

# LED Test Report

## Product Mark

Product Type : OR40s-F52-1608N2-F

Manufacturer : -

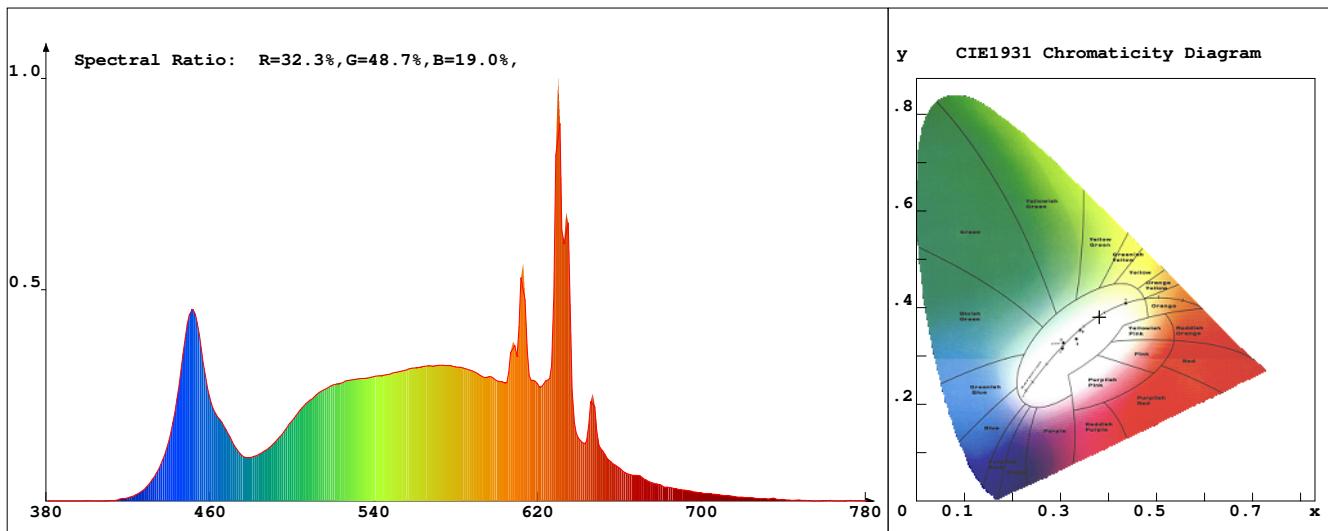
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-02-12

Remark :



## Chroma Parameters

Chro.Coord.:  $x=0.3813$   $y=0.3803$   $u=0.2243$   $v=0.3355$   $duv=0.0014$ 

CCT: 4003K Dominant Wave.: 578.3nm Purity: 28.6% Centre Wave: 631.0nm

Flux RGB Ratio:  $R=19.6\%$ ,  $G=78.0\%$ ,  $B=2.4\%$  Peak Wave: 629.2nm Half Width: 8.0nm

## Rendering Index: $R_a=91.8$ CRI= 88.3

|          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|
| $R_1=93$ | $R_2=93$ | $R_3=92$ | $R_4=94$ | $R_5=92$ | $R_6=90$ | $R_7=94$ | $R_8=87$ |
|----------|----------|----------|----------|----------|----------|----------|----------|

|          |             |             |             |             |             |             |
|----------|-------------|-------------|-------------|-------------|-------------|-------------|
| $R_9=62$ | $R_{10}=82$ | $R_{11}=93$ | $R_{12}=67$ | $R_{13}=93$ | $R_{14}=95$ | $R_{15}=90$ |
|----------|-------------|-------------|-------------|-------------|-------------|-------------|

PPF: 27.568  $\mu\text{mol/s}$  (400–700nm)

PRF: 5.9mW (400–700nm)

PAR: 5.1mW (400–700nm)

## Photo Parameters

Flux: 2157.31lm Effi.: 164.0lm/W Radiant: 5960.2mW Iv: 0.0mcd

Scotopic Flux: 3769.5Plm Effi.: 0.0Plm/W S/P: 1.7

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 27817.900  $\mu\text{mol/s}$  (380–780nm)

## Ele. Parameters

Forward Current:  $I_f=548.0\text{mA}$ Reverse Voltage:  $V_r=5.00\text{V}$ Forward Voltage:  $V_f=24.00\text{V}$ Reverse Current:  $I_r=0.00\mu\text{A}$ Power:  $P=13.161\text{W}$ 

## Instrument state

Instrument: Lisun LMS-8000

Integral Time: 26.581ms

VPeak: 15064

VDark: 1193

Scan Range: 380–780nm

Product ID: 201508924

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# IES TM-30-2015 Test Report

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Operator : -

Remark :

