

# LED Test Report

## Product Mark

Product Type : F52-65s-240DF1

Manufacturer :

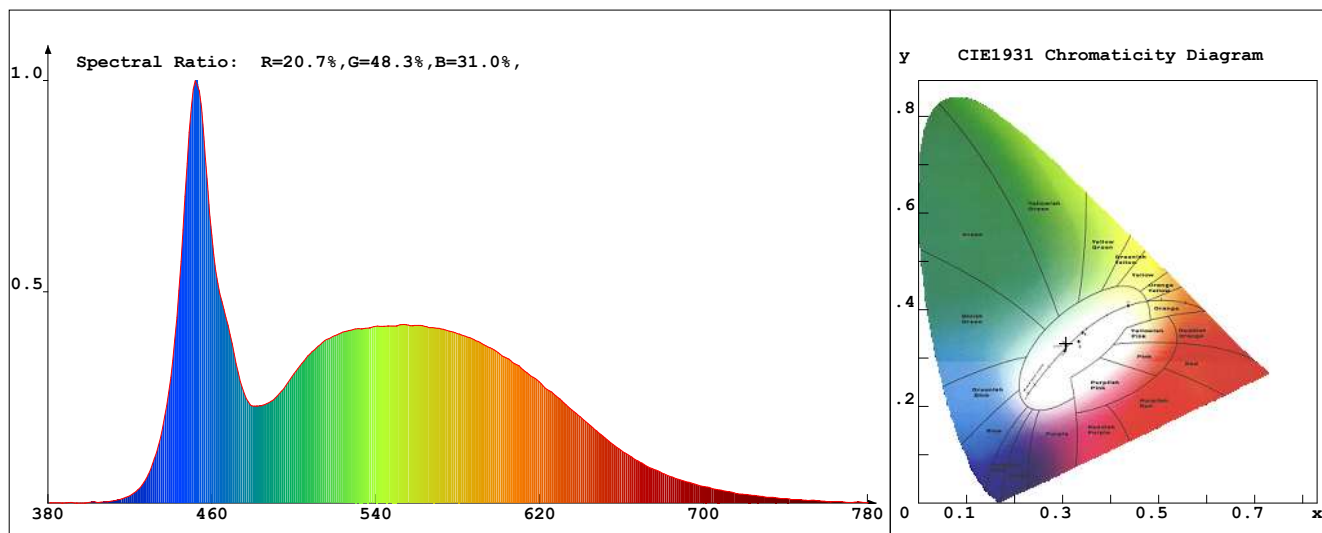
Temperature : 'C

Humidity : %

Operator :

Test Date : 10-09-21 12:36:30

Remark: BIN CTSTEP3 LOTTO 408



## Chroma Parameters

Chro.Coord.:x=0.3071 y=0.3300 u=0.1936 v=0.3120 duv=0.0066

CCT: 6807K Dominant Wave.:490.1nm Purity:9.1% Centre Wave:452.8nm

Flux RGB Ratio:R=12.3%,G=83.5%,B=4.3% Peak Wave:451.6nm Half Width:19.5nm

## Rendering Index:Ra= 82.9 CRI= 78.1

R1 =80 R2 =88 R3 =92 R4 =81 R5 =81 R6 =83 R7 =89 R8 =70

R9 =5 R10=71 R11=80 R12=55 R13=83 R14=96 R15=75

PPF:27.138umol/s (400-700nm)

PRF: 6.1mW (400-700nm)

PAR: 5.0mW (400-700nm)

## Photo Parameters

Flux:2031.06lm Effi.:117.4lm/W Radiant:6132.5mW Iv:0.0mcd

Scotopic Flux:4698.8Plm Effi.:0.0Plm/W S/P:2.3

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:27588.400umol/s (380-780nm)

