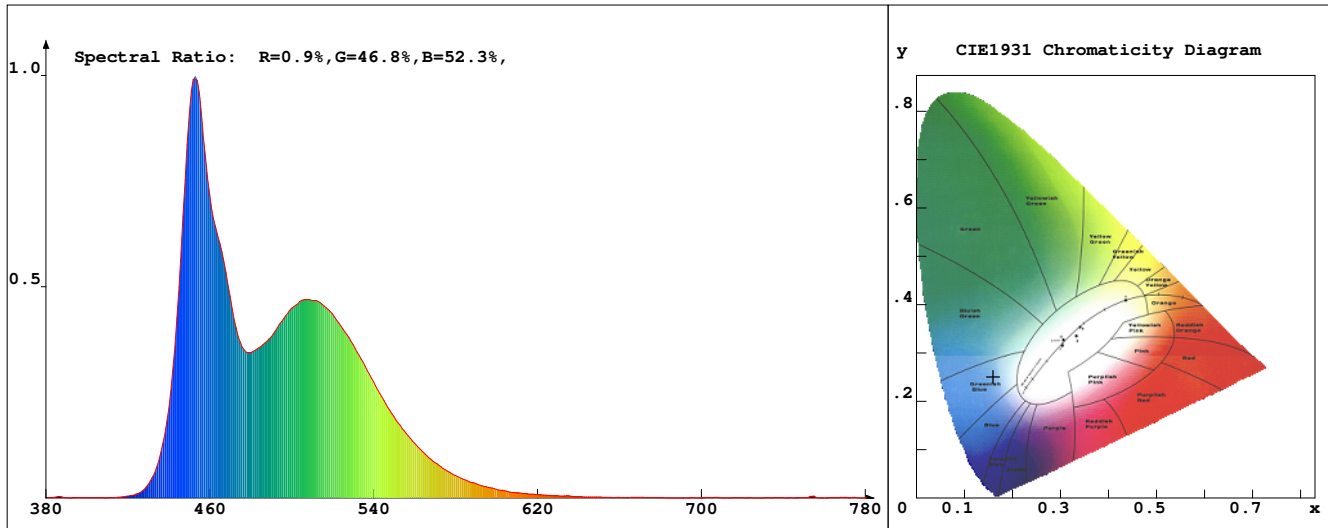
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark:



Chroma Parameters

Chro.Coord.: $x=0.1599$ $y=0.2509$ $u=0.1124$ $v=0.2645$ $duv=0.0657$

CCT:100000K Dominant Wave.:485.4nm Purity:65.1% Centre Wave:456.1nm

Flux RGB Ratio:R=0.8%,G=88.4%,B=10.8% Peak Wave:451.6nm Half Width:24.1nm

Rendering Index:Ra= 36.7 CRI= 75.7

R1 =7 R2 =52 R3 =62 R4 =6 R5 =26 R6 =46 R7 =72 R8 =24

R9 =-253 R10=14 R11=-17 R12=31 R13=11 R14=72 R15=10

PPF:17.751 $\mu\text{mol/s}$ (400-700nm)

PRF:4.3mW (400-700nm)

PAR:3.2mW (400-700nm)

Photo Parameters

Flux:1143.17lm Effi.:103.7lm/W Radiant:4328.8mW Iv:0.0mcd

Scotopic Flux:5426.8Plm Effi.:0.0Plm/W S/P:4.7

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:17801.500 $\mu\text{mol/s}$ (380-780nm)

