

# LED Test Report

## Product Mark

Product Type : ORCCT-F52-5760R2 WC

Manufacturer : -

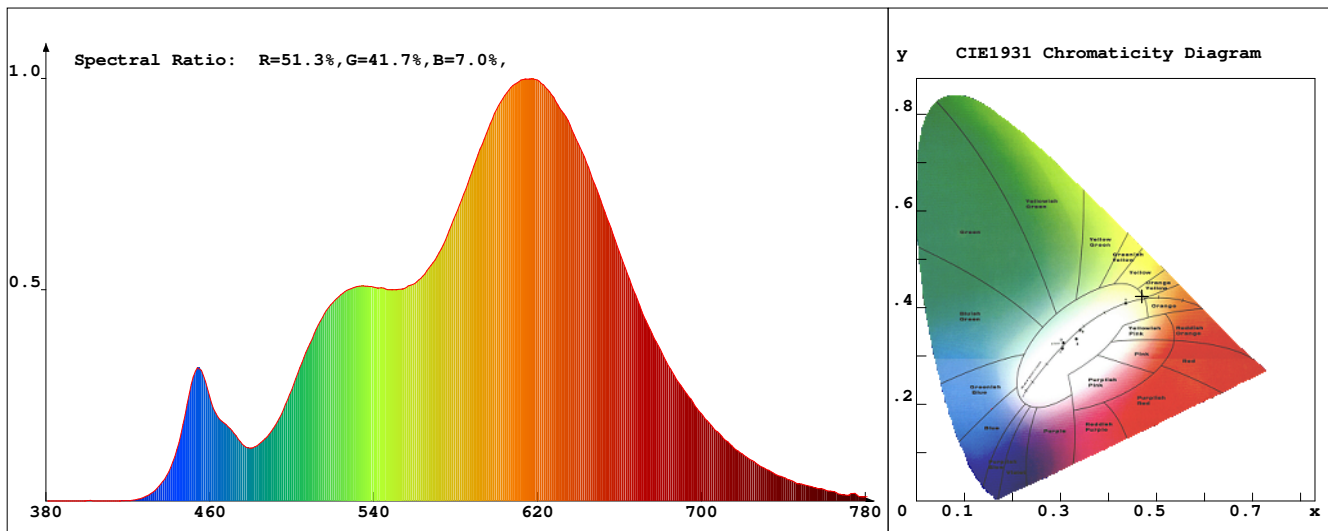
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-02-12

Remark :



## Chroma Parameters

Chro.Coord.:  $x=0.4699$   $y=0.4233$   $u=0.2633$   $v=0.3557$   $duv=0.0038$ 

CCT: 2661K Dominant Wave.: 583.3nm Purity: 68.1% Centre Wave: 609.7nm

Flux RGB Ratio:  $R=26.0\%$ ,  $G=72.9\%$ ,  $B=1.2\%$  Peak Wave: 617.5nm Half Width: 111.9nm

## Rendering Index: $R_a=91.1$ CRI= 88.3

 $R_1=91$   $R_2=94$   $R_3=98$   $R_4=97$   $R_5=95$   $R_6=95$   $R_7=87$   $R_8=72$  $R_9=40$   $R_{10}=89$   $R_{11}=97$   $R_{12}=81$   $R_{13}=92$   $R_{14}=97$   $R_{15}=82$ PPF: 9.336  $\mu\text{mol/s}$  (400–700nm)

PRF: 1.9mW (400–700nm)

PAR: 1.7mW (400–700nm)

## Photo Parameters

Flux: 639.40lm Effi.: 61.8lm/W Radiant: 1973.2mW Iv: 0.0mcd

Scotopic Flux: 801.1Plm Effi.: 0.0Plm/W S/P: 1.3

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 9811.110  $\mu\text{mol/s}$  (380–780nm)

## Ele. Parameters

Forward Current:  $I_f=434.0\text{mA}$ Reverse Voltage:  $V_r=5.00\text{V}$ Forward Voltage:  $V_f=23.86\text{V}$ Reverse Current:  $I_r=0.00\mu\text{A}$ Power:  $P=10.351\text{W}$ 

## Instrument state

Instrument: Lisun LMS-8000

Integral Time: 250.451ms

VPeak: 14872

VDark: 1417

Scan Range: 380–780nm

Product ID: 201508924

# IES TM-30-2015 Test Report

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Temperature : 'C

Operator : -

Remark :

