

LED Test Report

Product Mark

Product Type : F52-27s-120DF1

Manufacturer :

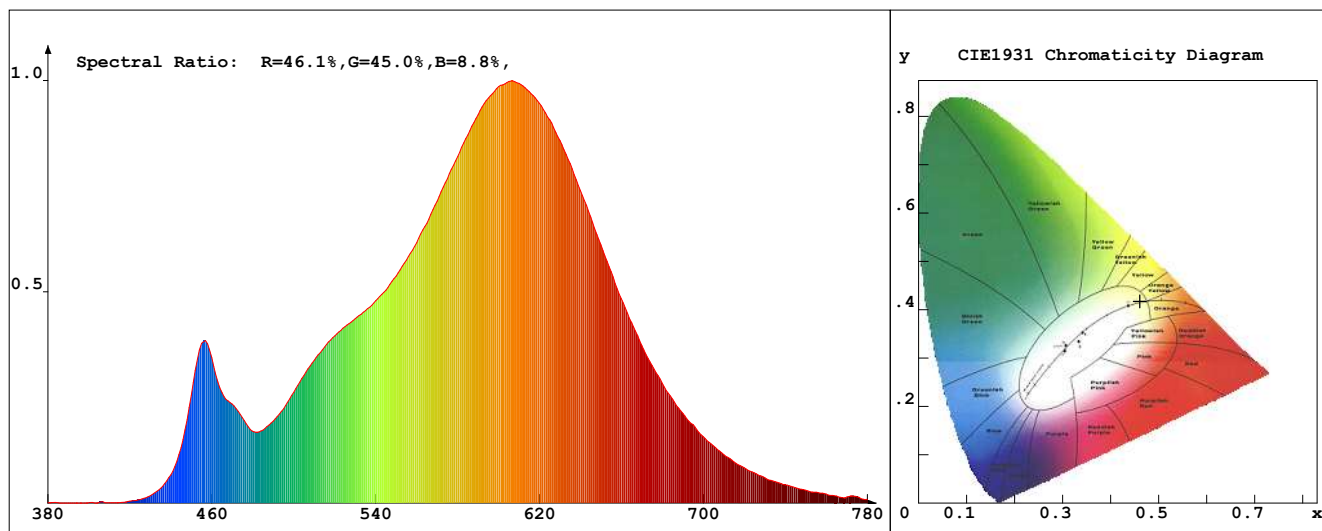
Temperature : 'C

Humidity : %

Operator :

Test Date : 10-09-21 12:43:46

Remark: BIN CT STEP3 LOTTO 450



Chroma Parameters

Chro.Coord.: $x=0.4612$ $y=0.4178$ $u=0.2601$ $v=0.3535$ $duv=0.0025$

CCT: 2738K Dominant Wave.: 583.2nm Purity: 63.9% Centre Wave: 600.5nm

Flux RGB Ratio: $R=23.7\%$, $G=74.9\%$, $B=1.4\%$ Peak Wave: 604.8nm Half Width: 113.7nm

Rendering Index: $R_a=81.5$ CRI= 78.8

R1 =80	R2 =91	R3 =96	R4 =79	R5 =80	R6 =91	R7 =81	R8 =56
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R9 =3	R10=80	R11=78	R12=70	R13=82	R14=98	R15=71	
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PPF: 12.841 $\mu\text{mol/s}$ (400-700nm)

PRF: 2.6mW (400-700nm)

PAR: 2.4mW (400-700nm)

Photo Parameters

Flux: 942.38lm Effi.: 109.6lm/W Radiant: 2713.7mW Iv: 0.0mcd

Scotopic Flux: 1153.2Plm Effi.: 0.0Plm/W S/P: 1.2

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 13350.500 $\mu\text{mol/s}$ (380-780nm)

Ele. Parameters

Forward Current: $I_f=714.0\text{mA}$ Reverse Voltage: $V_r=5.00\text{V}$ Forward Voltage: $V_f=12.04\text{V}$ Reverse Current: $I_r=0.00\mu\text{A}$ Power: $P=8.601\text{W}$

