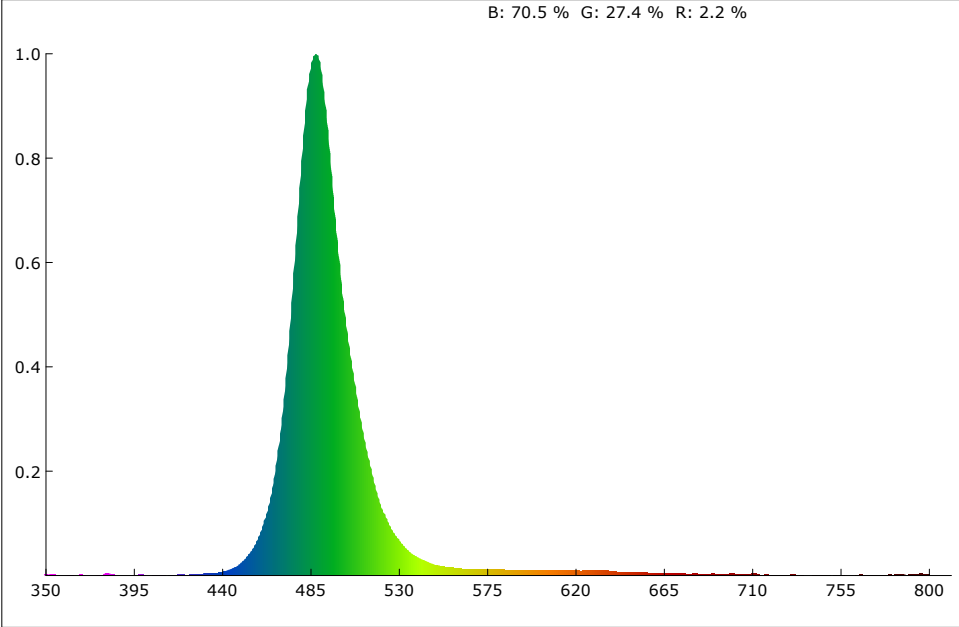
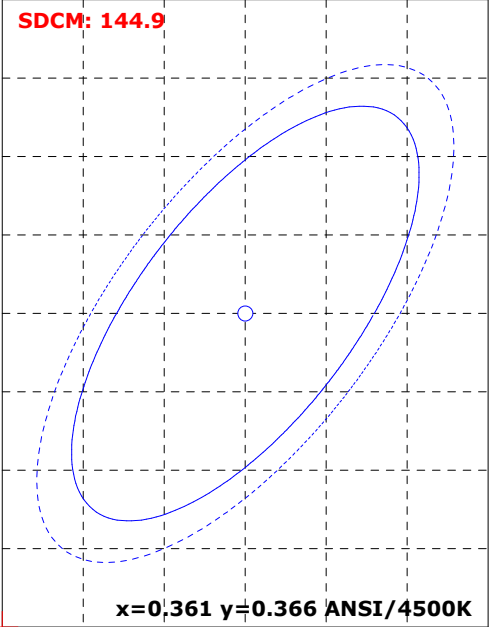


Spectrogram



SDCM



Color Parameter:

x: 0.1031 y: 0.3109 u: 0.0632 v: 0.2859 u': 0.0632 v': 0.4288
R_ratio: 2.2 % G_ratio: 27.4 % B_ratio: 70.5 % RedRatio: 1.8 % GreenRatio: 73.3 % BlueRatio: 24.9 %

Ra: -11.1 AvgR: -22.7
R1: 7.4 R2: -1.2 R3: -55.6 R4: -42.0 R5: 24.8 R6: -10.7 R7: -8.0 R8: -3.8
R9: -99.0 R10: -99.0 R11: -48.1 R12: -15.2 R13: -9.7 R14: 12.0 R15: 8.0