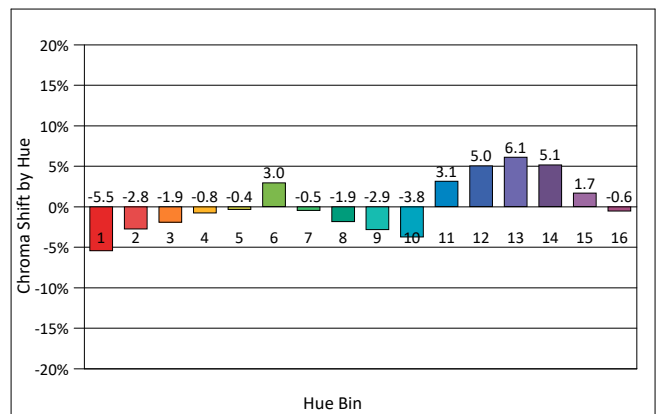
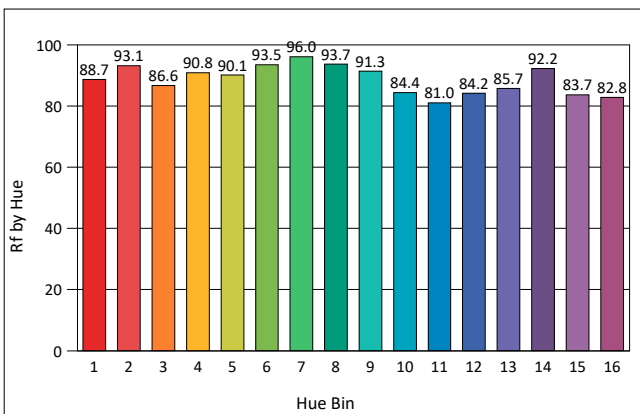
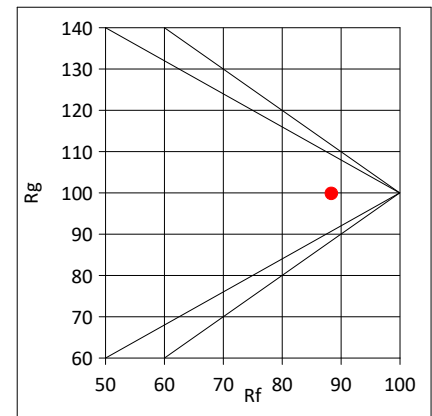
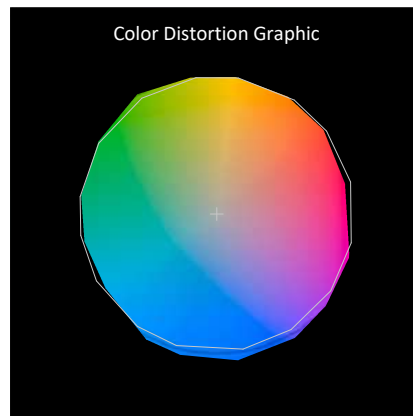
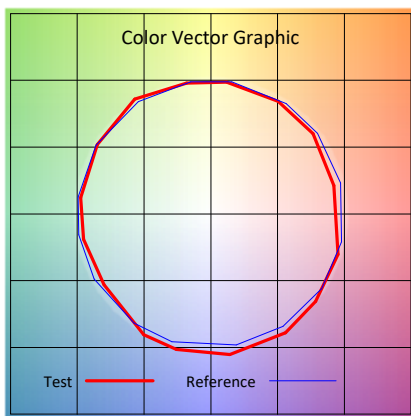
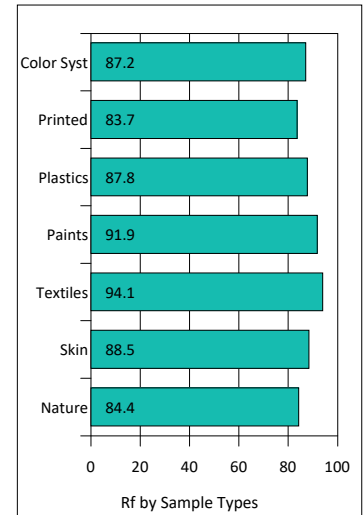
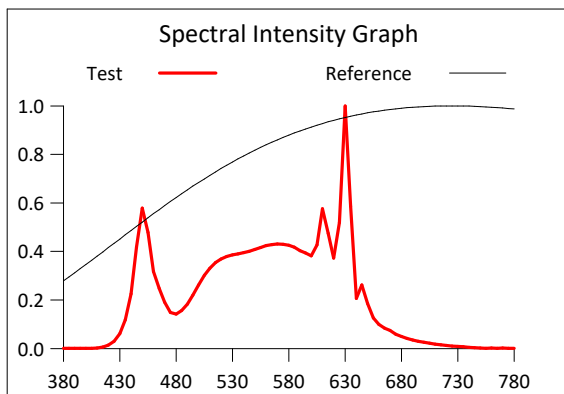
Manufacturer : -

Humidity : -%

Test Date : 2025-02-12

Rf: 88.4      CCT(K): 4003      u': 0.2243  
Rg: 99.8      LER: 339.4      Duv: 0.0014      v': 0.3355

| Hue Bin | Rf   | Graphic Shifts (%) |        |
|---------|------|--------------------|--------|
|         |      | Chroma             | Hue    |
| 1       | 88.7 | -5.5%              | -0.9%  |
| 2       | 93.1 | -2.8%              | 1.6%   |
| 3       | 86.6 | -1.9%              | 5.7%   |
| 4       | 90.8 | -0.8%              | 3.7%   |
| 5       | 90.1 | -0.4%              | 3.2%   |
| 6       | 93.5 | 3.0%               | 1.1%   |
| 7       | 96.0 | -0.5%              | -0.8%  |
| 8       | 93.7 | -1.9%              | 0.1%   |
| 9       | 91.3 | -2.9%              | 4.1%   |
| 10      | 84.4 | -3.8%              | 7.8%   |
| 11      | 81.0 | 3.1%               | 10.7%  |
| 12      | 84.2 | 5.0%               | 4.5%   |
| 13      | 85.7 | 6.1%               | -6.1%  |
| 14      | 92.2 | 5.1%               | -1.1%  |
| 15      | 83.7 | 1.7%               | -10.6% |
| 16      | 82.8 | -0.6%              | -9.7%  |



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