

LED Test Report

Product Mark

Product Type : OR30s-F52-120DZ2-S1E 5W 50cmManufacturer : -

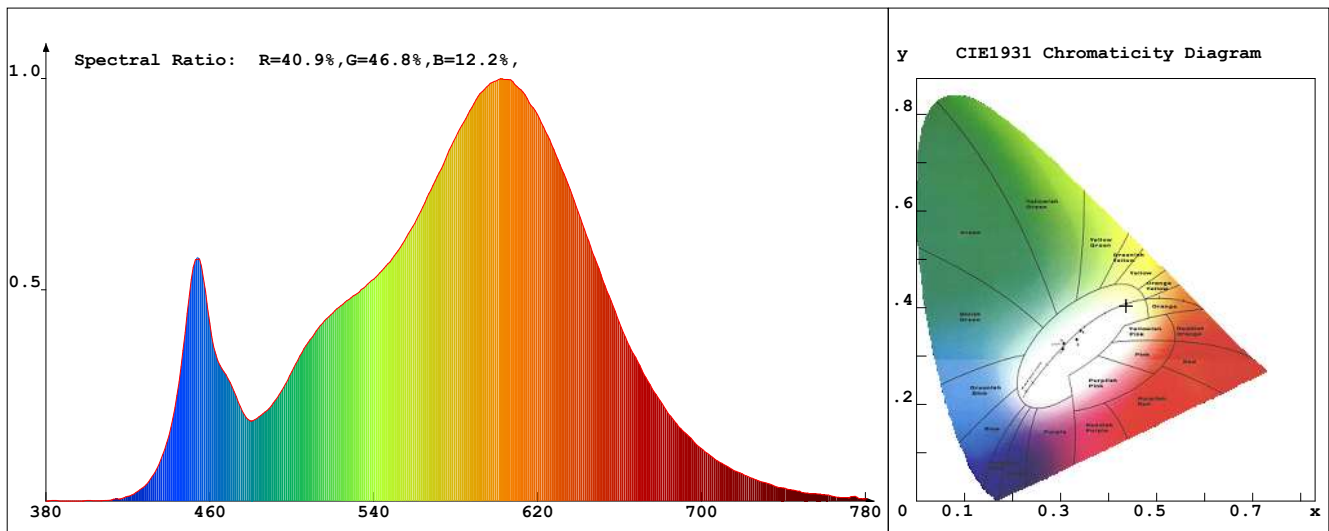
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2024-12-04

Remark:



Chroma Parameters

Chro.Coord.:x=0.4364 y=0.4036 u=0.2504 v=0.3474 duv=-0.0001

CCT: 3006K Dominant Wave.:582.8nm Purity:52.2% Centre Wave:593.0nm

Flux RGB Ratio:R=21.8%,G=76.4%,B=1.8% Peak Wave:601.8nm Half Width:118.9nm

Rendering Index:Ra= 81.1 CRI= 78.5

R1 =79 R2 =91 R3 =96 R4 =79 R5 =81 R6 =89 R7 =80 R8 =54

R9 =-1 R10=79 R11=79 R12=70 R13=82 R14=98 R15=71

PPF:7.470umol/s (400-700nm)

PRF:1.6mW (400-700nm)

PAR:1.4mW (400-700nm)

Photo Parameters

Flux:557.74lm Effi.:111.6lm/W Radiant:1588.4mW Iv:0.0mcd

Scotopic Flux:754.1Plm Effi.:0.0Plm/W S/P:1.4

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:7686.590umol/s (380-780nm)

