

LED Test Report

Product Mark

Product Type : F52-30s-140822-W6

Manufacturer :

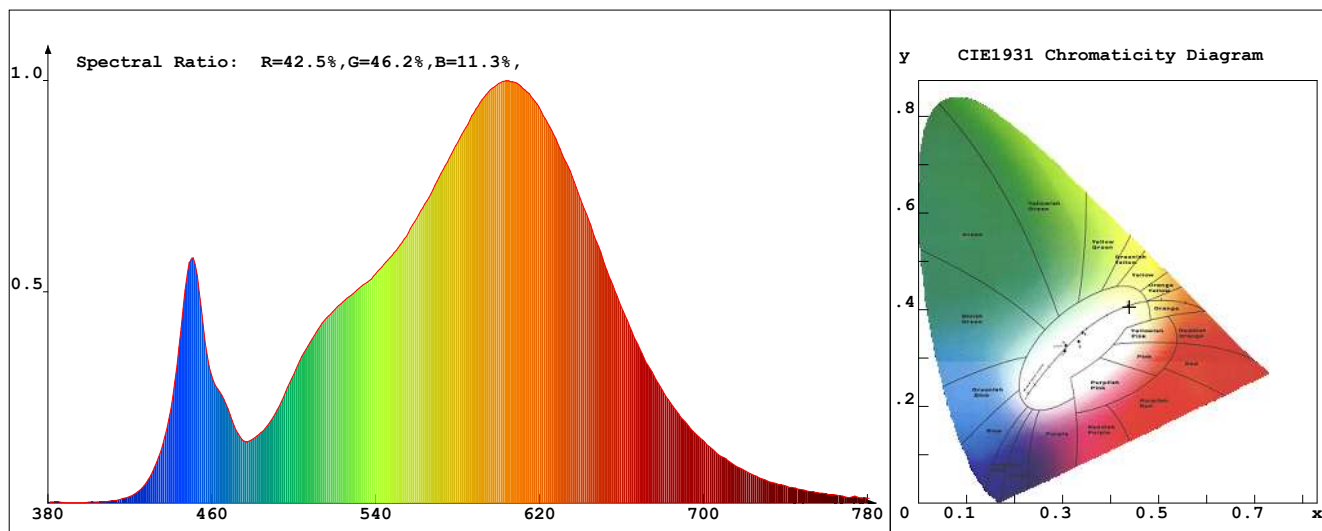
Temperature : CRI'C

Humidity : %

Operator :

Test Date : 10-01-22 10:17:17

Remark: BIN 3WS LOTTO 469 10W



Chroma Parameters

Chro.Coord.: $x=0.4387$ $y=0.4054$ $u=0.2512$ $v=0.3481$ $duv=0.0003$

CCT: 2981K Dominant Wave.: 582.8nm Purity: 53.4% Centre Wave: 592.6nm

Flux RGB Ratio: $R=22.1\%$, $G=76.4\%$, $B=1.5\%$ Peak Wave: 601.8nm Half Width: 127.0nm

Rendering Index: $R_a=82.2$ CRI= 79.2

$R_1=80$	$R_2=90$	$R_3=97$	$R_4=81$	$R_5=81$	$R_6=88$	$R_7=83$	$R_8=58$
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$R_9=5$	$R_{10}=77$	$R_{11}=81$	$R_{12}=70$	$R_{13}=82$	$R_{14}=99$	$R_{15}=73$	
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PPF: 19.179 $\mu\text{mol/s}$ (400-700nm)

PRF: 4.0mW (400-700nm)

PAR: 3.5mW (400-700nm)

Photo Parameters

Flux: 1406.93lm Effi.: 140.8lm/W Radiant: 4088.0mW Iv: 0.0mcd

Scotopic Flux: 1852.1Plm Effi.: 0.0Plm/W S/P: 1.3

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 19869.199 $\mu\text{mol/s}$ (380-780nm)

Ele. Parameters

Voltage: $U=23.96\text{V}$ Current: $I=0.4170\text{A}$ Power: $P=10.011\text{W}$ Power Factor: $PF=1.000$

