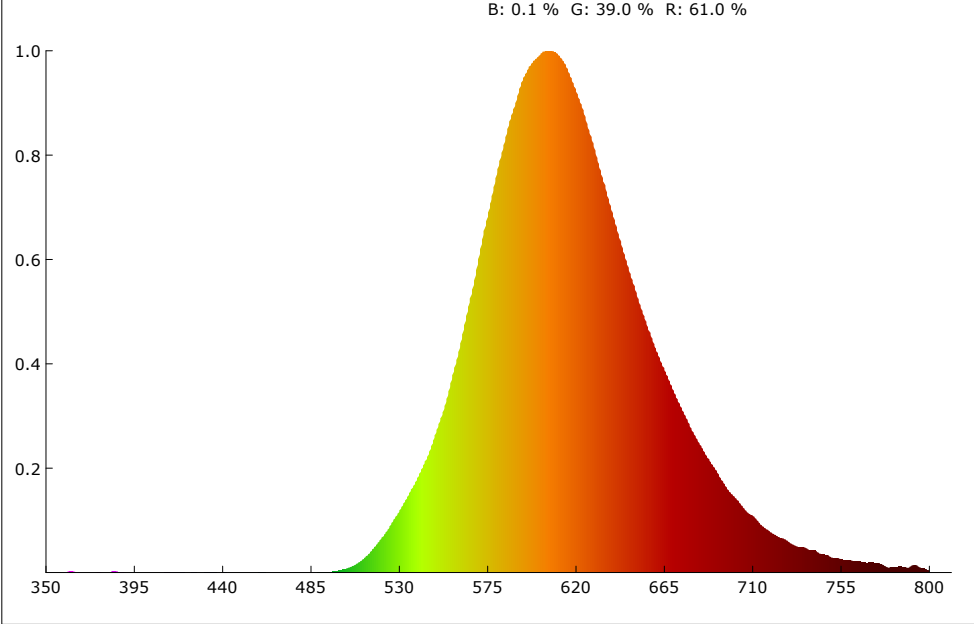
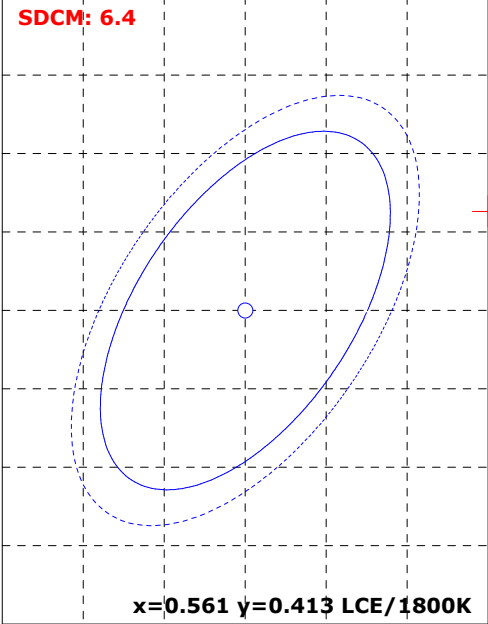


Spectrogram



SDCM



Color Parameter:

x: 0.5709 y: 0.4263 u: 0.3275 v: 0.3668 u': 0.3275 v': 0.5502
R_ratio: 61.0 % G_ratio: 39.0 % B_ratio: 0.1 % RedRatio: 32.5 % GreenRatio: 67.5 % BlueRatio: 0.0 %

