

LED Test Report

Product Mark

Product Type : ORGRE-F52-4800R2

Manufacturer : -

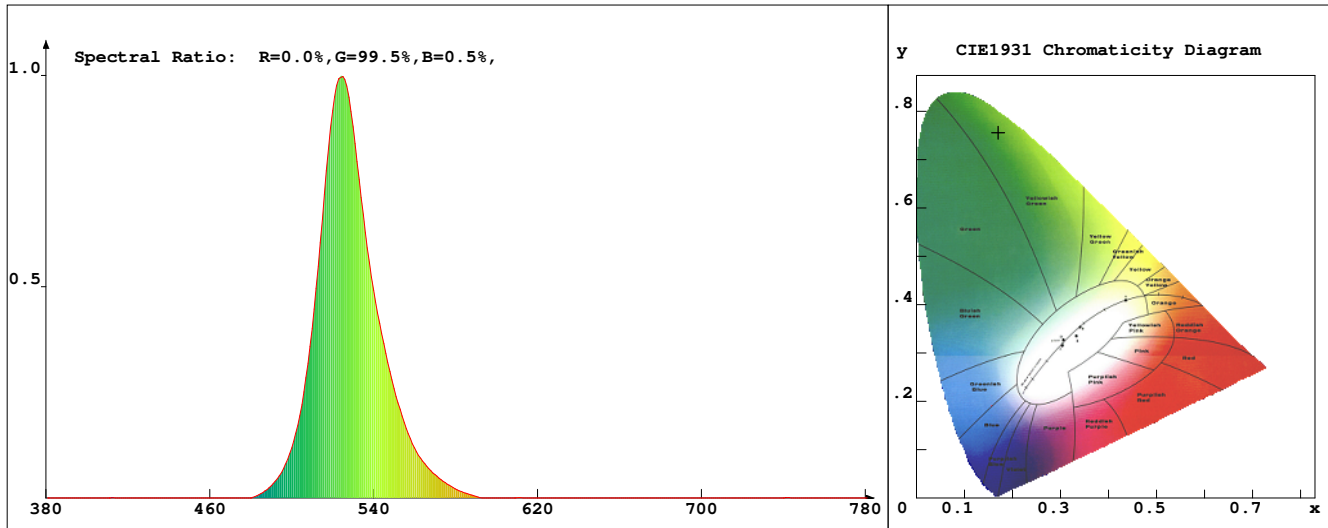
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark :



Chroma Parameters

Chro.Coord.:x=0.1702 y=0.7561 u=0.0580 v=0.3867 duv=0.1610

CCT: 7674K Dominant Wave.:529.4nm Purity:89.0% Centre Wave:524.8nm

Flux RGB Ratio:R=0.0%,G=99.9%,B=0.1% Peak Wave:523.6nm Half Width:27.5nm

Rendering Index:Ra=-35.7 CRI=112.8

R1 =-41 R2 =-21 R3 =-43 R4 =-78 R5 =-15 R6 =-27 R7 =-19 R8 =-40

R9 =-375 R10=-133 R11=-112 R12=-51 R13=-49 R14=28 R15=-37

PPF:7.807umol/s (400-700nm)

PRF:1.8mW (400-700nm)

PAR:1.4mW (400-700nm)

Photo Parameters

Flux:1067.30lm Effi.:107.8lm/W Radiant:1770.2mW Iv:0.0mcd

Scotopic Flux:2772.5Plm Effi.:0.0Plm/W S/P:2.6

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:7807.700umol/s (380-780nm)

Ele. Parameters

Forward Current:If=412.0mA

Reverse Voltage:Vr=5.00V

Forward Voltage:Vf=24.02V

Reverse Current:Ir=0.00uA

Power:P=9.900W

Instrument state

Instrument:Lisun LMS-8000

Integral Time: 44.259ms

VPeak: 13720

VDark: 1376

Scan Range: 380-780nm

Product ID: 201508924

www.orizzonteled.com

IES TM-30-2015 Test Report

Product Mark

Product Type : ORGRE-F52-4800R2

Temperature : 'C

Operator : -

Remark :

