

LED Test Report

Product Mark

Product Type : F52-30s-120822 21.6W

Manufacturer :

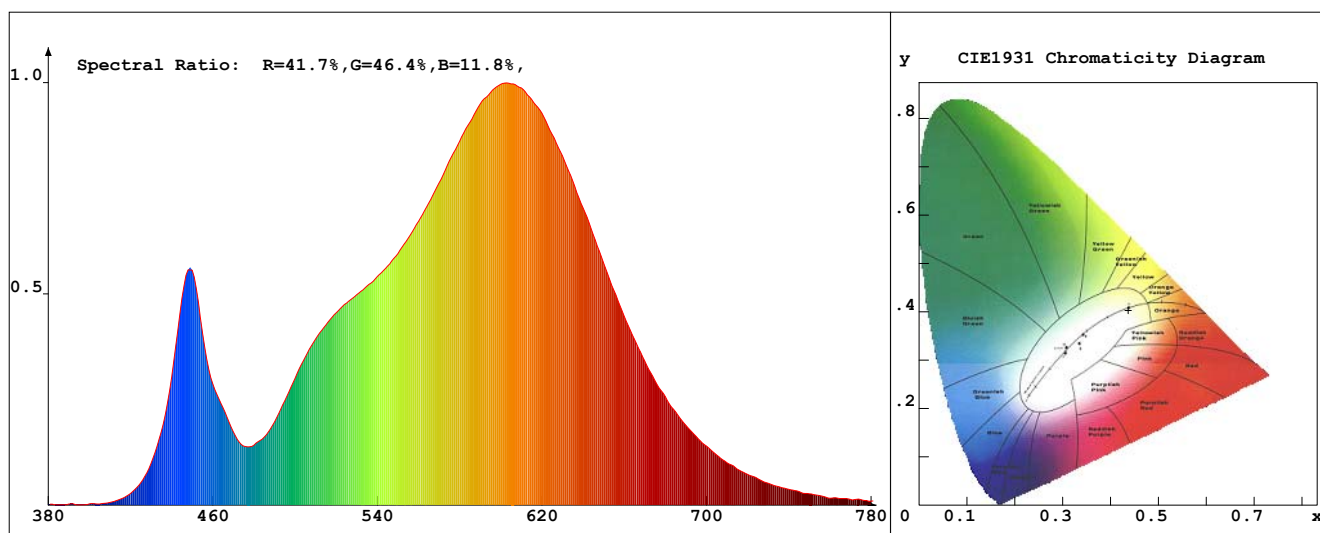
Temperature : 'C

Humidity : %

Operator :

Test Date : 2019-10-19

Remark: Bin: 3WS Lotto: 369



Chroma Parameters

Chro.Coord.: x=0.4369 y=0.4028 u=0.2511 v=0.3473 duv=-0.0005

CCT: 2990K Dominant Wave.: 583.0nm Purity: 52.1% Centre Wave: 592.0nm

Flux RGB Ratio: R=21.9%, G=76.7%, B=1.4% Peak Wave: 600.7nm Half Width: 125.0nm

Rendering Index: Ra= 81.3 CRI= 78.4

R1 =79 R2 =89 R3 =97 R4 =80 R5 =80 R6 =87 R7 =82 R8 =57

R9 =1 R10=75 R11=80 R12=70 R13=81 R14=98 R15=71

PPF: 33.702umol/s (400-700nm)

PRF: 7.0mW (400-700nm)

PAR: 6.2mW (400-700nm)

Photo Parameters

Flux: 2465.79lm Effi.: 114.1lm/W Radiant: 7186.1mW Iv: 0.0mcd

Scotopic Flux: 3231.0Plm Effi.: 0.0Plm/W S/P: 1.3

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 34835.000umol/s (380-780nm)