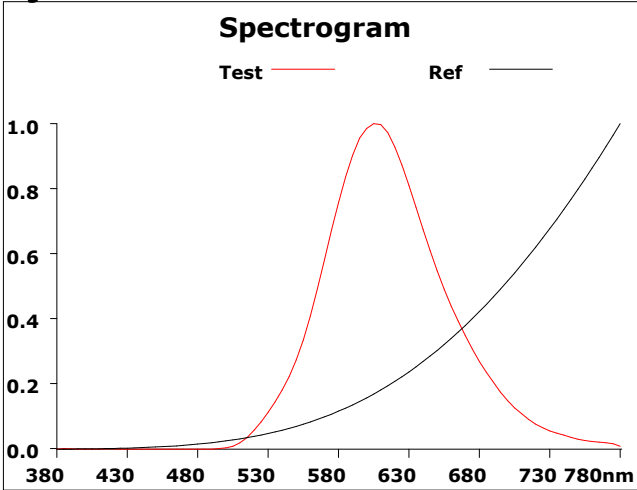
Ra: 51.4 AvgR: 39.1
R1: 45.0 R2: 70.9 R3: 83.7 R4: 34.0 R5: 39.4 R6: 60.2 R7: 65.0 R8: 13.3
R9: -71.8 R10: 41.1 R11: 13.8 R12: 16.2 R13: 46.9 R14: 91.0 R15: 37.8

CCT: 1754 K Flux: 2239.717 lm PeakWave: 608.7 nm SDCM: 6.4
S/P: 0.4 CentralWave: 609.5 nm DominantWave: 589.5 nm CentroidWave: 616.5 nm
HalfWidth: 88.6 nm duv: 0.00646 purity: 99.3 % CQS: 3.7
LER(TM-30): 326.8 Ep: 6852.6 mw Rg: 13.7 Rf: 16.9
Red Ep: 3989.0 mw Near red Ep: 293.8 mw Near infrared Ep: 15.1 mw

