

LED Test Report

Product Mark

Product Type : ORYEL-F52-4800R2-S1

Manufacturer : -

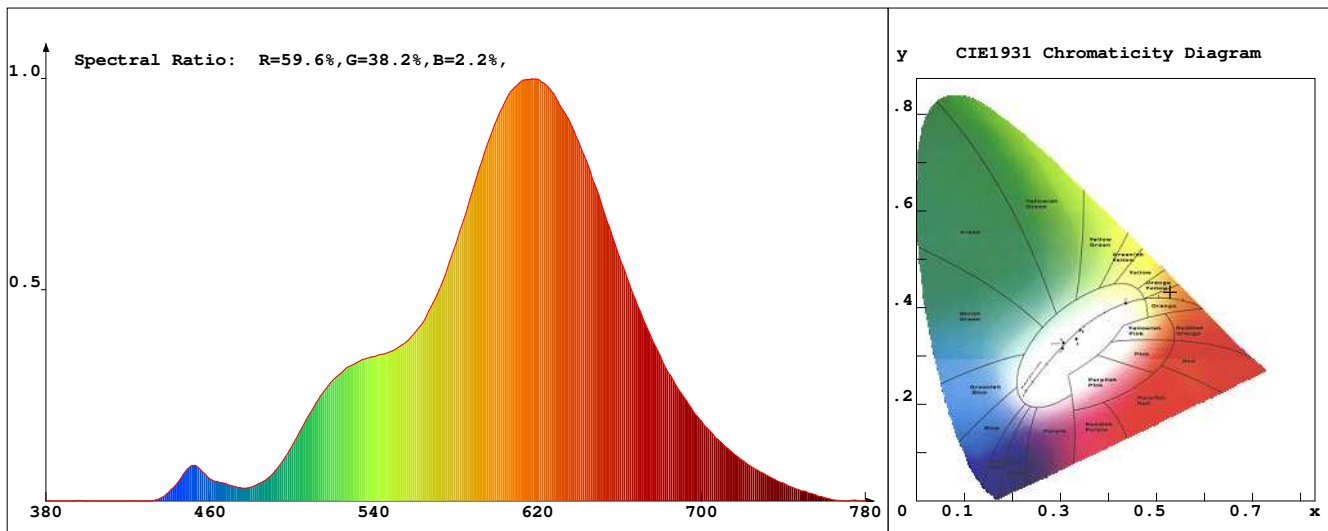
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark :



Chroma Parameters

Chro.Coord.:x=0.5281 y=0.4322 u=0.2962 v=0.3637 duv=0.0055

CCT: 2105K Dominant Wave.:586.5nm Purity:88.3% Centre Wave:617.9nm

Flux RGB Ratio:R=31.1%,G=68.5%,B=0.4% Peak Wave:617.5nm Half Width:93.5nm

Rendering Index:Ra= 84.9 CRI= 82.6

R1 =84 R2 =92 R3 =97 R4 =87 R5 =84 R6 =95 R7 =83 R8 =58

R9 =13 R10=83 R11=91 R12=79 R13=86 R14=98 R15=72

PPF:14.105umol/s (400-700nm)

PRF:2.8mW (400-700nm)

PAR:2.6mW (400-700nm)

Photo Parameters

Flux:911.75lm Effi.:83.0lm/W Radiant:2903.0mW Iv:0.0mcd

Scotopic Flux:806.2Plm Effi.:0.0Plm/W S/P:0.9

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:14753.500umol/s (380-780nm)

