

LED Test Report

Product Mark

Product Type : F52-30s-096822Z

Manufacturer :

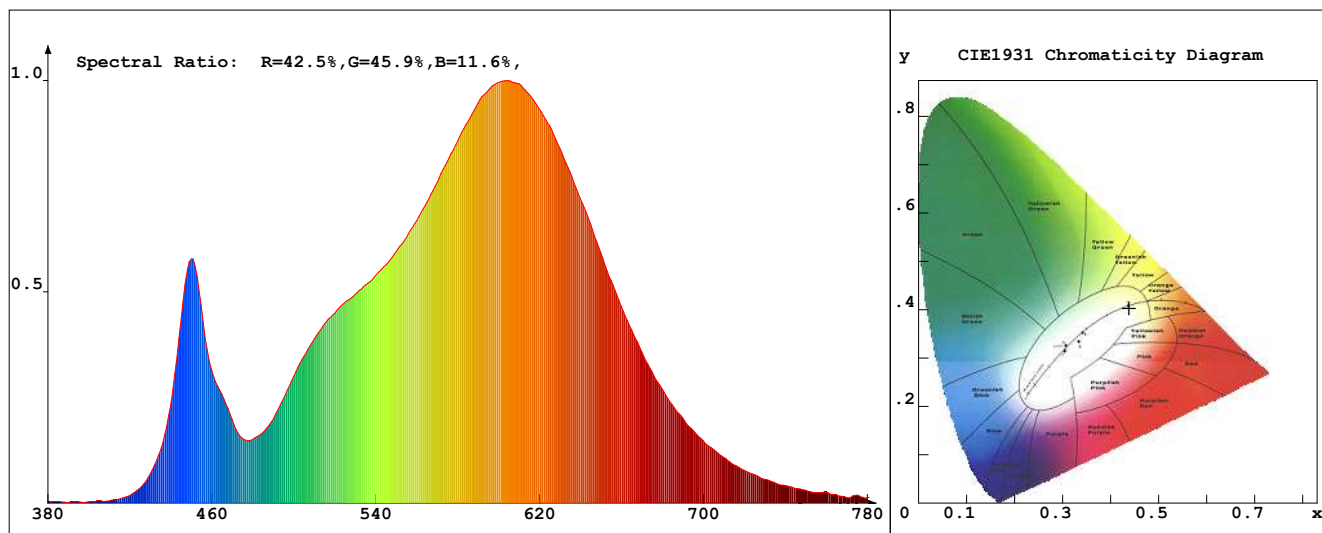
Temperature : 'C

Humidity : %

Operator :

Test Date : 02-09-21 14:36:09

Remark: BIN 3WS LOTTO 443



Chroma Parameters

Chro.Coord.: $x=0.4384$ $y=0.4032$ $u=0.2519$ $v=0.3475$ $duv=-0.0006$

CCT: 2968K Dominant Wave.: 583.1nm Purity: 52.6% Centre Wave: 593.3nm

Flux RGB Ratio: $R=22.1\%$, $G=76.4\%$, $B=1.5\%$ Peak Wave: 602.8nm Half Width: 125.6nm

Rendering Index: $R_a=81.9$ CRI= 79.0

$R_1=80$	$R_2=90$	$R_3=97$	$R_4=81$	$R_5=81$	$R_6=88$	$R_7=82$	$R_8=58$
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$R_9=4$	$R_{10}=77$	$R_{11}=80$	$R_{12}=70$	$R_{13}=82$	$R_{14}=99$	$R_{15}=73$
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PPF: 14.462 $\mu\text{mol/s}$ (400-700nm)

PRF: 3.0mW (400-700nm)

PAR: 2.7mW (400-700nm)

Photo Parameters

Flux: 1062.71lm Effi.: 118.21lm/W Radiant: 3085.2mW Iv: 0.0mcd

Scotopic Flux: 1394.8Plm Effi.: 0.0Plm/W S/P: 1.3

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 14993.100 $\mu\text{mol/s}$ (380-780nm)

Ele. Parameters

Forward Current: $I_f=379.0\text{mA}$ Reverse Voltage: $V_r=5.00\text{V}$ Forward Voltage: $V_f=23.72\text{V}$ Reverse Current: $I_r=0.00\mu\text{A}$ Power: $P=9.020\text{W}$

