

LED Test Report

Product Mark

Product Type : OR40s-F52-238DF2

Manufacturer : -

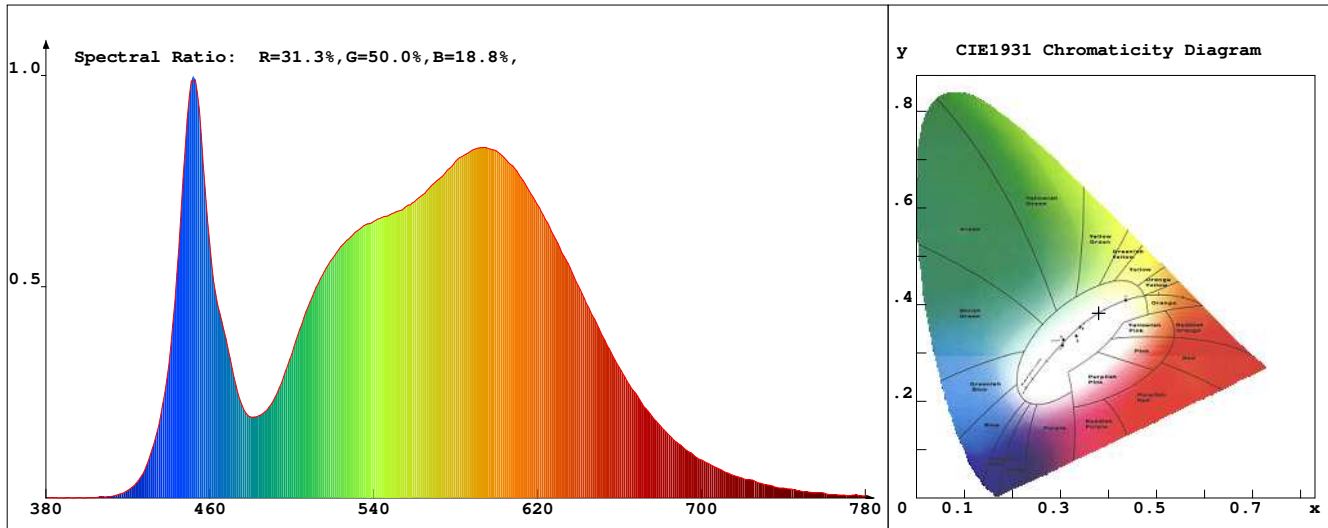
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2026-09-01

Remark:



Chroma Parameters

Chro.Coord.:x=0.3794 y=0.3826 u=0.2221 v=0.3360 duv=0.0030

CCT: 4069K Dominant Wave.:577.2nm Purity:28.7% Centre Wave:451.9nm

Flux RGB Ratio:R=16.9%,G=80.9%,B=2.3% Peak Wave:450.6nm Half Width:18.9nm

Rendering Index:Ra= 80.5 CRI= 76.1

R1 =78 R2 =86 R3 =93 R4 =80 R5 =78 R6 =81 R7 =86 R8 =62

R9 =-2 R10=67 R11=79 R12=54 R13=80 R14=96 R15=72

PPF:32.344umol/s (400-700nm)

PRF: 6.9mW (400-700nm)

PAR: 6.0mW (400-700nm)

Photo Parameters

Flux:2603.83lm Effi.:147.0lm/W Radiant:7043.5mW Iv:0.0mcd

Scotopic Flux:4333.5Plm Effi.:0.0Plm/W S/P:1.7

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:33070.199umol/s (380-780nm)

