

LED Test Report

Product Mark

Product Type : OR40s-F52-238DY2

Manufacturer : -

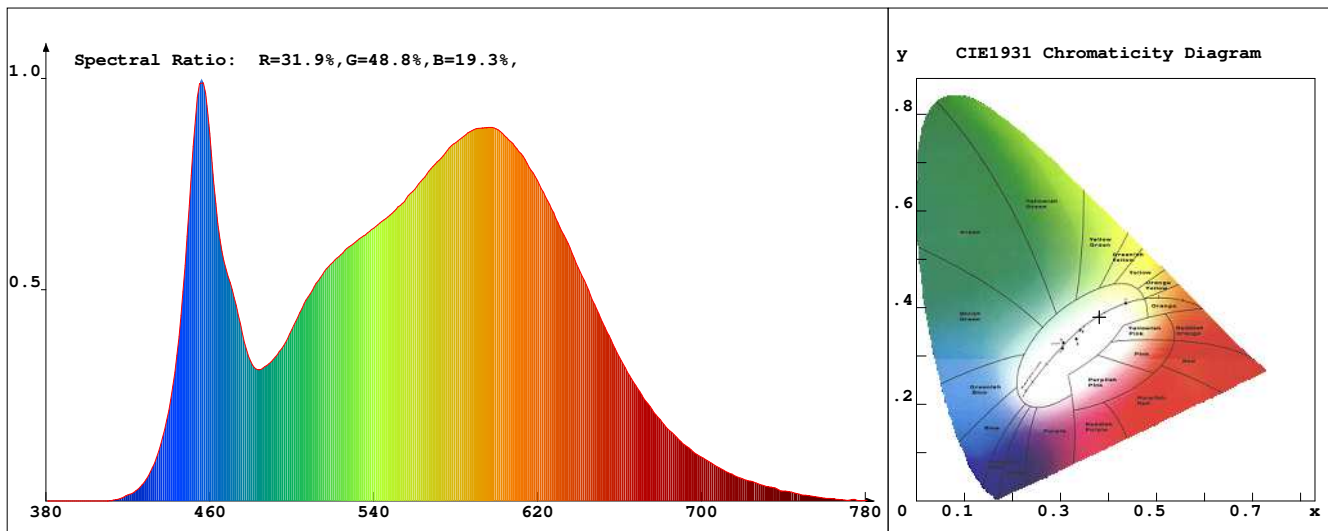
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark:



Chroma Parameters

Chro.Coord.:x=0.3811 y=0.3807 u=0.2240 v=0.3356 duv=0.0017

CCT: 4011K Dominant Wave.:578.2nm Purity:28.6% Centre Wave:458.0nm

Flux RGB Ratio:R=17.4%,G=79.7%,B=2.8% Peak Wave:454.8nm Half Width:23.9nm

Rendering Index:Ra= 82.8 CRI= 79.1

R1 =81 R2 =91 R3 =96 R4 =80 R5 =82 R6 =88 R7 =84 R8 =62

R9 =5 R10=79 R11=79 R12=60 R13=84 R14=98 R15=74

PPF:35.051umol/s (400-700nm)

PRF:7.5mW (400-700nm)

PAR:6.5mW (400-700nm)

Photo Parameters

Flux:2782.41lm Effi.:139.11m/W Radiant:7618.3mW Iv:0.0mcd

Scotopic Flux:4803.3Plm Effi.:0.0Plm/W S/P:1.7

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:35821.801umol/s (380-780nm)

