

# LED Test Report

## Product Mark

Product Type : F52-27s-060DF1

Manufacturer :

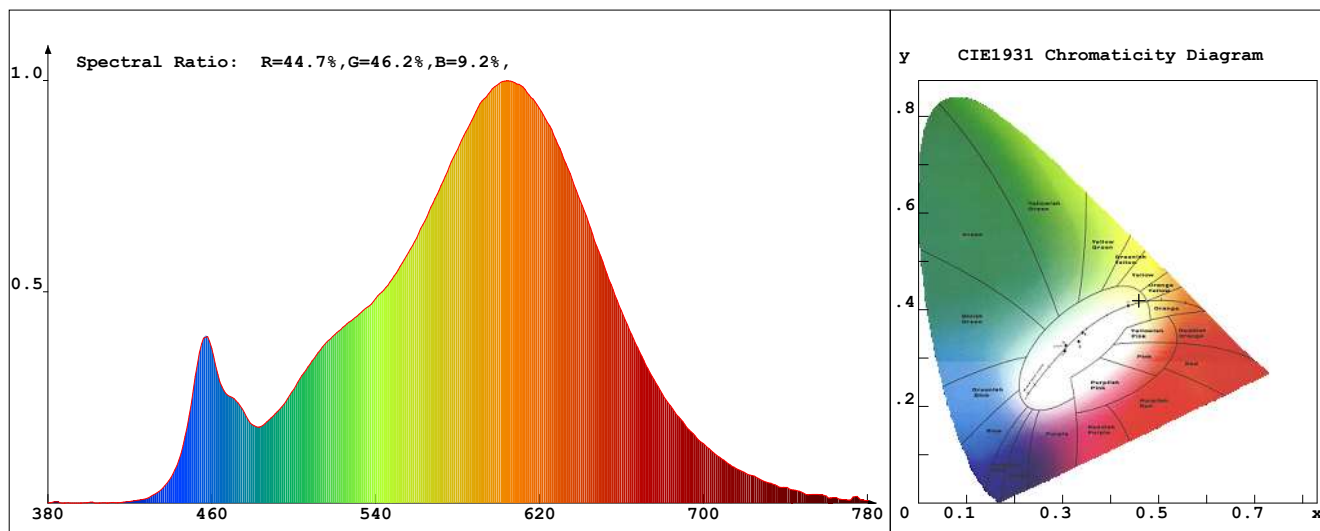
Temperature : 'C

Humidity : %

Operator :

Test Date : 02-09-21 15:20:13

Remark: BIN CT STEP3 LOTTO 424



## Chroma Parameters

Chro.Coord.: x=0.4589 y=0.4191 u=0.2581 v=0.3536 duv=0.0032

CCT: 2780K Dominant Wave.: 582.8nm Purity: 63.6% Centre Wave: 599.0nm

Flux RGB Ratio: R=23.1%, G=75.4%, B=1.5% Peak Wave: 604.8nm Half Width: 112.7nm

## Rendering Index: Ra= 80.4 CRI= 77.7

R1 =78 R2 =91 R3 =95 R4 =77 R5 =79 R6 =90 R7 =80 R8 =53

R9 =-2 R10=79 R11=76 R12=69 R13=81 R14=98 R15=69

PPF: 6.783umol/s (400-700nm)

PRF: 1.4mW (400-700nm)

PAR: 1.3mW (400-700nm)

## Photo Parameters

Flux: 507.36lm Effi.: 117.9lm/W Radiant: 1430.9mW Iv: 0.0mcd

Scotopic Flux: 627.7Plm Effi.: 0.0Plm/W S/P: 1.2

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 7014.290umol/s (380-780nm)

## Ele. Parameters

Forward Current: If=363.0mA

Reverse Voltage: Vr=5.00V

Forward Voltage: Vf=11.85V

Reverse Current: Ir=0.00uA

Power: P=4.310W

## Instrument state

Instrument: Lisun

Integral Time: 261.396ms

VPeak: 13208

VDark: 1213

Scan Range: 380-780nm

Product ID: 201508924

# IES TM-30-2015 Test Report

## Product Mark

Product Type : F52-27s-060DF1

Temperature : 'C

Operator :

