

LED Test Report

Product Mark

Product Type : F52-30s-240D22

Manufacturer :

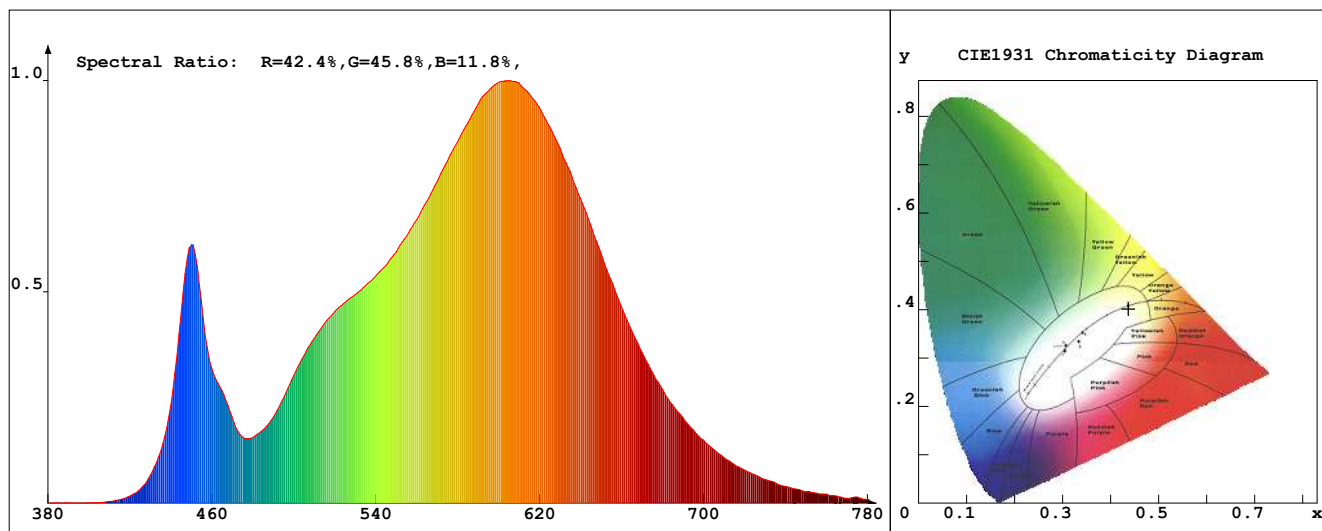
Temperature : 'C

Humidity : %

Operator :

Test Date : 07-07-21 10:52:58

Remark: BIN 3WS LOTTO 441



Chroma Parameters

Chro.Coord.: $x=0.4370$ $y=0.4016$ $u=0.2517$ $v=0.3470$ $duv=-0.0010$

CCT: 2978K Dominant Wave.: 583.3nm Purity: 51.7% Centre Wave: 593.3nm

Flux RGB Ratio: $R=22.1\%$, $G=76.3\%$, $B=1.5\%$ Peak Wave: 603.8nm Half Width: 125.6nm

Rendering Index: $R_a=82.1$ CRI= 79.2

$R_1=80$	$R_2=90$	$R_3=97$	$R_4=81$	$R_5=81$	$R_6=88$	$R_7=82$	$R_8=58$
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$R_9=5$	$R_{10}=78$	$R_{11}=80$	$R_{12}=71$	$R_{13}=82$	$R_{14}=99$	$R_{15}=73$	
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PPF: 28.342 $\mu\text{mol/s}$ (400-700nm)

PRF: 5.9mW (400-700nm)

PAR: 5.2mW (400-700nm)

Photo Parameters

Flux: 2095.46lm Effi.: 121.1lm/W Radiant: 6041.8mW Iv: 0.0mcd

Scotopic Flux: 2770.0Plm Effi.: 0.0Plm/W S/P: 1.3

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 29342.301 $\mu\text{mol/s}$ (380-780nm)

Ele. Parameters

Forward Current: $I_f=724.0\text{mA}$ Reverse Voltage: $V_r=5.00\text{V}$ Forward Voltage: $V_f=23.90\text{V}$ Reverse Current: $I_r=0.00\mu\text{A}$ Power: $P=17.311\text{W}$