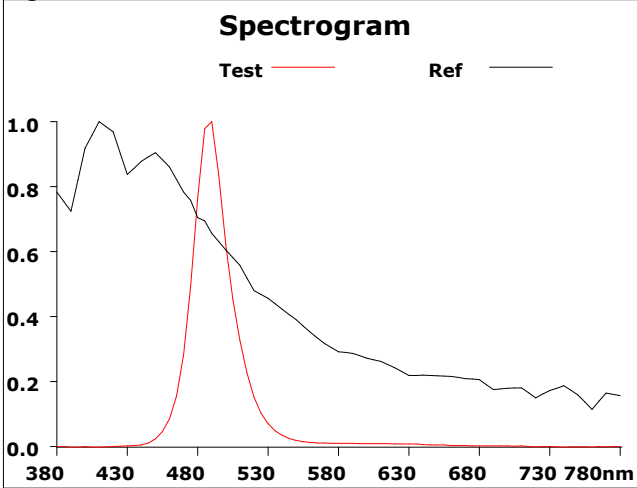
CCT: 99999 K Flux: 1384.182 lm PeakWave: 487.6 nm SDCM: 144.9
S/P: 7.3 CentralWave: 489.0 nm DominantWave: 490.5 nm CentroidWave: 497.5 nm
HalfWidth: 27.1 nm duv: 0.00646 purity: 79.4 % CQS: 4.6
LER(TM-30): 192.3 Ep: 7196.4 mw Rg: 22.7 Rf: 2.9
Red Ep: 154.1 mw Near red Ep: 33.3 mw Near infrared Ep: 14.3 mw

Electrical parameters:

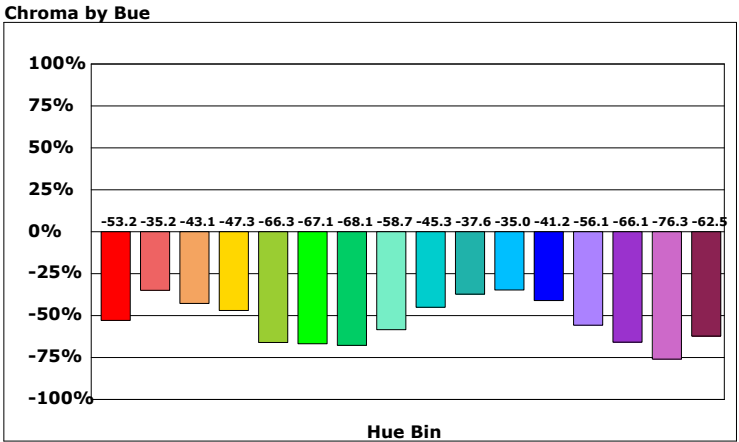
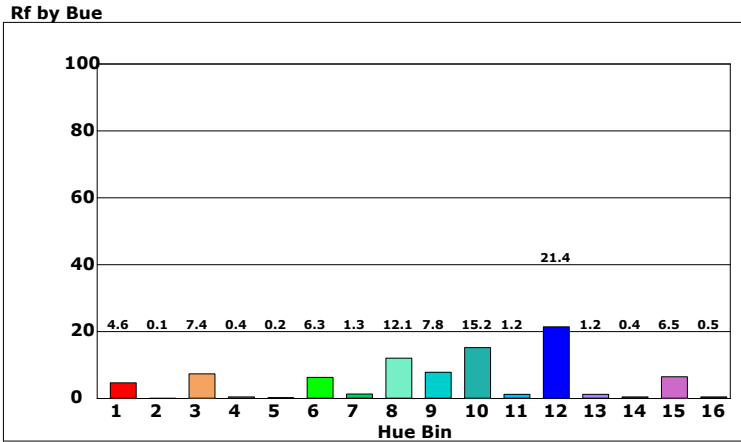
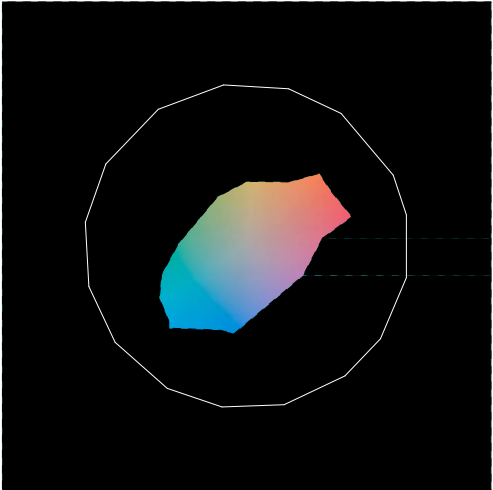
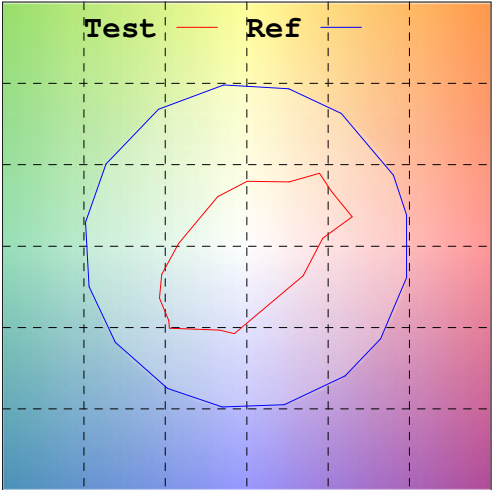
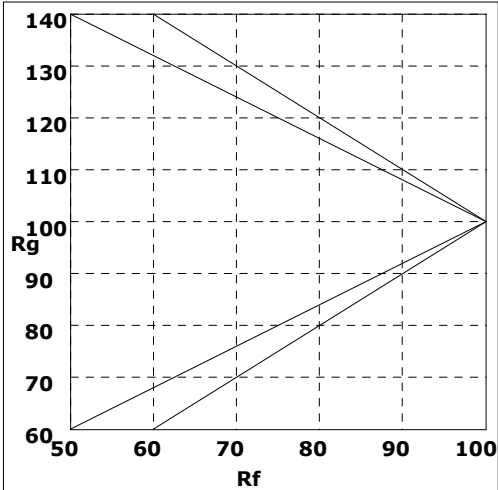
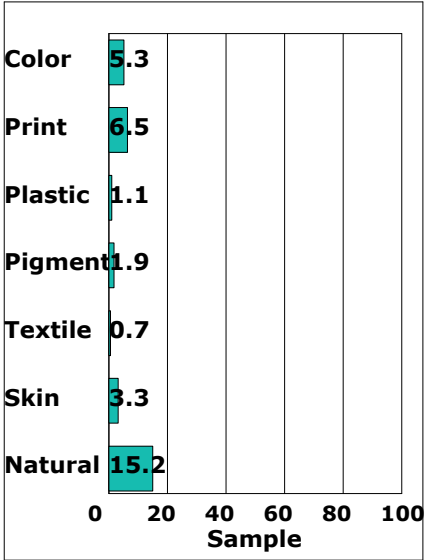
Effic: 24.4 Lm/W Energy: 26.6 Effi: G
U: 220.5 V I: 0.419 A P: 56.660 W Pf: 0.612

