

LED Test Report

Product Mark

Product Type : F52-40s-0608F1 13W

Manufacturer :

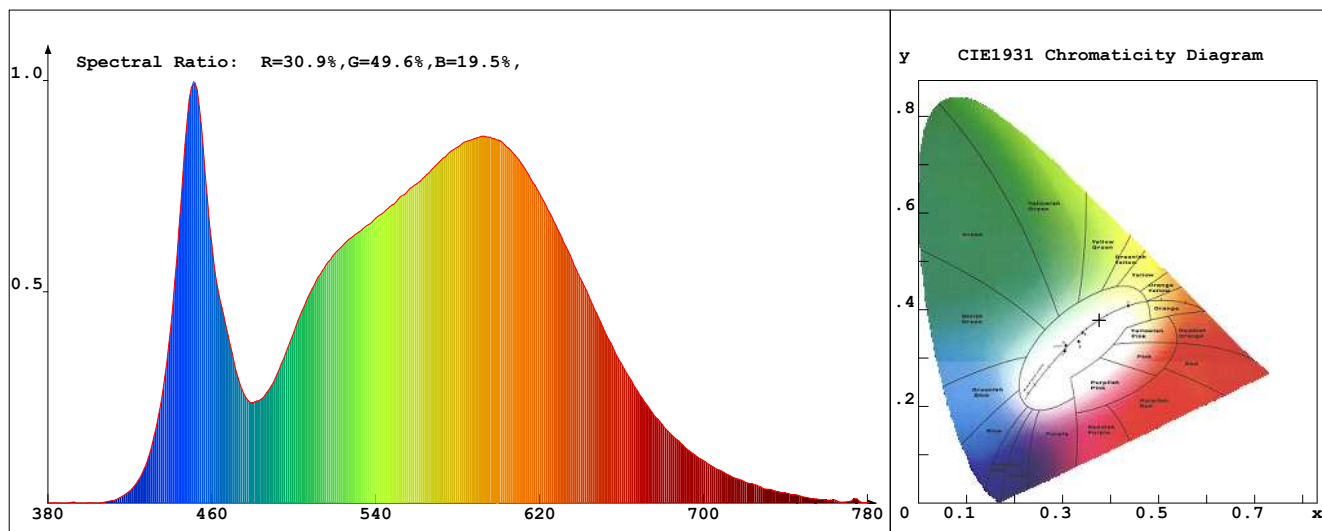
Temperature : 'C

Humidity : %

Operator :

Test Date : 01-07-21 14:34:12

Remark: BIN CT STEP3 LOTTO 427



Chroma Parameters

Chro.Coord.:x=0.3761 y=0.3782 u=0.2217 v=0.3344 duv=0.0020

CCT: 4130K Dominant Wave.:577.5nm Purity:26.4% Centre Wave:451.3nm

Flux RGB Ratio:R=16.8%,G=80.8%,B=2.4% Peak Wave:450.6nm Half Width:21.7nm

Rendering Index:Ra= 81.4 CRI= 77.2

R1 =79 R2 =87 R3 =94 R4 =81 R5 =80 R6 =83 R7 =86 R8 =63

R9 =1 R10=70 R11=79 R12=59 R13=81 R14=97 R15=73

PPF:18.850umol/s (400-700nm)

PRF:4.0mW (400-700nm)

PAR:3.5mW (400-700nm)

Photo Parameters

Flux:1459.67lm Effi.:112.0lm/W Radiant:4110.8mW Iv:0.0mcd

Scotopic Flux:2480.2Plm Effi.:0.0Plm/W S/P:1.7

Efficiency:0.00

Effi Level:A++ (EU 874-2012) Photon Flux:19256.500umol/s (380-780nm)

