

LED Test Report

Product Mark

Product Type : ORPNK-FA2-4800R2

Manufacturer : -

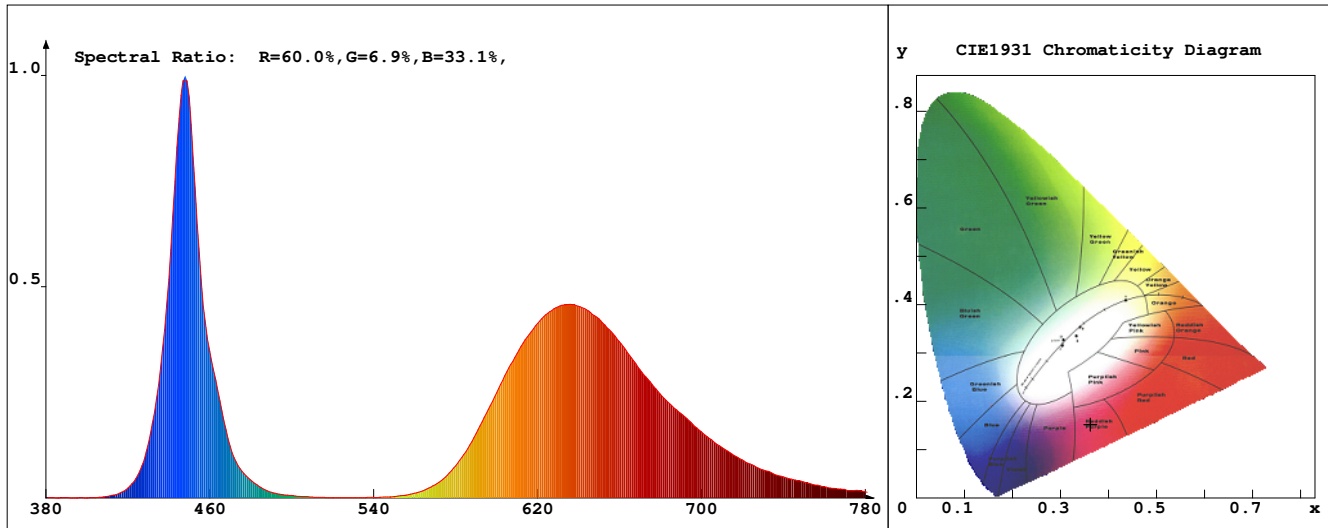
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark:



Chroma Parameters

Chro.Coord.:x=0.3621 y=0.1522 u=0.3531 v=0.2226 duv=-0.1378

CCT: 1515K Dominant Wave.:545.9nm Purity:47.0% Centre Wave:446.9nm

Flux RGB Ratio:R=62.1%,G=30.3%,B=7.6% Peak Wave:446.6nm Half Width:16.1nm

Rendering Index:Ra=-11.7 CRI=115.5

R1 =88 R2 =11 R3 =-84 R4 =-18 R5 =52 R6 =-93 R7 =-53 R8 =4

R9 =51 R10=-103 R11=-17 R12=-385 R13=56 R14=3 R15=75

PPF:15.168umol/s (400-700nm)

PRF:3.2mW (400-700nm)

PAR:2.7mW (400-700nm)

Photo Parameters

Flux:406.17lm Effi.:37.0lm/W Radiant:3434.7mW Iv:0.0mcd

Scotopic Flux:894.8Plm Effi.:0.0Plm/W S/P:2.2

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:16703.801umol/s (380-780nm)

