

LED Test Report

Product Mark

Product Type : F52-27S-1208F2

Manufacturer :

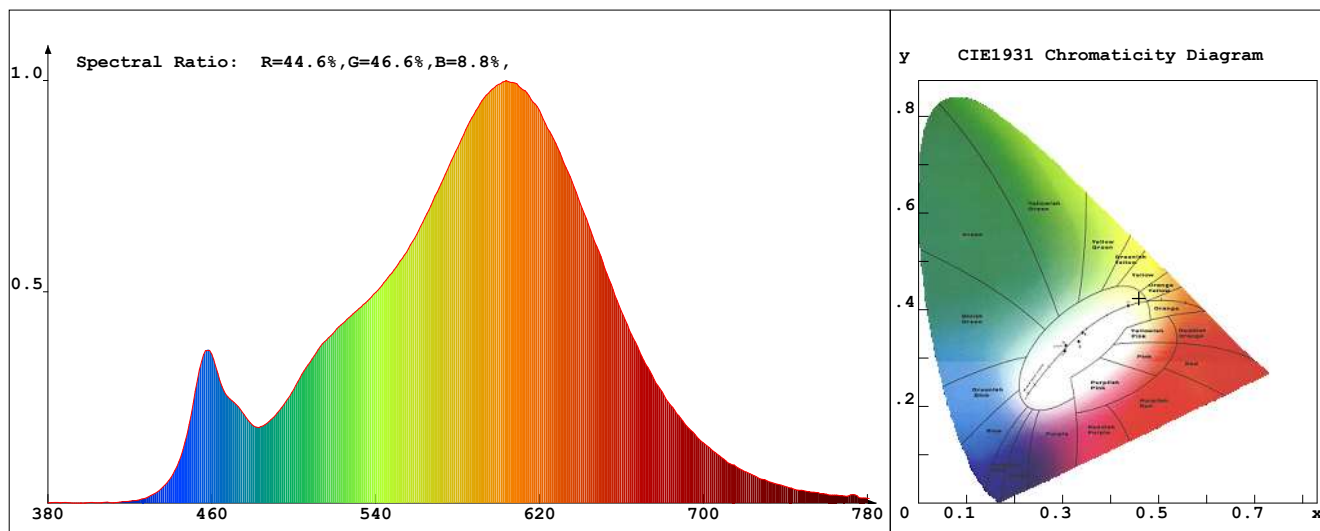
Temperature : 1m'C

Humidity : %

Operator :

Test Date : 13-04-22 14:32:58

Remark: BIN CT STEP3 LOTTO 484



Chroma Parameters

Chro.Coord.: $x=0.4593$ $y=0.4233$ $u=0.2566$ $v=0.3547$ $duv=0.0047$

CCT: 2804K Dominant Wave.: 582.3nm Purity: 64.9% Centre Wave: 597.9nm

Flux RGB Ratio: $R=22.8\%$, $G=75.7\%$, $B=1.5\%$ Peak Wave: 601.8nm Half Width: 114.5nm

Rendering Index: $R_a=80.2$ CRI= 77.3

$R_1=78$	$R_2=90$	$R_3=96$	$R_4=77$	$R_5=78$	$R_6=89$	$R_7=81$	$R_8=53$
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$R_9=-4$	$R_{10}=78$	$R_{11}=76$	$R_{12}=66$	$R_{13}=80$	$R_{14}=98$	$R_{15}=69$	
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PPF: 29.598 $\mu\text{mol/s}$ (400-700nm)

PRF: 6.1mW (400-700nm)

PAR: 5.5mW (400-700nm)

Photo Parameters

Flux: 2246.56lm Effi.: 104.0lm/W Radiant: 6256.6mW Iv: 0.0mcd

Scotopic Flux: 2772.0Plm Effi.: 0.0Plm/W S/P: 1.2

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 30700.900 $\mu\text{mol/s}$ (380-780nm)

Ele. Parameters

Voltage: $U=23.90\text{V}$ Current: $I=0.9040\text{A}$ Power: $P=21.611\text{W}$ Power Factor: $PF=1.000$

