

# LED Test Report

## Product Mark

Product Type : OR30s-F52-238DY2-Ca9

Manufacturer : -

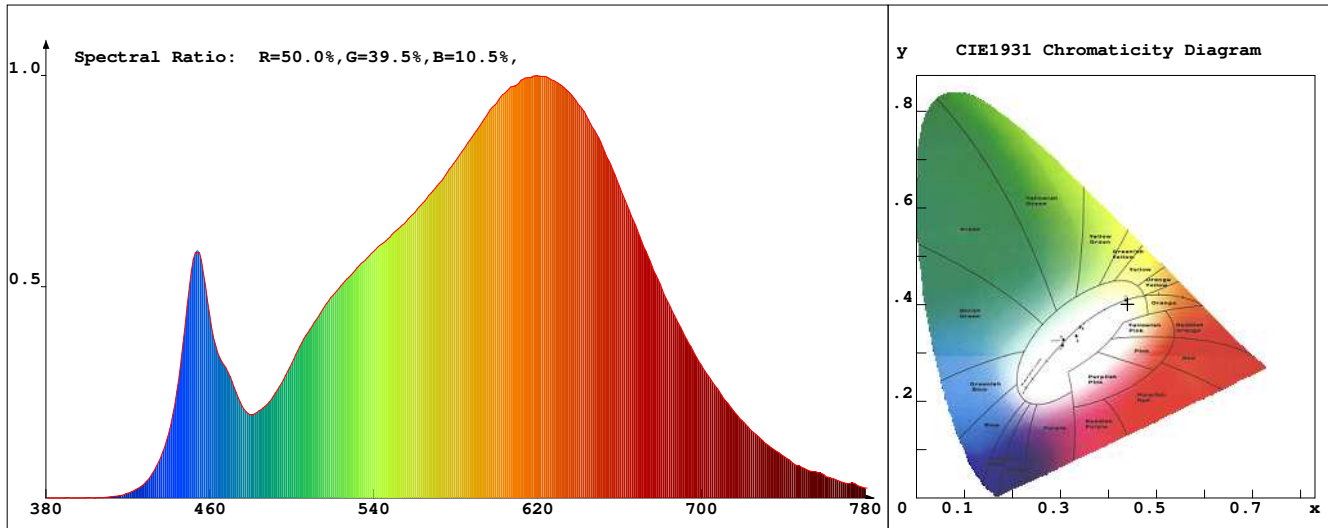
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark:



## Chroma Parameters

Chro.Coord.:x=0.4397 y=0.4013 u=0.2536 v=0.3471 duv=-0.0015

CCT: 2931K Dominant Wave.:583.6nm Purity:52.5% Centre Wave:601.1nm

Flux RGB Ratio:R=23.7%,G=74.5%,B=1.7% Peak Wave:621.6nm Half Width:156.0nm

## Rendering Index:Ra= 91.2 CRI= 88.5

R1 =91 R2 =95 R3 =97 R4 =91 R5 =91 R6 =94 R7 =91 R8 =79

R9 =54 R10=88 R11=91 R12=78 R13=92 R14=98 R15=88

PPF:28.986umol/s (400-700nm)

PRF:5.9mW (400-700nm)

PAR:5.2mW (400-700nm)

## Photo Parameters

Flux:1973.22lm Effi.:113.9lm/W Radiant:6272.3mW Iv:0.0mcd

Scotopic Flux:2706.9Plm Effi.:0.0Plm/W S/P:1.4

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:31104.199umol/s (380-780nm)

## Ele. Parameters

Forward Current:If=725.0mA

Reverse Voltage:Vr=5.00V

Forward Voltage:Vf=23.90V

Reverse Current:Ir=0.00uA

Power:P=17.351W

## Instrument state

Instrument:Lisun LMS-8000

Integral Time: 82.223ms

VPeak: 13528

VDark: 1205

Scan Range: 380-780nm

Product ID: 201508924

[www.orizzonteled.com](http://www.orizzonteled.com)

