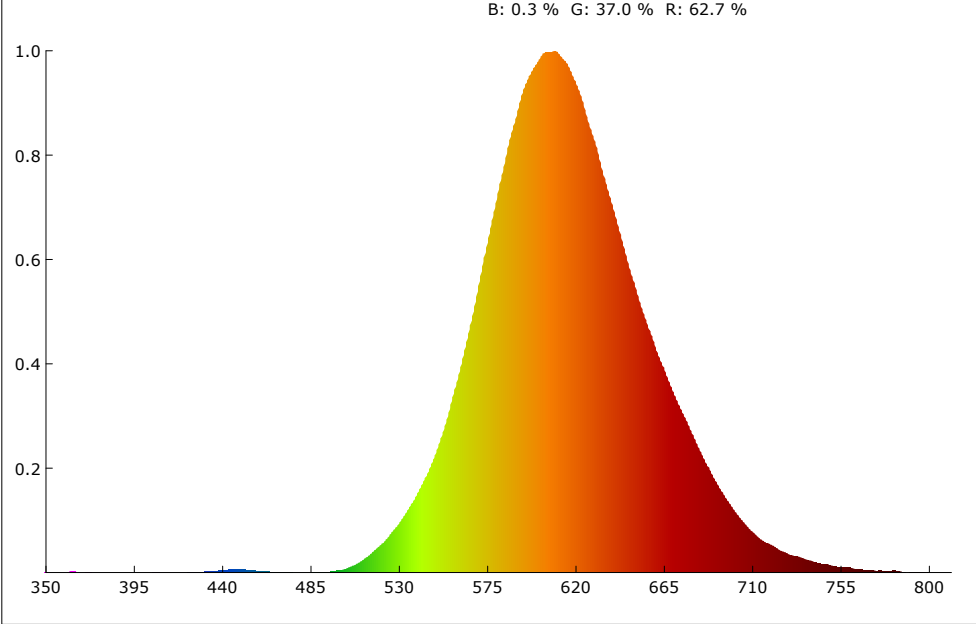
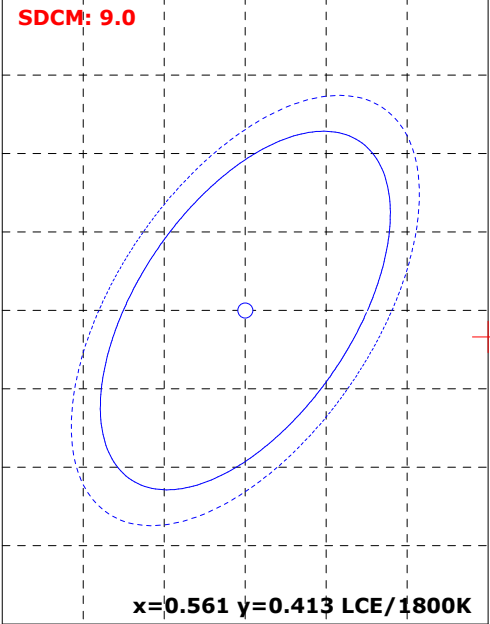


Spectrogram



SDCM



Color Parameter:

x: 0.5765 y: 0.4183 u: 0.3358 v: 0.3655 u': 0.3358 v': 0.5483
R_ratio: 62.7 % G_ratio: 37.0 % B_ratio: 0.3 % RedRatio: 34.4 % GreenRatio: 65.5 % BlueRatio: 0.0 %