Instrument state

Instrument: Lisun

Integral Time: 110.079ms

VPeak: 14920

VDark: 1181

Scan Range: 380-780nm

Product ID: 201508924

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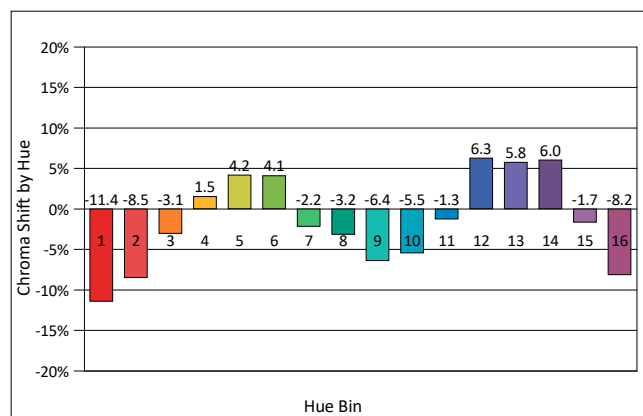
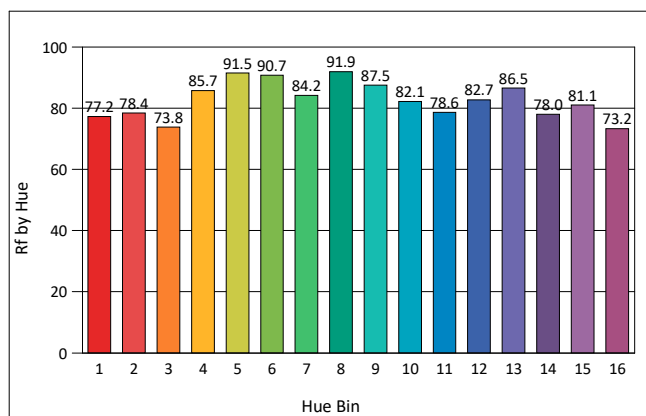
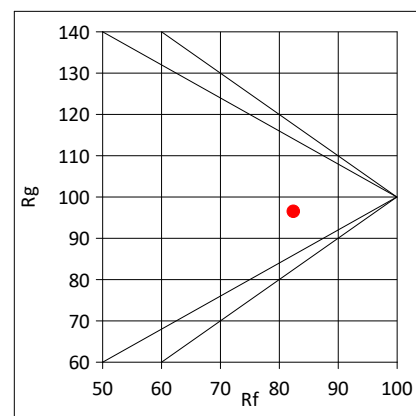
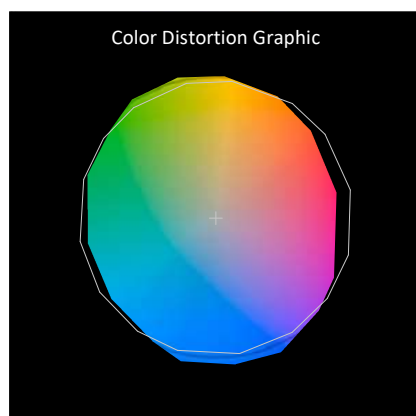
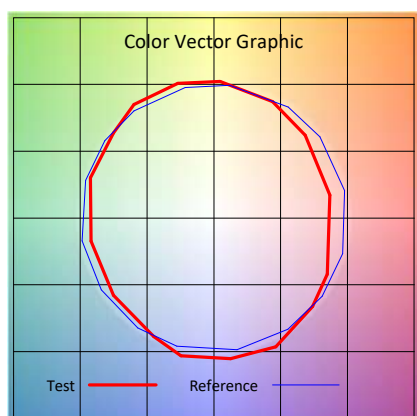
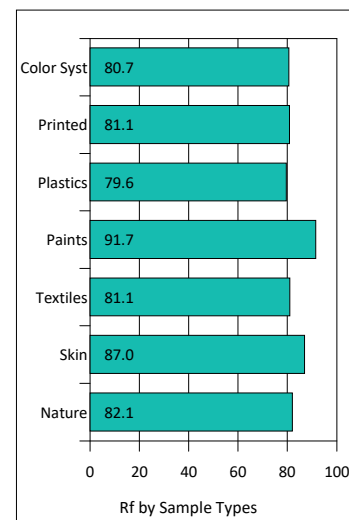
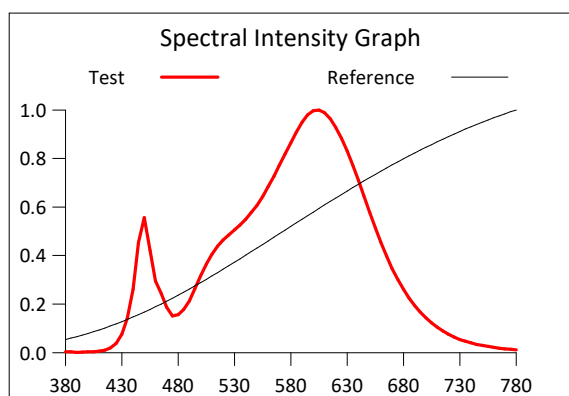
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Rf: 82.4 CCT(K): 2981 u': 0.2512
 Rg: 96.5 LER: 332.9 Duv: 0.0003 v': 0.3481

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	77.2	-11.4%	-1.0%
2	78.4	-8.5%	7.1%
3	73.8	-3.1%	12.0%
4	85.7	1.5%	7.5%
5	91.5	4.2%	4.8%
6	90.7	4.1%	-2.6%
7	84.2	-2.2%	-8.4%
8	91.9	-3.2%	-2.7%
9	87.5	-6.4%	1.5%
10	82.1	-5.5%	8.5%
11	78.6	-1.3%	13.6%
12	82.7	6.3%	4.5%
13	86.5	5.8%	-5.9%
14	78.0	6.0%	-14.9%
15	81.1	-1.7%	-10.4%
16	73.2	-8.2%	-17.2%



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