

LED Test Report

Product Mark

Product Type : F52-35S-1208F1-14.4

Manufacturer :

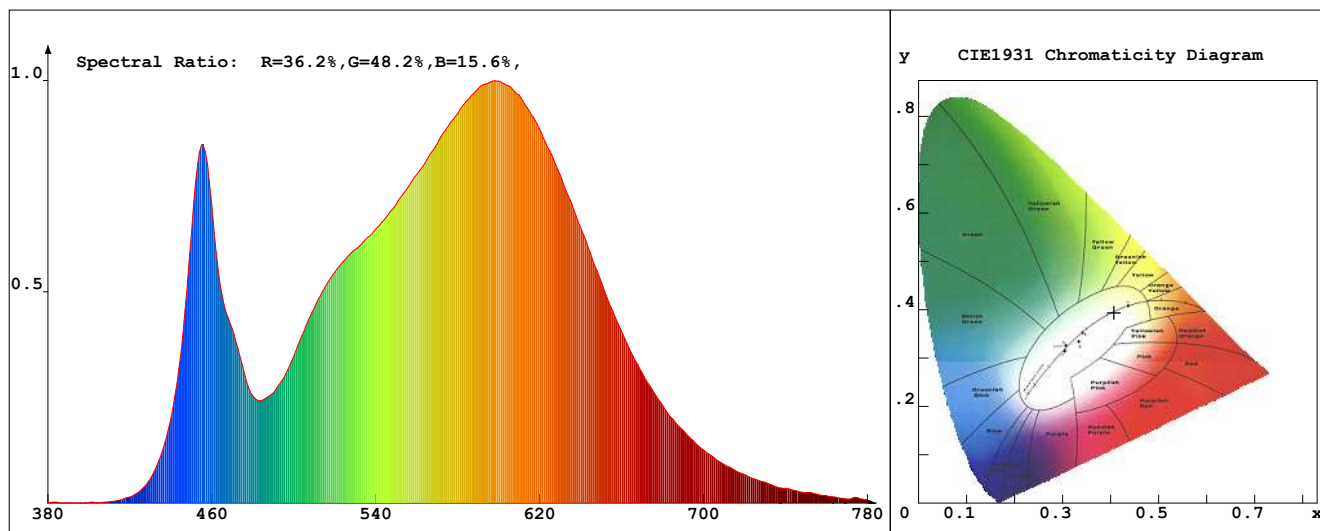
Temperature : 'C

Humidity : %

Operator :

Test Date : 10-09-21 12:40:30

Remark: BIN CT STEP3 LOTTO 391



Chroma Parameters

Chro.Coord.:x=0.4069 y=0.3940 u=0.2354 v=0.3419 duv=0.0011

CCT: 3493K Dominant Wave.:580.5nm Purity:40.4% Centre Wave:581.8nm

Flux RGB Ratio:R=19.2%,G=78.6%,B=2.2% Peak Wave:597.7nm Half Width:137.5nm

Rendering Index:Ra= 81.4 CRI= 77.7

R1 =79 R2 =90 R3 =96 R4 =79 R5 =79 R6 =86 R7 =83 R8 =59

R9 =1 R10=75 R11=77 R12=61 R13=82 R14=98 R15=72

PPF:20.275umol/s (400-700nm)

PRF:4.3mW (400-700nm)

PAR:3.8mW (400-700nm)

Photo Parameters

Flux:1537.55lm Effi.:117.9lm/W Radiant:4369.5mW Iv:0.0mcd

Scotopic Flux:2331.3Plm Effi.:0.0Plm/W S/P:1.5

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:20859.000umol/s (380-780nm)