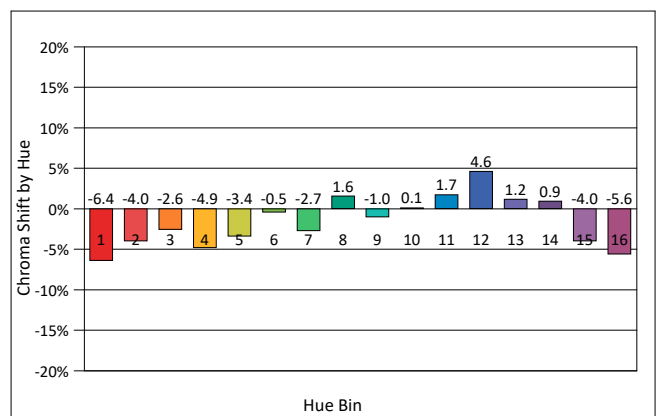
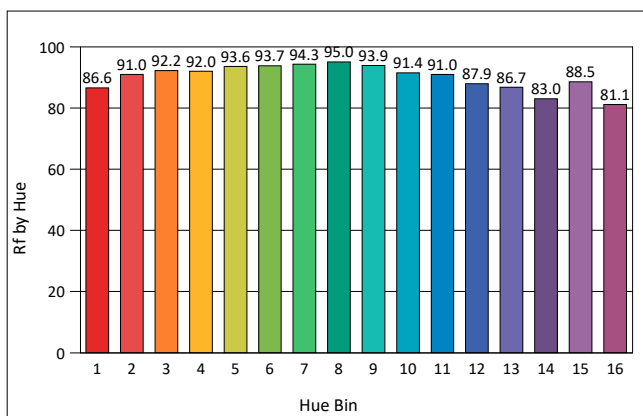
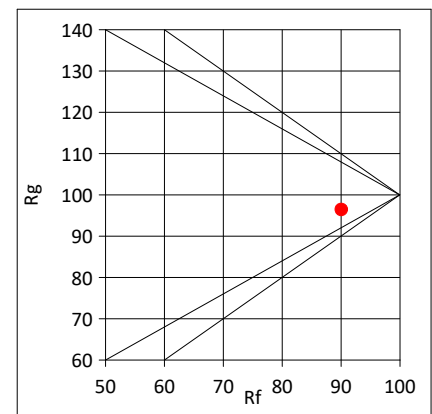
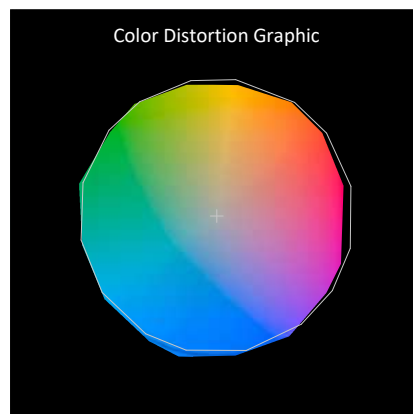
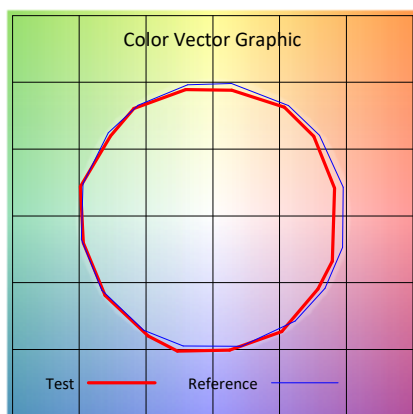
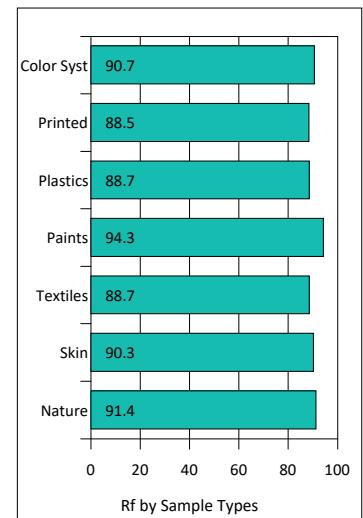
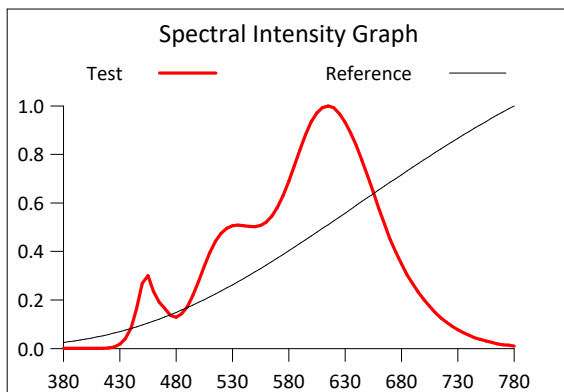
Manufacturer : -

