

LED Test Report

Product Mark

Product Type : F52-30s-x240DF2/20 18W

Manufacturer :

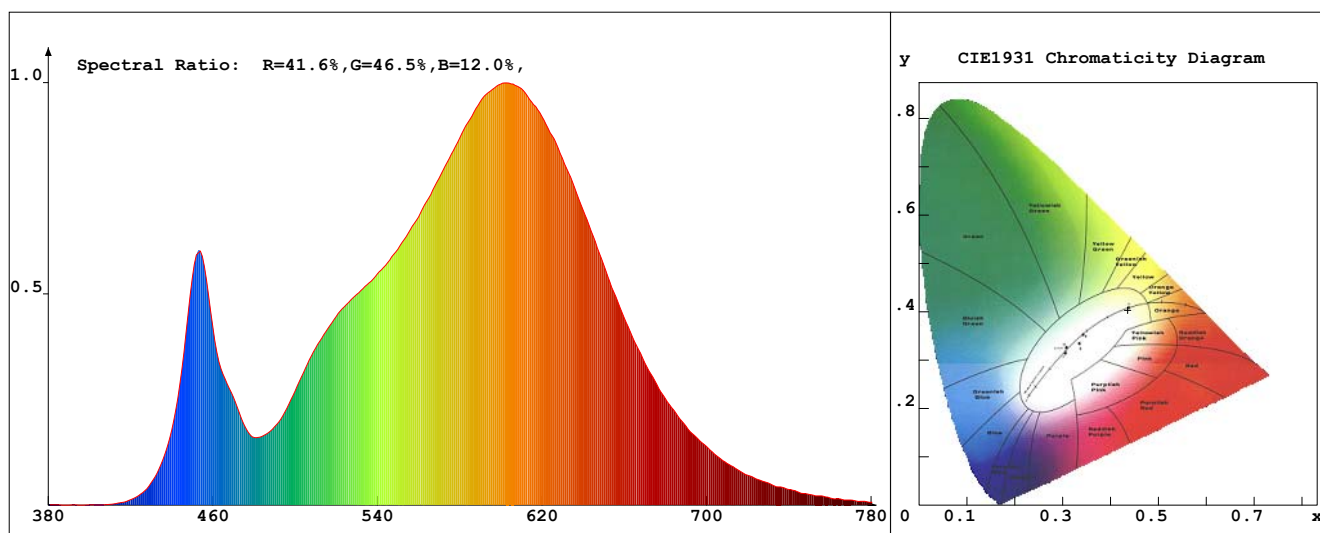
Temperature : 'C

Humidity : %

Operator :

Test Date : 2019-10-19

Remark: Bin: CT STEP3 Lotto: 376



Chroma Parameters

Chro.Coord.: $x=0.4361$ $y=0.4030$ $u=0.2505$ $v=0.3472$ $duv=-0.0003$

CCT: 3004K Dominant Wave.: 582.9nm Purity: 51.9% Centre Wave: 591.9nm

Flux RGB Ratio: $R=21.7\%$, $G=76.7\%$, $B=1.6\%$ Peak Wave: 600.7nm Half Width: 124.7nm

Rendering Index: $R_a=80.6$ CRI= 77.4

$R_1=79$	$R_2=89$	$R_3=96$	$R_4=78$	$R_5=79$	$R_6=87$	$R_7=82$	$R_8=56$
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$R_9=-0$	$R_{10}=75$	$R_{11}=77$	$R_{12}=65$	$R_{13}=81$	$R_{14}=98$	$R_{15}=71$
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PPF: 38.878 $\mu\text{mol/s}$ (400-700nm)

PRF: 8.1mW (400-700nm)

PAR: 7.2mW (400-700nm)

Photo Parameters

Flux: 2867.19lm Effi.: 159.3lm/W Radiant: 8277.0mW Iv: 0.0mcd

Scotopic Flux: 3776.7Plm Effi.: 0.0Plm/W S/P: 1.3

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 40143.102 $\mu\text{mol/s}$ (380-780nm)

Ele. Parameters

Forward Current: $I_f=752.0\text{mA}$ Reverse Voltage: $V_r=5.00\text{V}$ Forward Voltage: $V_f=23.94\text{V}$ Reverse Current: $I_r=0.00\mu\text{A}$ Power: $P=18.021\text{W}$

