

# LED Test Report

## Product Mark

Product Type : F52-27S-060822

Manufacturer :

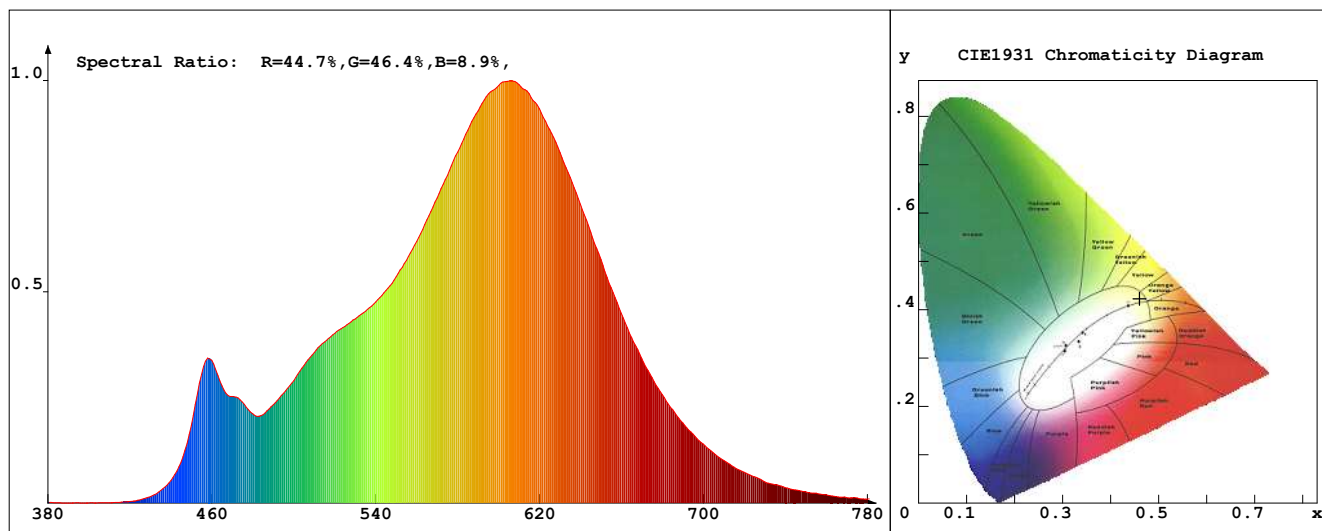
Temperature : CRI'C

Humidity : %

Operator :

Test Date : 01-03-22 15:31:57

Remark:



## Chroma Parameters

Chro.Coord.:  $x=0.4605$   $y=0.4227$   $u=0.2576$   $v=0.3546$   $duv=0.0043$ 

CCT: 2783K Dominant Wave.: 582.5nm Purity: 65.1% Centre Wave: 599.1nm

Flux RGB Ratio:  $R=23.1\%$ ,  $G=75.3\%$ ,  $B=1.6\%$  Peak Wave: 604.8nm Half Width: 110.9nm

## Rendering Index: $R_a=80.7$ CRI= 78.2

|          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|
| $R_1=79$ | $R_2=91$ | $R_3=94$ | $R_4=77$ | $R_5=80$ | $R_6=92$ | $R_7=80$ | $R_8=53$ |
|----------|----------|----------|----------|----------|----------|----------|----------|

|          |             |             |             |             |             |             |
|----------|-------------|-------------|-------------|-------------|-------------|-------------|
| $R_9=-2$ | $R_{10}=82$ | $R_{11}=77$ | $R_{12}=71$ | $R_{13}=82$ | $R_{14}=97$ | $R_{15}=69$ |
|----------|-------------|-------------|-------------|-------------|-------------|-------------|

PPF: 18.519  $\mu\text{mol/s}$  (400-700nm)

PRF: 3.8mW (400-700nm)

PAR: 3.4mW (400-700nm)

## Photo Parameters

Flux: 1402.90lm Effi.: 107.8lm/W Radiant: 3908.9mW Iv: 0.0mcd

Scotopic Flux: 1755.7Plm Effi.: 0.0Plm/W S/P: 1.3

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 19170.900  $\mu\text{mol/s}$  (380-780nm)

## Ele. Parameters

Voltage:  $U=24.61\text{V}$ Current:  $I=0.5290\text{A}$ Power:  $P=13.020\text{W}$ Power Factor:  $PF=1.000$ 