Ele. Parameters

Forward Current:If=458.0mA

Reverse Voltage:Vr=5.00V

Forward Voltage:Vf=24.00V

Reverse Current:Ir=0.00uA

Power:P=11.011W

Instrument state

Instrument:Lisun LMS-8000

Integral Time: 63.692ms

VPeak: 15368

VDark: 1309

Scan Range: 380-780nm

Product ID: 201508924

www.orizzonteled.com

IES TM-30-2015 Test Report

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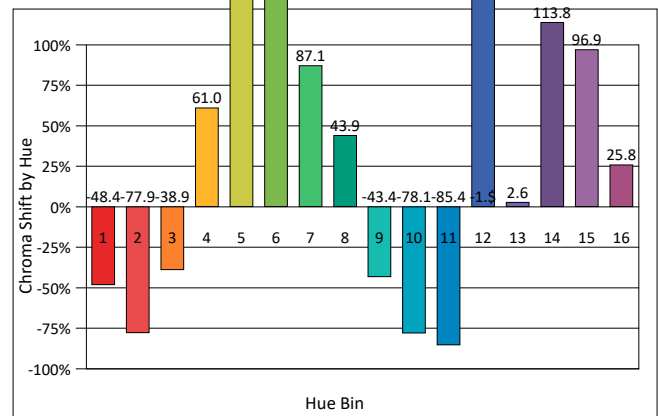
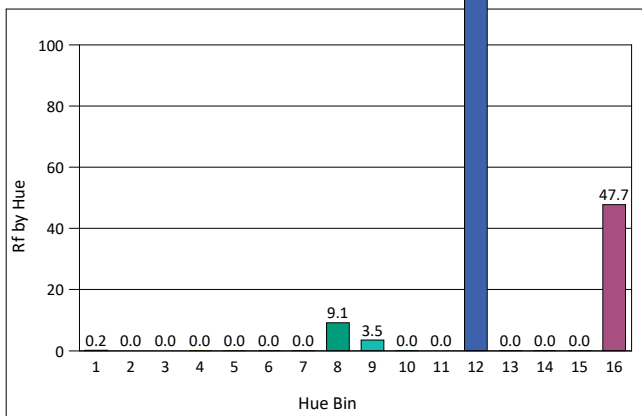
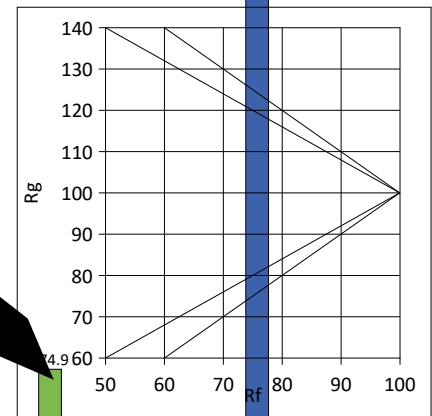
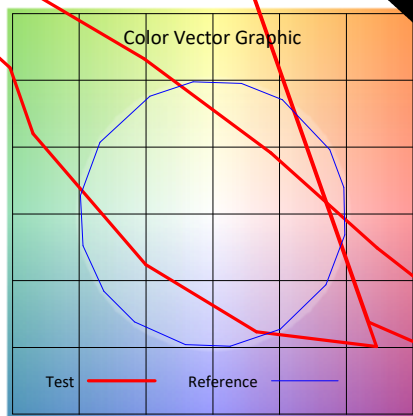
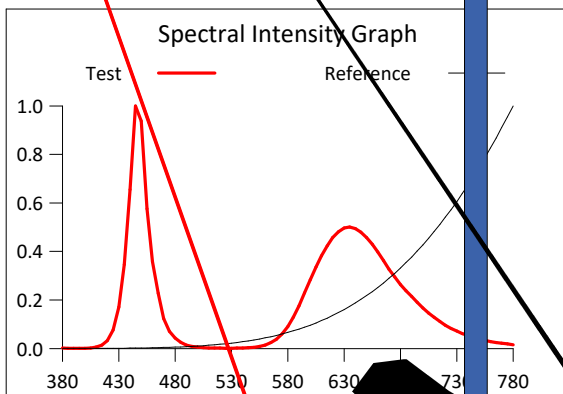
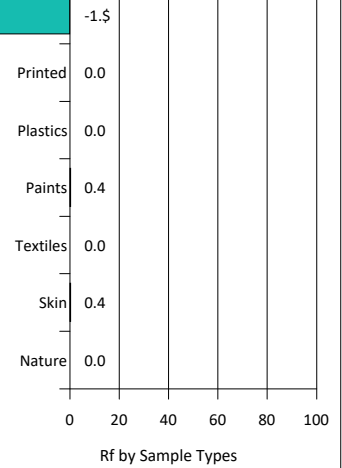
Rf: 214748368.0

CCT(K): 1515

u': 0.531

Graphic Shifts (%)

1	0.2	-48.4%	36.0%
2	0.0	-77.9%	133.8%
3	0.0	-38.9%	225.6%
4	0.0	61.0%	226.3%
5	0.0	136.2%	174.1%
6	0.0	174.9%	100.1%
7	0.0	87.1%	-8.9%
8	9.1	43.9%	-38.4%
9	3.5	-43.4%	23.0%
10	0.0	-78.1%	88.7%
11	0.0	-85.4%	160.8%
12	-1.5	-1.5%	-1.5%
13	0.0	2.6%	105.3%
14	0.0	113.8%	110.3%
15	0.0	96.9%	38.1%
16	47.7	25.8%	-4.9%



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