Ele. Parameters

Forward Current:If=1084.0mA

Reverse Voltage:Vr=5.00V

Forward Voltage:Vf=12.02V

Reverse Current:Ir=0.00uA

Power:P=13.031W

Instrument state

Instrument:Lisun

Integral Time: 98.946ms

VPeak: 14200

VDark: 1482

Scan Range: 380-780nm

Product ID: 201508924

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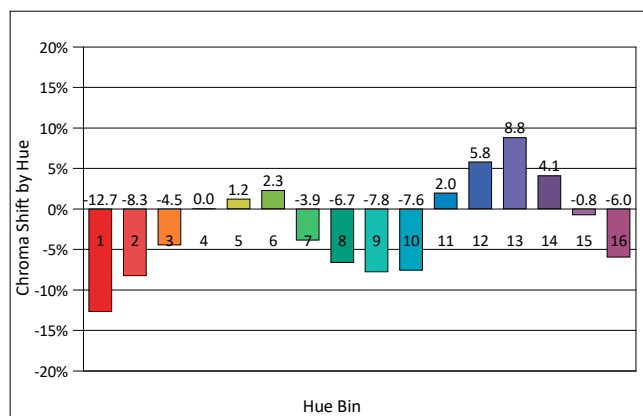
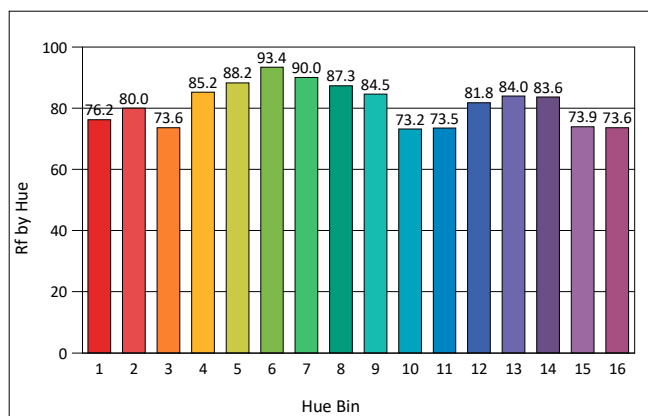
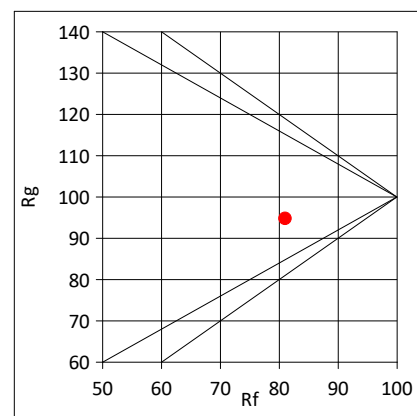
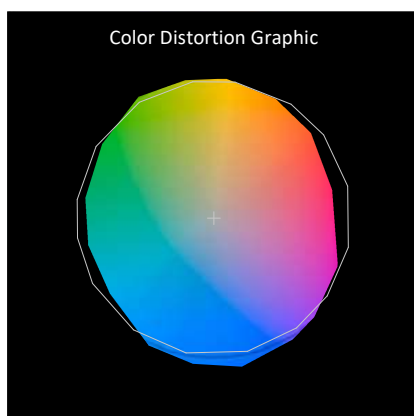
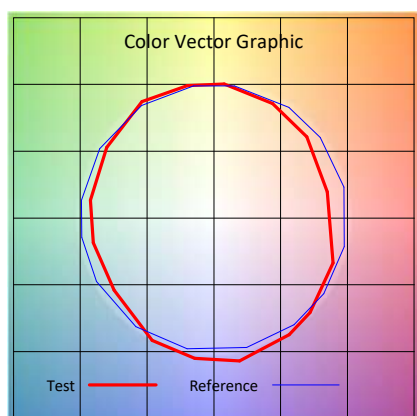
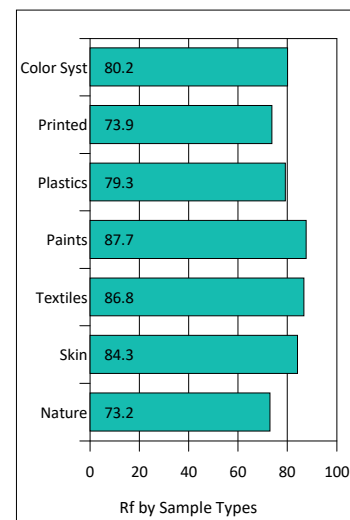
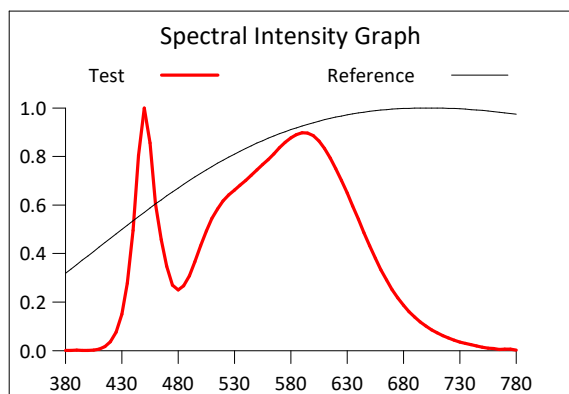
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Rf: 81.0 CCT(K): 4130 u': 0.2217
 Rg: 94.8 LER: 336.1 Duv: 0.0020 v': 0.3344

Hue Bin	Rf	Graphic Shifts (%)	
		Chroma	Hue
1	76.2	-12.7%	-1.1%
2	80.0	-8.3%	6.2%
3	73.6	-4.5%	11.8%
4	85.2	0.0%	7.9%
5	88.2	1.2%	4.5%
6	93.4	2.3%	-1.8%
7	90.0	-3.9%	-3.8%
8	87.3	-6.7%	-1.3%
9	84.5	-7.8%	5.7%
10	73.2	-7.6%	12.7%
11	73.5	2.0%	15.8%
12	81.8	5.8%	7.0%
13	84.0	8.8%	-7.0%
14	83.6	4.1%	-7.2%
15	73.9	-0.8%	-17.5%
16	73.6	-6.0%	-13.8%



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