## Instrument state

Instrument: Lisun

Integral Time: 111.798ms

VPeak: 15192

VDark: 1225

Scan Range: 380-780nm

Product ID: 201508924

# IES TM-30-2015 Test Report

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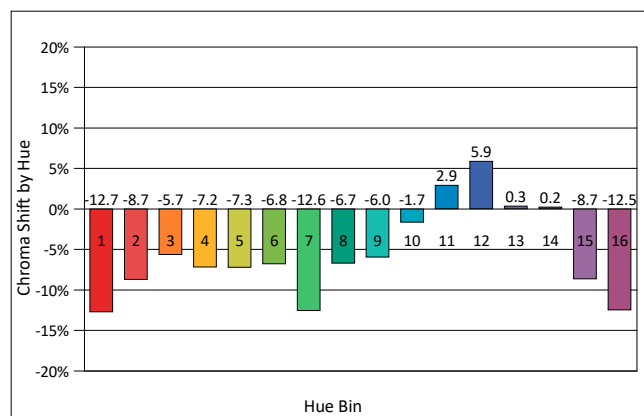
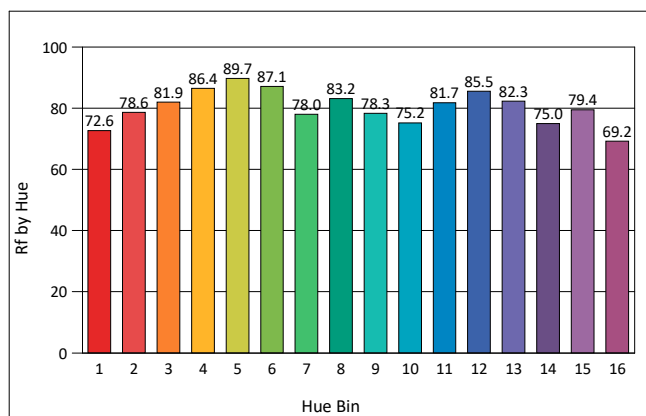
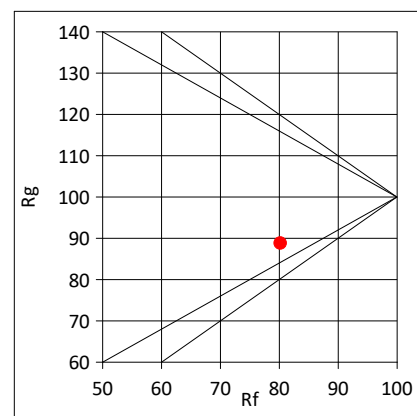
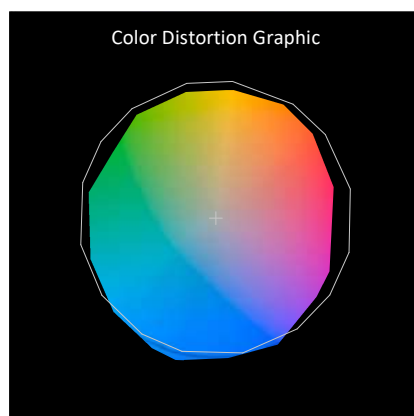
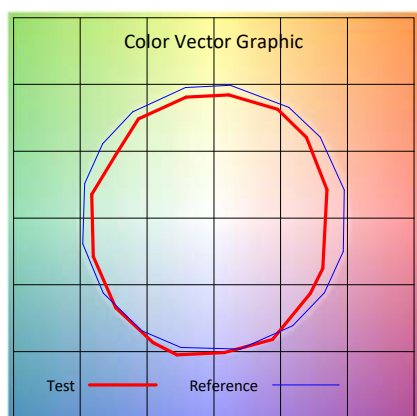
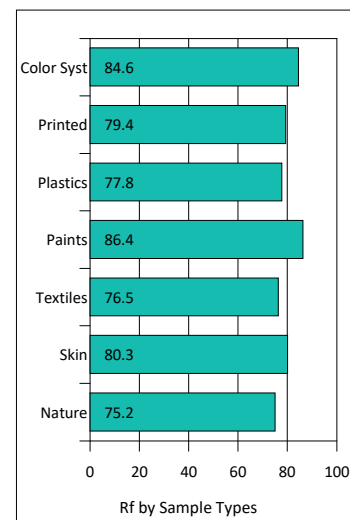
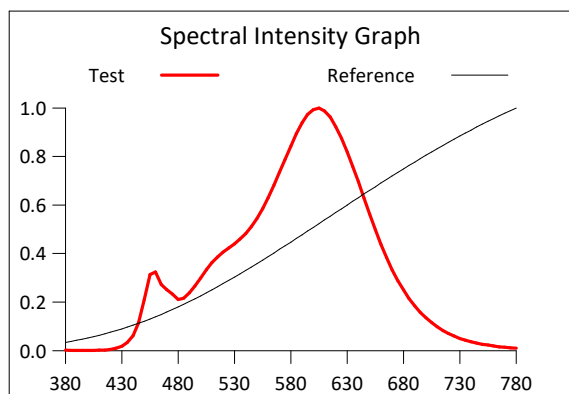
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Rf: 80.2 CCT(K): 2783 u': 0.2576  
 Rg: 88.8 LER: 338.8 Duv: 0.0043 v': 0.3546

| Hue Bin | Rf   | Graphic Shifts (%) |        |
|---------|------|--------------------|--------|
|         |      | Chroma             | Hue    |
| 1       | 72.6 | -12.7%             | 2.6%   |
| 2       | 78.6 | -8.7%              | 5.5%   |
| 3       | 81.9 | -5.7%              | 6.2%   |
| 4       | 86.4 | -7.2%              | -0.2%  |
| 5       | 89.7 | -7.3%              | 1.0%   |
| 6       | 87.1 | -6.8%              | -0.6%  |
| 7       | 78.0 | -12.6%             | 1.8%   |
| 8       | 83.2 | -6.7%              | 7.0%   |
| 9       | 78.3 | -6.0%              | 10.8%  |
| 10      | 75.2 | -1.7%              | 14.3%  |
| 11      | 81.7 | 2.9%               | 12.0%  |
| 12      | 85.5 | 5.9%               | -2.0%  |
| 13      | 82.3 | 0.3%               | -12.1% |
| 14      | 75.0 | 0.2%               | -18.4% |
| 15      | 79.4 | -8.7%              | -6.1%  |
| 16      | 69.2 | -12.5%             | -15.5% |



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