

LED Test Report

Product Mark

Product Type : FE2-40s-1208F2/14.4

Manufacturer :

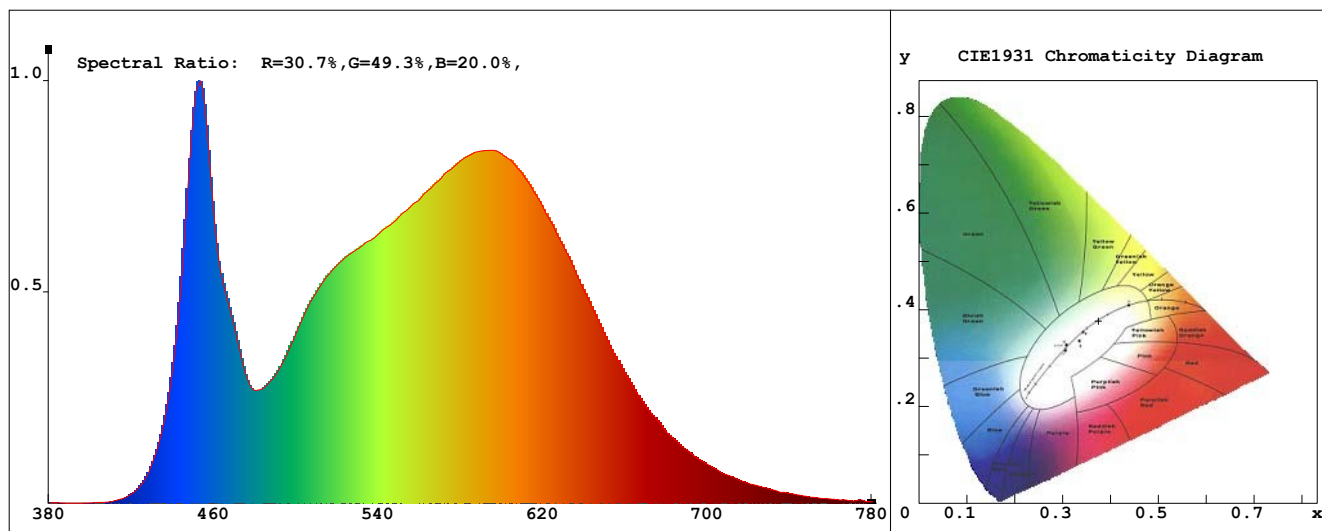
Temperature : 'C

Humidity : %

Operator :

Test Date : 2024-10-19

Remark: Bin: CT STEP3 Lotto: 363



Chroma Parameters

Chro.Coord.:x=0.3748 y=0.3768 u=0.2214 v=0.3339 duv=0.0017

CCT: 4157K Dominant Wave.:577.5nm Purity:25.6% Centre Wave:454.2nm

Flux RGB Ratio:R=16.9%,G=80.4%,B=2.7% Peak Wave:452.6nm Half Width:21.9nm

Rendering Index:Ra= 82.3 CRI= 78.3

R1 =80 R2 =89 R3 =95 R4 =80 R5 =80 R6 =85 R7 =85 R8 =63

R9 =3 R10=75 R11=79 R12=59 R13=83 R14=98 R15=74

PPF:21.410umol/s (400-700nm)

PRF:4.6mW (400-700nm)

PAR:4.0mW (400-700nm)

Photo Parameters

Flux:1623.84lm Effi.:124.2lm/W Radiant:4672.6mW Iv:0.0mcd

Scotopic Flux:2824.1Plm Effi.:0.0Plm/W S/P:1.7

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:21877.500umol/s (380-780nm)

Ele. Parameters

Forward Current:If=552.0mA

Reverse Voltage:Vr=5.00V

Forward Voltage:Vf=23.68V

Reverse Current:Ir=0.00uA

Power:P=13.080W

Instrument state

Instrument: -

Integral Time: 88.765ms

VPeak: 14824

VDark: 1218

Scan Range: 380-780nm

Product ID: 201508924

IES TM-30-2015 Test Report

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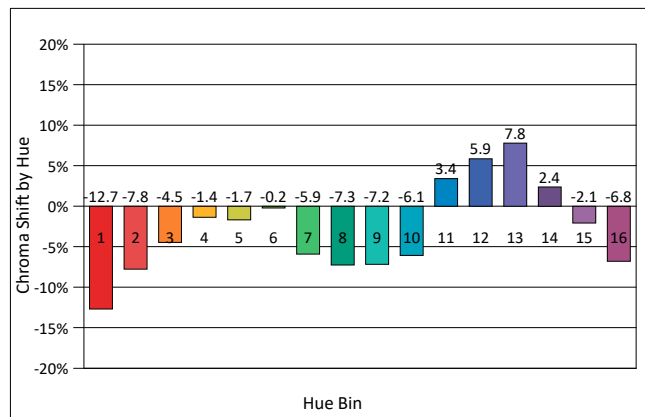
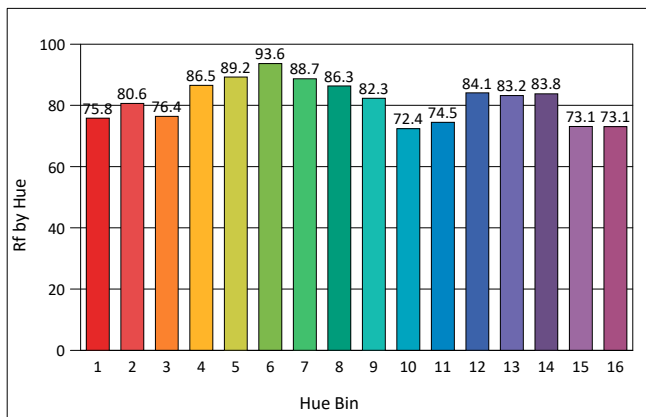
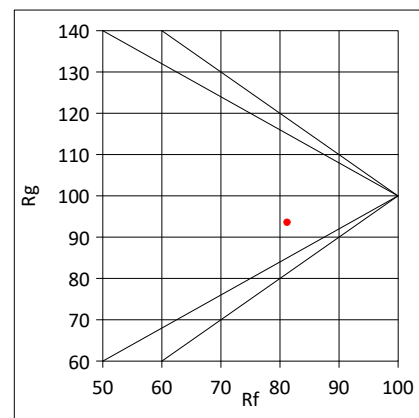
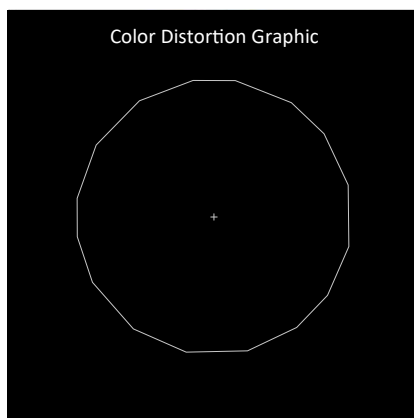
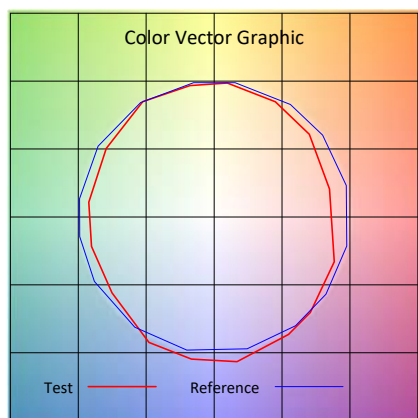
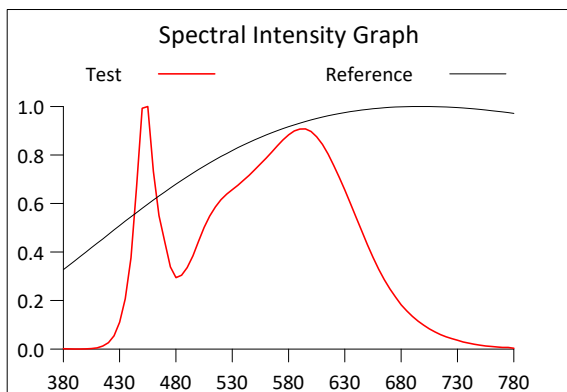
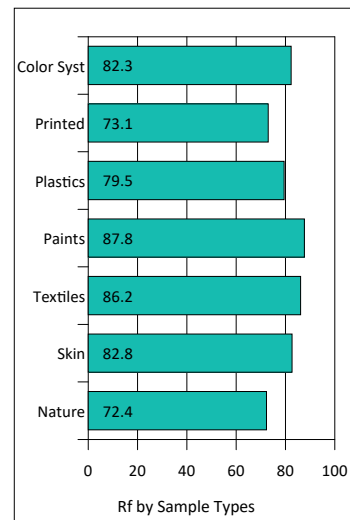
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Rf: 81.2 CCT(K): 4157 u': 0.2214
Rg: 93.6 LER: 334.6 Duv: 0.0017 v': 0.3339

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	75.8	-12.7%	-0.1%
2	80.6	-7.8%	5.9%
3	76.4	-4.5%	10.2%
4	86.5	-1.4%	5.7%
5	89.2	-1.7%	2.9%
6	93.6	-0.2%	-1.8%
7	88.7	-5.9%	-2.0%
8	86.3	-7.3%	1.2%
9	82.3	-7.2%	8.8%
10	72.4	-6.1%	14.1%
11	74.5	3.4%	14.9%
12	84.1	5.9%	4.7%
13	83.2	7.8%	-9.1%
14	83.8	2.4%	-7.8%
15	73.1	-2.1%	-17.6%
16	73.1	-6.8%	-13.1%



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