

LED Test Report

Product Mark

Product Type : K52-30S-120822-14.4

Manufacturer :

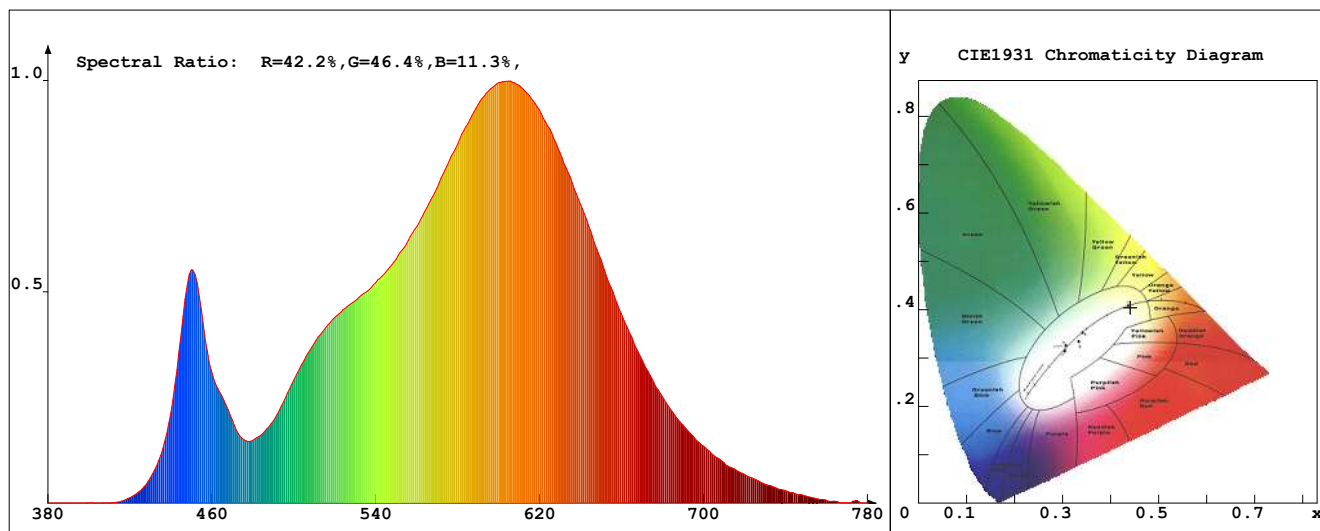
Temperature : 'C

Humidity : %

Operator :

Test Date : 18-10-21 17:38:40

Remark: BIN CT STEP3 LOTTO 454



Chroma Parameters

Chro.Coord.: $x=0.4413$ $y=0.4044$ $u=0.2532$ $v=0.3481$ $duv=-0.0005$

CCT: 2931K Dominant Wave.: 583.3nm Purity: 53.8% Centre Wave: 595.0nm

Flux RGB Ratio: $R=22.3\%$, $G=76.2\%$, $B=1.5\%$ Peak Wave: 602.8nm Half Width: 118.9nm

Rendering Index: $R_a=81.4$ CRI= 78.6

$R_1=79$	$R_2=90$	$R_3=96$	$R_4=80$	$R_5=80$	$R_6=88$	$R_7=81$	$R_8=56$
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$R_9=1$	$R_{10}=77$	$R_{11}=79$	$R_{12}=70$	$R_{13}=82$	$R_{14}=99$	$R_{15}=72$	
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PPF: 9.617 $\mu\text{mol/s}$ (400-700nm)

PRF: 2.0mW (400-700nm)

PAR: 1.8mW (400-700nm)

Photo Parameters

Flux: 710.44lm Effi.: 109.2lm/W Radiant: 2036.1mW Iv: 0.0mcd

Scotopic Flux: 921.9Plm Effi.: 0.0Plm/W S/P: 1.3

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 9884.320 $\mu\text{mol/s}$ (380-780nm)

Ele. Parameters

Forward Current: $I_f=275.0\text{mA}$ Reverse Voltage: $V_r=5.00\text{V}$ Forward Voltage: $V_f=23.66\text{V}$ Reverse Current: $I_r=0.00\mu\text{A}$ Power: $P=6.510\text{W}$