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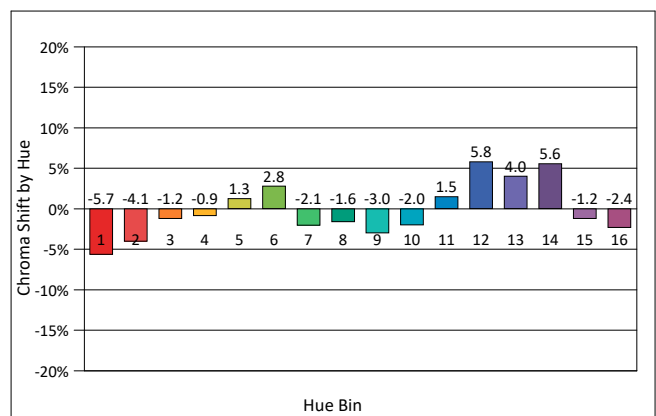
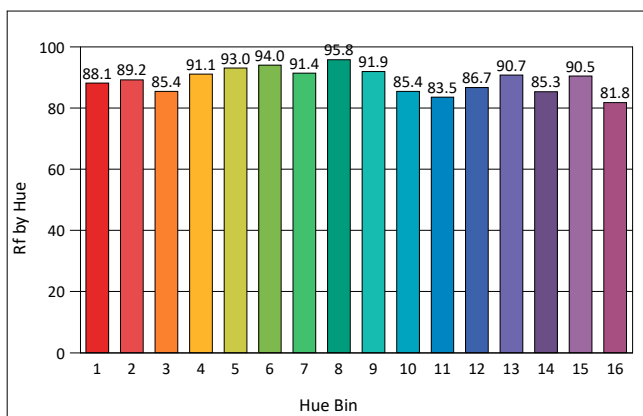
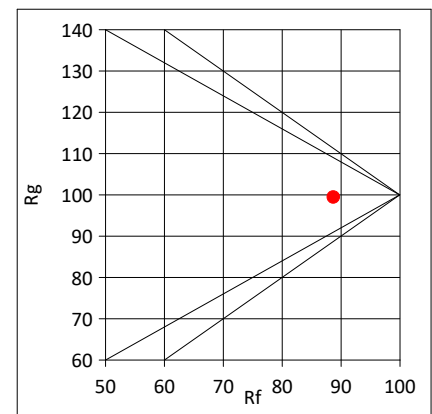
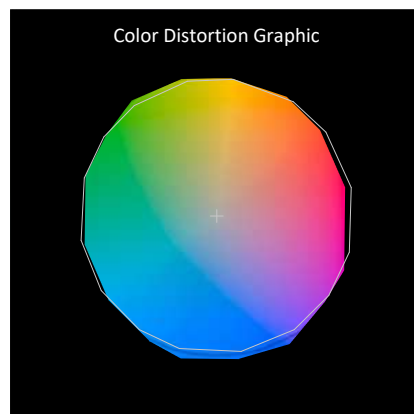
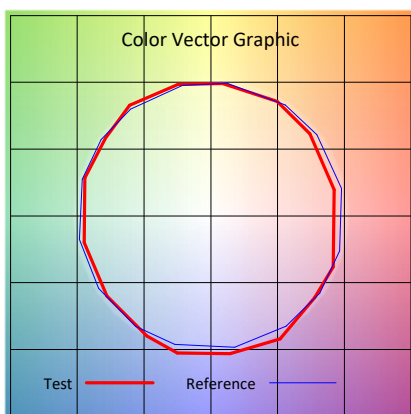
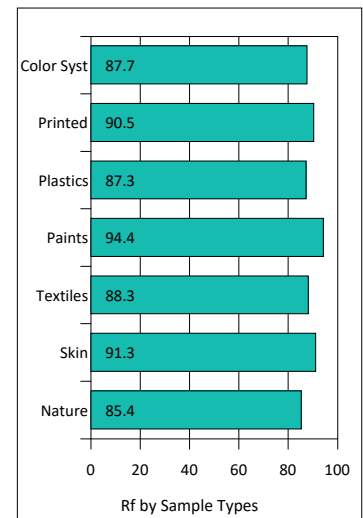
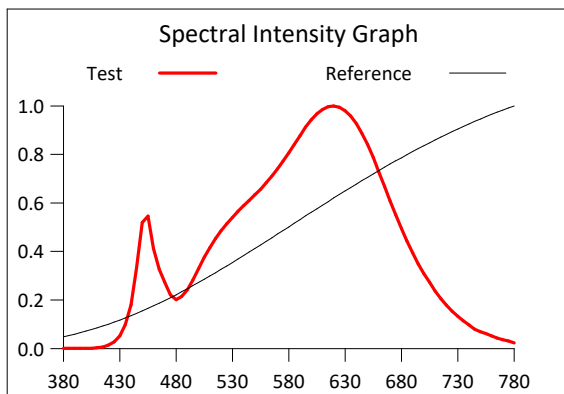
Manufacturer : -

Humidity : -%

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Rf: 88.7 CCT(K): 2931 u': 0.2536  
Rg: 99.4 LER: 292.1 Duv: -0.0015 v': 0.3471

| Hue Bin | Rf   | Graphic Shifts (%) |        |
|---------|------|--------------------|--------|
|         |      | Chroma             | Hue    |
| 1       | 88.1 | -5.7%              | 0.0%   |
| 2       | 89.2 | -4.1%              | 3.6%   |
| 3       | 85.4 | -1.2%              | 6.6%   |
| 4       | 91.1 | -0.9%              | 3.1%   |
| 5       | 93.0 | 1.3%               | 3.1%   |
| 6       | 94.0 | 2.8%               | -0.9%  |
| 7       | 91.4 | -2.1%              | -2.7%  |
| 8       | 95.8 | -1.6%              | -1.2%  |
| 9       | 91.9 | -3.0%              | 3.1%   |
| 10      | 85.4 | -2.0%              | 8.1%   |
| 11      | 83.5 | 1.5%               | 10.9%  |
| 12      | 86.7 | 5.8%               | 3.0%   |
| 13      | 90.7 | 4.0%               | -4.2%  |
| 14      | 85.3 | 5.6%               | -9.0%  |
| 15      | 90.5 | -1.2%              | -4.9%  |
| 16      | 81.8 | -2.4%              | -12.7% |



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