Humidity : -%

Test Date : 2025-02-12

Rf: 90.1 CCT(K): 2661 u': 0.2633  
 Rg: 96.4 LER: 312.0 Duv: 0.0038 v': 0.3557

| Hue Bin | Rf   | Graphic Shifts (%) |        |
|---------|------|--------------------|--------|
|         |      | Chroma             | Hue    |
| 1       | 86.6 | -6.4%              | 0.5%   |
| 2       | 91.0 | -4.0%              | 1.7%   |
| 3       | 92.2 | -2.6%              | 1.9%   |
| 4       | 92.0 | -4.9%              | -1.4%  |
| 5       | 93.6 | -3.4%              | 2.3%   |
| 6       | 93.7 | -0.5%              | 3.8%   |
| 7       | 94.3 | -2.7%              | 1.0%   |
| 8       | 95.0 | 1.6%               | 2.4%   |
| 9       | 93.9 | -1.0%              | 3.0%   |
| 10      | 91.4 | 0.1%               | 4.6%   |
| 11      | 91.0 | 1.7%               | 5.2%   |
| 12      | 87.9 | 4.6%               | -3.3%  |
| 13      | 86.7 | 1.2%               | -9.2%  |
| 14      | 83.0 | 0.9%               | -12.7% |
| 15      | 88.5 | -4.0%              | -3.3%  |
| 16      | 81.1 | -5.6%              | -11.5% |



