

LED Test Report

Product Mark

Product Type : F52-27s-1208F2/14.4 13W

Manufacturer :

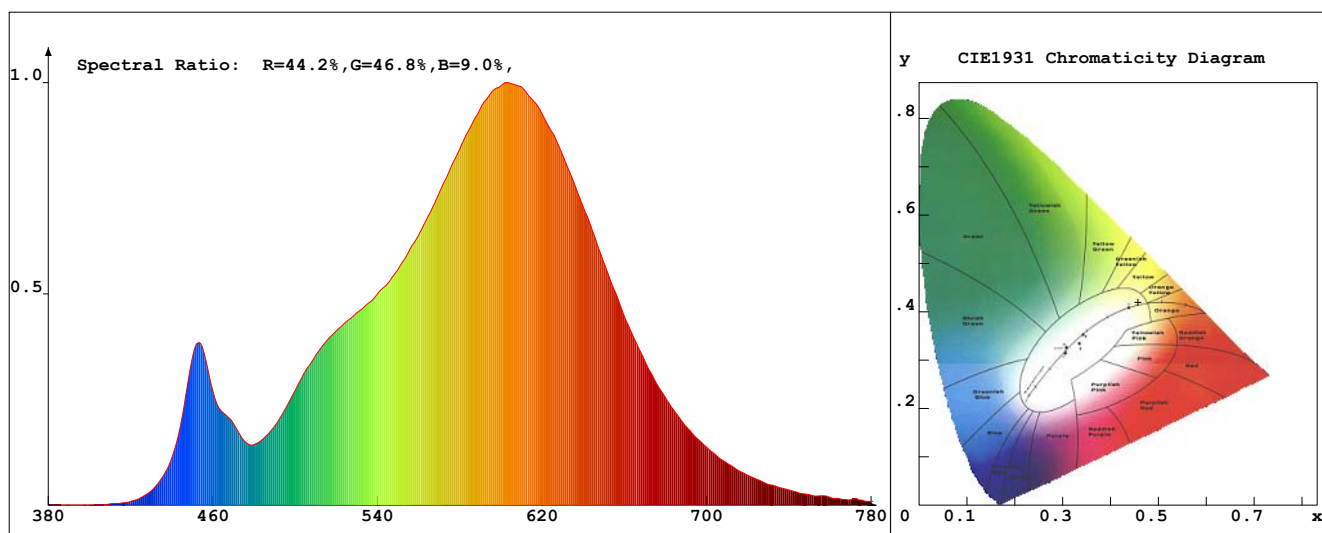
Temperature : 'C

Humidity : %

Operator :

Test Date : 2019-10-19

Remark: Bin: CT STEP3 Lotto: 387



Chroma Parameters

Chro.Coord.: x=0.4572 y=0.4196 u=0.2568 v=0.3536 duv=0.0036

CCT: 2806K Dominant Wave.: 582.6nm Purity: 63.2% Centre Wave: 597.3nm

Flux RGB Ratio: R=22.8%, G=75.9%, B=1.3% Peak Wave: 601.8nm Half Width: 115.5nm

Rendering Index: Ra= 80.1 CRI= 77.2

R1 =77 R2 =89 R3 =97 R4 =78 R5 =78 R6 =88 R7 =81 R8 =53

R9 =-5 R10=76 R11=77 R12=67 R13=80 R14=99 R15=68

PPF: 20.581umol/s (400-700nm)

PRF: 4.2mW (400-700nm)

PAR: 3.8mW (400-700nm)

Photo Parameters

Flux: 1520.97lm

Effi.: 117.0lm/W

Radiant: 4346.0mW

Iv: 0.0mcd

Scotopic Flux: 1860.0Plm

Effi.: 0.0Plm/W

S/P: 1.2

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 21282.801umol/s (380-780nm)