Ele. Parameters

Forward Current:If=737.0mA

Reverse Voltage:Vr=5.00V

Forward Voltage:Vf=24.03V

Reverse Current:Ir=0.00uA

Power:P=17.720W

Instrument state

Instrument:Lisun LMS-8000

Integral Time: 61.361ms

VPeak: 13832

VDark: 1159

Scan Range: 380-780nm

Product ID: 201508924

www.orizzonteled.com

IES TM-30-2015 Test Report

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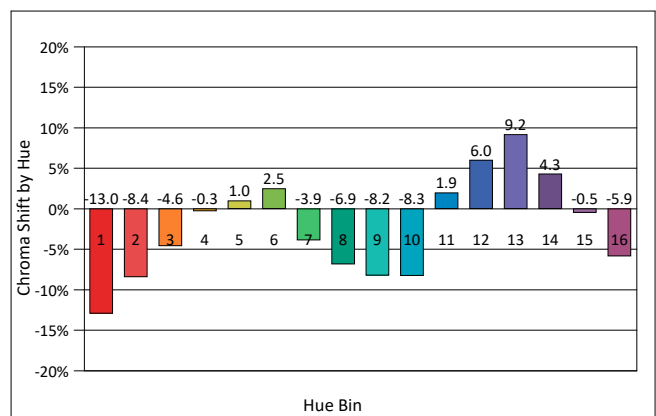
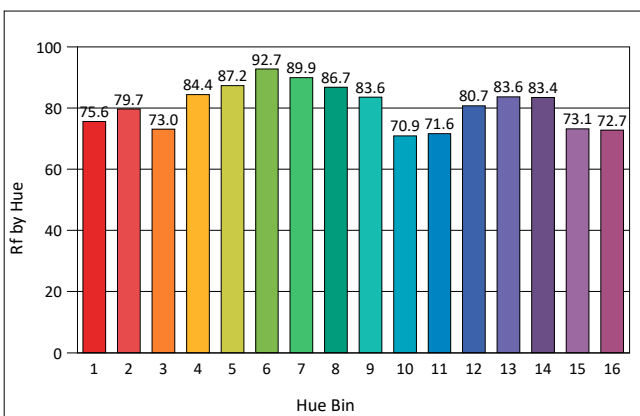
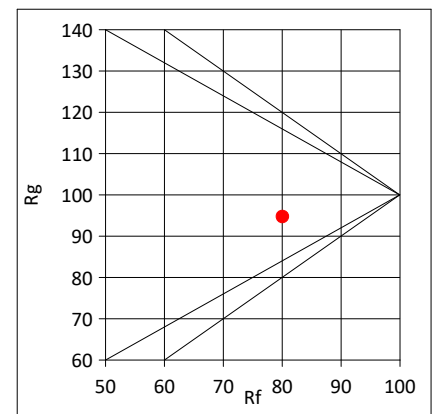
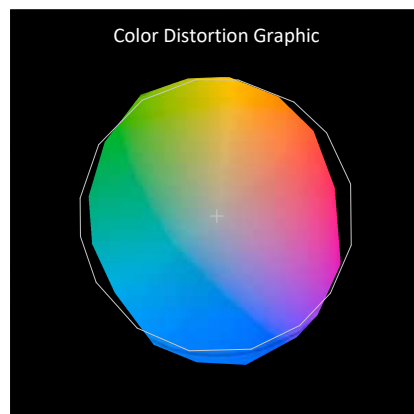
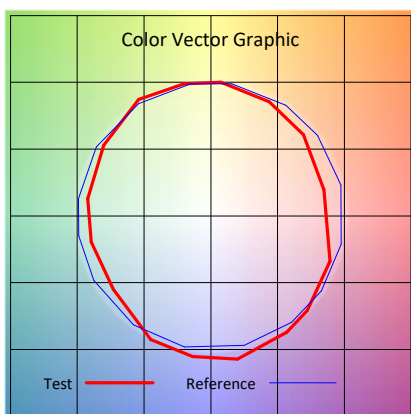
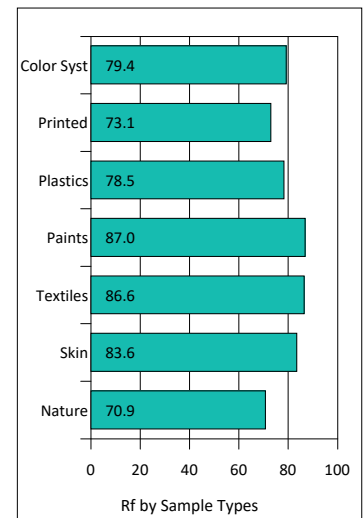
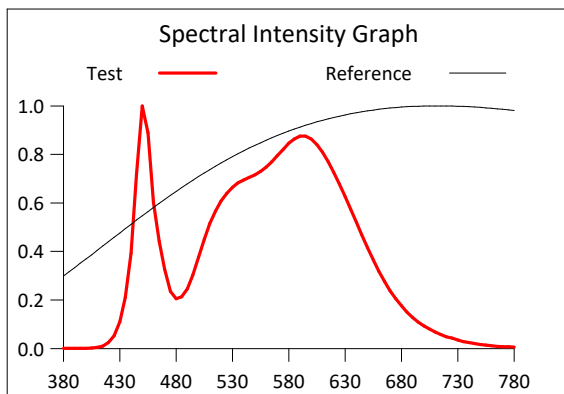
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Rf: 80.1 CCT(K): 4069 u': 0.2221
 Rg: 94.7 LER: 340.5 Duv: 0.0030 v': 0.3360

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	75.6	-13.0%	-1.1%
2	79.7	-8.4%	6.1%
3	73.0	-4.6%	12.0%
4	84.4	-0.3%	8.2%
5	87.2	1.0%	4.8%
6	92.7	2.5%	-1.7%
7	89.9	-3.9%	-3.9%
8	86.7	-6.9%	-1.4%
9	83.6	-8.2%	6.1%
10	70.9	-8.3%	13.8%
11	71.6	1.9%	17.0%
12	80.7	6.0%	7.6%
13	83.6	9.2%	-6.9%
14	83.4	4.3%	-7.1%
15	73.1	-0.5%	-17.9%
16	72.7	-5.9%	-14.3%



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