# IES TM-30-2015 Test Report

## Product Mark

Product Type : ORCCT-F52-576OR2 WC

Manufacturer : -

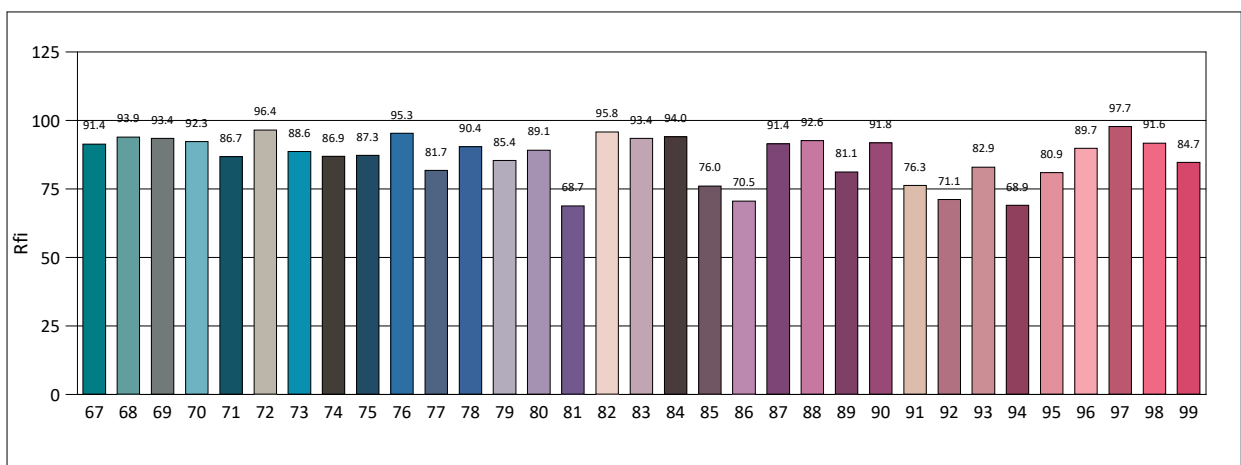
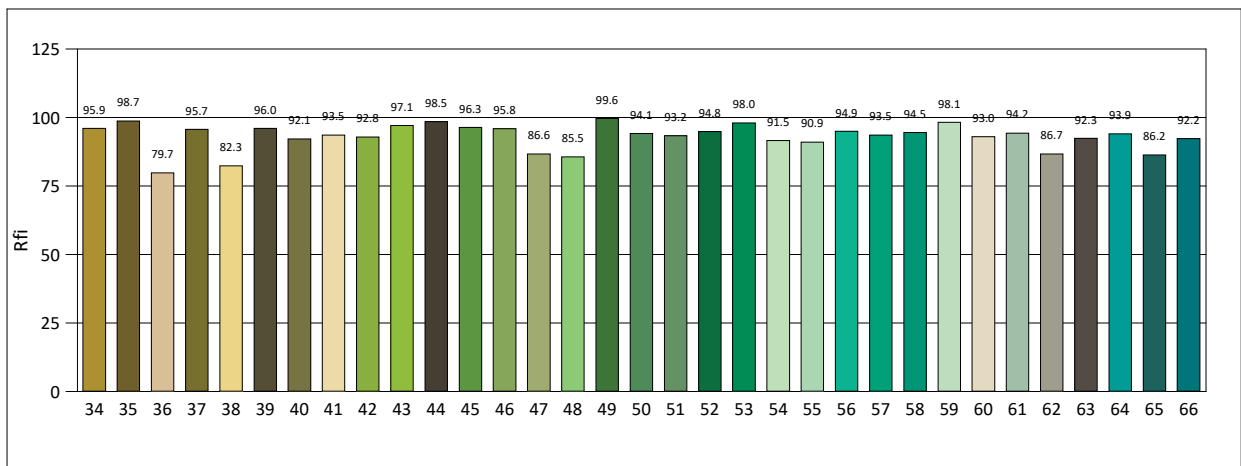
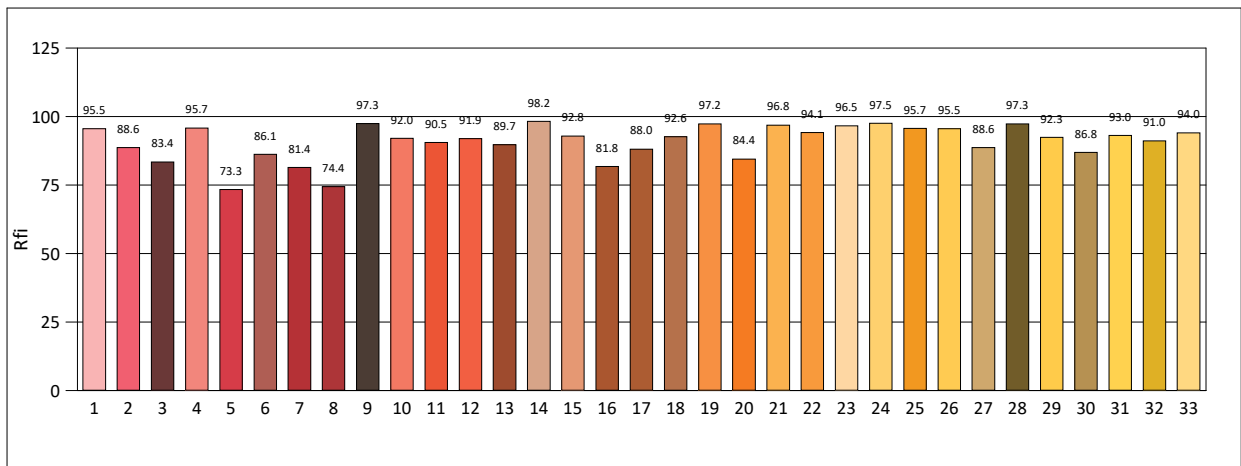
