

LED Test Report

Product Mark

Product Type : F52-40s-x1288F2/11 9.9W

Manufacturer :

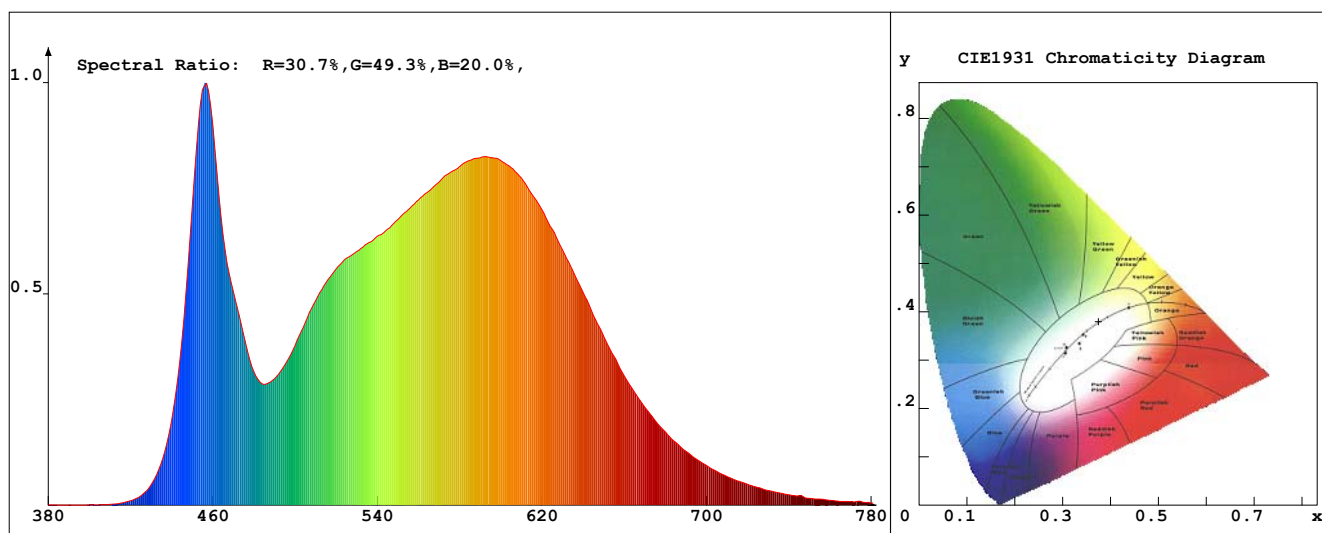
Temperature : 'C

Humidity : %

Operator :

Test Date : 2019-10-19

Remark: Bin: MV STEP3 Lotto: 302



Chroma Parameters

Chro.Coord.:x=0.3746 y=0.3796 u=0.2202 v=0.3346 duv=0.0031

CCT: 4182K Dominant Wave.:576.6nm Purity:26.3% Centre Wave:457.6nm

Flux RGB Ratio:R=16.8%,G=80.4%,B=2.9% Peak Wave:455.8nm Half Width:23.5nm

Rendering Index:Ra= 82.1 CRI= 78.0

R1 =80 R2 =90 R3 =96 R4 =78 R5 =80 R6 =86 R7 =85 R8 =62

R9 =3 R10=76 R11=77 R12=56 R13=83 R14=98 R15=74

PPF:21.147umol/s (400-700nm)

PRF:4.5mW (400-700nm)

PAR:3.9mW (400-700nm)

Photo Parameters

Flux:1615.63lm Effi.:162.9lm/W Radiant:4614.8mW Iv:0.0mcd

Scotopic Flux:2839.8Plm Effi.:0.0Plm/W S/P:1.8

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:21633.000umol/s (380-780nm)

