

# LED Test Report

## Product Mark

Product Type : F52-260-240DF2 17.3W

Manufacturer :

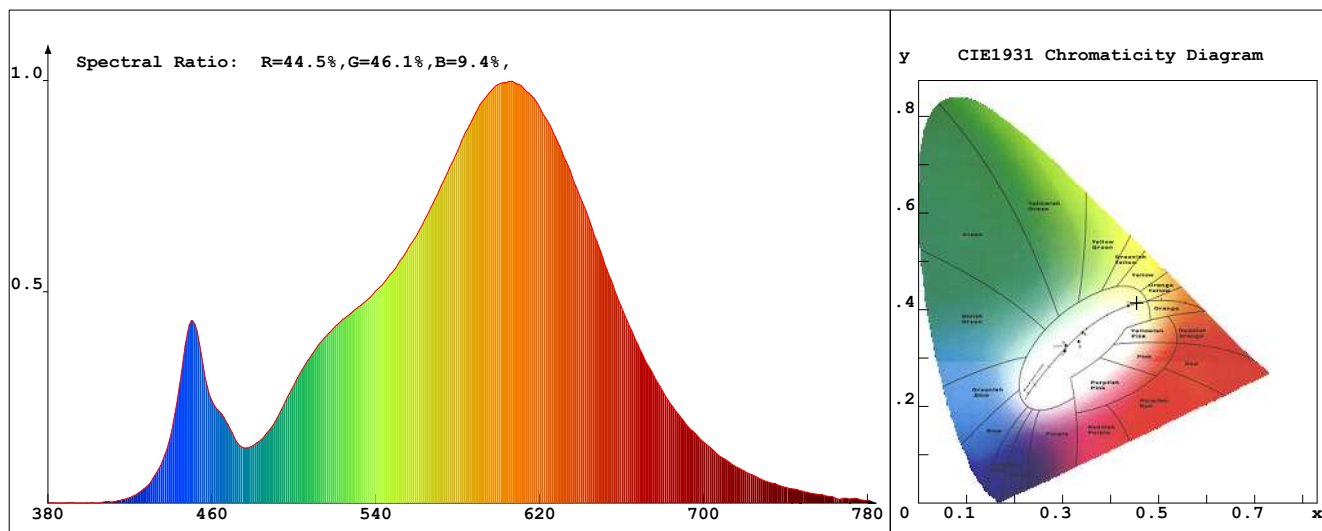
Temperature : 'C

Humidity : %

Operator :

Test Date : 01-07-21 15:03:50

Remark: BIN R27D LOTTO 426



## Chroma Parameters

Chro.Coord.:  $x=0.4543$   $y=0.4143$   $u=0.2573$   $v=0.3520$   $duv=0.0019$ 

CCT: 2809K Dominant Wave.: 583.1nm Purity: 60.7% Centre Wave: 597.8nm

Flux RGB Ratio:  $R=23.0\%$ ,  $G=75.7\%$ ,  $B=1.3\%$  Peak Wave: 604.8nm Half Width: 116.5nm

## Rendering Index: $R_a=81.1$ CRI= 78.3

|          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|
| $R_1=79$ | $R_2=89$ | $R_3=97$ | $R_4=80$ | $R_5=79$ | $R_6=88$ | $R_7=82$ | $R_8=55$ |
|----------|----------|----------|----------|----------|----------|----------|----------|

|          |             |             |             |             |             |             |
|----------|-------------|-------------|-------------|-------------|-------------|-------------|
| $R_9=-0$ | $R_{10}=77$ | $R_{11}=79$ | $R_{12}=70$ | $R_{13}=81$ | $R_{14}=99$ | $R_{15}=70$ |
|----------|-------------|-------------|-------------|-------------|-------------|-------------|

PPF: 27.505  $\mu\text{mol/s}$  (400-700nm)

PRF: 5.7mW (400-700nm)

PAR: 5.1mW (400-700nm)

## Photo Parameters

Flux: 2039.93lm Effi.: 117.8lm/W Radiant: 5817.5mW Iv: 0.0mcd

Scotopic Flux: 2515.6Plm Effi.: 0.0Plm/W S/P: 1.2

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 28468.699  $\mu\text{mol/s}$  (380-780nm)

## Ele. Parameters

Forward Current:  $I_f=720.0\text{mA}$ Reverse Voltage:  $V_r=5.00\text{V}$ Forward Voltage:  $V_f=24.05\text{V}$ Reverse Current:  $I_r=0.00\mu\text{A}$ Power:  $P=17.341\text{W}$ 