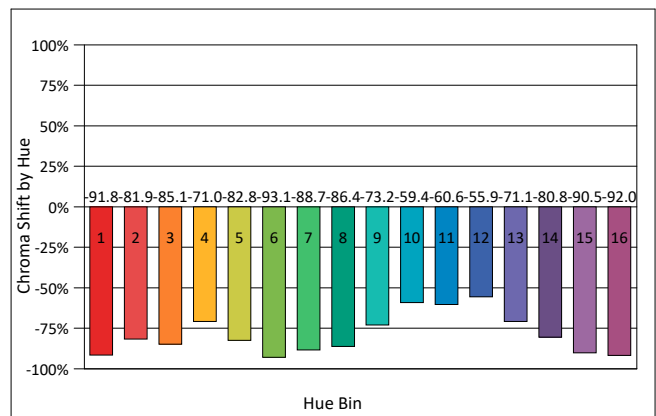
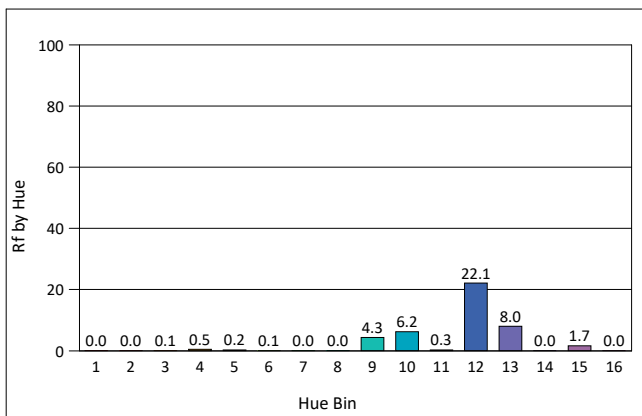
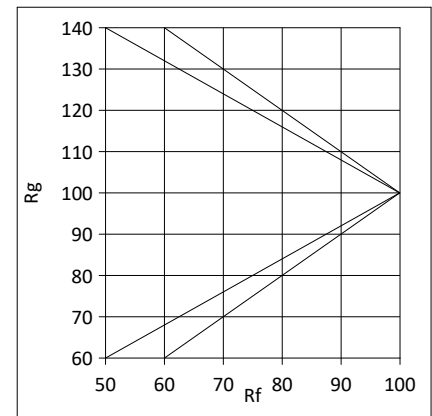
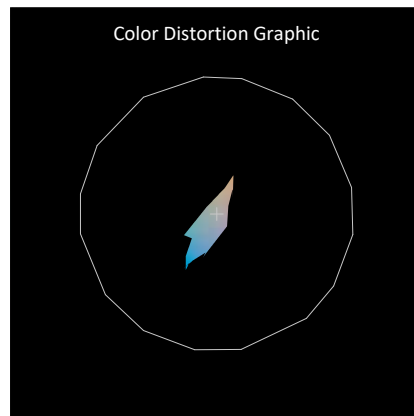
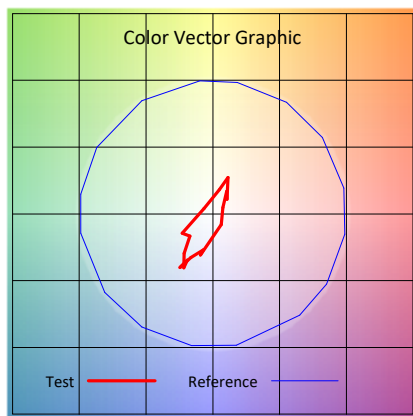
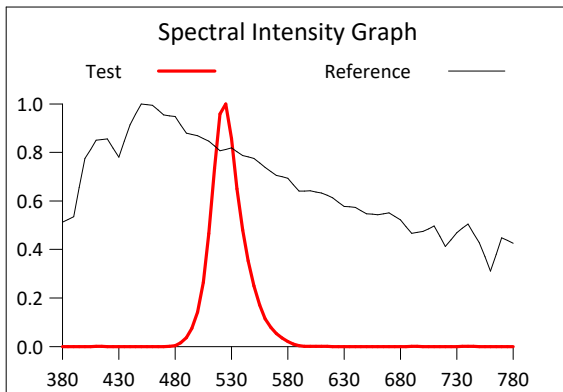
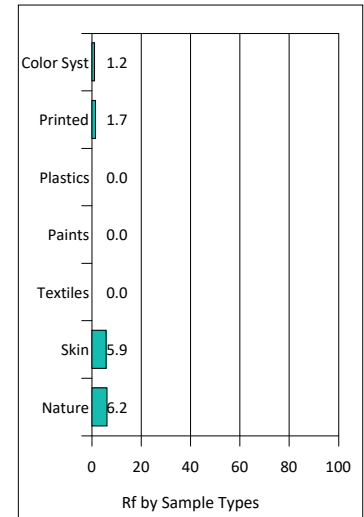
Manufacturer : -

Humidity : -%

Test Date : 2025-03-20

Rf: 0.1 CCT(K): 7674 u': 0.0580
 Rg: 2.6 LER: 524.8 Duv: 0.1610 v': 0.3867

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	0.0	-91.8%	3.3%
2	0.0	-81.9%	6.3%
3	0.1	-85.1%	-3.3%
4	0.5	-71.0%	-7.0%
5	0.2	-82.8%	1.6%
6	0.1	-93.1%	6.1%
7	0.0	-88.7%	17.8%
8	0.0	-86.4%	14.8%
9	4.3	-73.2%	29.9%
10	6.2	-59.4%	17.5%
11	0.3	-60.6%	0.6%
12	22.1	-55.9%	-19.9%
13	8.0	-71.1%	-20.6%
14	0.0	-80.8%	-32.9%
15	1.7	-90.5%	-34.5%
16	0.0	-92.0%	-11.0%



IES TM-30-2015 Test Report

Product Mark

Product Type : ORGRE-F52-4800R2

Manufacturer : -

Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark :

