

LED Test Report

Product Mark

Product Type : F52-30s-1208F2/14.4

Manufacturer :

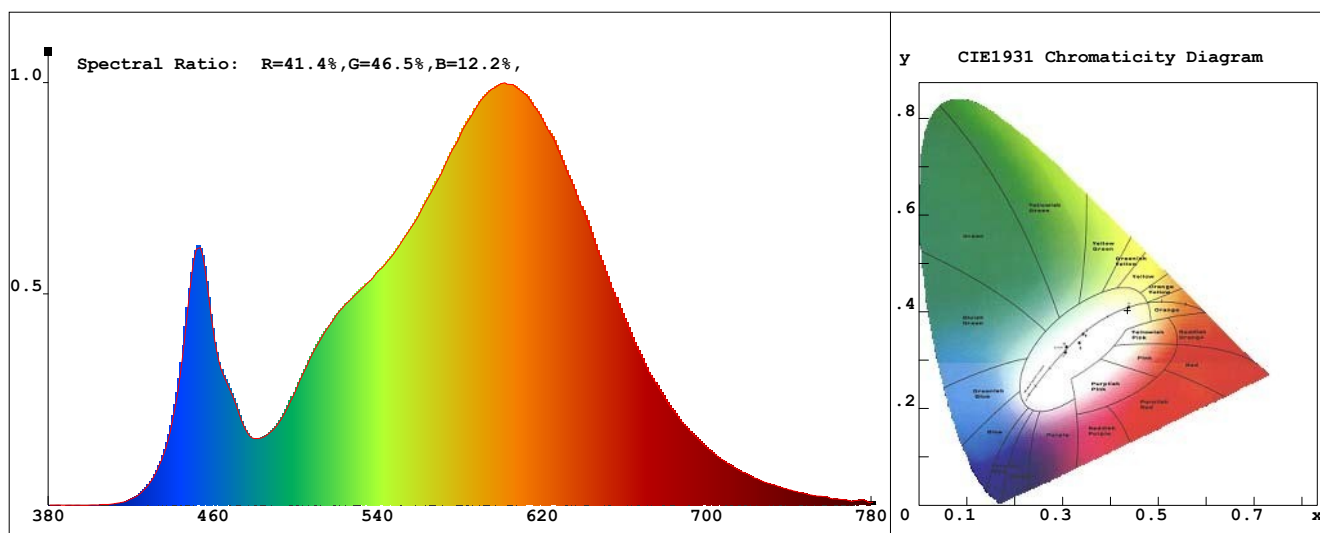
Temperature : -'C

Humidity : %

Operator :

Test Date : 2019-10-19

Remark: Bin: CT STEP3 Lotto: 372



Chroma Parameters

Chro.Coord.:x=0.4352 y=0.4025 u=0.2501 v=0.3470 duv=-0.0004

CCT: 3016K Dominant Wave.:582.9nm Purity:51.4% Centre Wave:591.6nm

Flux RGB Ratio:R=21.6%,G=76.8%,B=1.6% Peak Wave:600.7nm Half Width:125.4nm

Rendering Index:Ra= 80.3 CRI= 77.1

R1 =78 R2 =89 R3 =96 R4 =78 R5 =79 R6 =86 R7 =81 R8 =55

R9 =-1 R10=74 R11=76 R12=64 R13=80 R14=99 R15=71

PPF:21.296umol/s (400-700nm)

PRF:4.4mW (400-700nm)

PAR:3.9mW (400-700nm)

Photo Parameters

Flux:1413.640m Effi.:108.0lm/W Radiant:4538.1mW Iv:0.0mcd

Scotopic Flux:2073.7Plm Effi.:0.0Plm/W S/P:1.3

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:21995.801umol/s (380-780nm)