## Instrument state

Instrument: Lisun

Integral Time: 65.614ms

VPeak: 13480

VDark: 1433

Scan Range: 380-780nm

Product ID: 201508924

# IES TM-30-2015 Test Report

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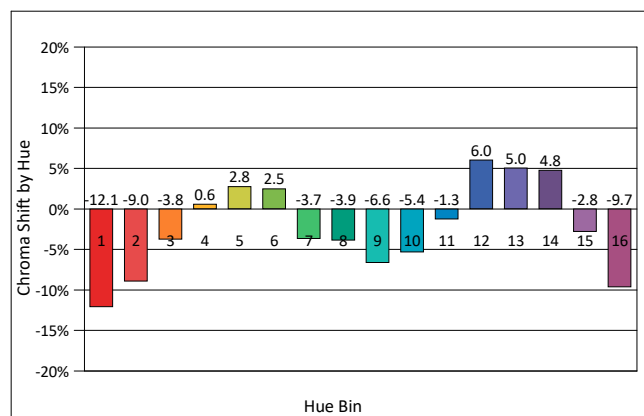
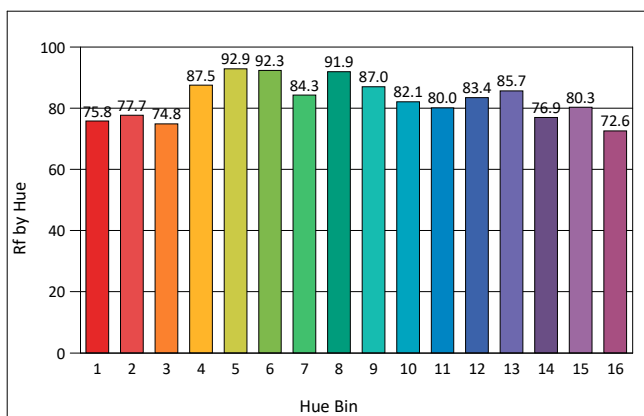
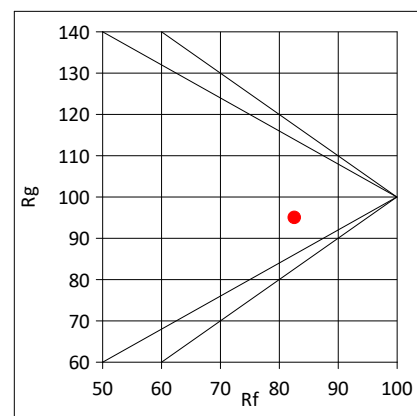
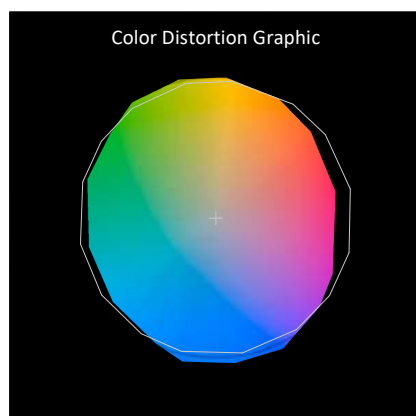
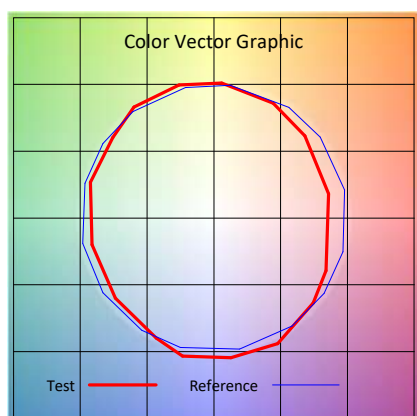
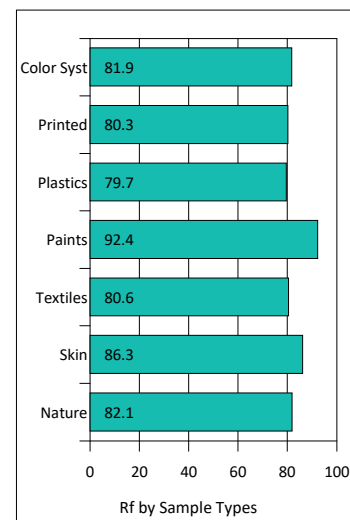
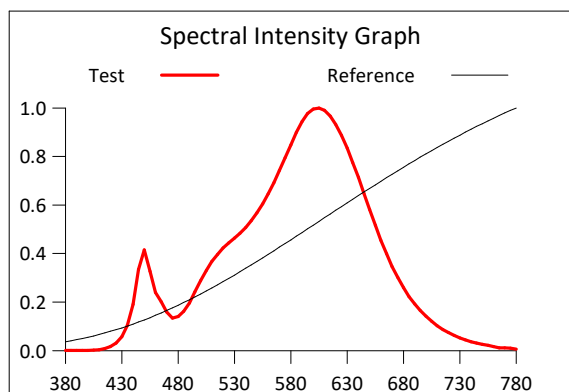
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Rf: 82.6 CCT(K): 2809 u': 0.2573  
 Rg: 95.0 LER: 335.9 Duv: 0.0019 v': 0.3520

| Hue Bin | Rf   | Graphic Shifts (%) |        |
|---------|------|--------------------|--------|
|         |      | Chroma             | Hue    |
| 1       | 75.8 | -12.1%             | -0.6%  |
| 2       | 77.7 | -9.0%              | 7.1%   |
| 3       | 74.8 | -3.8%              | 11.4%  |
| 4       | 87.5 | 0.6%               | 6.7%   |
| 5       | 92.9 | 2.8%               | 4.3%   |
| 6       | 92.3 | 2.5%               | -2.6%  |
| 7       | 84.3 | -3.7%              | -7.9%  |
| 8       | 91.9 | -3.9%              | -1.5%  |
| 9       | 87.0 | -6.6%              | 2.3%   |
| 10      | 82.1 | -5.4%              | 8.5%   |
| 11      | 80.0 | -1.3%              | 12.6%  |
| 12      | 83.4 | 6.0%               | 2.9%   |
| 13      | 85.7 | 5.0%               | -7.7%  |
| 14      | 76.9 | 4.8%               | -16.3% |
| 15      | 80.3 | -2.8%              | -10.6% |
| 16      | 72.6 | -9.7%              | -16.5% |



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