

LED Test Report

Product Mark

Product Type : ORYEL-FA2-4800R2

Manufacturer : -

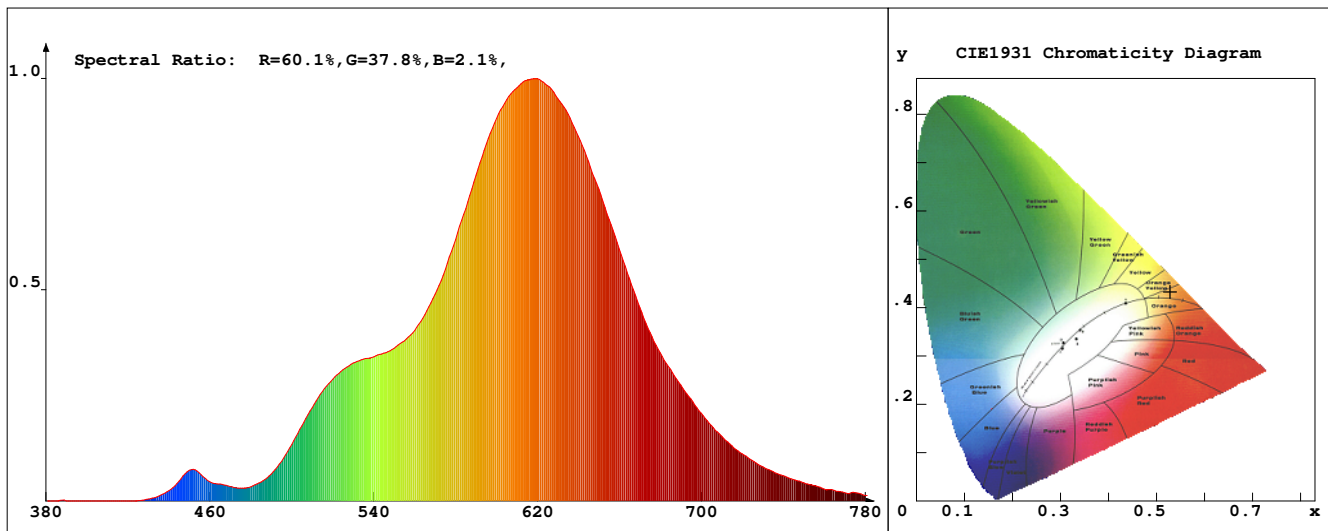
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark:



Chroma Parameters

Chro.Coord.:x=0.5285 y=0.4330 u=0.2961 v=0.3639 duv=0.0057

CCT: 2106K Dominant Wave.:586.4nm Purity:88.6% Centre Wave:617.8nm

Flux RGB Ratio:R=30.9%,G=68.7%,B=0.4% Peak Wave:619.5nm Half Width:95.3nm

Rendering Index:Ra= 84.6 CRI= 82.1

R1 =82 R2 =90 R3 =97 R4 =87 R5 =86 R6 =96 R7 =82 R8 =57

R9 =13 R10=80 R11=91 R12=81 R13=83 R14=98 R15=71

PPF:12.341umol/s (400-700nm)

PRF:2.4mW (400-700nm)

PAR:2.2mW (400-700nm)

Photo Parameters

Flux:796.74lm Effi.:72.5lm/W Radiant:2567.5mW Iv:0.0mcd

Scotopic Flux:704.4Plm Effi.:0.0Plm/W S/P:0.9

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:13088.100umol/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=11.020W