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-02-12

Remark :



# LED Test Report

## Product Mark

Product Type : ORCCT-F52-576OR2 WW

Manufacturer : -

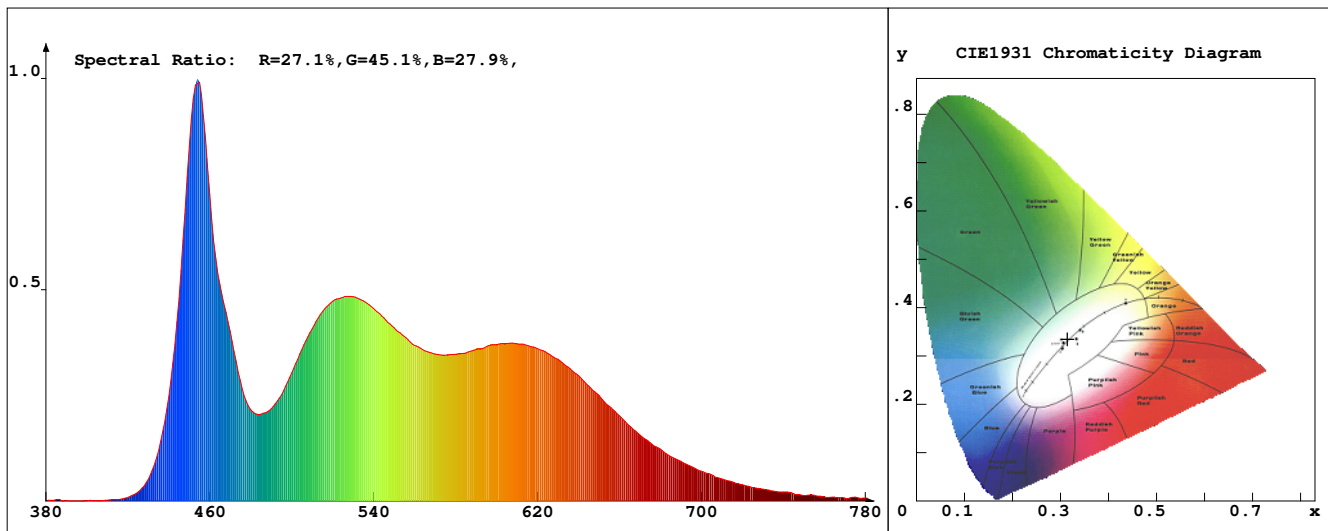
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-02-12