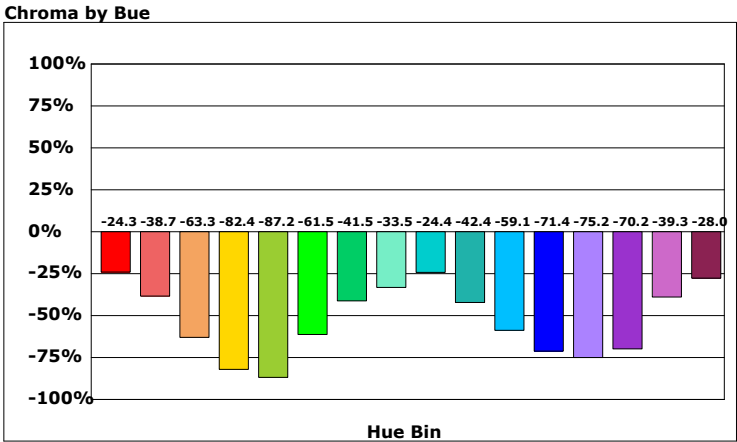
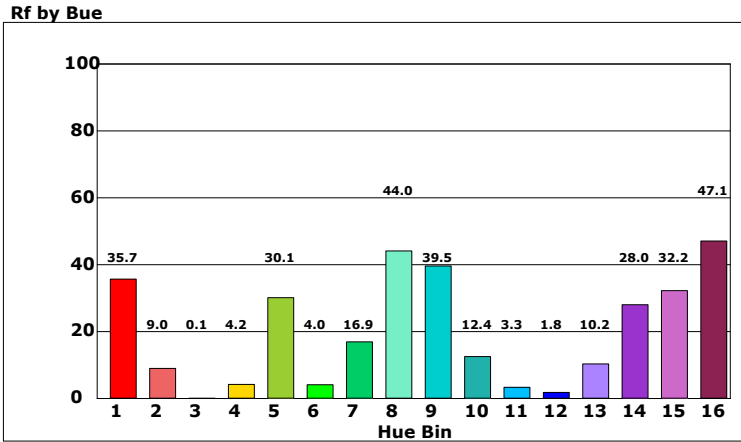
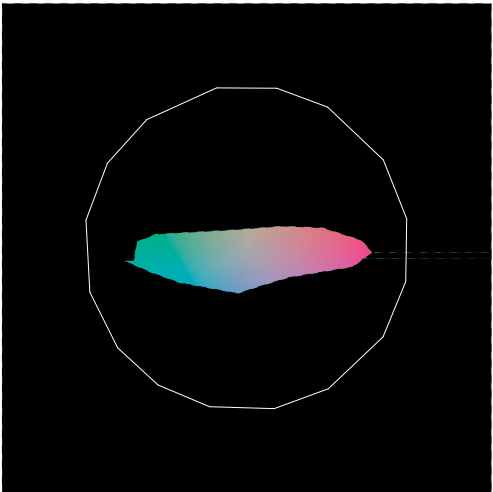
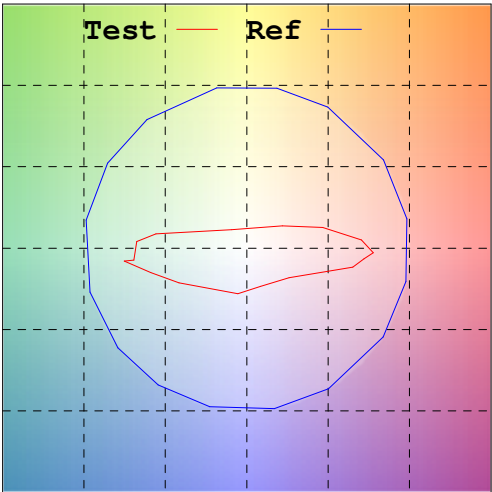
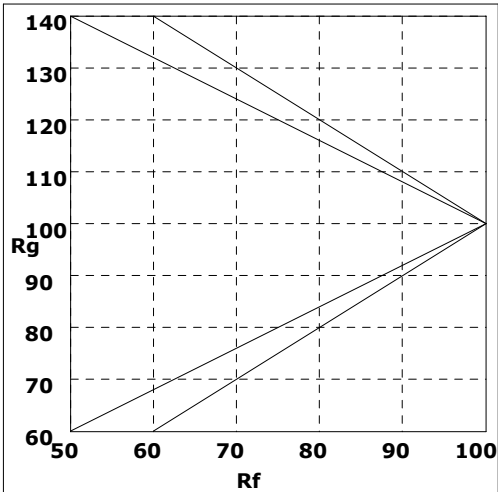
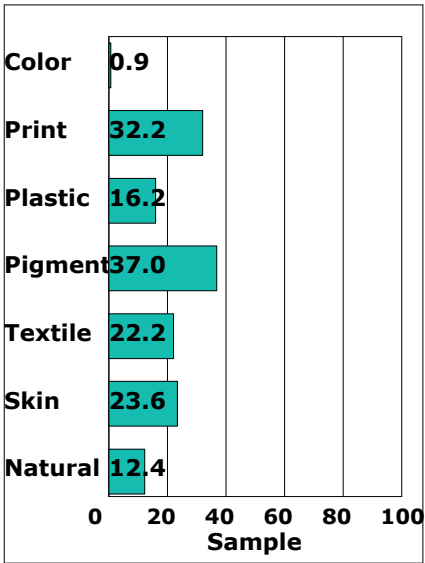
Electrical parameters:

Effic: 39.8 Lm/W Energy: 43.4 Effi: G
U: 220.5 V I: 0.416 A P: 56.250 W Pf: 0.612

Rf: 16.9 CCT: 1754K u': 0.3275
Rg: 13.7 LER: 326.8 Duv: 0.00646 v': 0.5502



500			
Hue Bin	Rf	Chroma	Hue
1	35.7	-24.3%	-16.4%
2	9.0	-38.7%	-33.3%
3	0.1	-63.3%	-38.4%
4	4.2	-82.4%	-19.9%
5	30.1	-87.2%	8.2%
6	4.0	-61.5%	34.4%
7	16.9	-41.5%	30.2%
8	44.0	-33.5%	18.4%
9	39.5	-24.4%	-14.6%
10	12.4	-42.4%	-27.2%
11	3.3	-59.1%	-24.2%
12	1.8	-71.4%	3.4%
13	10.2	-75.2%	6.5%
14	28.0	-70.2%	17.8%
15	32.2	-39.3%	25.3%
16	47.1	-28.0%	8.6%



Product model:
Product number:
Tester:
Remarks:

Manufacturer: Guangzhou Hotion Technology Co.,
Test unit:
Date of observation: 07/16/14

