

LED Test Report

Product Mark

Product Type : F52-35s-1208F2/14.4

Manufacturer :

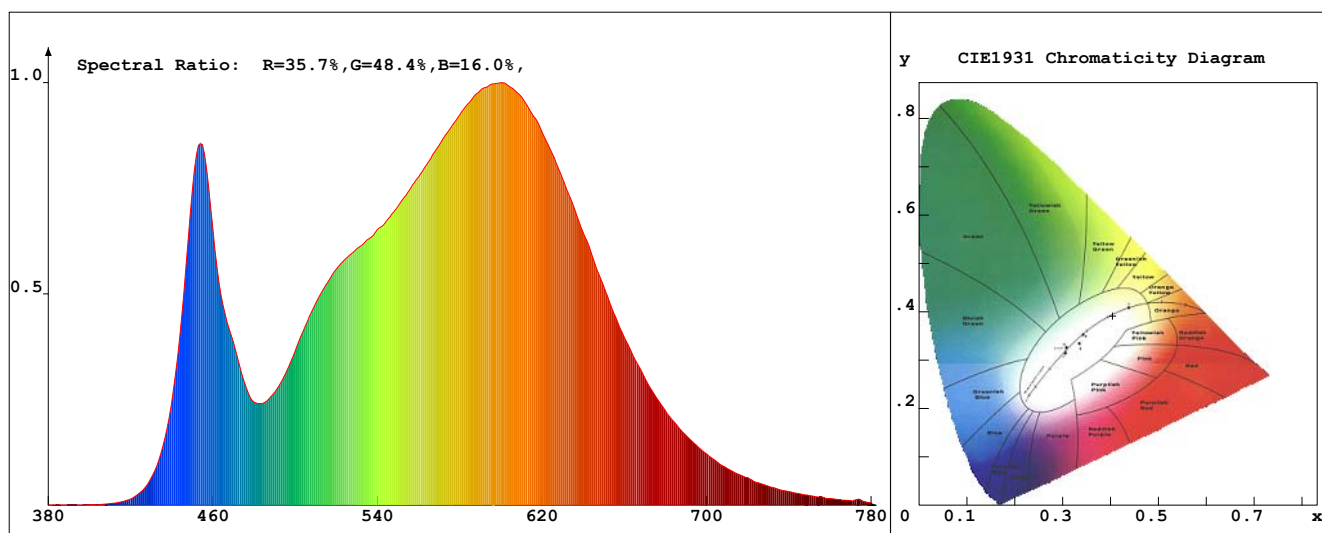
Temperature : 'C

Humidity : %

Operator :

Test Date : 2019-10-19

Remark: Bin: MV STEP3 Lotto: 389



Chroma Parameters

Chro.Coord.:x=0.4041 y=0.3913 u=0.2347 v=0.3409 duv=0.0005

CCT: 3531K Dominant Wave.:580.5nm Purity:38.7% Centre Wave:580.8nm

Flux RGB Ratio:R=19.1%,G=78.8%,B=2.2% Peak Wave:598.7nm Half Width:139.1nm

Rendering Index:Ra= 81.6 CRI= 78.0

R1 =80 R2 =89 R3 =96 R4 =79 R5 =80 R6 =86 R7 =83 R8 =59

R9 =1 R10=75 R11=78 R12=62 R13=82 R14=98 R15=73

PPF:21.191umol/s (400-700nm) PRF:4.5mW (400-700nm) PAR:3.9mW (400-700nm)

Photo Parameters

Flux:1598.03lm Effi.:122.8lm/W Radiant:4568.8mW Iv:0.0mcd

Scotopic Flux:2445.7Plm Effi.:0.0Plm/W S/P:1.5

Efficiency:0.00 Effi Level:A++ (EU 874-2012) Photon Flux:21760.100umol/s (380-780nm)

