

LED Test Report

Product Mark

Product Type : OR270-F52-3200S2-6 5.4w

Manufacturer : -

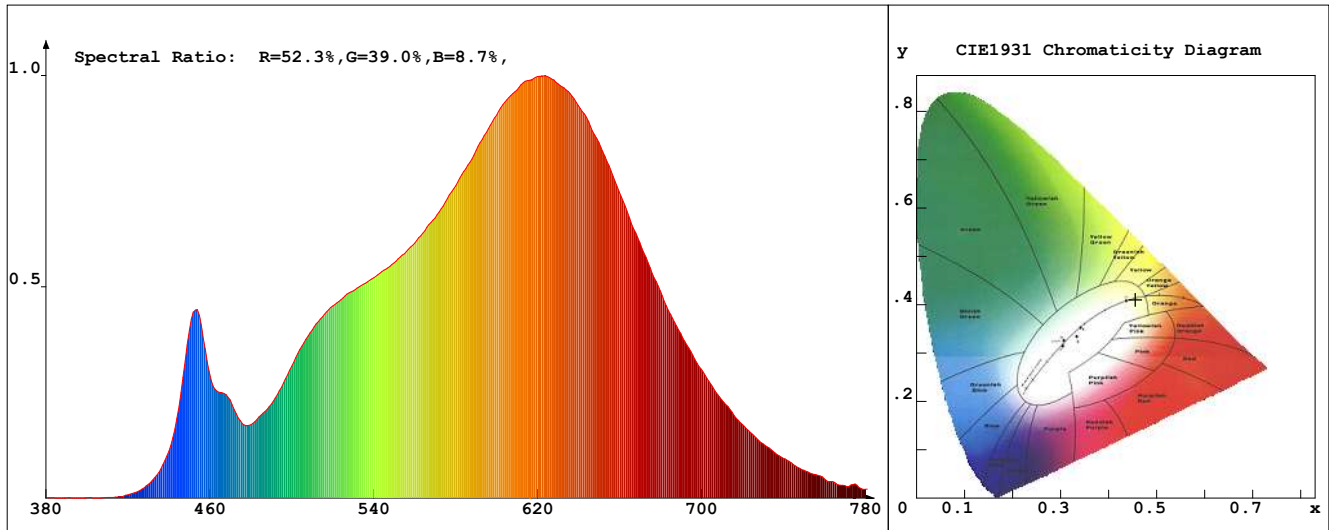
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2024-12-04

Remark:



Chroma Parameters

Chro.Coord.:x=0.4554 y=0.4105 u=0.2597 v=0.3511 duv=0.0003

CCT: 2762K Dominant Wave.:583.8nm Purity:59.9% Centre Wave:606.0nm

Flux RGB Ratio:R=25.1%,G=73.4%,B=1.5% Peak Wave:622.6nm Half Width:142.9nm

Rendering Index:Ra= 92.4 CRI= 90.2

R1 =93 R2 =96 R3 =99 R4 =94 R5 =93 R6 =95 R7 =90 R8 =79

R9 =55 R10=92 R11=96 R12=82 R13=94 R14=99 R15=87

PPF:7.035umol/s (400-700nm)

PRF:1.4mW (400-700nm)

PAR:1.3mW (400-700nm)

Photo Parameters

Flux:450.12lm Effi.:83.7lm/W Radiant:1513.0mW Iv:0.0mcd

Scotopic Flux:592.6Plm Effi.:0.0Plm/W S/P:1.3

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:7548.130umol/s (380-780nm)