Instrument state

Instrument: -

Integral Time: 51.067ms

VPeak: 14408

VDark: 1229

Scan Range: 380-780nm

Product ID: 201508924

IES TM-30-2015 Test Report

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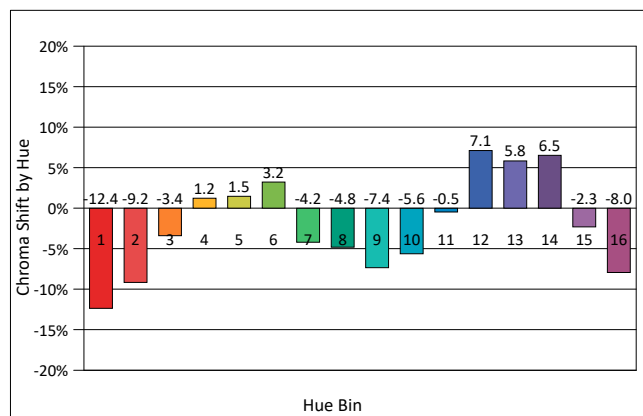
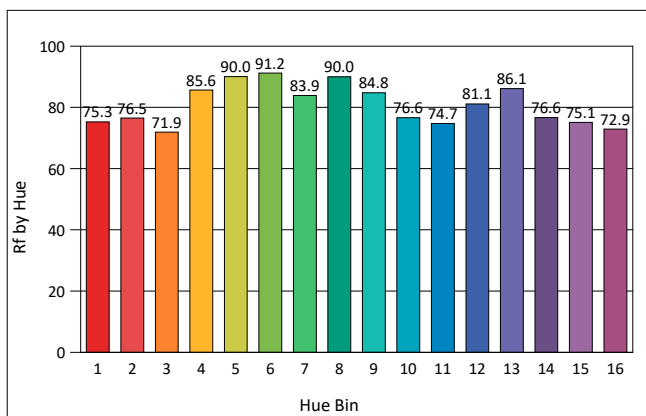
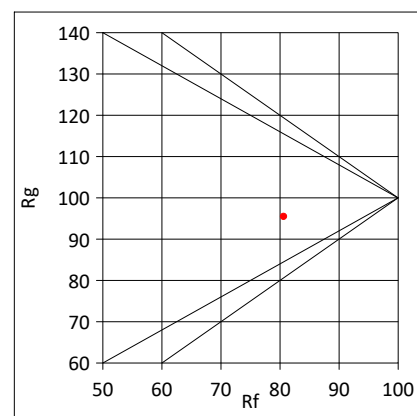
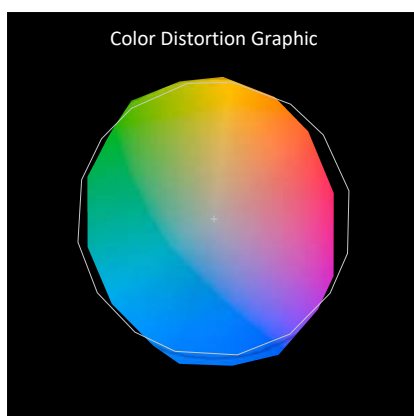
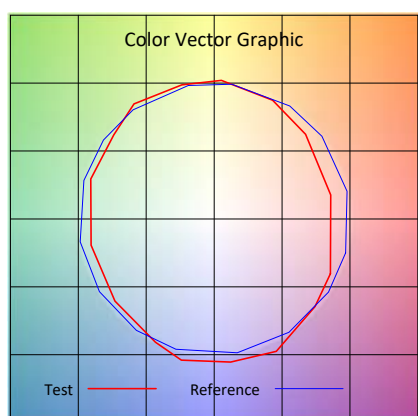
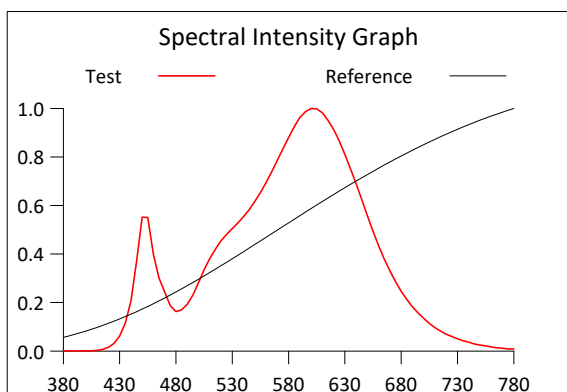
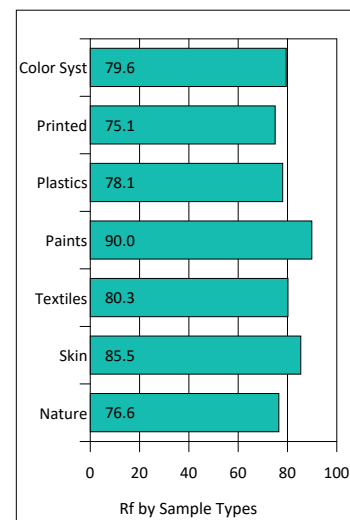
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Rf: 80.6 CCT(K): 3004 u': 0.2505
 Rg: 95.5 LER: 336.4 Duv: -0.0003 v': 0.3472

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	75.3	-12.4%	-0.3%
2	76.5	-9.2%	7.7%
3	71.9	-3.4%	12.8%
4	85.6	1.2%	8.0%
5	90.0	1.5%	4.4%
6	91.2	3.2%	-3.0%
7	83.9	-4.2%	-7.5%
8	90.0	-4.8%	-2.0%
9	84.8	-7.4%	3.9%
10	76.6	-5.6%	12.2%
11	74.7	-0.5%	16.5%
12	81.1	7.1%	5.5%
13	86.1	5.8%	-6.1%
14	76.6	6.5%	-15.6%
15	75.1	-2.3%	-14.3%
16	72.9	-8.0%	-17.2%



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