Ele. Parameters

Forward Current:If=1104.0mA

Reverse Voltage:Vr=5.00V

Forward Voltage:Vf=11.81V

Reverse Current:Ir=0.00uA

Power:P=13.031W

Instrument state

Instrument:Lisun

Integral Time: 98.429ms

VPeak: 14200

VDark: 1151

Scan Range: 380-780nm

Product ID: 201508924

IES TM-30-2015 Test Report

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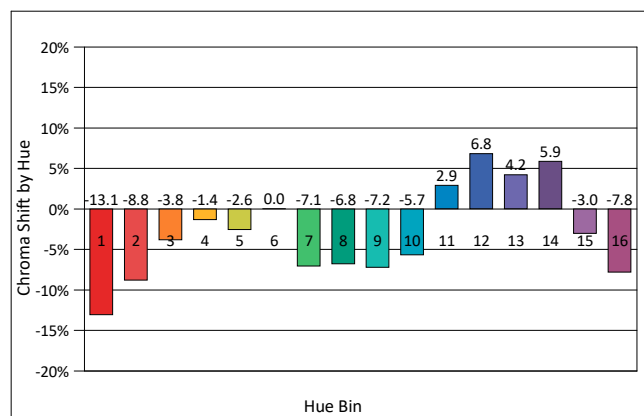
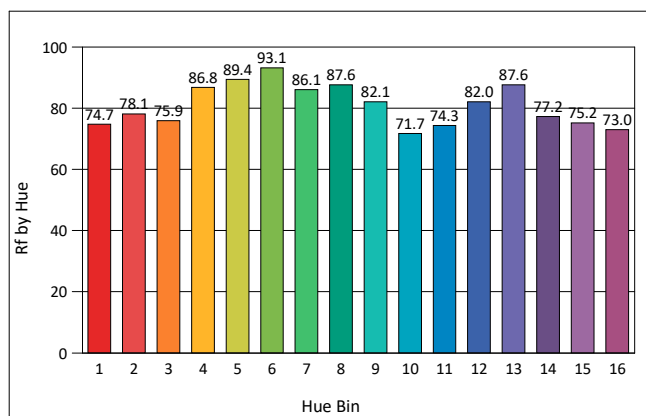
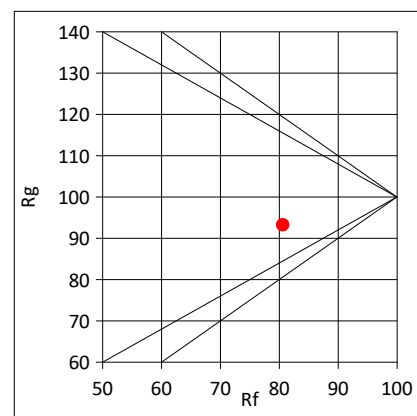
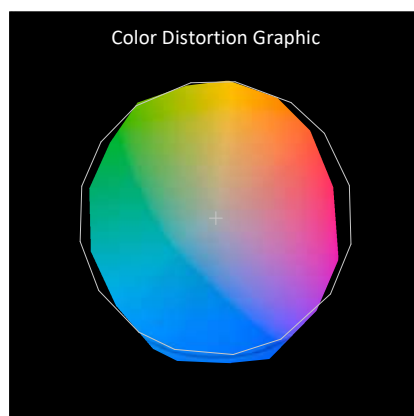
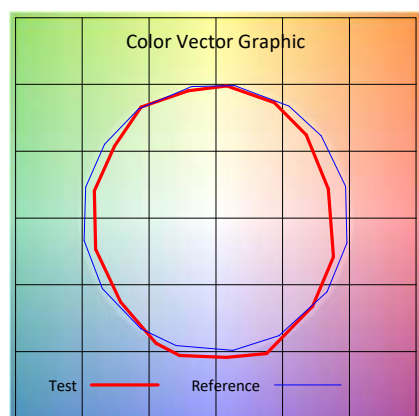
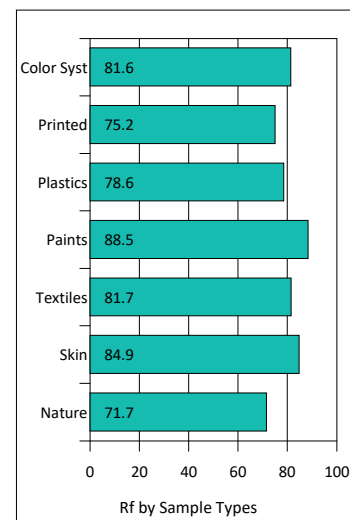
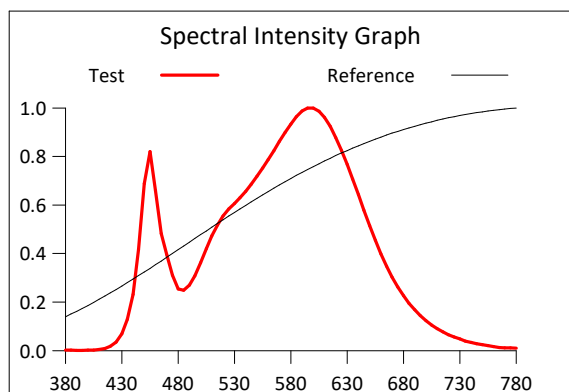
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Rf: 80.6 CCT(K): 3493 u': 0.2354
 Rg: 93.2 LER: 338.4 Duv: 0.0011 v': 0.3419

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	74.7	-13.1%	0.6%
2	78.1	-8.8%	6.7%
3	75.9	-3.8%	10.5%
4	86.8	-1.4%	5.7%
5	89.4	-2.6%	2.8%
6	93.1	0.0%	-2.4%
7	86.1	-7.1%	-2.9%
8	87.6	-6.8%	1.5%
9	82.1	-7.2%	7.8%
10	71.7	-5.7%	16.0%
11	74.3	2.9%	15.4%
12	82.0	6.8%	4.1%
13	87.6	4.2%	-5.8%
14	77.2	5.9%	-15.3%
15	75.2	-3.0%	-15.0%
16	73.0	-7.8%	-12.0%



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