Ele. Parameters

Forward Current:If=224.0mA

Reverse Voltage:Vr=5.00V

Forward Voltage:Vf=24.00V

Reverse Current:Ir=0.00uA

Power:P=5.391W

Instrument state

Instrument:Lisun

Integral Time: 312.303ms

VPeak: 13384

VDark: 1340

Scan Range: 380-780nm

Product ID: 201508924

<http://www.orizzonteled.com/>

IES TM-30-2015 Test Report

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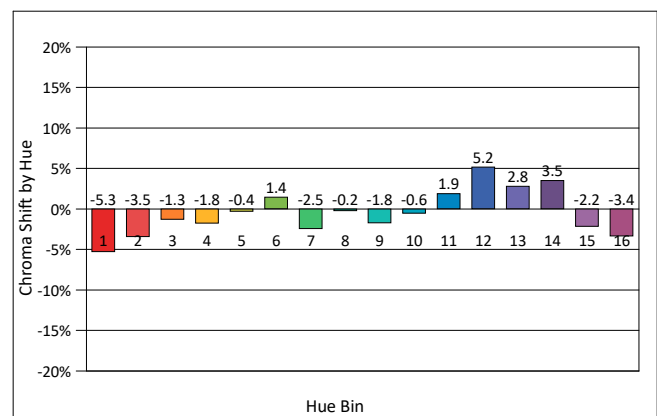
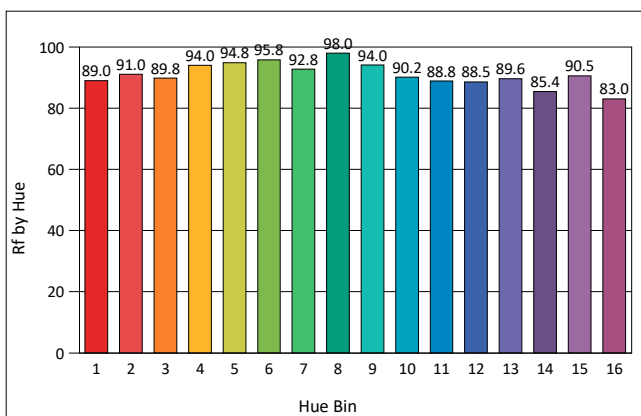
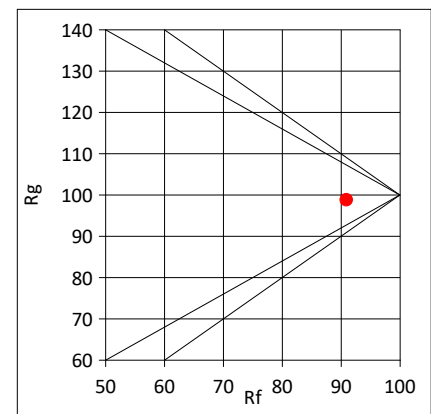
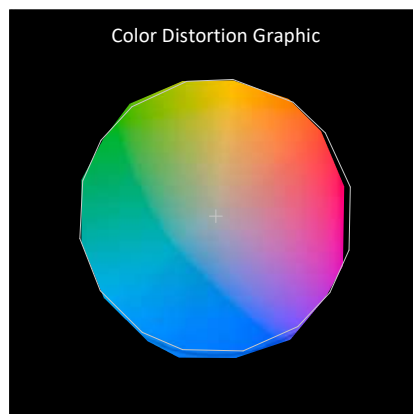
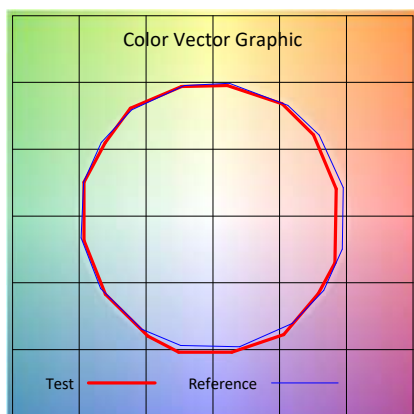
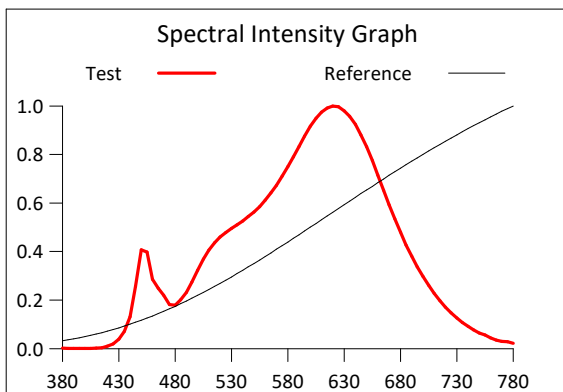
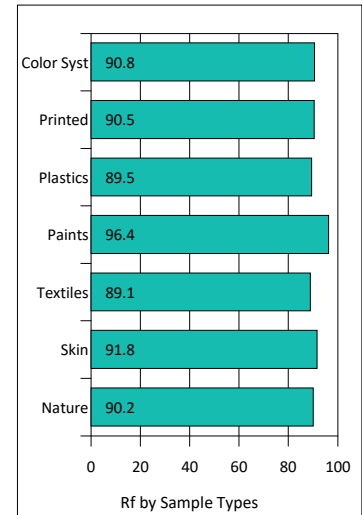
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Rf: 90.9 CCT(K): 2762 u': 0.2597
Rg: 98.8 LER: 291.1 Duv: 0.0003 v': 0.3511

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	89.0	-5.3%	0.2%
2	91.0	-3.5%	2.7%
3	89.8	-1.3%	4.4%
4	94.0	-1.8%	1.1%
5	94.8	-0.4%	2.2%
6	95.8	1.4%	0.1%
7	92.8	-2.5%	-1.3%
8	98.0	-0.2%	0.1%
9	94.0	-1.8%	2.4%
10	90.2	-0.6%	5.6%
11	88.8	1.9%	7.1%
12	88.5	5.2%	-0.3%
13	89.6	2.8%	-6.5%
14	85.4	3.5%	-10.2%
15	90.5	-2.2%	-4.2%
16	83.0	-3.4%	-11.3%



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