Ele. Parameters

Forward Current:If=205.0mA

Reverse Voltage:Vr=5.00V

Forward Voltage:Vf=24.37V

Reverse Current:Ir=0.00uA

Power:P=5.020W

Instrument state

Instrument:Lisun

Integral Time: 274.005ms

VPeak: 13848

VDark: 1284

Scan Range: 380-780nm

Product ID: 201508924

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

IES TM-30-2015 Test Report

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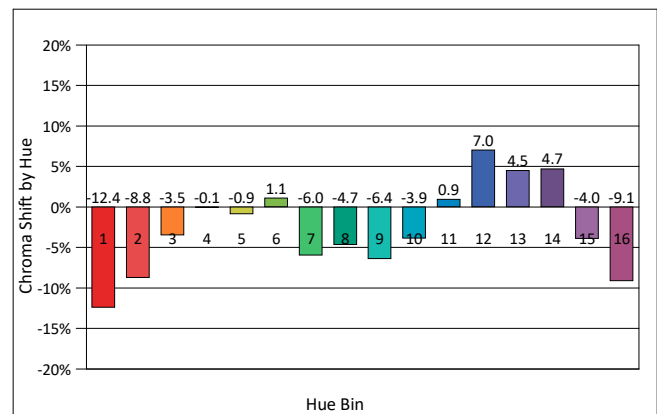
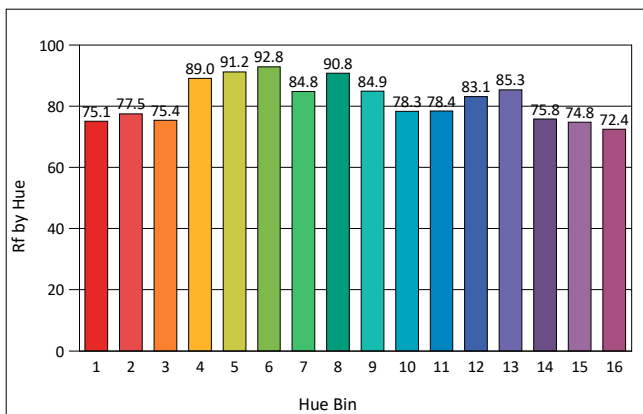
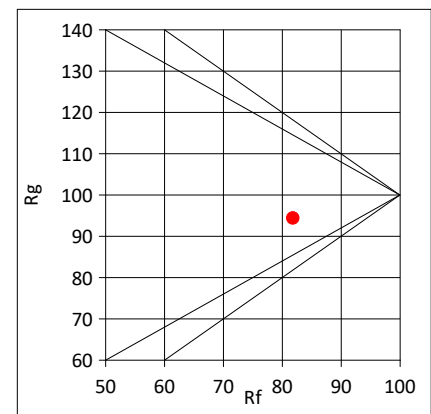
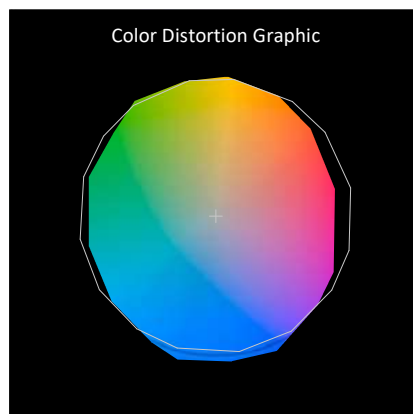
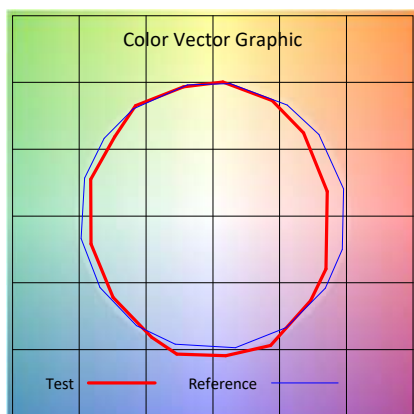
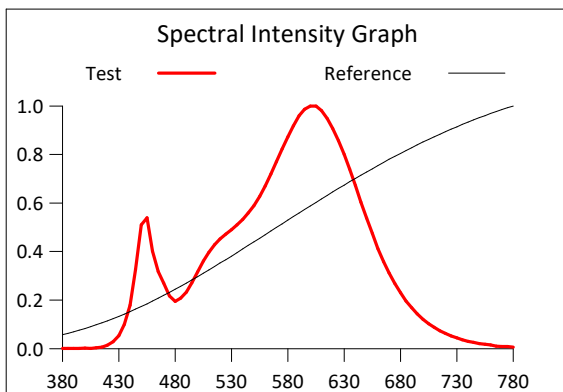
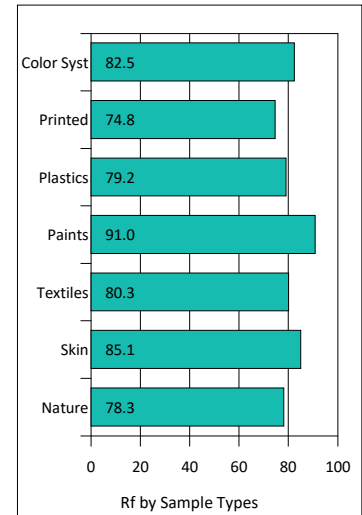
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Rf: 81.8 CCT(K): 3006 u': 0.2504
Rg: 94.4 LER: 337.2 Duv: -0.0001 v': 0.3474

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	75.1	-12.4%	0.5%
2	77.5	-8.8%	7.3%
3	75.4	-3.5%	11.1%
4	89.0	-0.1%	5.7%
5	91.2	-0.9%	3.1%
6	92.8	1.1%	-2.7%
7	84.8	-6.0%	-5.4%
8	90.8	-4.7%	0.1%
9	84.9	-6.4%	5.4%
10	78.3	-3.9%	11.7%
11	78.4	0.9%	14.2%
12	83.1	7.0%	2.6%
13	85.3	4.5%	-8.4%
14	75.8	4.7%	-17.2%
15	74.8	-4.0%	-14.1%
16	72.4	-9.1%	-16.7%



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