

LED Test Report

Product Mark

Product Type : F52-65s-1208F2/14.4 13W

Manufacturer :

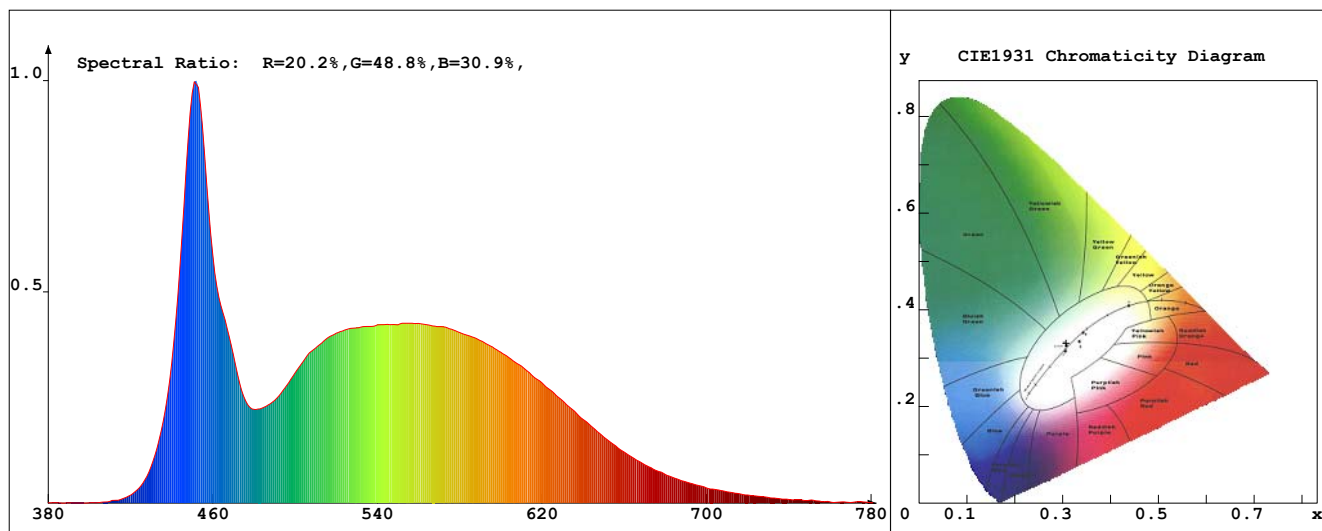
Temperature : 'C

Humidity : %

Operator :

Test Date : 2019-10-19

Remark: Bin: CT STEP3 Lotto: 387



Chroma Parameters

Chro.Coord.: $x=0.3071$ $y=0.3310$ $u=0.1932$ $v=0.3124$ $duv=0.0070$

CCT: 6799K Dominant Wave.: 490.6nm Purity: 9.0% Centre Wave: 451.8nm

Flux RGB Ratio: $R=12.1\%$, $G=83.7\%$, $B=4.1\%$ Peak Wave: 450.6nm Half Width: 19.1nm

Rendering Index: $R_a=82.1$ CRI= 77.2

$R_1=79$	$R_2=87$	$R_3=91$	$R_4=81$	$R_5=80$	$R_6=82$	$R_7=89$	$R_8=69$
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$R_9=0$	$R_{10}=68$	$R_{11}=80$	$R_{12}=55$	$R_{13}=81$	$R_{14}=96$	$R_{15}=74$
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PPF: 21.556 $\mu\text{mol/s}$ (400-700nm)

PRF: 4.8mW (400-700nm)

PAR: 4.0mW (400-700nm)

Photo Parameters

Flux: 1604.48lm Effi.: 123.2lm/W Radiant: 4869.6mW Iv: 0.0mcd

Scotopic Flux: 3687.7Plm Effi.: 0.0Plm/W S/P: 2.3

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 21879.699 $\mu\text{mol/s}$ (380-780nm)

Ele. Parameters

Forward Current: $I_f=545.0\text{mA}$ 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: $P=13.040\text{W}$

