

LED Test Report

Product Mark

Product Type : F52-280-1208F2 21.6W

Manufacturer :

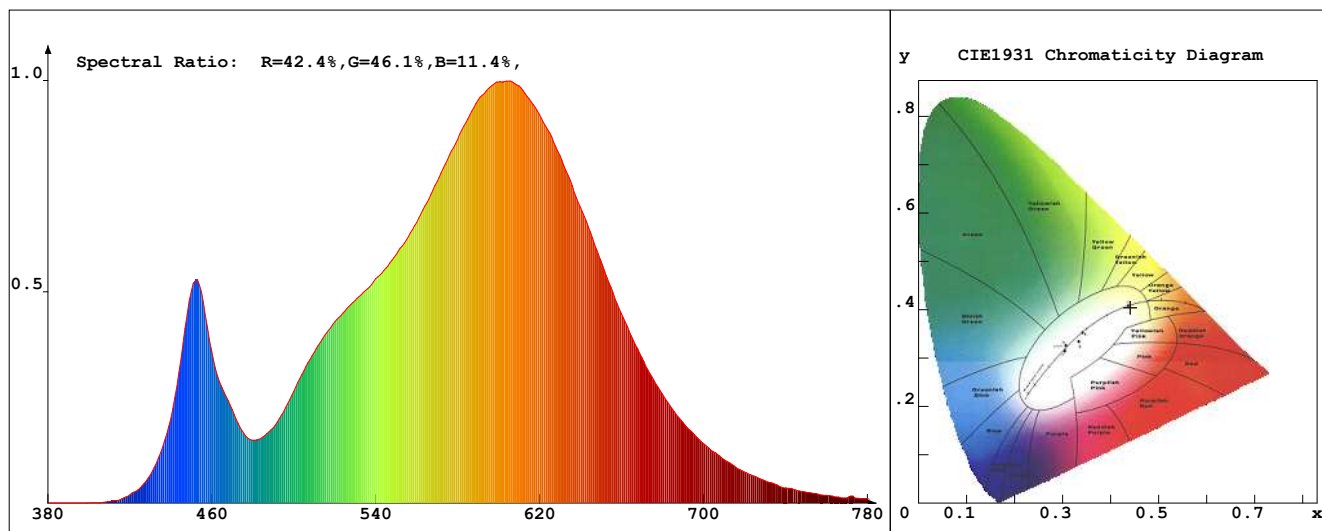
Temperature : 'C

Humidity : %

Operator :

Test Date : 15-04-21 15:41:36

Remark: BIN R30B LOTTO 426



Chroma Parameters

Chro.Coord.: $x=0.4412$ $y=0.4043$ $u=0.2532$ $v=0.3481$ $duv=-0.0005$

CCT: 2931K Dominant Wave.: 583.3nm Purity: 53.8% Centre Wave: 594.0nm

Flux RGB Ratio: $R=22.1\%$, $G=76.4\%$, $B=1.5\%$ Peak Wave: 603.8nm Half Width: 120.9nm

Rendering Index: $R_a=80.2$ CRI= 77.2

R1 =78	R2 =89	R3 =96	R4 =78	R5 =78	R6 =87	R7 =81	R8 =55
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R9 =-2	R10=75	R11=76	R12=67	R13=80	R14=99	R15=70	
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PPF: 31.517 $\mu\text{mol/s}$ (400-700nm)

PRF: 6.5mW (400-700nm)

PAR: 5.8mW (400-700nm)

Photo Parameters

Flux: 2346.41lm Effi.: 108.5lm/W Radiant: 6705.0mW Iv: 0.0mcd

Scotopic Flux: 3009.2Plm Effi.: 0.0Plm/W S/P: 1.3

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 32601.699 $\mu\text{mol/s}$ (380-780nm)

Ele. Parameters

Forward Current: $I_f=905.0\text{mA}$ Reverse Voltage: $V_r=5.00\text{V}$ Forward Voltage: $V_f=23.89\text{V}$ Reverse Current: $I_r=0.00\mu\text{A}$ Power: $P=21.611\text{W}$