Instrument state

Instrument: Lisun

Integral Time: 202.073ms

VPeak: 14216

VDark: 1262

Scan Range: 380-780nm

Product ID: 201508924

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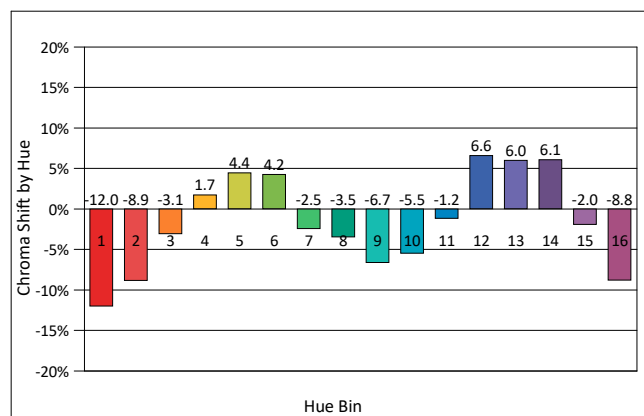
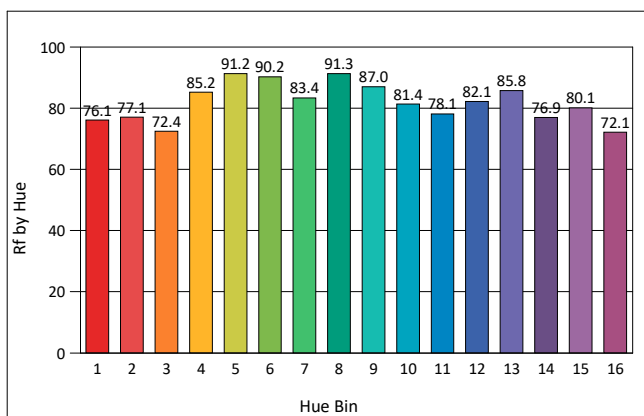
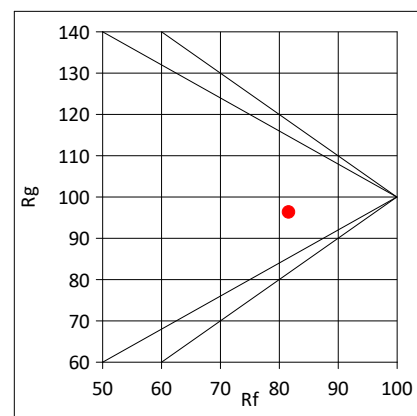
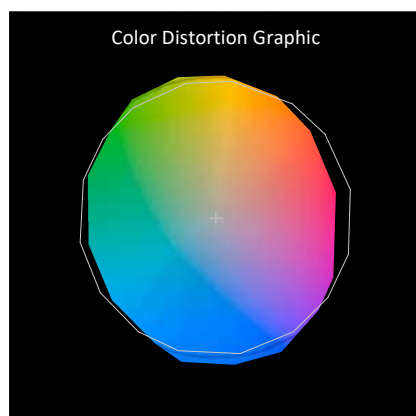
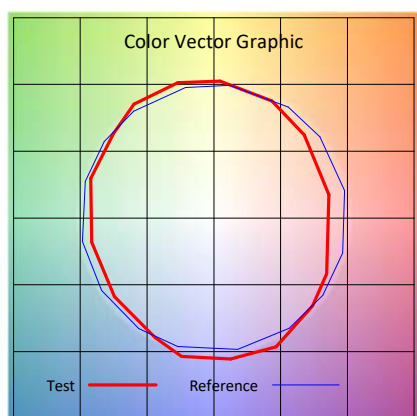
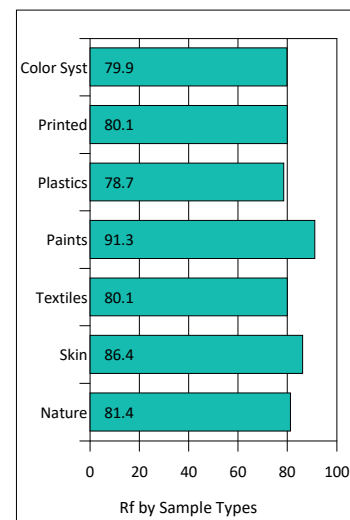
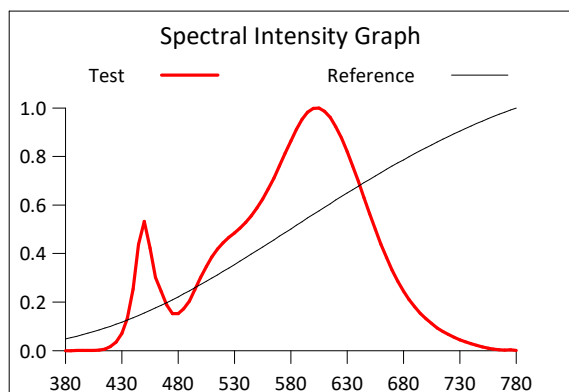
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Rf: 81.6 CCT(K): 2931 u': 0.2532
 Rg: 96.3 LER: 336.2 Duv: -0.0005 v': 0.3481

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	76.1	-12.0%	-0.9%
2	77.1	-8.9%	7.7%
3	72.4	-3.1%	12.7%
4	85.2	1.7%	7.8%
5	91.2	4.4%	4.8%
6	90.2	4.2%	-3.0%
7	83.4	-2.5%	-8.8%
8	91.3	-3.5%	-2.8%
9	87.0	-6.7%	1.8%
10	81.4	-5.5%	8.9%
11	78.1	-1.2%	13.9%
12	82.1	6.6%	4.4%
13	85.8	6.0%	-6.6%
14	76.9	6.1%	-15.8%
15	80.1	-2.0%	-10.9%
16	72.1	-8.8%	-17.7%



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