Ele. Parameters

Forward Current: If=546.0mA

Reverse Voltage: Vr=5.00V

Forward Voltage: Vf=23.80V

Reverse Current: Ir=0.00uA

Power: P=13.011W

Instrument state

Instrument: -

Integral Time: 96.147ms

VPeak: 14616

VDark: 1185

Scan Range: 380-780nm

Product ID: 201508924

IES TM-30-2015 Test Report

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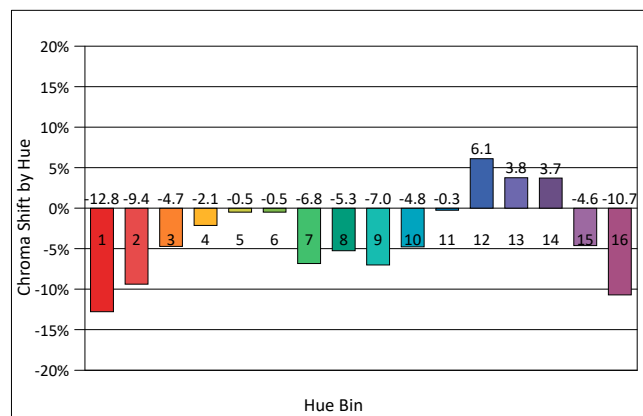
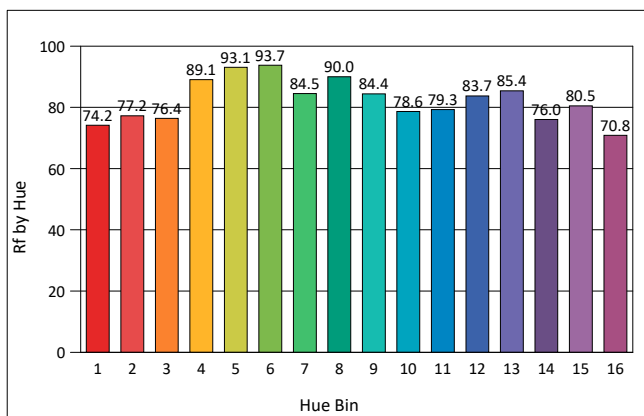
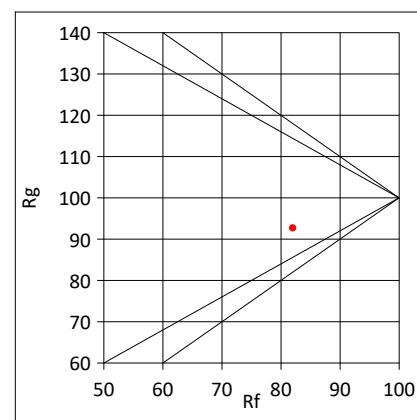
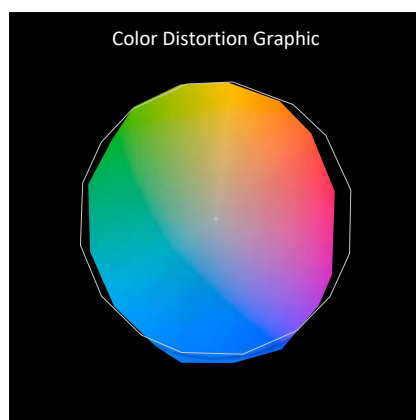
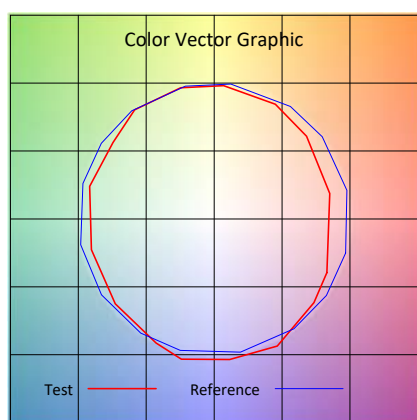
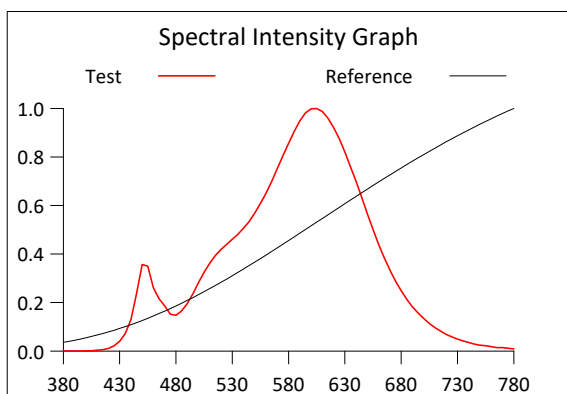
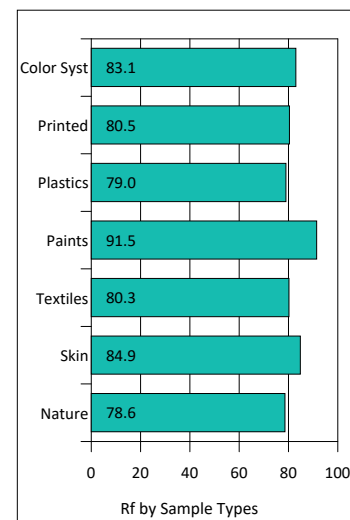
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Rf: 82.0 CCT(K): 2806 u': 0.2568
 Rg: 92.7 LER: 340.9 Duv: 0.0036 v': 0.3536

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	74.2	-12.8%	0.2%
2	77.2	-9.4%	6.7%
3	76.4	-4.7%	10.2%
4	89.1	-2.1%	4.9%
5	93.1	-0.5%	3.5%
6	93.7	-0.5%	-2.1%
7	84.5	-6.8%	-5.3%
8	90.0	-5.3%	1.0%
9	84.4	-7.0%	5.1%
10	78.6	-4.8%	11.2%
11	79.3	-0.3%	13.5%
12	83.7	6.1%	2.1%
13	85.4	3.8%	-8.8%
14	76.0	3.7%	-17.1%
15	80.5	-4.6%	-9.6%
16	70.8	-10.7%	-16.8%



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