## Ele. Parameters

Forward Current:If=1410.0mA

Reverse Voltage:Vr=5.00V

Forward Voltage:Vf=12.27V

Reverse Current:Ir=0.00uA

Power:P=17.320W

## Instrument state

Instrument:Lisun

Integral Time: 40.600ms

VPeak: 14584

VDark: 1127

Scan Range: 380-780nm

Product ID: 201508924

# IES TM-30-2015 Test Report

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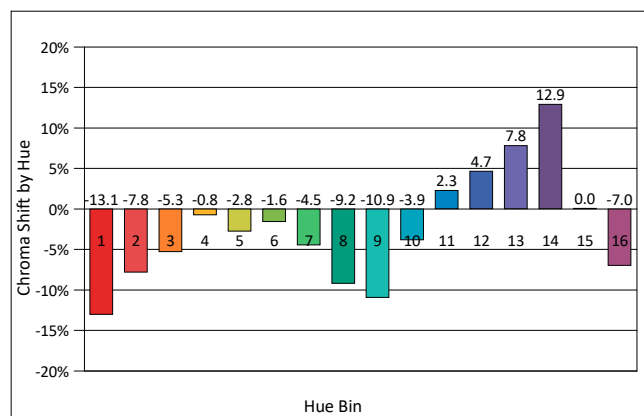
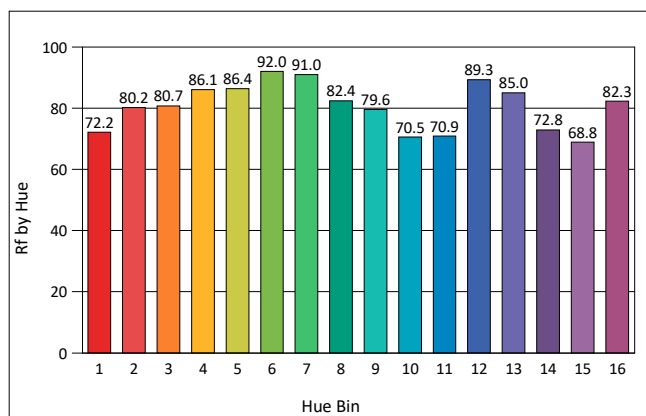
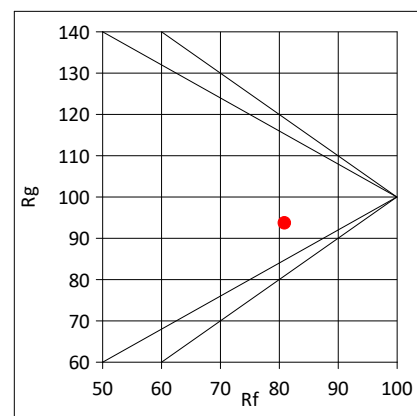
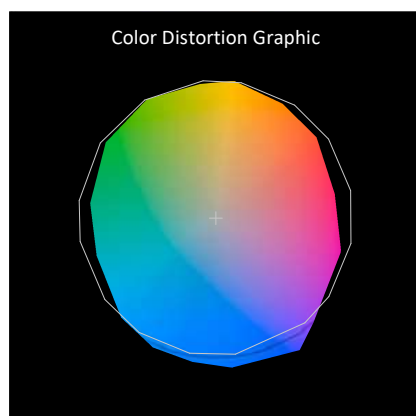
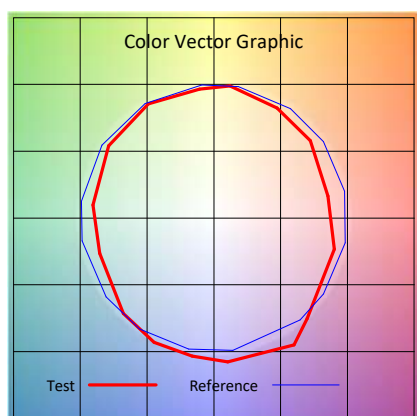
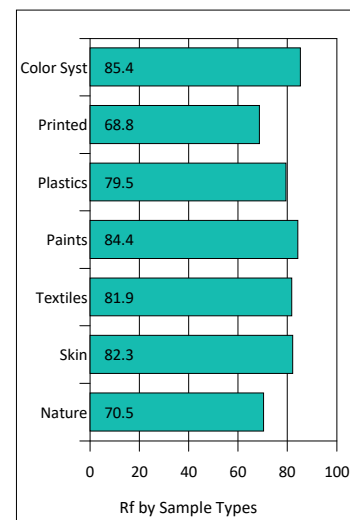
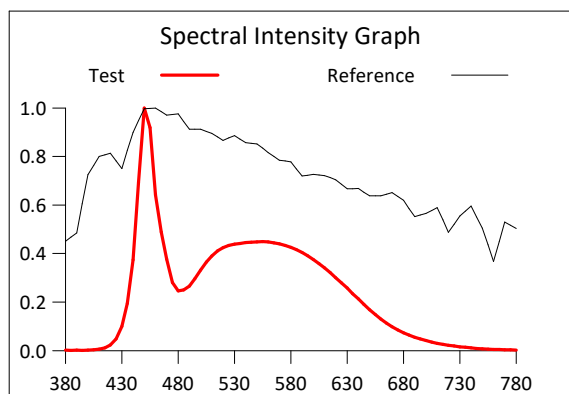
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Rf: 80.9 CCT(K): 6807 u': 0.1936  
 Rg: 93.7 LER: 310.5 Duv: 0.0066 v': 0.3120

| Hue Bin | Rf   | Graphic Shifts (%) |        |
|---------|------|--------------------|--------|
|         |      | Chroma             | Hue    |
| 1       | 72.2 | -13.1%             | -0.9%  |
| 2       | 80.2 | -7.8%              | 5.9%   |
| 3       | 80.7 | -5.3%              | 8.6%   |
| 4       | 86.1 | -0.8%              | 6.4%   |
| 5       | 86.4 | -2.8%              | 2.1%   |
| 6       | 92.0 | -1.6%              | -1.9%  |
| 7       | 91.0 | -4.5%              | -2.3%  |
| 8       | 82.4 | -9.2%              | 1.3%   |
| 9       | 79.6 | -10.9%             | 11.6%  |
| 10      | 70.5 | -3.9%              | 17.5%  |
| 11      | 70.9 | 2.3%               | 14.6%  |
| 12      | 89.3 | 4.7%               | 3.7%   |
| 13      | 85.0 | 7.8%               | -5.5%  |
| 14      | 72.8 | 12.9%              | -14.3% |
| 15      | 68.8 | 0.0%               | -22.2% |
| 16      | 82.3 | -7.0%              | -6.3%  |



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