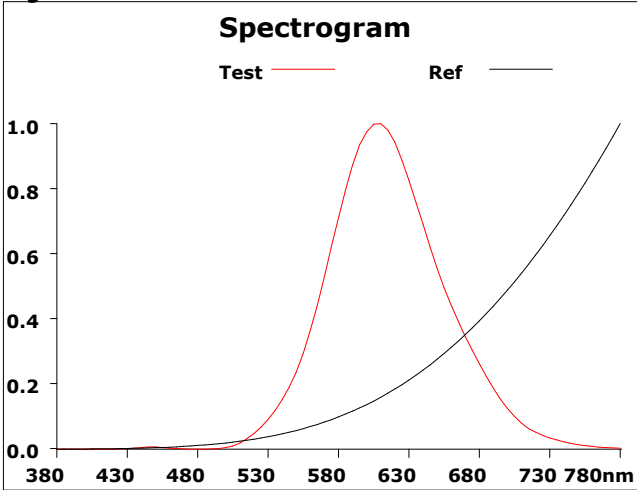
Ra: 52.2 AvgR: 41.0
R1: 45.2 R2: 73.5 R3: 88.5 R4: 33.8 R5: 39.4 R6: 64.0 R7: 62.8 R8: 11.1
R9: -71.2 R10: 47.5 R11: 14.9 R12: 24.7 R13: 47.9 R14: 94.2 R15: 38.1

CCT: 1679 K Flux: 1274.947 lm PeakWave: 609.7 nm SDCM: 9.0
S/P: 0.4 CentralWave: 611.0 nm DominantWave: 590.8 nm CentroidWave: 615.3 nm
HalfWidth: 86.0 nm duv: 0.00501 purity: 98.6 % CQS: 26.7
LER(TM-30): 324.5 Ep: 3929.5 mw Rg: 41.0 Rf: 41.9
Red Ep: 2393.3 mw Near red Ep: 110.8 mw Near infrared Ep: 1.7 mw