Remark :



## Chroma Parameters

Chro.Coord.:x=0.3141 y=0.3345 u=0.1967 v=0.3143 duv=0.0053

CCT: 6397K Dominant Wave.:492.5nm Purity:6.4% Centre Wave:454.3nm

Flux RGB Ratio:R=14.9%,G=81.0%,B=4.1% Peak Wave:453.0nm Half Width:20.1nm

## Rendering Index:Ra= 94.0 CRI= 90.4

R1 =96 R2 =95 R3 =91 R4 =95 R5 =94 R6 =92 R7 =98 R8 =92

R9 =71 R10=86 R11=92 R12=62 R13=97 R14=95 R15=94

PPF:10.634umol/s (400-700nm)

PRF:2.3mW (400-700nm)

PAR:2.0mW (400-700nm)

## Photo Parameters

Flux:744.62lm Effi.:72.1lm/W Radiant:2391.1mW Iv:0.0mcd

Scotopic Flux:1738.8Plm Effi.:0.0Plm/W S/P:2.3

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:10945.700umol/s (380-780nm)

## Ele. Parameters

Forward Current:If=433.0mA

Reverse Voltage:Vr=5.00V

Forward Voltage:Vf=23.86V

Reverse Current:Ir=0.00uA

Power:P=10.351W

## Instrument state

Instrument:Lisun LMS-8000

Integral Time: 125.225ms

VPeak: 15176

VDark: 1395

Scan Range: 380-780nm

Product ID: 201508924

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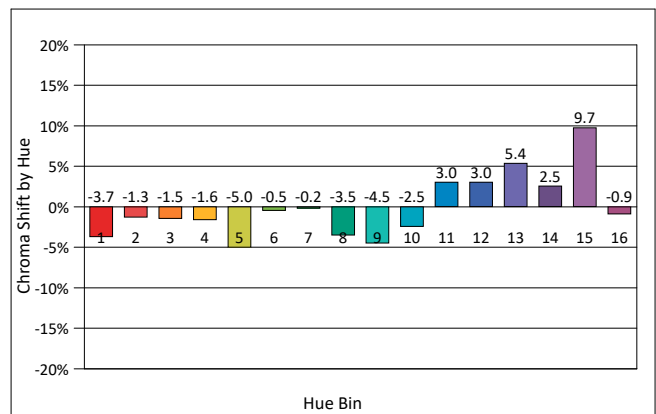
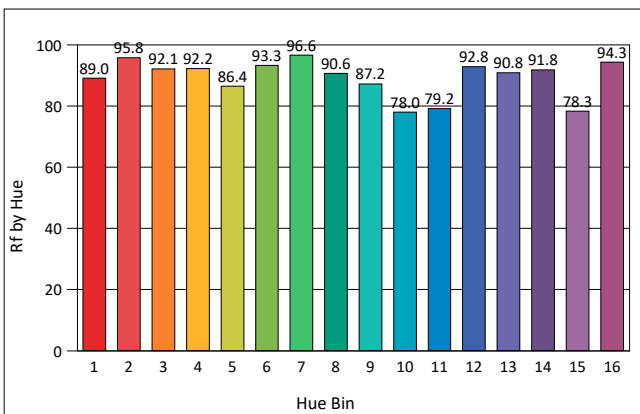
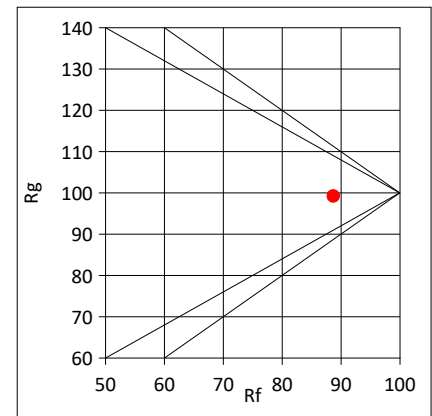
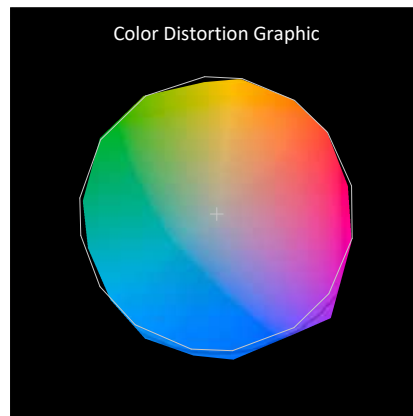
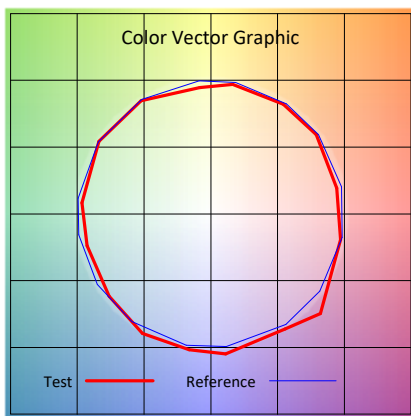
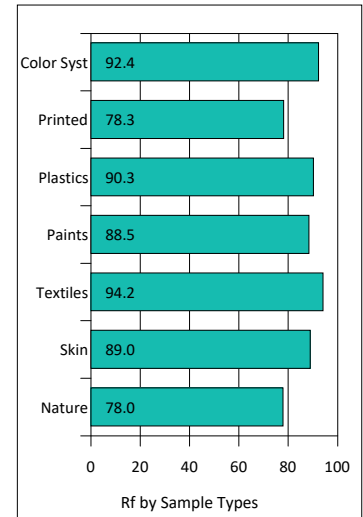
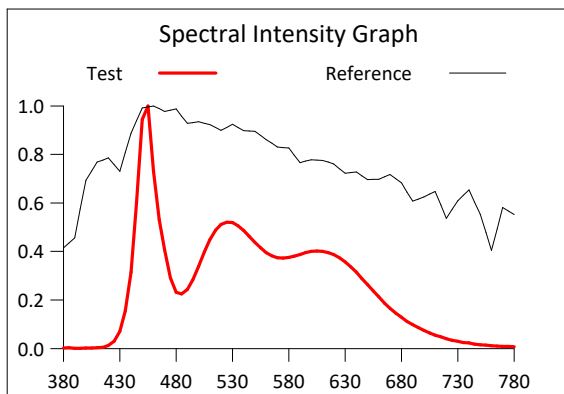
Manufacturer : -

Humidity : -%

Test Date : 2025-02-12

Rf: 88.7 CCT(K): 6397 u': 0.1967  
 Rg: 99.2 LER: 295.5 Duv: 0.0053 v': 0.3143

| Hue Bin | Rf   | Graphic Shifts (%) |        |
|---------|------|--------------------|--------|
|         |      | Chroma             | Hue    |
| 1       | 89.0 | -3.7%              | -0.3%  |
| 2       | 95.8 | -1.3%              | 1.0%   |
| 3       | 92.1 | -1.5%              | 1.8%   |
| 4       | 92.2 | -1.6%              | 1.9%   |
| 5       | 86.4 | -5.0%              | 0.5%   |
| 6       | 93.3 | -0.5%              | 1.0%   |
| 7       | 96.6 | -0.2%              | -0.5%  |
| 8       | 90.6 | -3.5%              | 2.7%   |
| 9       | 87.2 | -4.5%              | 9.2%   |
| 10      | 78.0 | -2.5%              | 12.2%  |
| 11      | 79.2 | 3.0%               | 11.5%  |
| 12      | 92.8 | 3.0%               | 3.0%   |
| 13      | 90.8 | 5.4%               | -1.6%  |
| 14      | 91.8 | 2.5%               | -2.2%  |
| 15      | 78.3 | 9.7%               | -13.7% |
| 16      | 94.3 | -0.9%              | -1.9%  |



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