Instrument state

Instrument: Lisun

Integral Time: 141.770ms

VPeak: 13176

VDark: 1160

Scan Range: 380-780nm

Product ID: 201508924

IES TM-30-2015 Test Report

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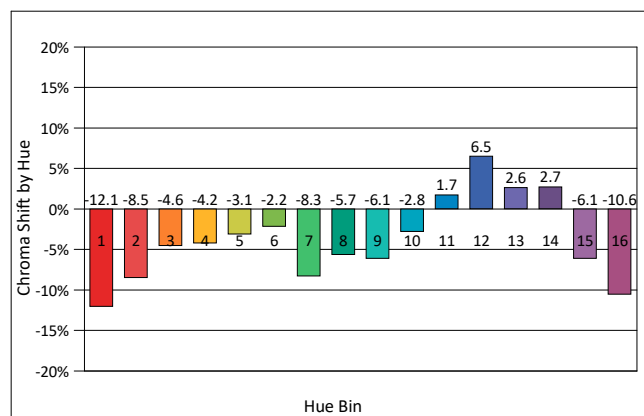
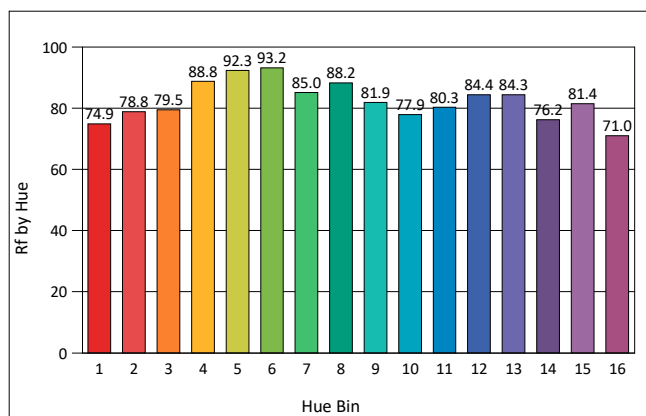
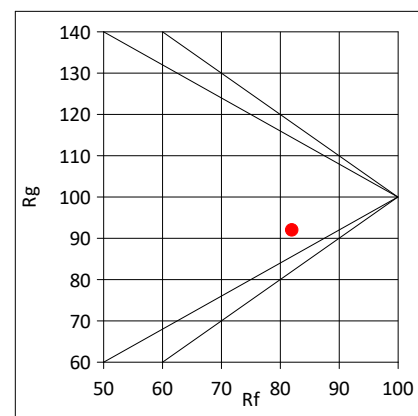
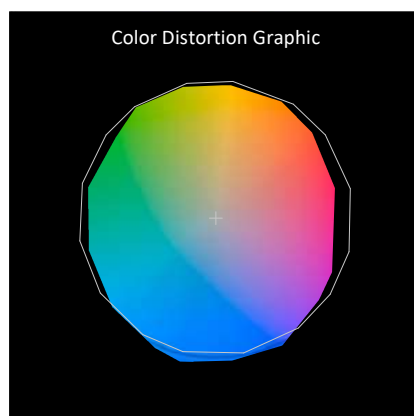
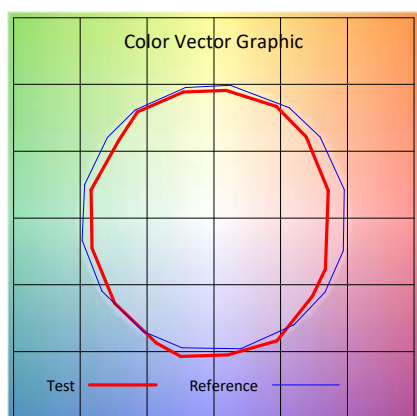
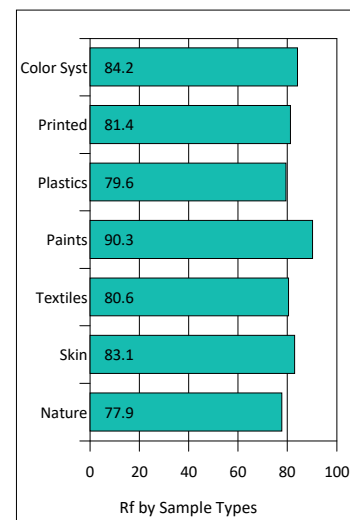
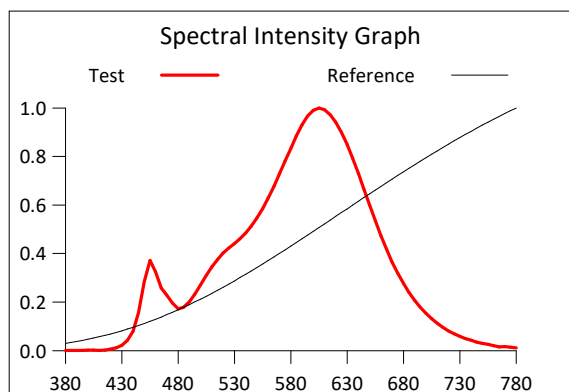
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Rf: 82.0 CCT(K): 2738 u': 0.2601
 Rg: 92.0 LER: 332.1 Duv: 0.0025 v': 0.3535

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	74.9	-12.1%	1.6%
2	78.8	-8.5%	6.1%
3	79.5	-4.6%	8.5%
4	88.8	-4.2%	2.5%
5	92.3	-3.1%	2.4%
6	93.2	-2.2%	-0.7%
7	85.0	-8.3%	-2.5%
8	88.2	-5.7%	3.2%
9	81.9	-6.1%	7.5%
10	77.9	-2.8%	13.0%
11	80.3	1.7%	13.1%
12	84.4	6.5%	0.3%
13	84.3	2.6%	-10.2%
14	76.2	2.7%	-17.2%
15	81.4	-6.1%	-7.6%
16	71.0	-10.6%	-16.1%



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