Ele. Parameters

Forward Current: If=895.0mA

Reverse Voltage: Vr=5.00V

Forward Voltage: Vf=24.14V

Reverse Current: Ir=0.00uA

Power: P=21.611W

Instrument state

Instrument: -

Integral Time: 56.575ms

VPeak: 13864

VDark: 1206

Scan Range: 380-780nm

Product ID: 201508924

IES TM-30-2015 Test Report

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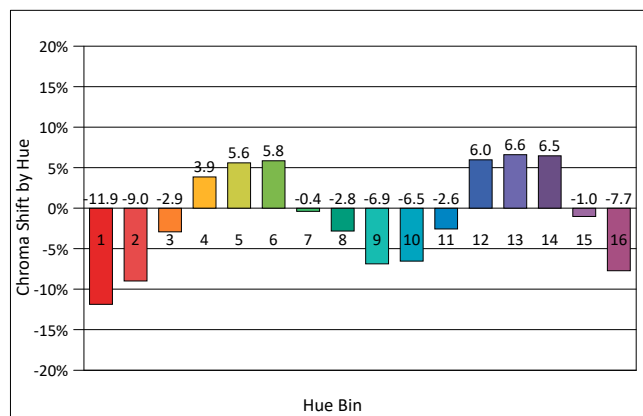
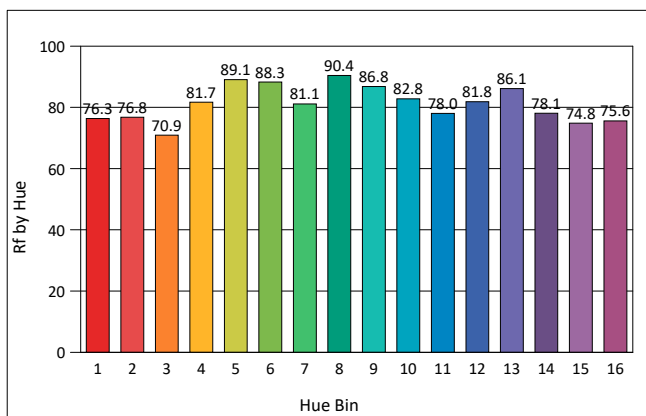
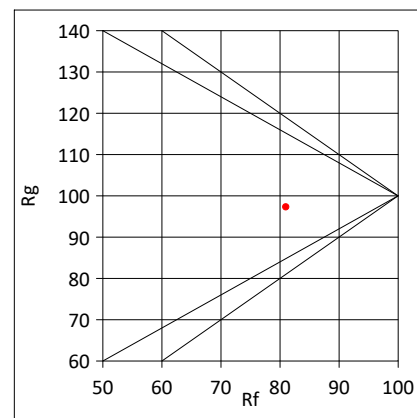
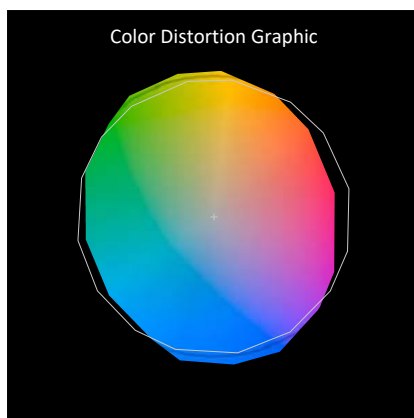
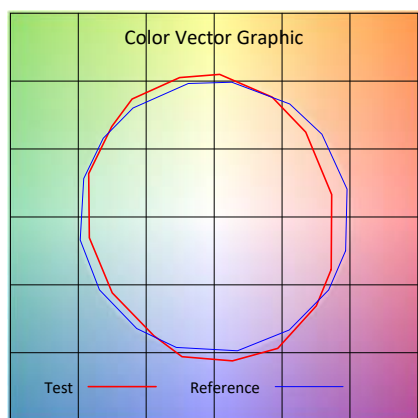
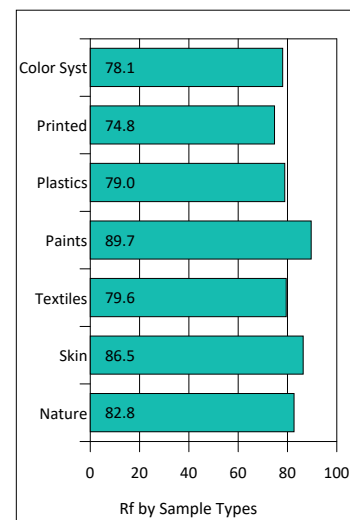
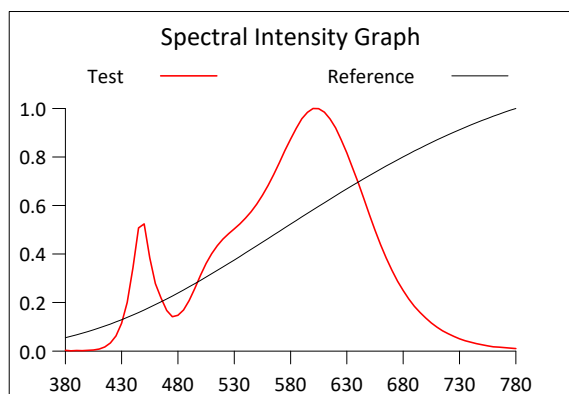
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Rf: 81.0 CCT(K): 2990 u': 0.2511
 Rg: 97.3 LER: 334.2 Duv: -0.0005 v': 0.3473

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	76.3	-11.9%	-1.7%
2	76.8	-9.0%	7.9%
3	70.9	-2.9%	13.5%
4	81.7	3.9%	9.9%
5	89.1	5.6%	5.4%
6	88.3	5.8%	-3.0%
7	81.1	-0.4%	-10.6%
8	90.4	-2.8%	-4.3%
9	86.8	-6.9%	-0.3%
10	82.8	-6.5%	7.1%
11	78.0	-2.6%	13.4%
12	81.8	6.0%	5.5%
13	86.1	6.6%	-5.1%
14	78.1	6.5%	-14.6%
15	74.8	-1.0%	-14.8%
16	75.6	-7.7%	-15.7%



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