

# LED Test Report

## Product Mark

Product Type : OR300-F52-4800R2-S1

Manufacturer : -

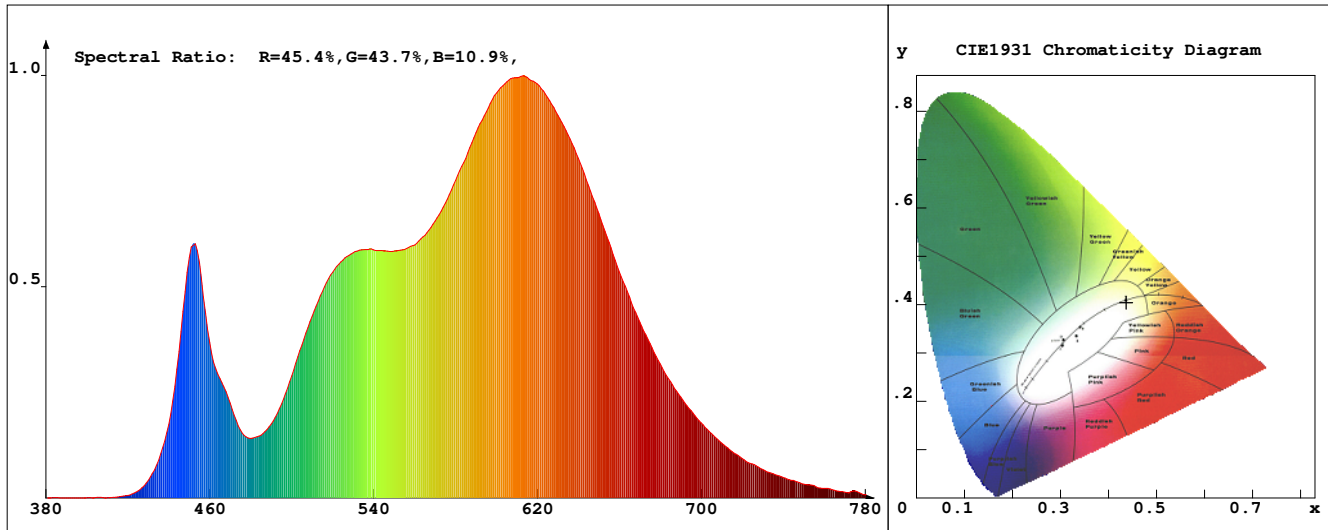
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark:



## Chroma Parameters

Chro.Coord.:x=0.4370 y=0.4042 u=0.2506 v=0.3476 duv=0.0000

CCT: 3000K Dominant Wave.:582.8nm Purity:52.5% Centre Wave:588.3nm

Flux RGB Ratio:R=23.4%,G=75.1%,B=1.5% Peak Wave:612.6nm Half Width:146.5nm

## Rendering Index:Ra= 90.2 CRI= 87.1

R1 =91 R2 =94 R3 =97 R4 =93 R5 =91 R6 =94 R7 =89 R8 =73

R9 =37 R10=86 R11=94 R12=76 R13=92 R14=97 R15=84

PPF:14.722umol/s (400-700nm)

PRF:3.0mW (400-700nm)

PAR:2.7mW (400-700nm)

## Photo Parameters

Flux:1039.59lm Effi.:105.0lm/W Radiant:3138.0mW Iv:0.0mcd

Scotopic Flux:1432.9Plm Effi.:0.0Plm/W S/P:1.4

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:15329.400umol/s (380-780nm)

## Ele. Parameters

Forward Current:If=413.0mA

Reverse Voltage:Vr=5.00V

Forward Voltage:Vf=23.97V

Reverse Current:Ir=0.00uA

Power:P=9.921W

## Instrument state

Instrument:Lisun LMS-8000

Integral Time: 160.521ms

VPeak: 13688

VDark: 1411

Scan Range: 380-780nm

Product ID: 201508924

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# IES TM-30-2015 Test Report

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Operator : -

Remark :