Ele. Parameters

Forward Current:If=552.0mA

Reverse Voltage:Vr=5.00V

Forward Voltage:Vf=23.71V

Reverse Current:Ir=0.00uA

Power:P=13.090W

Instrument state

Instrument: -

Integral Time: 88.765ms

VPeak: 13896

VDark: 1242

Scan Range: 380-780nm

Product ID: 201508924

IES TM-30-2015 Test Report

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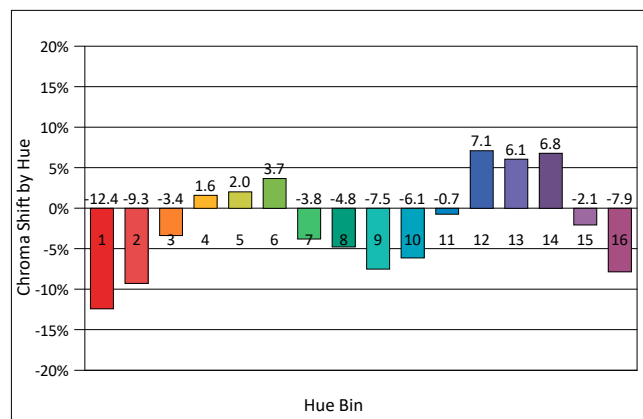
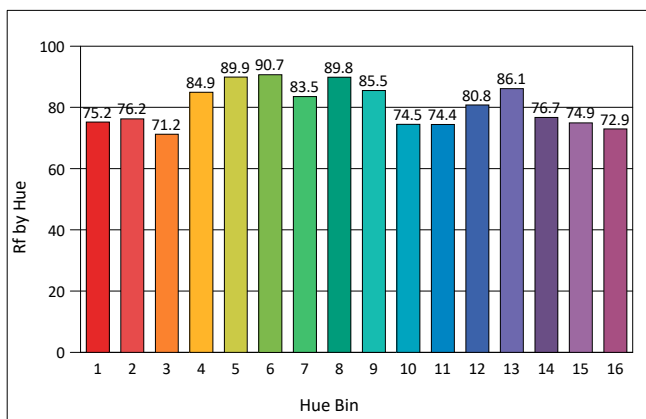
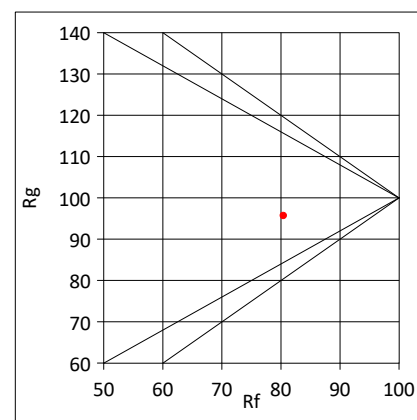
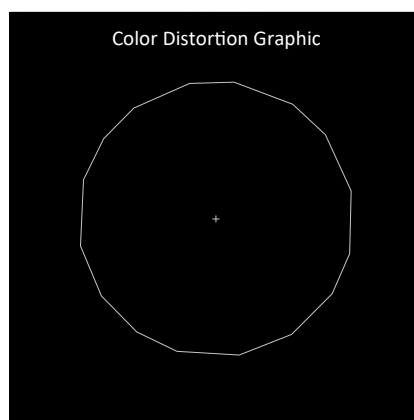
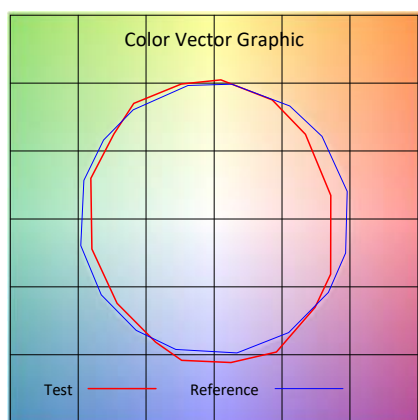
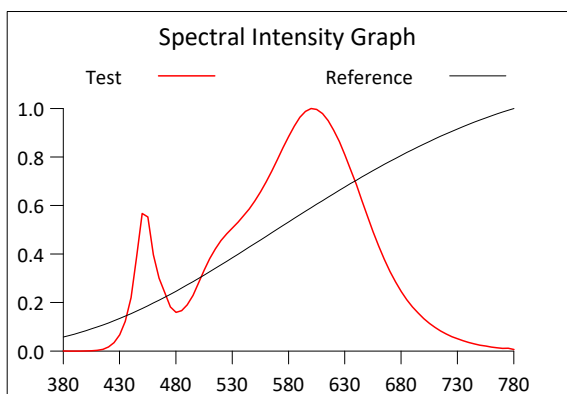
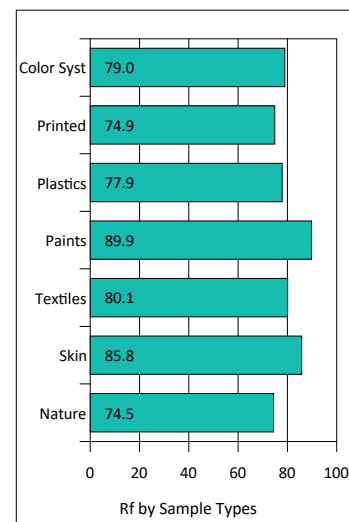
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Rf: 80.4 CCT(K): 3016 u': 0.2501
 Rg: 95.7 LER: 336.3 Duv: -0.0004 v': 0.3470

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	75.2	-12.4%	-0.5%
2	76.2	-9.3%	7.9%
3	71.2	-3.4%	13.2%
4	84.9	1.6%	8.5%
5	89.9	2.0%	4.7%
6	90.7	3.7%	-3.1%
7	83.5	-3.8%	-8.0%
8	89.8	-4.8%	-2.4%
9	85.5	-7.5%	4.1%
10	74.5	-6.1%	11.7%
11	74.4	-0.7%	16.7%
12	80.8	7.1%	5.8%
13	86.1	6.1%	-5.7%
14	76.7	6.8%	-15.4%
15	74.9	-2.1%	-14.5%
16	72.9	-7.9%	-17.3%



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