Instrument state

Instrument: Lisun

Integral Time: 126.168ms

VPeak: 13160

VDark: 1227

Scan Range: 380-780nm

Product ID: 201508924

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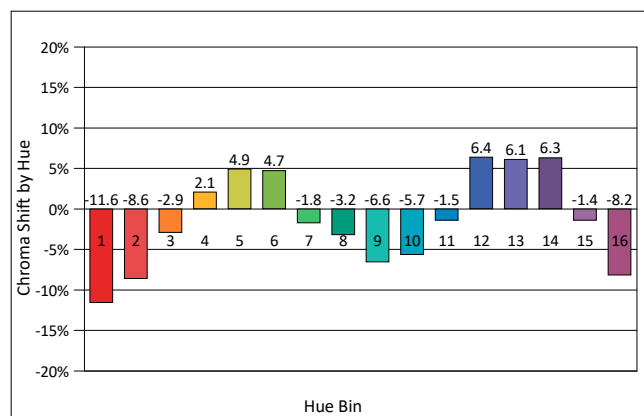
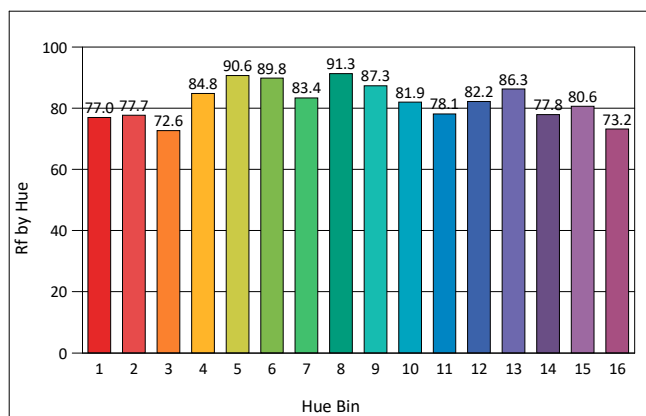
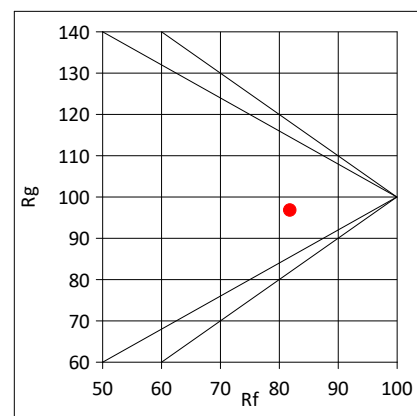
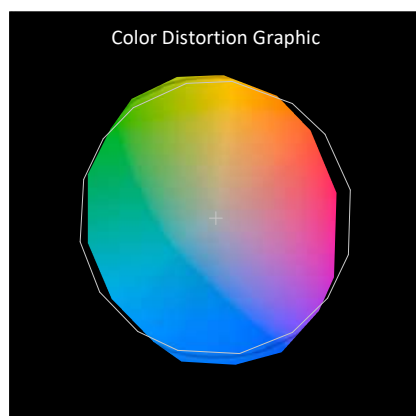
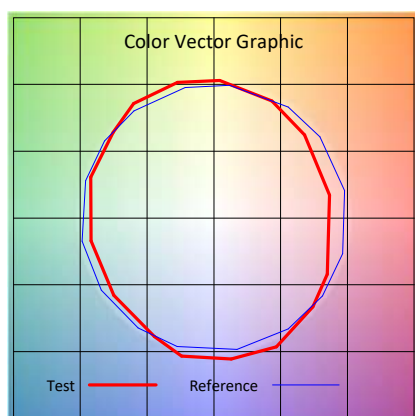
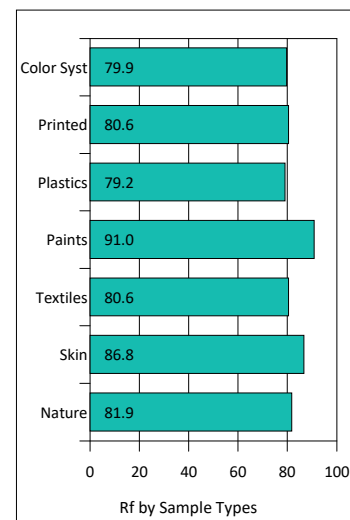
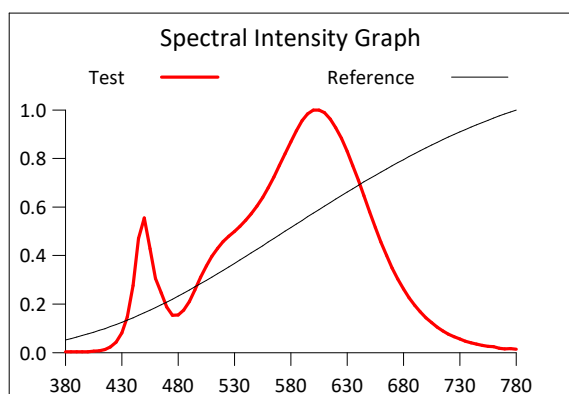
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Rf: 81.8 CCT(K): 2968 u': 0.2519
 Rg: 96.8 LER: 331.5 Duv: -0.0006 v': 0.3475

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	77.0	-11.6%	-1.1%
2	77.7	-8.6%	7.5%
3	72.6	-2.9%	12.7%
4	84.8	2.1%	8.1%
5	90.6	4.9%	5.0%
6	89.8	4.7%	-2.9%
7	83.4	-1.8%	-9.0%
8	91.3	-3.2%	-3.2%
9	87.3	-6.6%	1.3%
10	81.9	-5.7%	8.4%
11	78.1	-1.5%	13.8%
12	82.2	6.4%	4.9%
13	86.3	6.1%	-5.8%
14	77.8	6.3%	-14.9%
15	80.6	-1.4%	-10.7%
16	73.2	-8.2%	-17.3%



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