Ele. Parameters

Forward Current:If=831.0mA

Reverse Voltage:Vr=5.00V

Forward Voltage:Vf=24.07V

Reverse Current:Ir=0.00uA

Power:P=20.001W

Instrument state

Instrument:Lisun LMS-8000

Integral Time: 56.085ms

VPeak: 13304

VDark: 1061

Scan Range: 380-780nm

Product ID: 201508924

www.orizzonteled.com

IES TM-30-2015 Test Report

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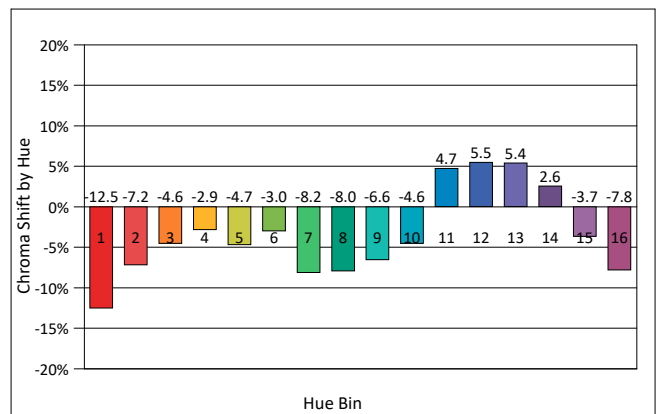
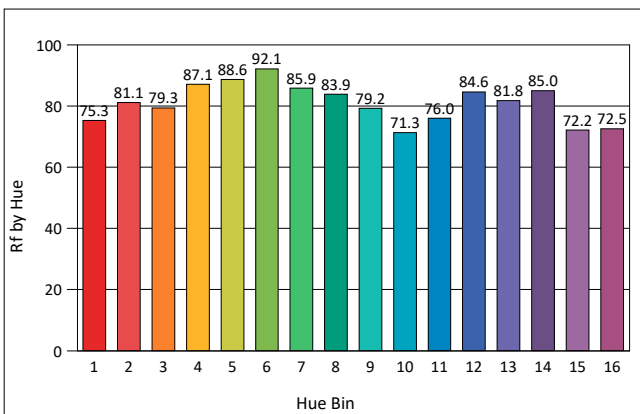
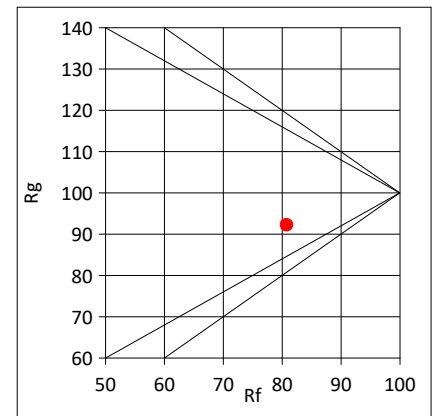
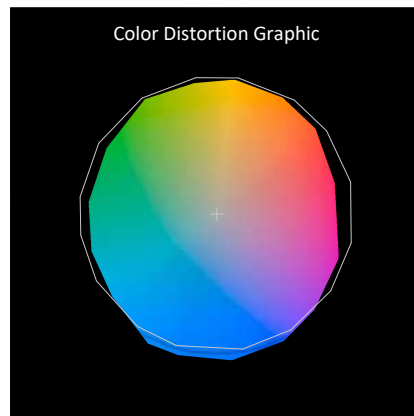
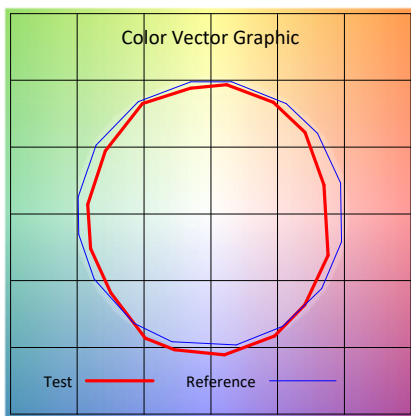
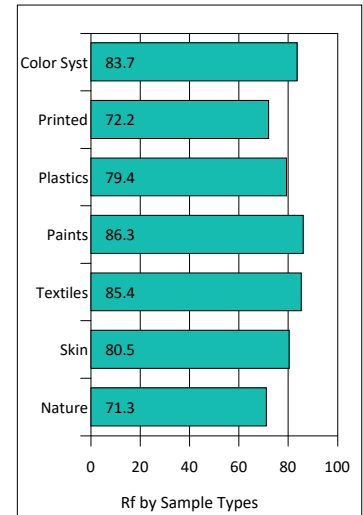
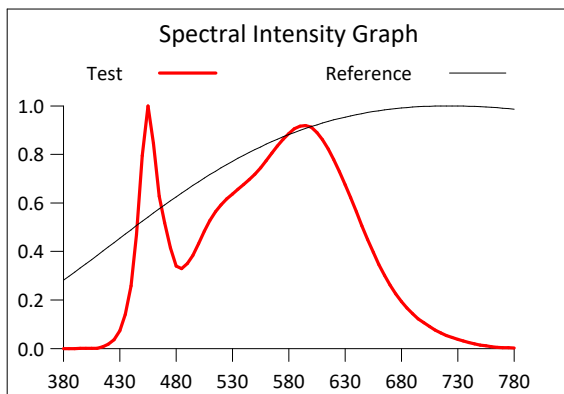
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Rf: 80.8 CCT(K): 4011 u': 0.2240
 Rg: 92.2 LER: 334.2 Duv: 0.0017 v': 0.3356

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	75.3	-12.5%	1.0%
2	81.1	-7.2%	5.7%
3	79.3	-4.6%	8.5%
4	87.1	-2.9%	3.3%
5	88.6	-4.7%	1.3%
6	92.1	-3.0%	-1.7%
7	85.9	-8.2%	-0.2%
8	83.9	-8.0%	3.9%
9	79.2	-6.6%	11.9%
10	71.3	-4.6%	15.4%
11	76.0	4.7%	13.4%
12	84.6	5.5%	3.3%
13	81.8	5.4%	-10.2%
14	85.0	2.6%	-9.1%
15	72.2	-3.7%	-17.3%
16	72.5	-7.8%	-11.9%



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