

LED Test Report

Product Mark

Product Type : F52-30s-240DF2 17.3W

Manufacturer :

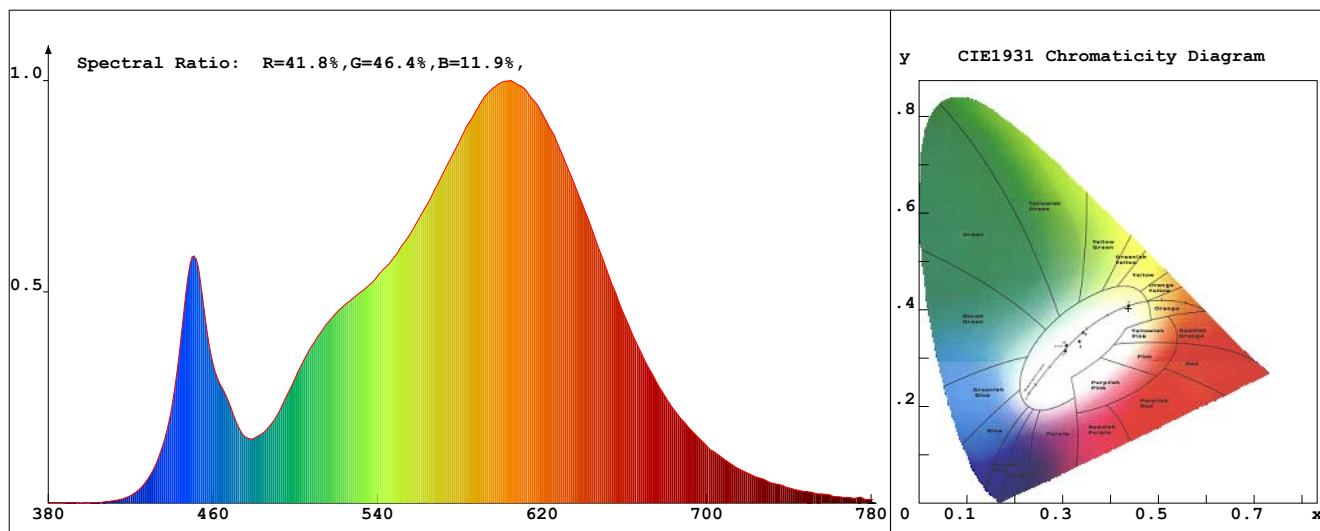
Temperature : 'C

Humidity : %

Operator :

Test Date : 2019-10-19

Remark: Bin: CT STEP3 Lotto: 374



Chroma Parameters

Chro.Coord.: $x=0.4368$ $y=0.4025$ $u=0.2512$ $v=0.3472$ $duv=-0.0006$

CCT: 2989K Dominant Wave.: 583.1nm Purity: 51.9% Centre Wave: 593.0nm

Flux RGB Ratio: $R=21.9\%$, $G=76.5\%$, $B=1.5\%$ Peak Wave: 602.8nm Half Width: 122.9nm

Rendering Index: $R_a=81.4$ CRI= 78.4

R1 =79	R2 =90	R3 =96	R4 =80	R5 =80	R6 =88	R7 =82	R8 =57
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R9 =1	R10=77	R11=79	R12=69	R13=82	R14=99	R15=72	
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PPF: 28.225 $\mu\text{mol/s}$ (400-700nm)

PRF: 5.9mW (400-700nm)

PAR: 5.2mW (400-700nm)

Photo Parameters

Flux: 2077.26lm Effi.: 120.1lm/W Radiant: 6012.2mW Iv: 0.0mcd

Scotopic Flux: 2740.5Plm Effi.: 0.0Plm/W S/P: 1.3

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 29154.000 $\mu\text{mol/s}$ (380-780nm)

Ele. Parameters

Forward Current: $I_f=726.0\text{mA}$ Reverse Voltage: $V_r=5.00\text{V}$ Forward Voltage: $V_f=23.82\text{V}$ Reverse Current: $I_r=0.00\mu\text{A}$ Power: $P=17.320\text{W}$