Instrument state

Instrument: -

Integral Time: 48.073ms

VPeak: 13672

VDark: 1060

Scan Range: 380-780nm

Product ID: 201508924

IES TM-30-2015 Test Report

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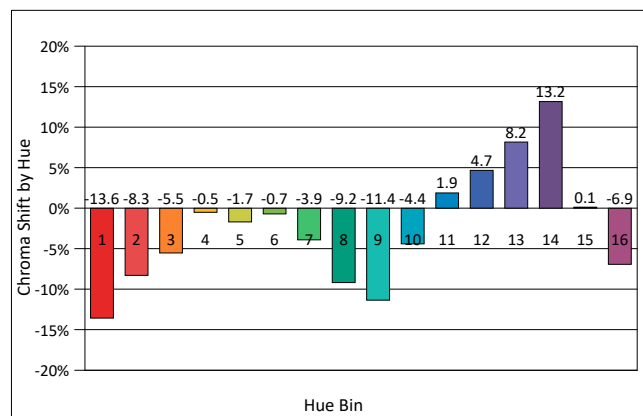
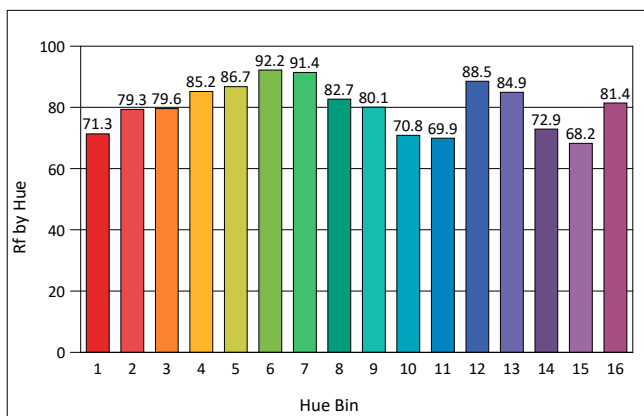
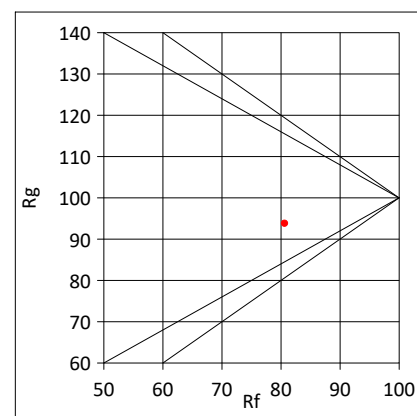
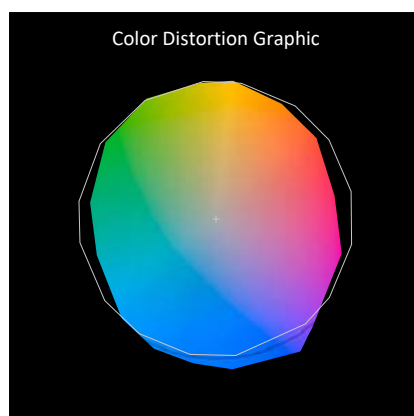
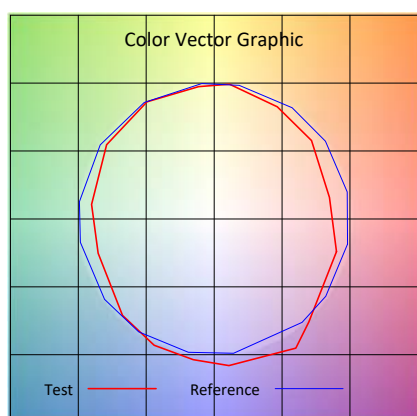
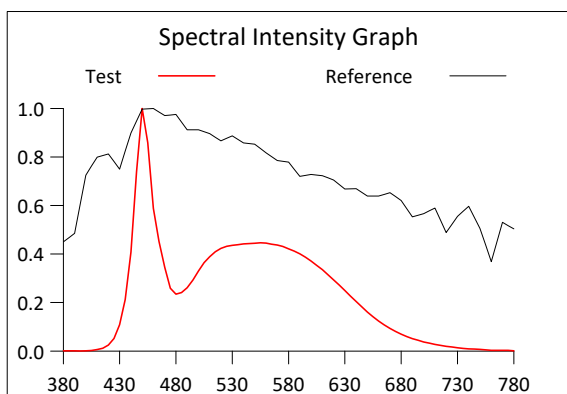
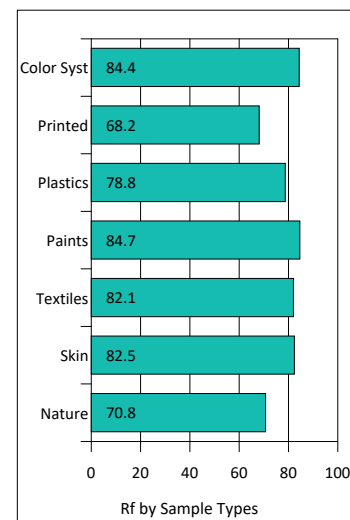
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Rf: 80.6 CCT(K): 6799 u': 0.1932
 Rg: 93.8 LER: 312.7 Duv: 0.0070 v': 0.3124

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	71.3	-13.6%	-1.4%
2	79.3	-8.3%	6.0%
3	79.6	-5.5%	9.5%
4	85.2	-0.5%	7.1%
5	86.7	-1.7%	2.7%
6	92.2	-0.7%	-1.9%
7	91.4	-3.9%	-2.7%
8	82.7	-9.2%	0.2%
9	80.1	-11.4%	10.5%
10	70.8	-4.4%	17.1%
11	69.9	1.9%	15.1%
12	88.5	4.7%	4.5%
13	84.9	8.2%	-5.1%
14	72.9	13.2%	-14.3%
15	68.2	0.1%	-22.8%
16	81.4	-6.9%	-7.1%



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