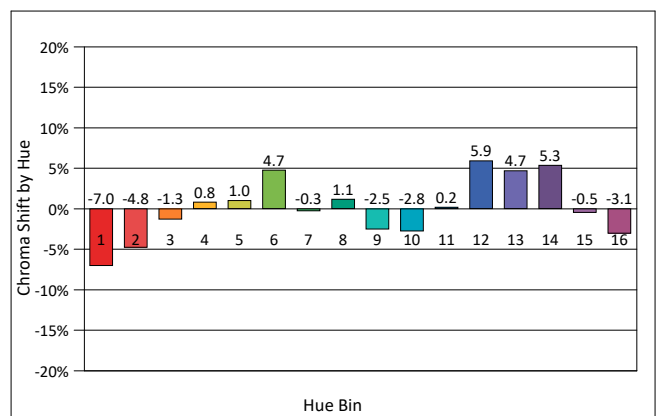
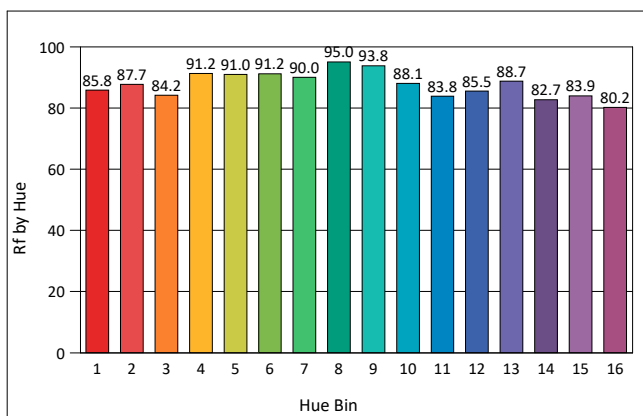
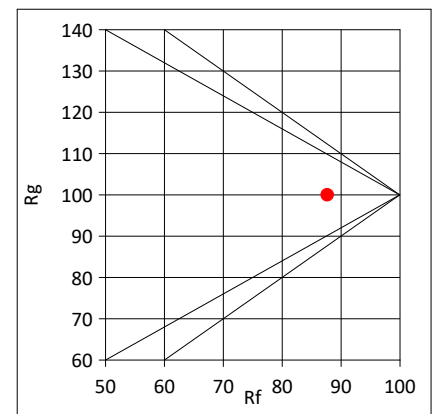
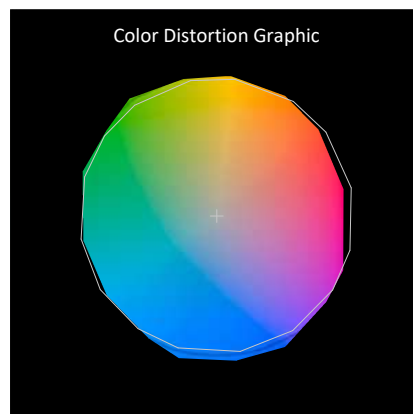
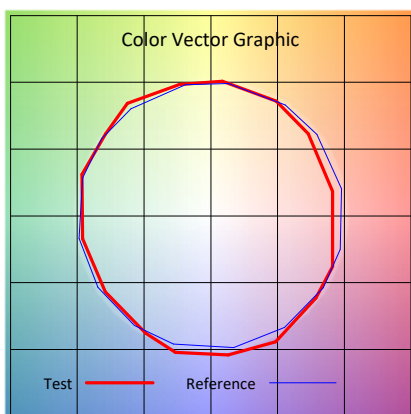
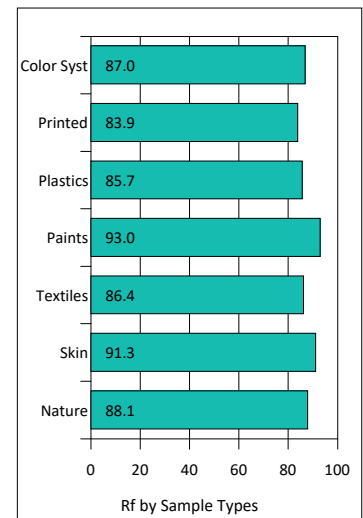
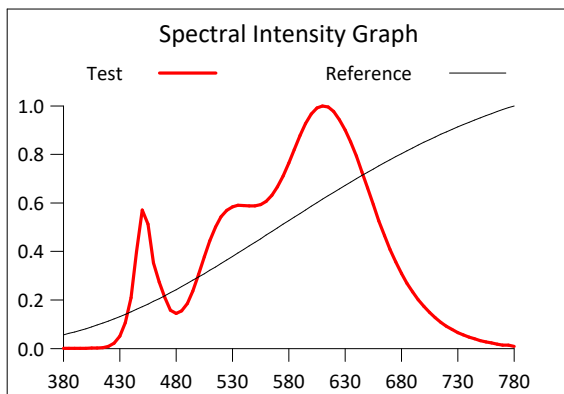
Manufacturer : -

Humidity : -%

Test Date : 2025-03-20

Rf: 87.7 CCT(K): 3000 u': 0.2506  
 Rg: 100.0 LER: 319.2 Duv: 0.0000 v': 0.3476

| Hue Bin | Rf   | Graphic Shifts (%) |        |
|---------|------|--------------------|--------|
|         |      | Chroma             | Hue    |
| 1       | 85.8 | -7.0%              | -0.8%  |
| 2       | 87.7 | -4.8%              | 4.0%   |
| 3       | 84.2 | -1.3%              | 7.2%   |
| 4       | 91.2 | 0.8%               | 4.6%   |
| 5       | 91.0 | 1.0%               | 4.1%   |
| 6       | 91.2 | 4.7%               | 0.1%   |
| 7       | 90.0 | -0.3%              | -4.4%  |
| 8       | 95.0 | 1.1%               | -2.5%  |
| 9       | 93.8 | -2.5%              | 0.7%   |
| 10      | 88.1 | -2.8%              | 5.8%   |
| 11      | 83.8 | 0.2%               | 10.3%  |
| 12      | 85.5 | 5.9%               | 2.6%   |
| 13      | 88.7 | 4.7%               | -5.1%  |
| 14      | 82.7 | 5.3%               | -11.4% |
| 15      | 83.9 | -0.5%              | -9.4%  |
| 16      | 80.2 | -3.1%              | -13.8% |



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Operator : -

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Remark :