Ele. Parameters

Forward Current:If=410.0mA

Reverse Voltage:Vr=5.00V

Forward Voltage:Vf=24.19V

Reverse Current:Ir=0.00uA

Power:P=9.931W

Instrument state

Instrument: -

Integral Time: 88.516ms

VPeak: 14376

VDark: 1091

Scan Range: 380-780nm

Product ID: 201508924

IES TM-30-2015 Test Report

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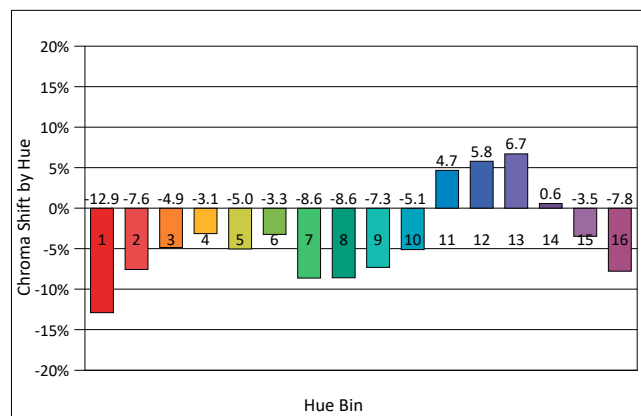
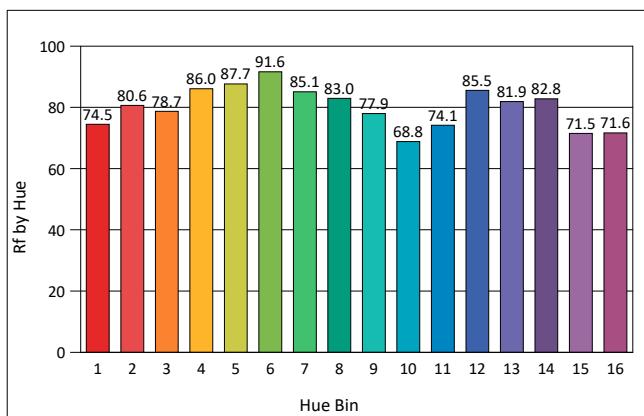
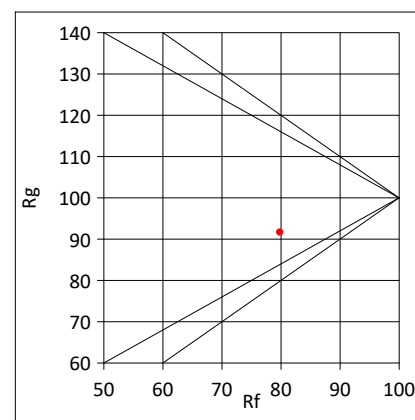
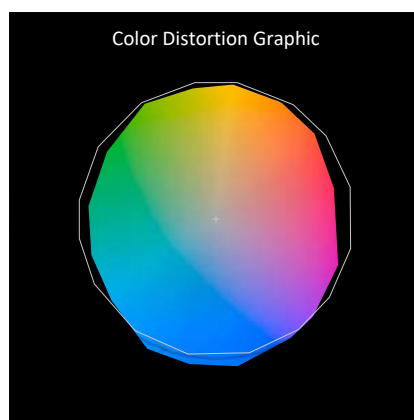
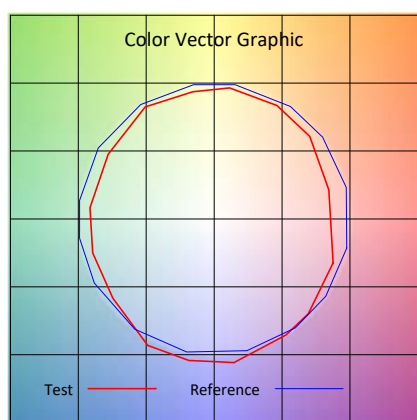
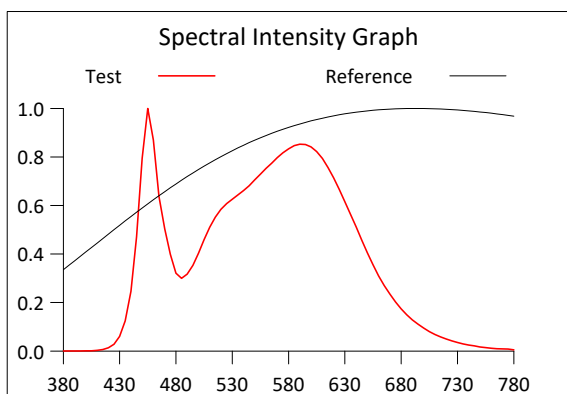
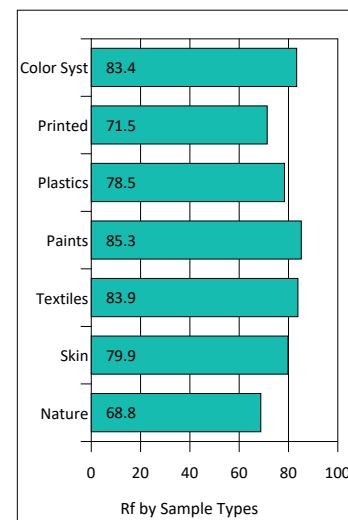
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Rf: 79.8 CCT(K): 4182 u': 0.2202
 Rg: 91.7 LER: 335.9 Duv: 0.0031 v': 0.3346

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	74.5	-12.9%	0.9%
2	80.6	-7.6%	5.6%
3	78.7	-4.9%	8.6%
4	86.0	-3.1%	3.6%
5	87.7	-5.0%	1.4%
6	91.6	-3.3%	-1.8%
7	85.1	-8.6%	-0.3%
8	83.0	-8.6%	3.9%
9	77.9	-7.3%	12.5%
10	68.8	-5.1%	16.8%
11	74.1	4.7%	14.8%
12	85.5	5.8%	2.8%
13	81.9	6.7%	-10.9%
14	82.8	0.6%	-8.7%
15	71.5	-3.5%	-17.8%
16	71.6	-7.8%	-12.6%



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