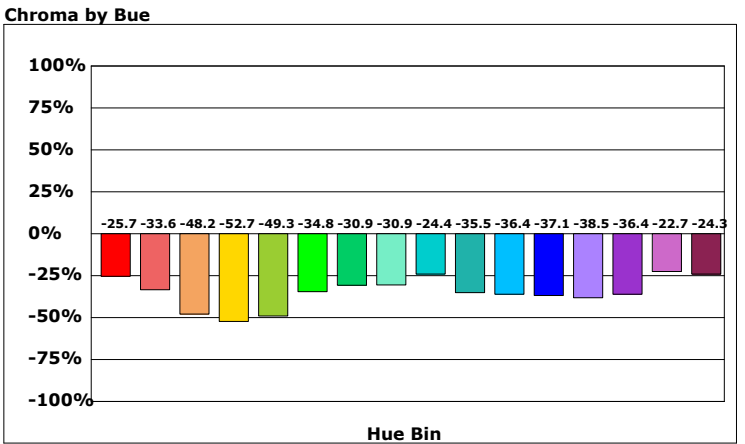
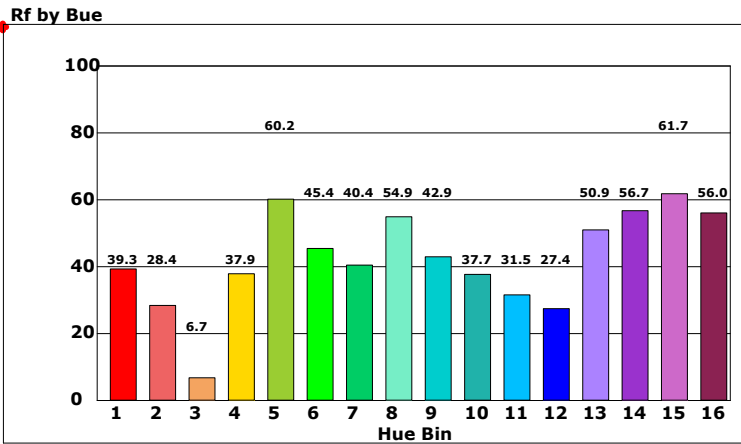
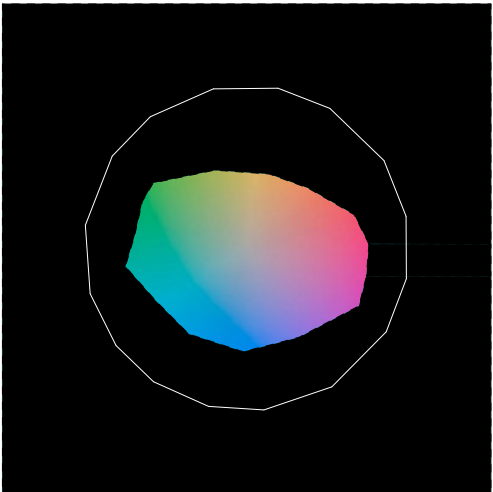
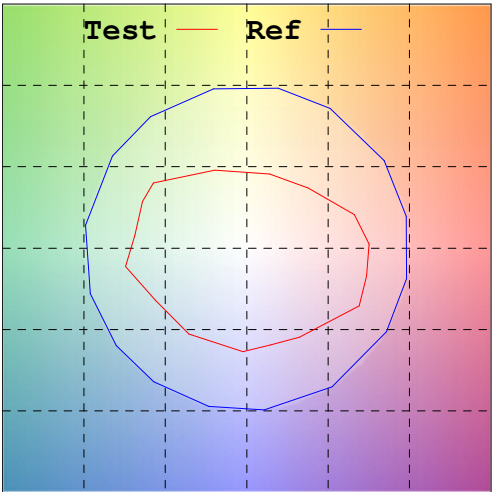
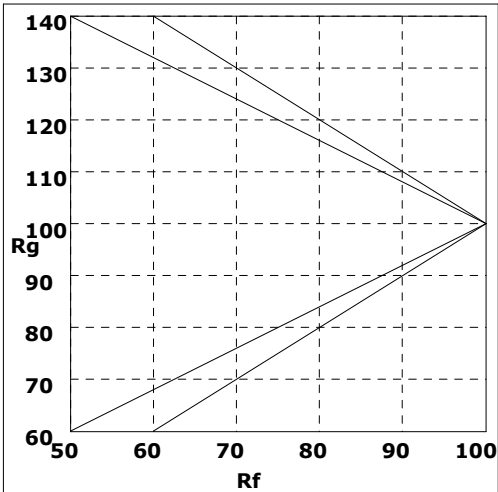
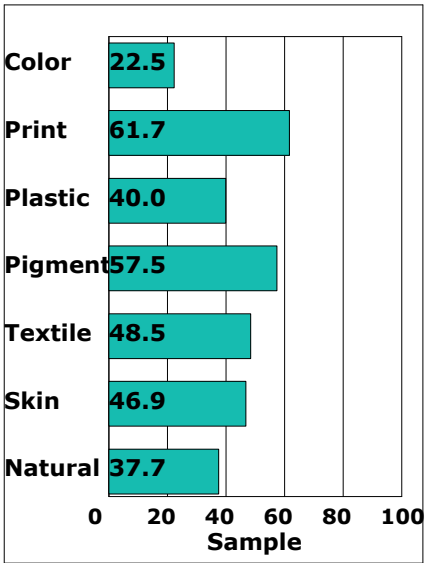
Electrical parameters:

Effic: 12.5 Lm/W Energy: 13.6 Effi: G
U: 219.3 V I: 0.713 A P: 102.100 W Pf: 0.652