Ele. Parameters

Forward Current:If=460.0mA

Reverse Voltage:Vr=5.00V

Forward Voltage:Vf=23.97V

Reverse Current:Ir=0.00uA

Power:P=11.051W

Instrument state

Instrument:Lisun LMS-8000

Integral Time: 39.470ms

VPeak: 14616

VDark: 1340

Scan Range: 380-780nm

Product ID: 201508924

www.orizzonteled.com

IES TM-30-2015 Test Report

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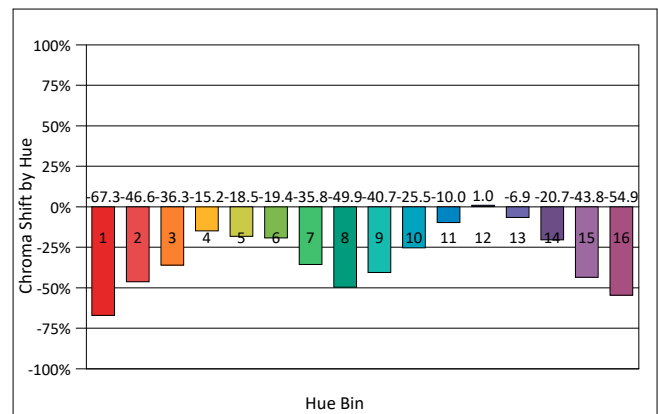
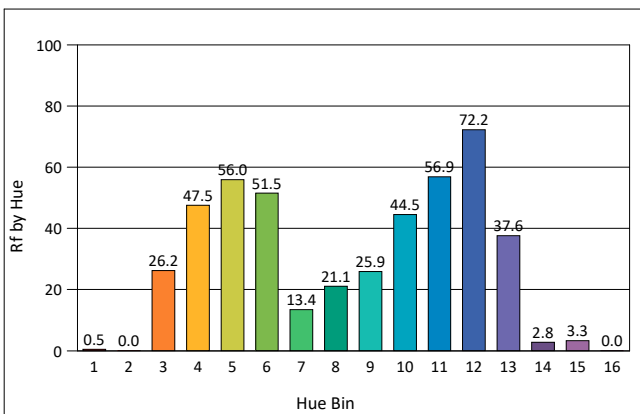
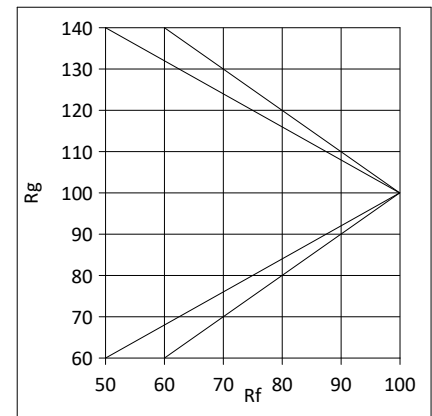
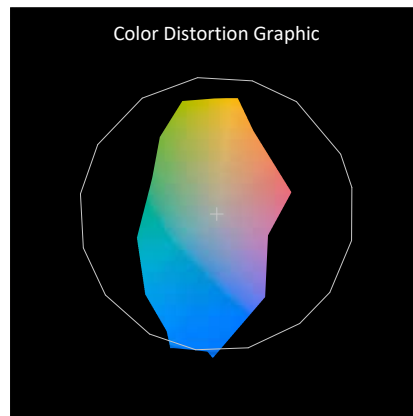
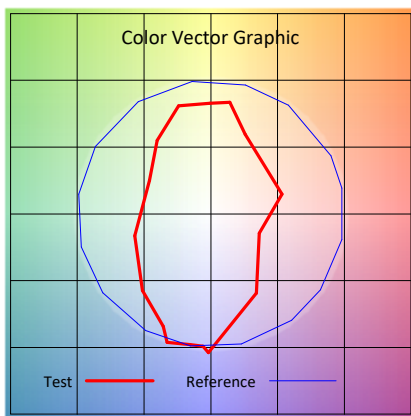
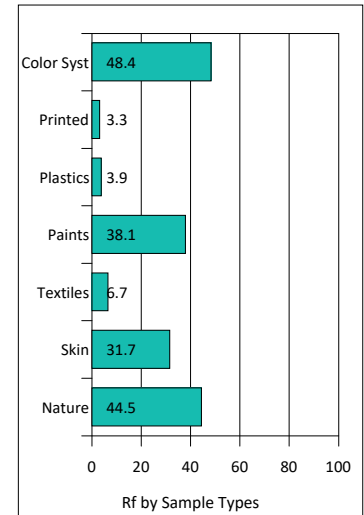
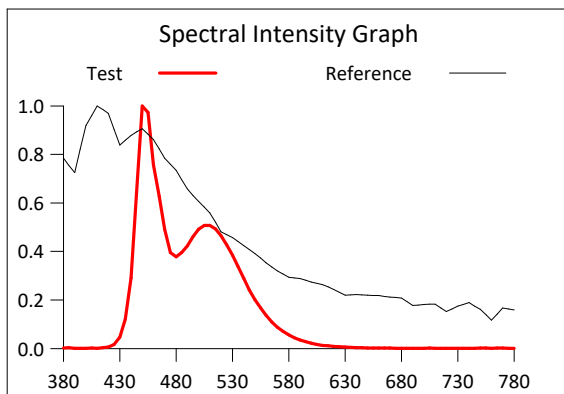
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Rf: 25.4 CCT(K): 100000 u': 0.1124
 Rg: 46.1 LER: 239.7 Duv: 0.0657 v': 0.2645

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	0.5	-67.3%	-21.0%
2	0.0	-46.6%	-3.4%
3	26.2	-36.3%	14.7%
4	47.5	-15.2%	9.0%
5	56.0	-18.5%	-9.9%
6	51.5	-19.4%	-23.3%
7	13.4	-35.8%	-29.5%
8	21.1	-49.9%	-20.5%
9	25.9	-40.7%	-0.4%
10	44.5	-25.5%	15.3%
11	56.9	-10.0%	9.3%
12	72.2	1.0%	-17.7%
13	37.6	-6.9%	-37.6%
14	2.8	-20.7%	-65.8%
15	3.3	-43.8%	-85.6%
16	0.0	-54.9%	-51.7%



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