Instrument state

Instrument:Lisun LMS-8000

Integral Time: 164.555ms

VPeak: 14616

VDark: 1075

Scan Range: 380-780nm

Product ID: 201508924

www.orizzonteled.com

IES TM-30-2015 Test Report

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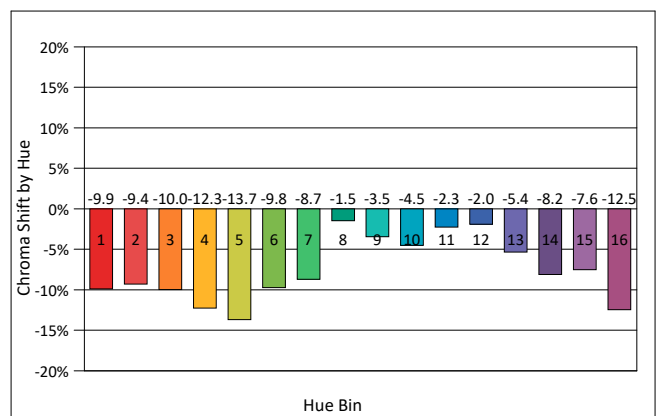
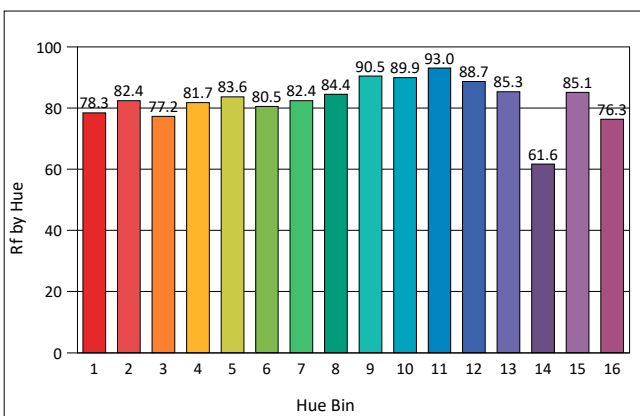
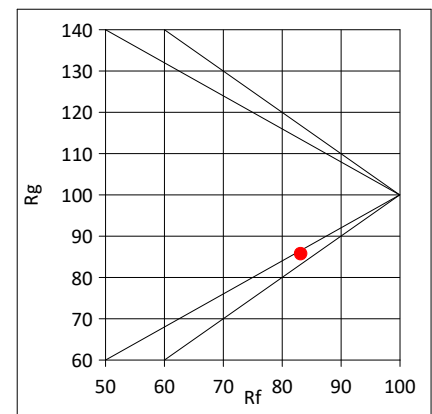
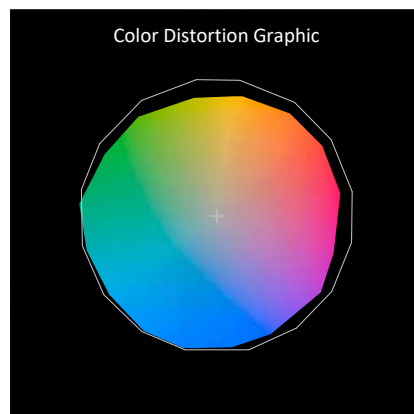
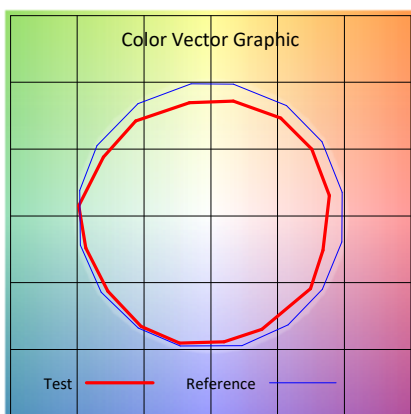
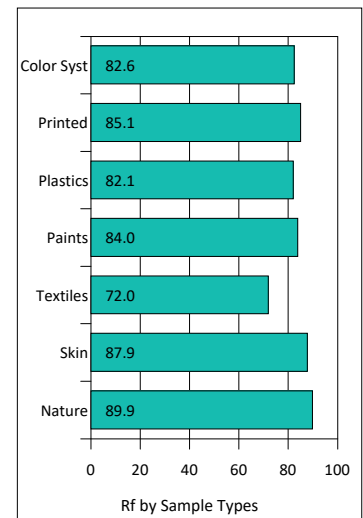
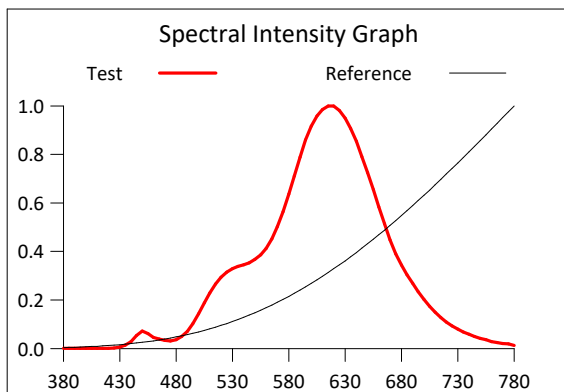
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Rf: 83.2 CCT(K): 2106 u': 0.2961
 Rg: 85.7 LER: 305.0 Duv: 0.0057 v': 0.3639

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	78.3	-9.9%	-0.5%
2	82.4	-9.4%	-0.4%
3	77.2	-10.0%	-1.7%
4	81.7	-12.3%	-2.6%
5	83.6	-13.7%	3.9%
6	80.5	-9.8%	8.6%
7	82.4	-8.7%	4.6%
8	84.4	-1.5%	11.4%
9	90.5	-3.5%	2.9%
10	89.9	-4.5%	2.0%
11	93.0	-2.3%	1.0%
12	88.7	-2.0%	-0.7%
13	85.3	-5.4%	-12.5%
14	61.6	-8.2%	-18.4%
15	85.1	-7.6%	-4.6%
16	76.3	-12.5%	-8.9%



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