Instrument state

Instrument: Lisun

Integral Time: 56.211ms

VPeak: 13288

VDark: 1421

Scan Range: 380-780nm

Product ID: 201508924

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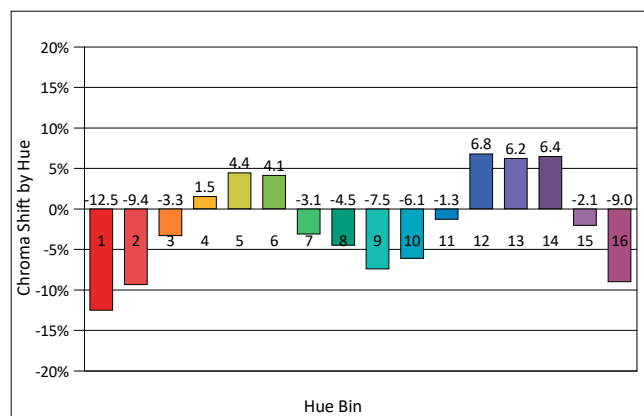
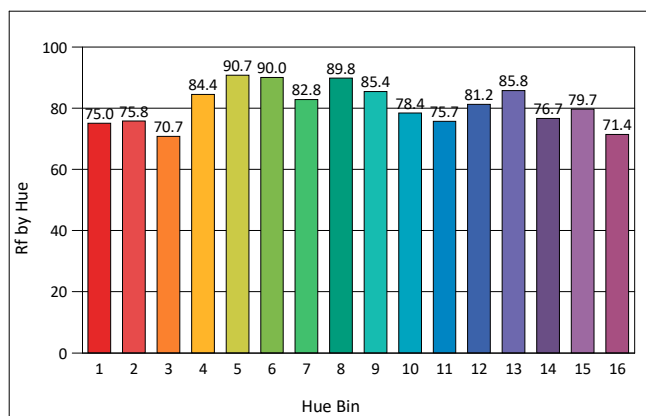
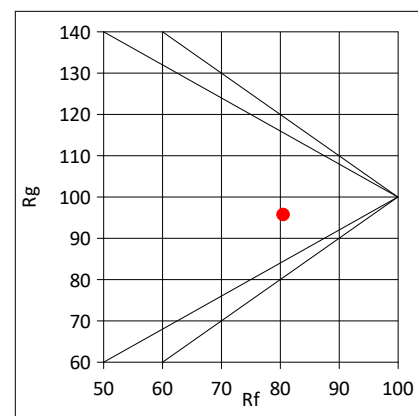
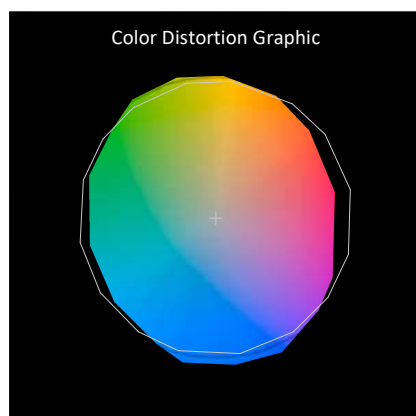
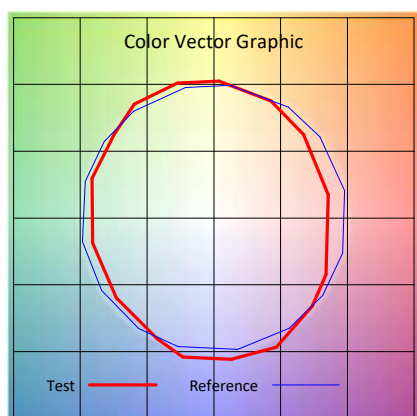
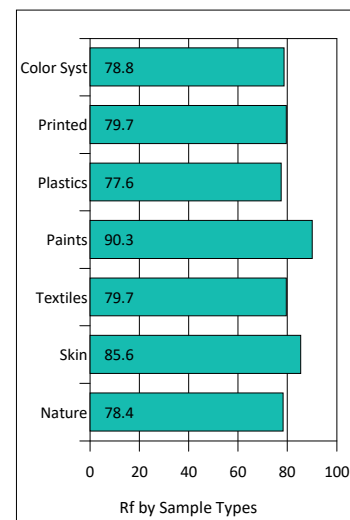
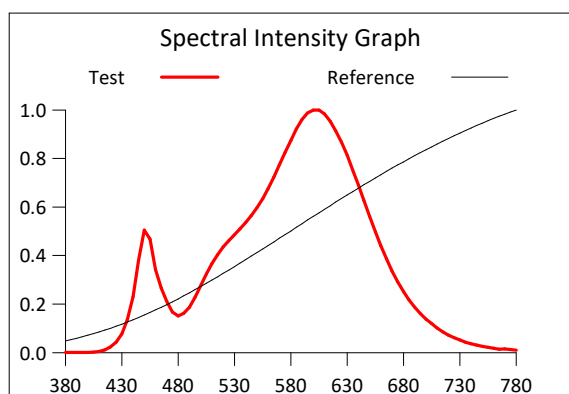
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Rf: 80.5 CCT(K): 2931 u': 0.2532
 Rg: 95.7 LER: 335.2 Duv: -0.0005 v': 0.3481

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	75.0	-12.5%	-0.7%
2	75.8	-9.4%	8.1%
3	70.7	-3.3%	13.5%
4	84.4	1.5%	8.4%
5	90.7	4.4%	5.1%
6	90.0	4.1%	-3.3%
7	82.8	-3.1%	-8.9%
8	89.8	-4.5%	-2.9%
9	85.4	-7.5%	2.6%
10	78.4	-6.1%	10.7%
11	75.7	-1.3%	15.6%
12	81.2	6.8%	5.4%
13	85.8	6.2%	-6.1%
14	76.7	6.4%	-15.6%
15	79.7	-2.1%	-11.1%
16	71.4	-9.0%	-18.0%



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