

LED Test Report

Product Mark

Product Type : F52-30s-x1288F2/11 9.9W

Manufacturer :

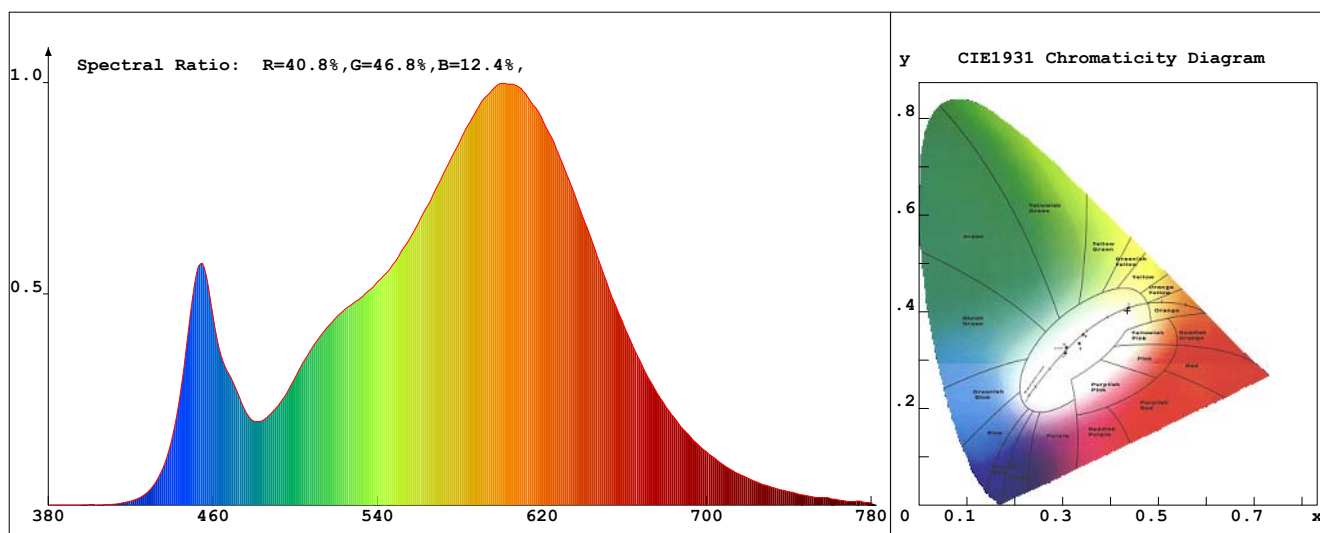
Temperature : 'C

Humidity : %

Operator :

Test Date : 2019-10-19

Remark: Bin: MV STEP3 Lotto: 302



Chroma Parameters

Chro.Coord.: x=0.4349 y=0.4023 u=0.2500 v=0.3469 duv=-0.0004

CCT: 3021K Dominant Wave.: 582.9nm Purity: 51.3% Centre Wave: 593.0nm

Flux RGB Ratio: R=21.7%, G=76.5%, B=1.8% Peak Wave: 599.7nm Half Width: 118.9nm

Rendering Index: Ra= 81.1 CRI= 78.5

R1 =79 R2 =91 R3 =95 R4 =78 R5 =80 R6 =90 R7 =81 R8 =55

R9 =-1 R10=80 R11=77 R12=69 R13=82 R14=98 R15=72

PPF: 20.484 $\mu\text{mol/s}$ (400-700nm)

PRF: 4.3mW (400-700nm)

PAR: 3.8mW (400-700nm)

Photo Parameters

Flux: 1519.56lm Effi.: 153.3lm/W Radiant: 4357.2mW Iv: 0.0mcd

Scotopic Flux: 2059.3Plm Effi.: 0.0Plm/W S/P: 1.4

Efficiency: 0.00

Effi Level: A++ (EU 874-2012) Photon Flux: 21080.699 $\mu\text{mol/s}$ (380-780nm)