Rf: 41.9 CCT: 1679K u': 0.3358
Rg: 41.0 LER: 324.5 Duv: 0.00501 v': 0.5483

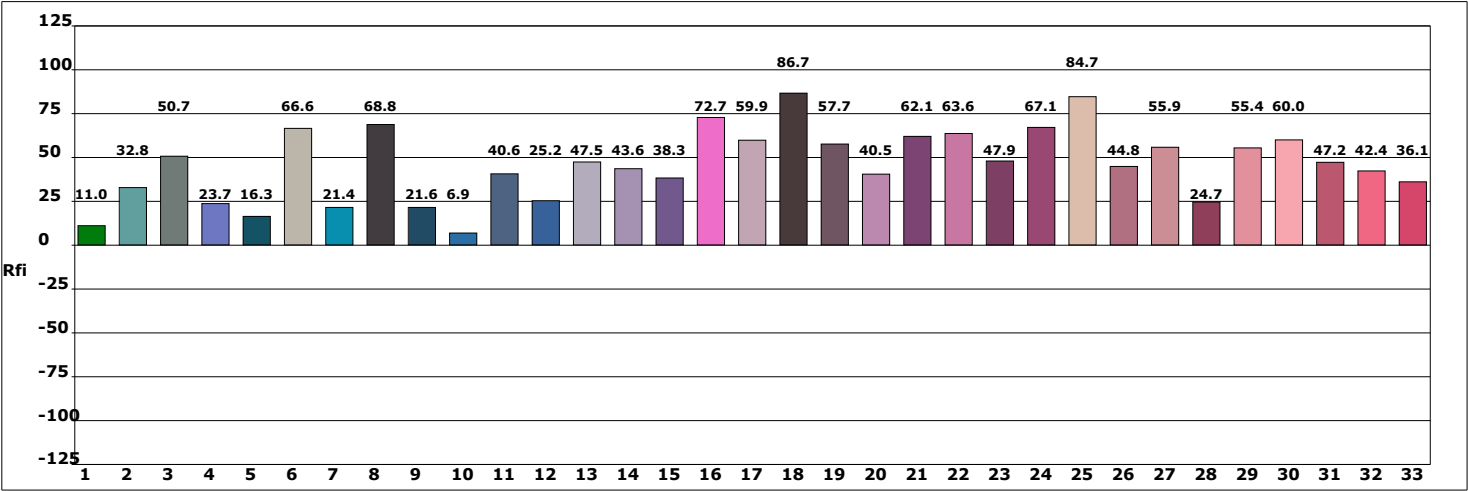
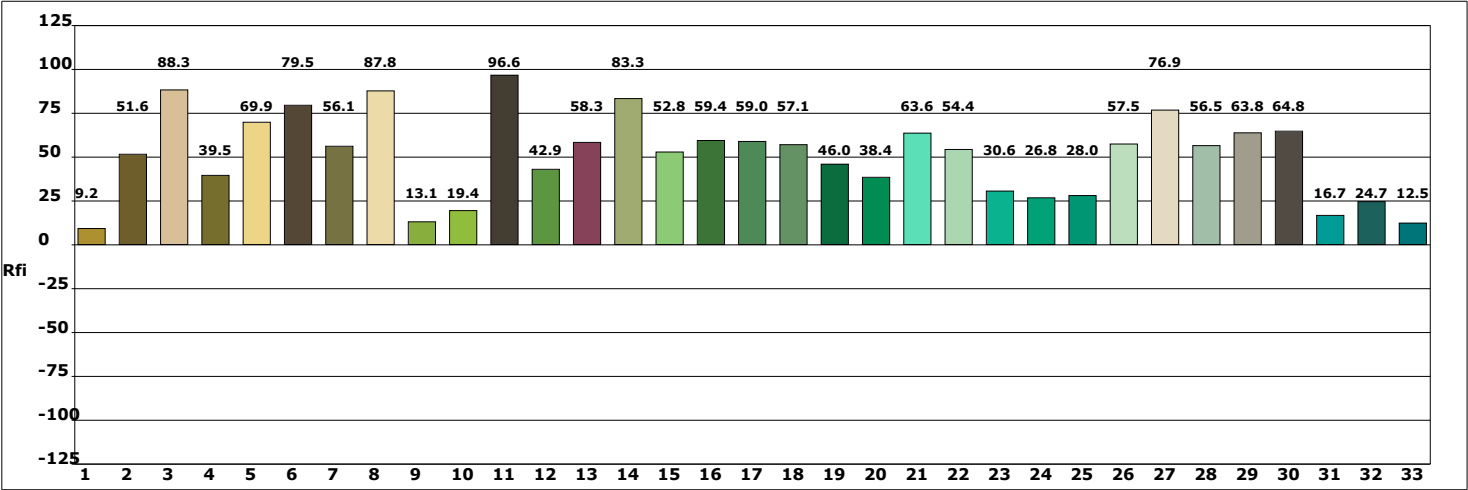
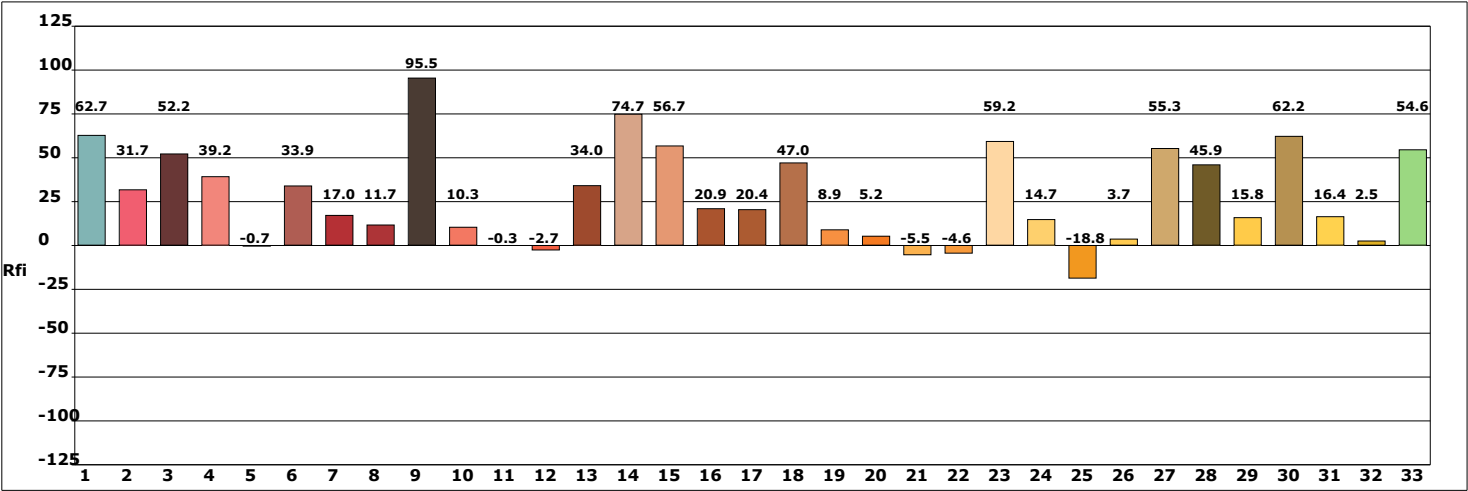


500			
Hue Bin	Rf	Chroma	Hue
1	39.3	-25.7%	-12.4%
2	28.4	-33.6%	-17.4%
3	6.7	-48.2%	-16.0%
4	37.9	-52.7%	-5.1%
5	60.2	-49.3%	9.0%
6	45.4	-34.8%	21.1%
7	40.4	-30.9%	12.9%
8	54.9	-30.9%	0.3%
9	42.9	-24.4%	-12.1%
10	37.7	-35.5%	-9.9%
11	31.5	-36.4%	1.8%
12	27.4	-37.1%	14.1%
13	50.9	-38.5%	11.6%
14	56.7	-36.4%	0.1%
15	61.7	-22.7%	3.9%
16	56.0	-24.3%	-3.3%



Product model:
Product number:
Tester:
Remarks:

Manufacturer: Guangzhou Hotion Technology Co.,
Test unit:
Date of observation: 05/30/14



Product model:
Product number:
Tester:
Remarks:

Manufacturer: Guangzhou Hotion Technology Co.,
Test unit:
Date of observation: 05/30/14