Remark: BIN CT STEP3 LOTTO 424

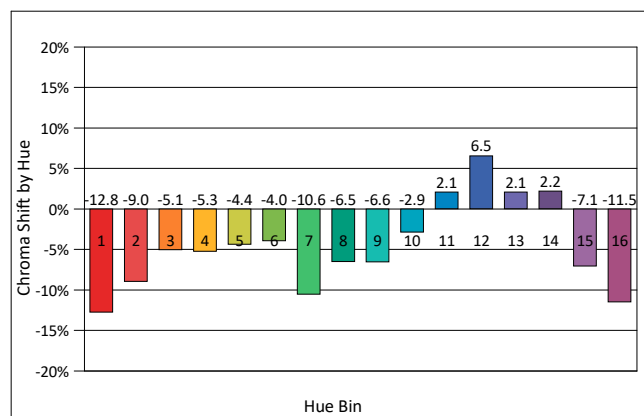
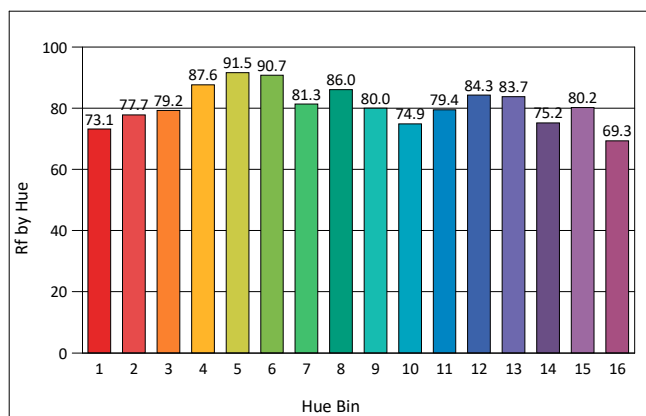
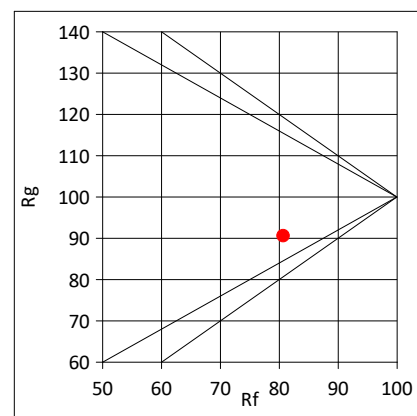
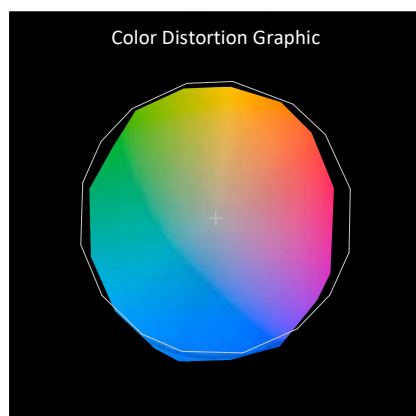
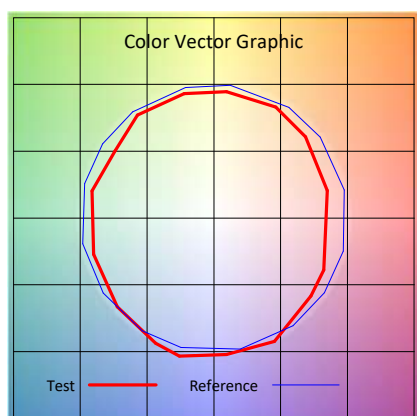
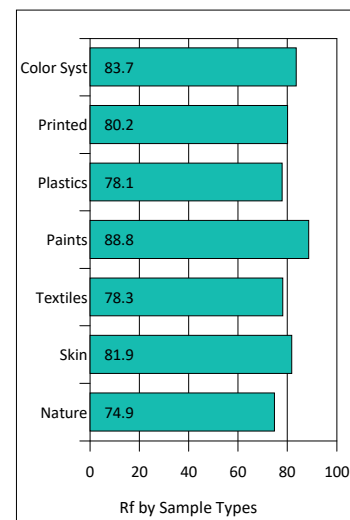
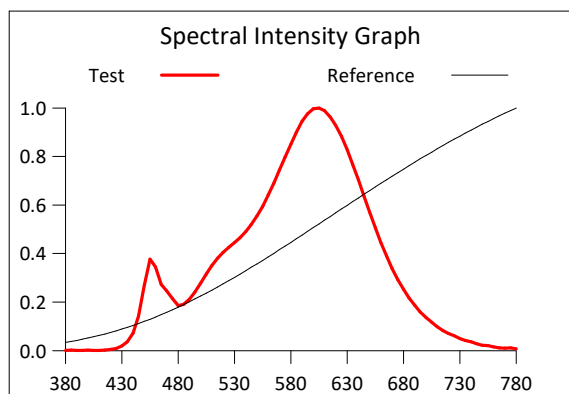
Manufacturer :

Humidity : %

Test Date : 02-09-21 15:20:13

Rf: 80.7 CCT(K): 2780 u': 0.2581  
 Rg: 90.6 LER: 338.4 Duv: 0.0032 v': 0.3536

| Hue Bin | Rf   | Graphic Shifts (%) |        |
|---------|------|--------------------|--------|
|         |      | Chroma             | Hue    |
| 1       | 73.1 | -12.8%             | 1.9%   |
| 2       | 77.7 | -9.0%              | 6.3%   |
| 3       | 79.2 | -5.1%              | 8.3%   |
| 4       | 87.6 | -5.3%              | 1.9%   |
| 5       | 91.5 | -4.4%              | 2.0%   |
| 6       | 90.7 | -4.0%              | -1.5%  |
| 7       | 81.3 | -10.6%             | -1.0%  |
| 8       | 86.0 | -6.5%              | 4.4%   |
| 9       | 80.0 | -6.6%              | 9.2%   |
| 10      | 74.9 | -2.9%              | 14.2%  |
| 11      | 79.4 | 2.1%               | 13.7%  |
| 12      | 84.3 | 6.5%               | 0.1%   |
| 13      | 83.7 | 2.1%               | -10.8% |
| 14      | 75.2 | 2.2%               | -18.0% |
| 15      | 80.2 | -7.1%              | -7.5%  |
| 16      | 69.3 | -11.5%             | -16.6% |



# IES TM-30-2015 Test Report

## Product Mark

Product Type : F52-27s-060DF1

Manufacturer :

Temperature : 'C

Humidity : %

Operator :

Test Date : 02-09-21 15:20:13

Remark: BIN CT STEP3 LOTTO 424