Instrument state

Instrument: Lisun

Integral Time: 74.836ms

VPeak: 14904

VDark: 1140

Scan Range: 380-780nm

Product ID: 201508924

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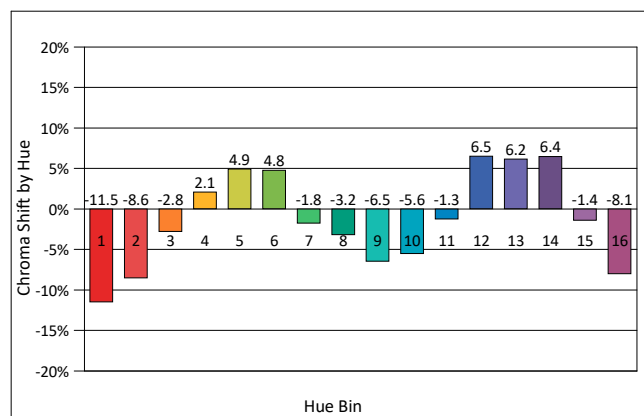
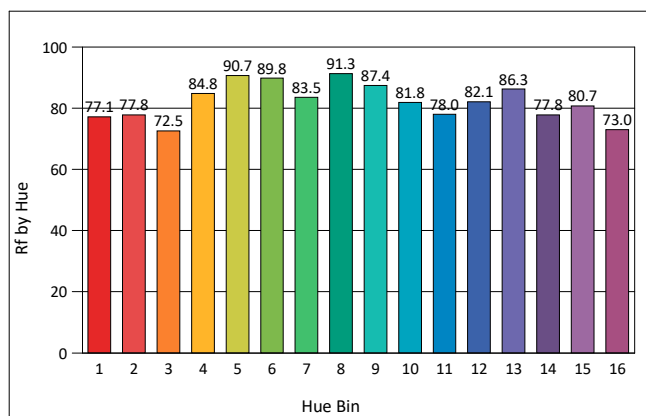
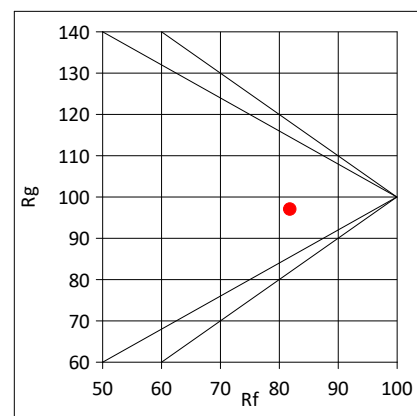
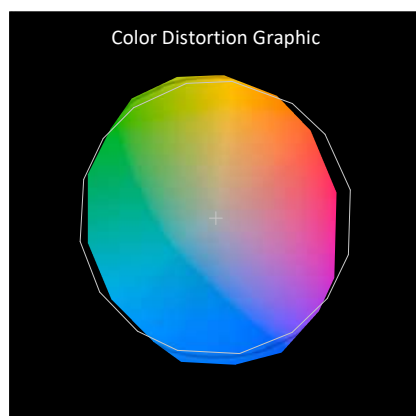
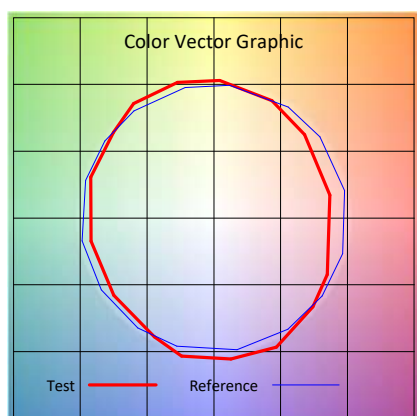
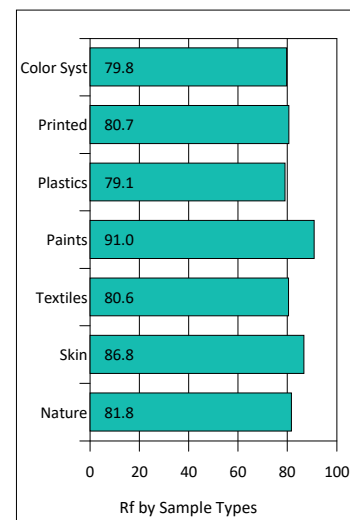
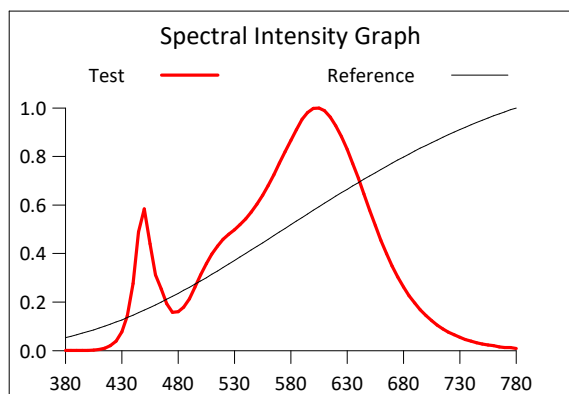
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Rf: 81.8 CCT(K): 2978 u': 0.2517
 Rg: 97.0 LER: 331.1 Duv: -0.0010 v': 0.3470

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	77.1	-11.5%	-1.0%
2	77.8	-8.6%	7.5%
3	72.5	-2.8%	12.7%
4	84.8	2.1%	8.1%
5	90.7	4.9%	5.0%
6	89.8	4.8%	-2.9%
7	83.5	-1.8%	-8.9%
8	91.3	-3.2%	-3.2%
9	87.4	-6.5%	1.4%
10	81.8	-5.6%	8.6%
11	78.0	-1.3%	13.9%
12	82.1	6.5%	4.9%
13	86.3	6.2%	-5.8%
14	77.8	6.4%	-14.9%
15	80.7	-1.4%	-10.6%
16	73.0	-8.1%	-17.5%



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