Ele. Parameters

Forward Current:If=547.0mA

Reverse Voltage:Vr=5.00V

Forward Voltage:Vf=23.79V

Reverse Current:Ir=0.00uA

Power:P=13.031W

Instrument state

Instrument: -

Integral Time: 96.147ms

VPeak: 14360

VDark: 1054

Scan Range: 380-780nm

Product ID: 201508924

IES TM-30-2015 Test Report

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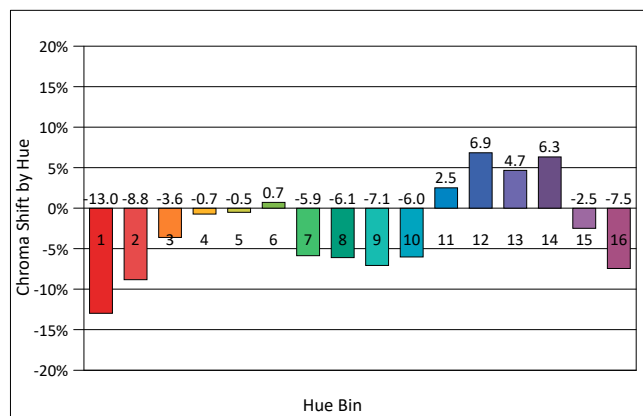
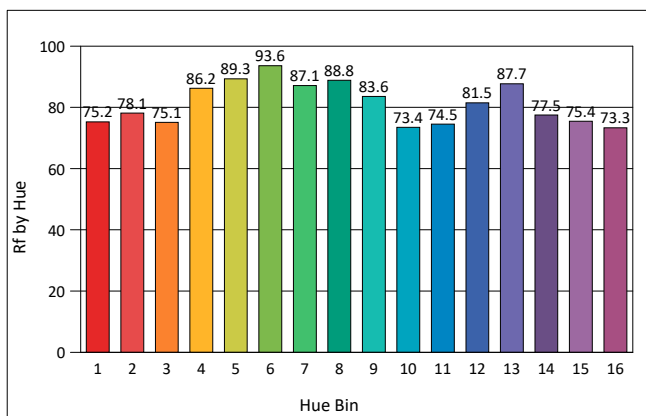
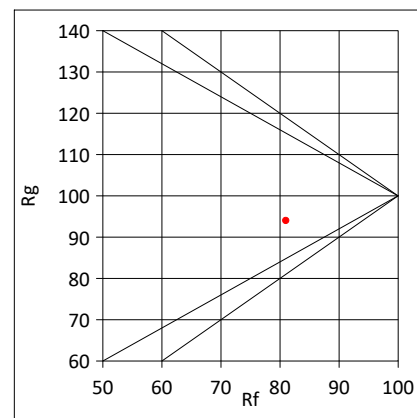
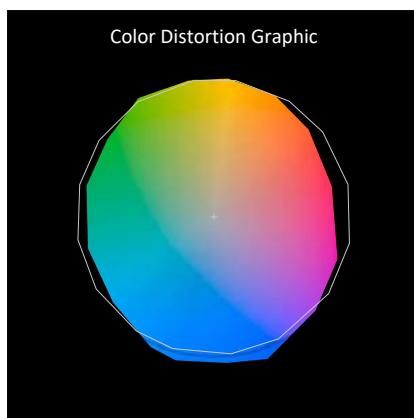
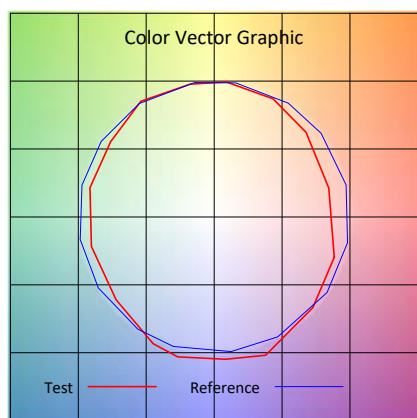
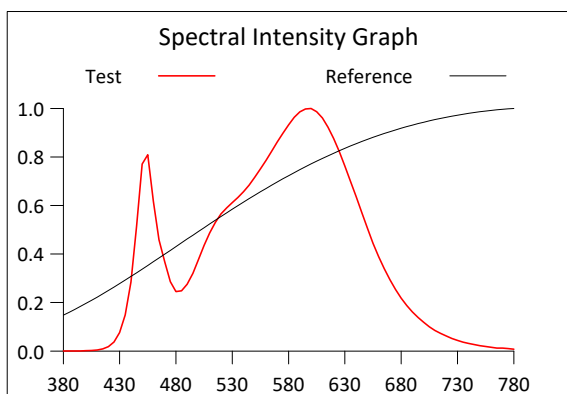
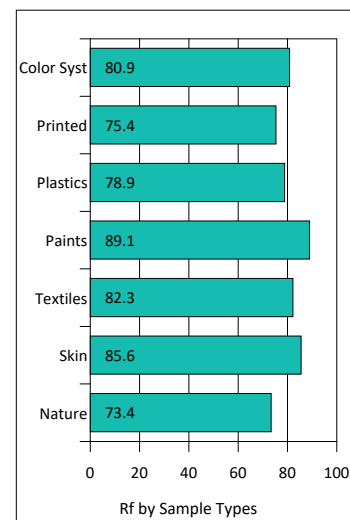
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Rf: 81.0 CCT(K): 3531 u': 0.2347
 Rg: 94.0 LER: 338.4 Duv: 0.0005 v': 0.3409

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	75.2	-13.0%	0.2%
2	78.1	-8.8%	6.8%
3	75.1	-3.6%	11.0%
4	86.2	-0.7%	6.6%
5	89.3	-0.5%	3.5%
6	93.6	0.7%	-2.0%
7	87.1	-5.9%	-3.7%
8	88.8	-6.1%	0.7%
9	83.6	-7.1%	6.6%
10	73.4	-6.0%	14.6%
11	74.5	2.5%	15.3%
12	81.5	6.9%	4.6%
13	87.7	4.7%	-5.3%
14	77.5	6.3%	-14.9%
15	75.4	-2.5%	-15.1%
16	73.3	-7.5%	-12.4%



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