Ele. Parameters

Forward Current:If=451.0mA

Reverse Voltage:Vr=5.00V

Forward Voltage:Vf=24.36V

Reverse Current:Ir=0.00uA

Power:P=11.001W

Instrument state

Instrument:Lisun LMS-8000

Integral Time: 130.655ms

VPeak: 13672

VDark: 1253

Scan Range: 380-780nm

Product ID: 201508924

www.orizzonteled.com

IES TM-30-2015 Test Report

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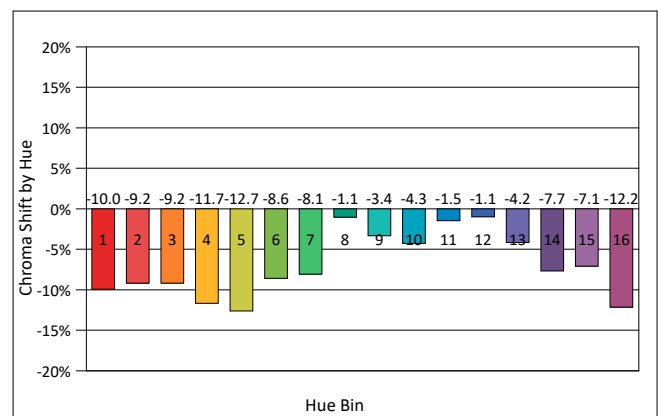
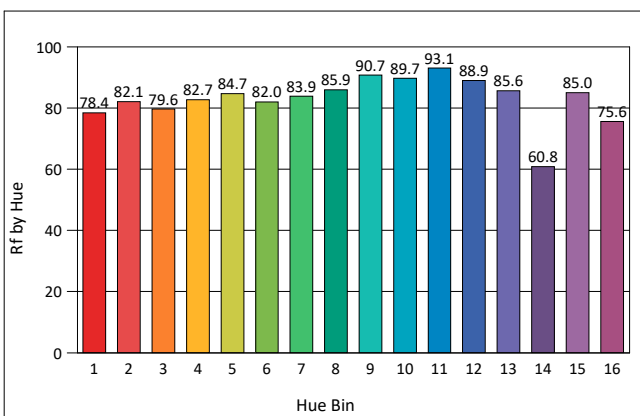
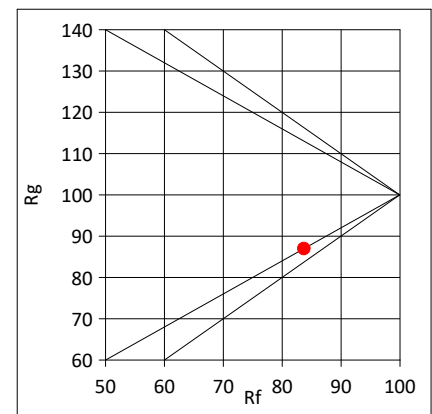
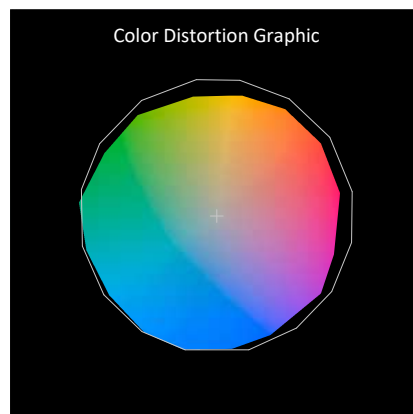
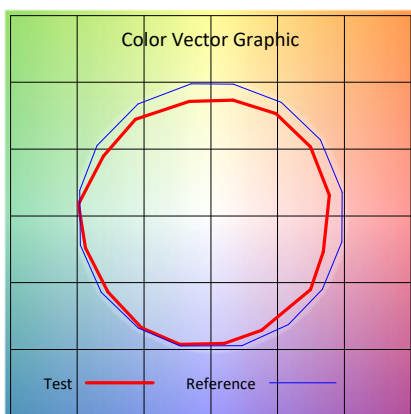
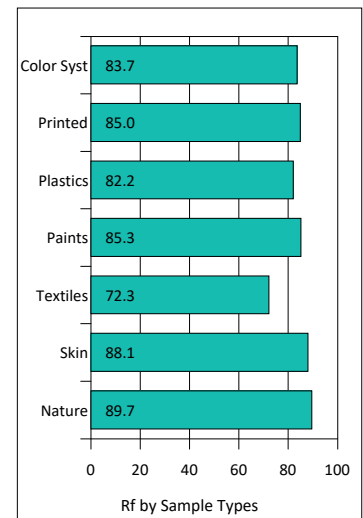
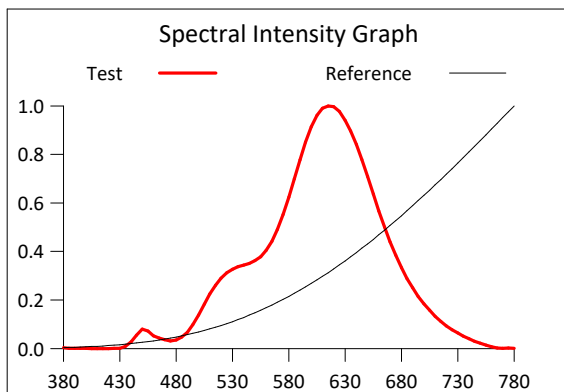
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Rf: 83.7 CCT(K): 2105 u': 0.2962
 Rg: 86.9 LER: 309.3 Duv: 0.0055 v': 0.3637

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	78.4	-10.0%	-0.4%
2	82.1	-9.2%	-0.3%
3	79.6	-9.2%	-1.4%
4	82.7	-11.7%	-2.3%
5	84.7	-12.7%	4.0%
6	82.0	-8.6%	8.2%
7	83.9	-8.1%	3.9%
8	85.9	-1.1%	10.3%
9	90.7	-3.4%	2.9%
10	89.7	-4.3%	2.4%
11	93.1	-1.5%	1.9%
12	88.9	-1.1%	-0.3%
13	85.6	-4.2%	-12.7%
14	60.8	-7.7%	-19.1%
15	85.0	-7.1%	-5.2%
16	75.6	-12.2%	-10.0%



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