Ele. Parameters

Forward Current: If=408.0mA

Reverse Voltage: Vr=5.00V

Forward Voltage: Vf=24.29V

Reverse Current: Ir=0.00uA

Power: P=9.931W

Instrument state

Instrument: -

Integral Time: 103.879ms

VPeak: 15256

VDark: 1103

Scan Range: 380-780nm

Product ID: 201508924

IES TM-30-2015 Test Report

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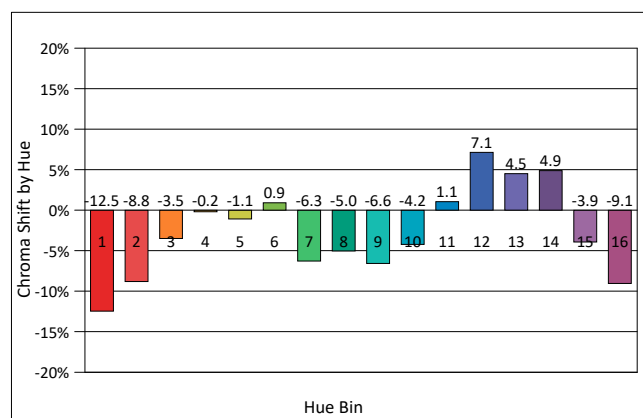
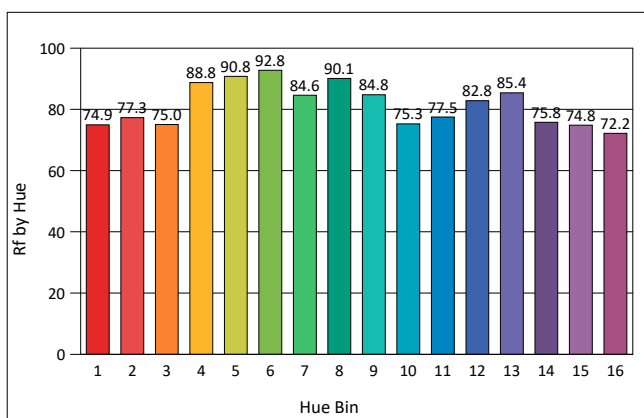
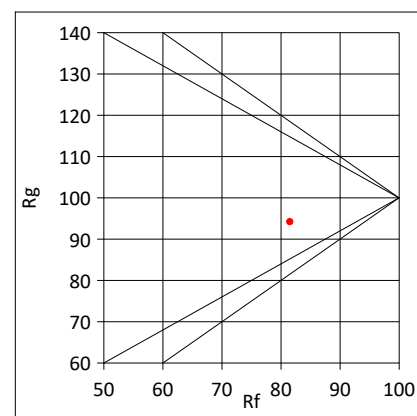
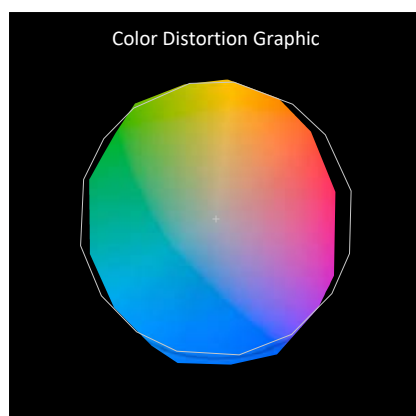
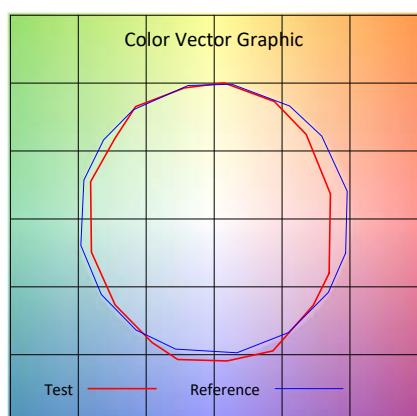
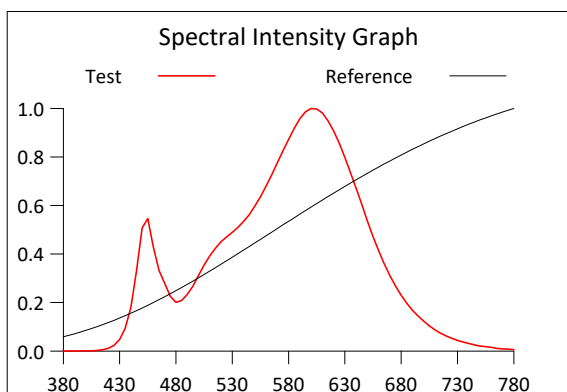
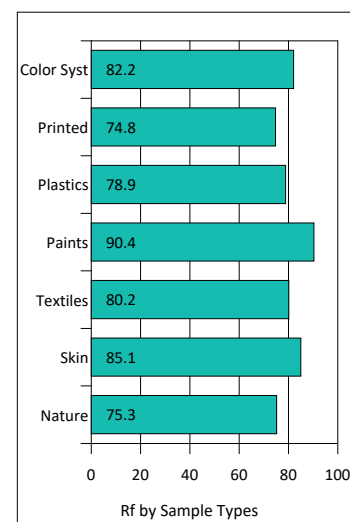
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Rf: 81.5 CCT(K): 3021 u': 0.2500
 Rg: 94.2 LER: 337.1 Duv: -0.0004 v': 0.3469

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	74.9	-12.5%	0.6%
2	77.3	-8.8%	7.4%
3	75.0	-3.5%	11.2%
4	88.8	-0.2%	5.7%
5	90.8	-1.1%	3.0%
6	92.8	0.9%	-2.8%
7	84.6	-6.3%	-5.2%
8	90.1	-5.0%	0.2%
9	84.8	-6.6%	6.4%
10	75.3	-4.2%	12.0%
11	77.5	1.1%	14.8%
12	82.8	7.1%	3.0%
13	85.4	4.5%	-8.2%
14	75.8	4.9%	-17.1%
15	74.8	-3.9%	-14.0%
16	72.2	-9.1%	-16.9%



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