Instrument state

Instrument: Lisun

Integral Time: 66.999ms

VPeak: 14824

VDark: 1388

Scan Range: 380-780nm

Product ID: 201508924

IES TM-30-2015 Test Report

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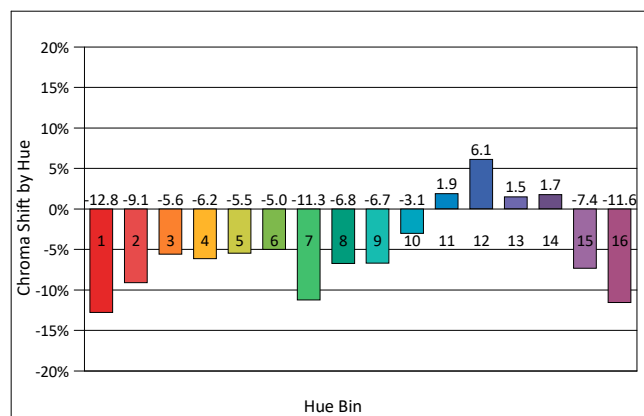
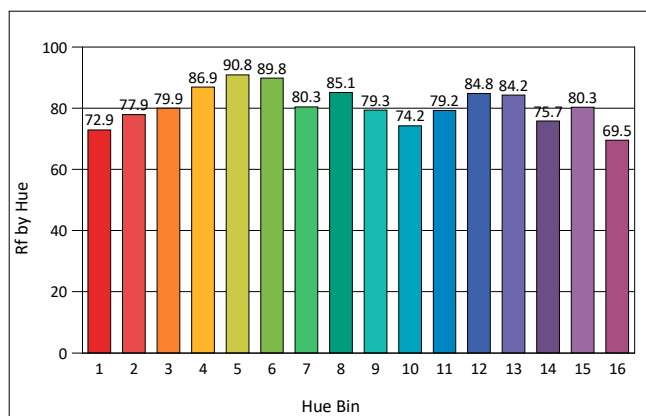
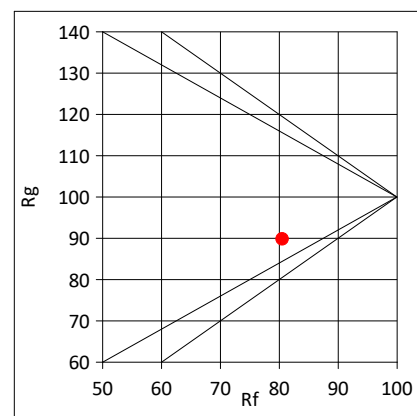
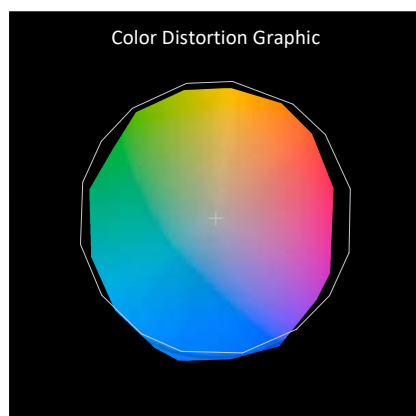
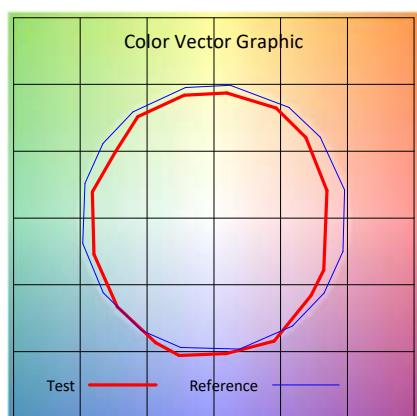
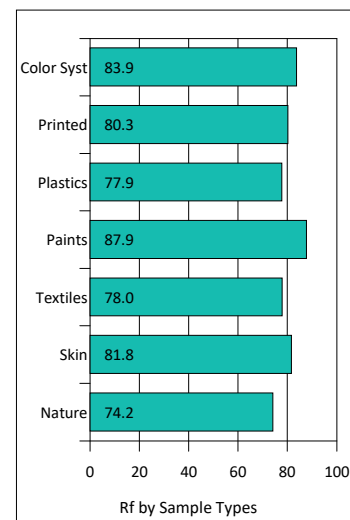
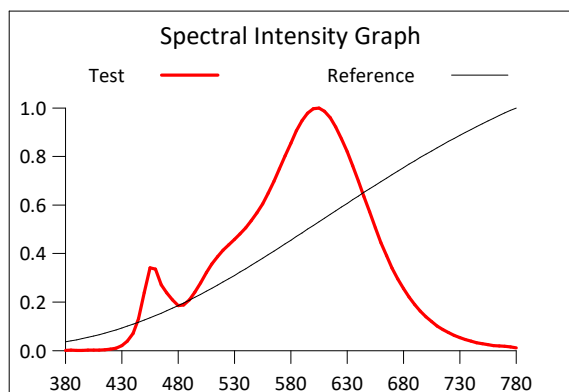
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Rf: 80.5 CCT(K): 2804 u': 0.2566
 Rg: 89.8 LER: 340.1 Duv: 0.0047 v': 0.3547

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	72.9	-12.8%	1.9%
2	77.9	-9.1%	5.8%
3	79.9	-5.6%	7.6%
4	86.9	-6.2%	1.5%
5	90.8	-5.5%	2.0%
6	89.8	-5.0%	-1.0%
7	80.3	-11.3%	-0.2%
8	85.1	-6.8%	5.2%
9	79.3	-6.7%	9.6%
10	74.2	-3.1%	14.6%
11	79.2	1.9%	13.8%
12	84.8	6.1%	0.2%
13	84.2	1.5%	-10.4%
14	75.7	1.7%	-17.6%
15	80.3	-7.4%	-7.0%
16	69.5	-11.6%	-16.3%



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