

LED Test Report

Product Mark

Product Type : OR30s-F52-1608Z2-S1

Manufacturer : -

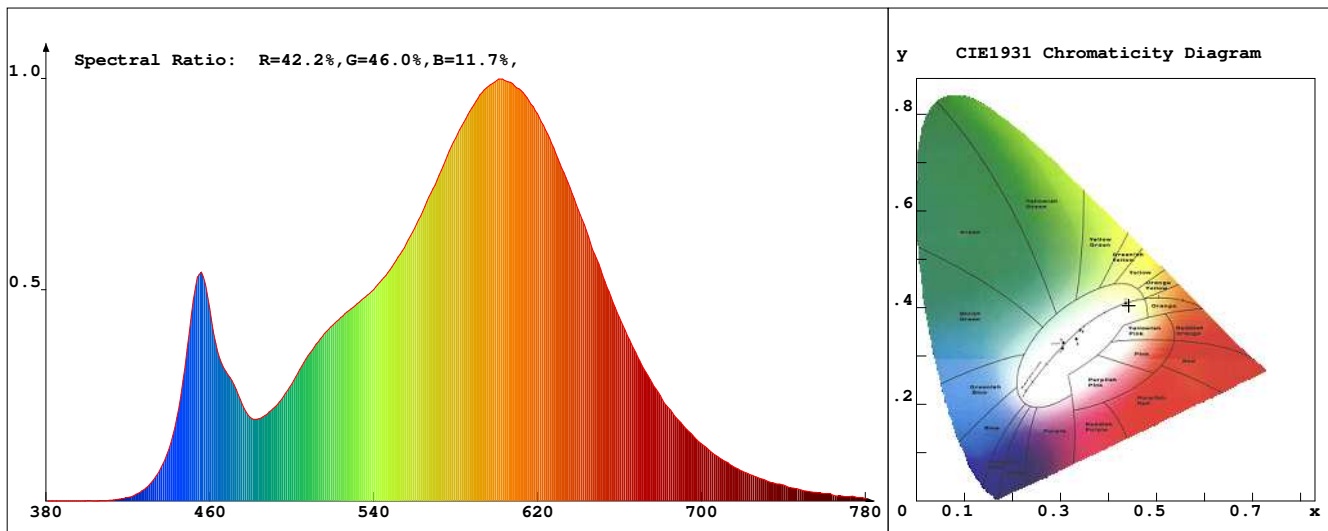
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark:



Chroma Parameters

Chro.Coord.:x=0.4421 y=0.4042 u=0.2539 v=0.3481 duv=-0.0006

CCT: 2916K Dominant Wave.:583.4nm Purity:54.0% Centre Wave:596.5nm

Flux RGB Ratio:R=22.3%,G=76.0%,B=1.8% Peak Wave:600.7nm Half Width:113.9nm

Rendering Index:Ra= 80.2 CRI= 77.7

R1 =78 R2 =90 R3 =95 R4 =78 R5 =80 R6 =90 R7 =78 R8 =52

R9 =-3 R10=79 R11=76 R12=70 R13=81 R14=98 R15=70

PPF:28.210umol/s (400-700nm)

PRF:5.8mW (400-700nm)

PAR:5.2mW (400-700nm)

Photo Parameters

Flux:2129.00lm Effi.:148.0lm/W Radiant:5996.4mW Iv:0.0mcd

Scotopic Flux:2801.3Plm Effi.:0.0Plm/W S/P:1.3

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:29146.100umol/s (380-780nm)