Instrument state

Instrument: -

Integral Time: 73.911ms

VPeak: 15016

VDark: 1242

Scan Range: 380-780nm

Product ID: 201508924

IES TM-30-2015 Test Report

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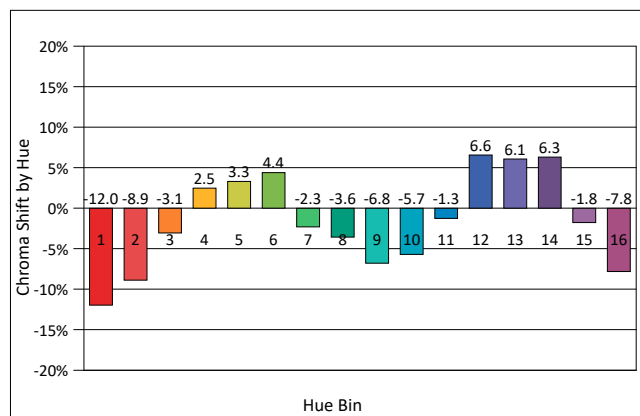
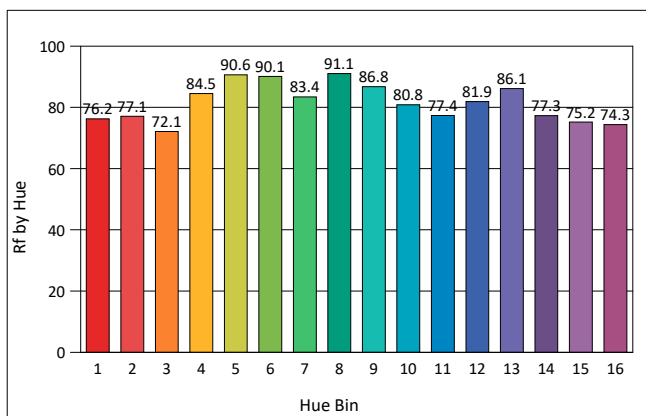
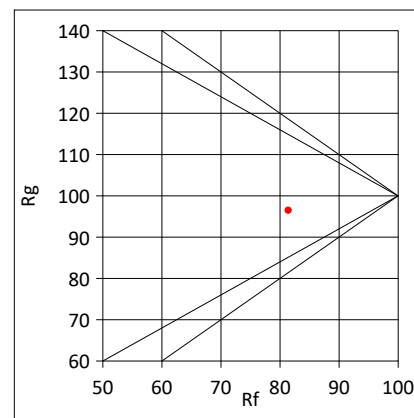
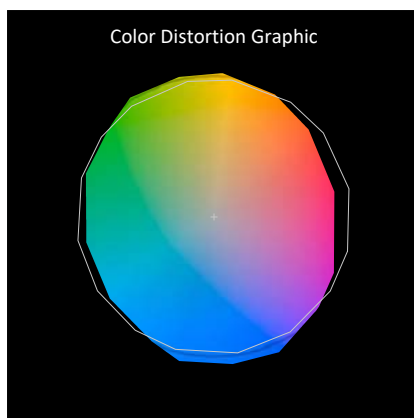
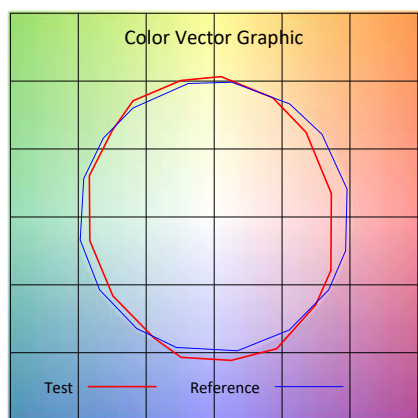
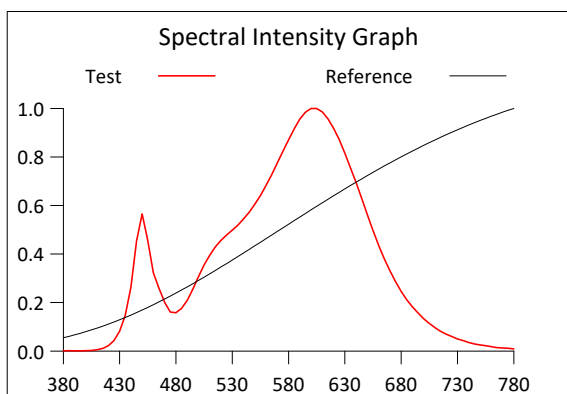
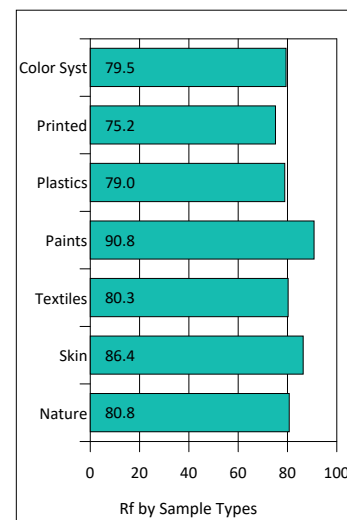
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Rf: 81.4 CCT(K): 2989 u': 0.2512
 Rg: 96.5 LER: 334.6 Duv: -0.0006 v': 0.3472

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	76.2	-12.0%	-0.9%
2	77.1	-8.9%	7.7%
3	72.1	-3.1%	12.9%
4	84.5	2.5%	8.6%
5	90.6	3.3%	4.7%
6	90.1	4.4%	-3.0%
7	83.4	-2.3%	-8.8%
8	91.1	-3.6%	-2.9%
9	86.8	-6.8%	1.8%
10	80.8	-5.7%	9.2%
11	77.4	-1.3%	14.4%
12	81.9	6.6%	5.0%
13	86.1	6.1%	-6.0%
14	77.3	6.3%	-15.3%
15	75.2	-1.8%	-14.5%
16	74.3	-7.8%	-16.4%



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