Ele. Parameters

Forward Current:If=601.0mA

Reverse Voltage:Vr=5.00V

Forward Voltage:Vf=23.94V

Reverse Current:Ir=0.00uA

Power:P=14.400W

Instrument state

Instrument:Lisun LMS-8000

Integral Time: 68.505ms

VPeak: 13160

VDark: 1226

Scan Range: 380-780nm

Product ID: 201508924

www.orizzonteled.com

IES TM-30-2015 Test Report

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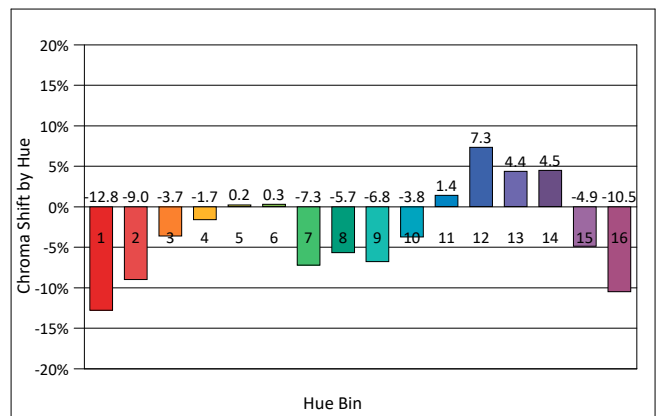
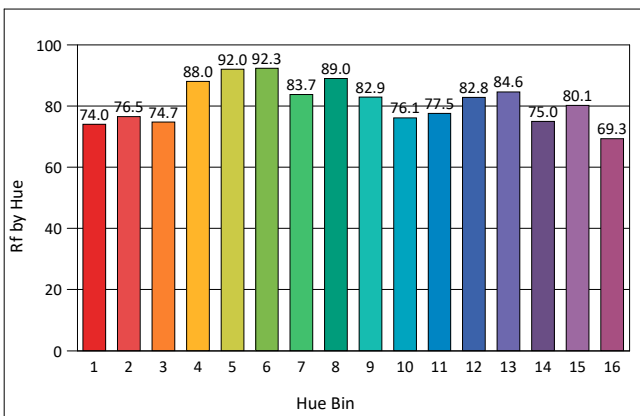
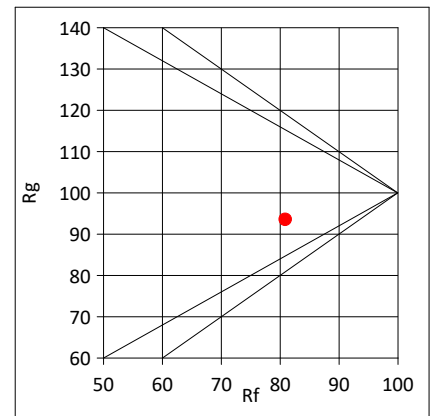
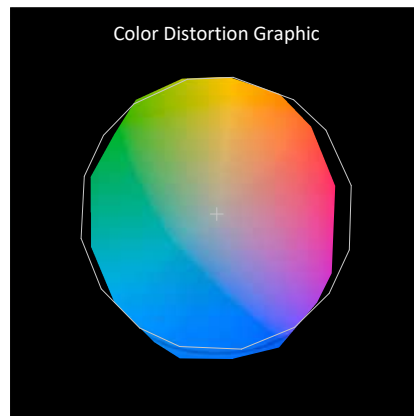
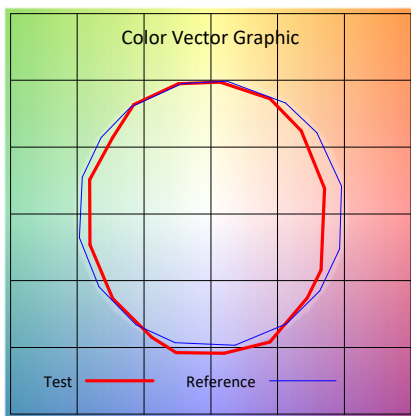
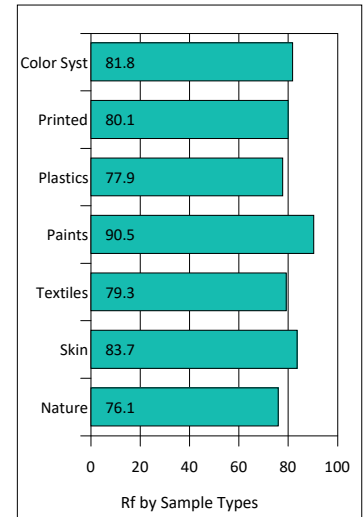
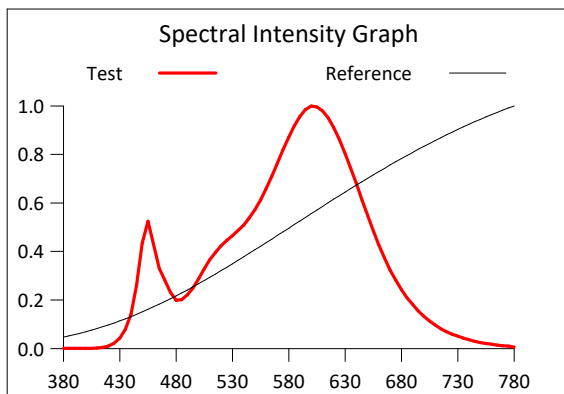
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Rf: 80.9 CCT(K): 2916 u': 0.2539
 Rg: 93.5 LER: 334.7 Duv: -0.0006 v': 0.3481

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	74.0	-12.8%	1.0%
2	76.5	-9.0%	7.7%
3	74.7	-3.7%	11.3%
4	88.0	-1.7%	4.8%
5	92.0	0.2%	3.0%
6	92.3	0.3%	-3.1%
7	83.7	-7.3%	-4.9%
8	89.0	-5.7%	0.6%
9	82.9	-6.8%	6.7%
10	76.1	-3.8%	13.2%
11	77.5	1.4%	14.8%
12	82.8	7.3%	2.3%
13	84.6	4.4%	-9.1%
14	75.0	4.5%	-17.8%
15	80.1	-4.9%	-9.6%
16	69.3	-10.5%	-18.3%



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