Product model: Manufacturer: Guangzhou Hotion Technology Co.,
Product number: Test unit:
Tester: Date of observation: 07/16/14
Remarks:

Rf: 2.9 CCT: 99999K u': 0.0632
Rg: 22.7 LER: 192.3 Duv: 0.00646 v': 0.4288

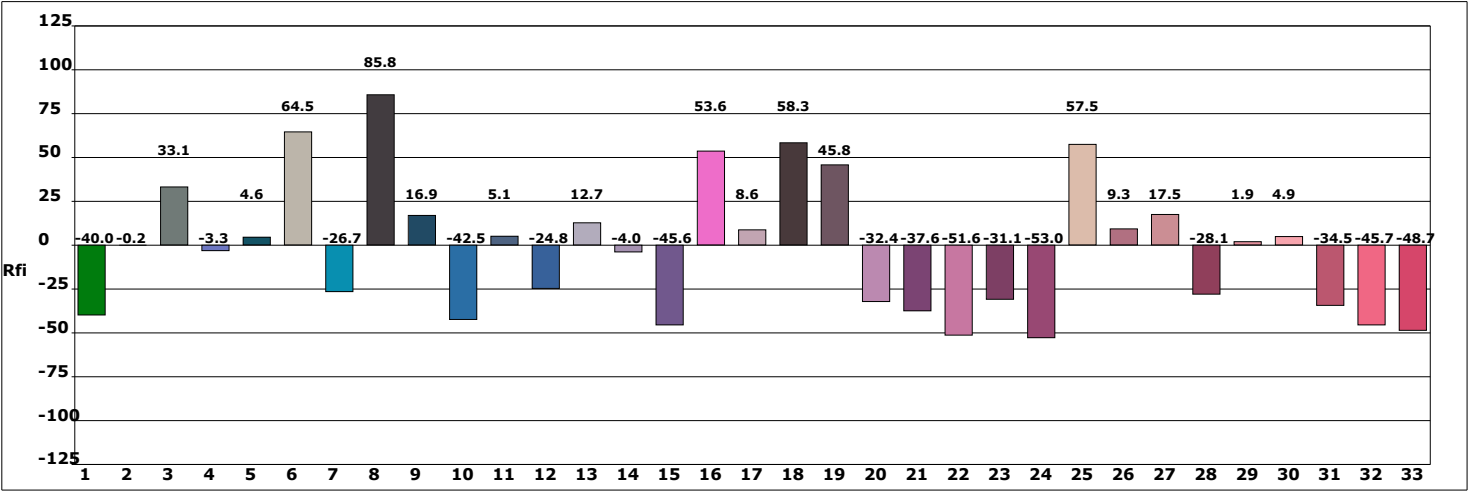
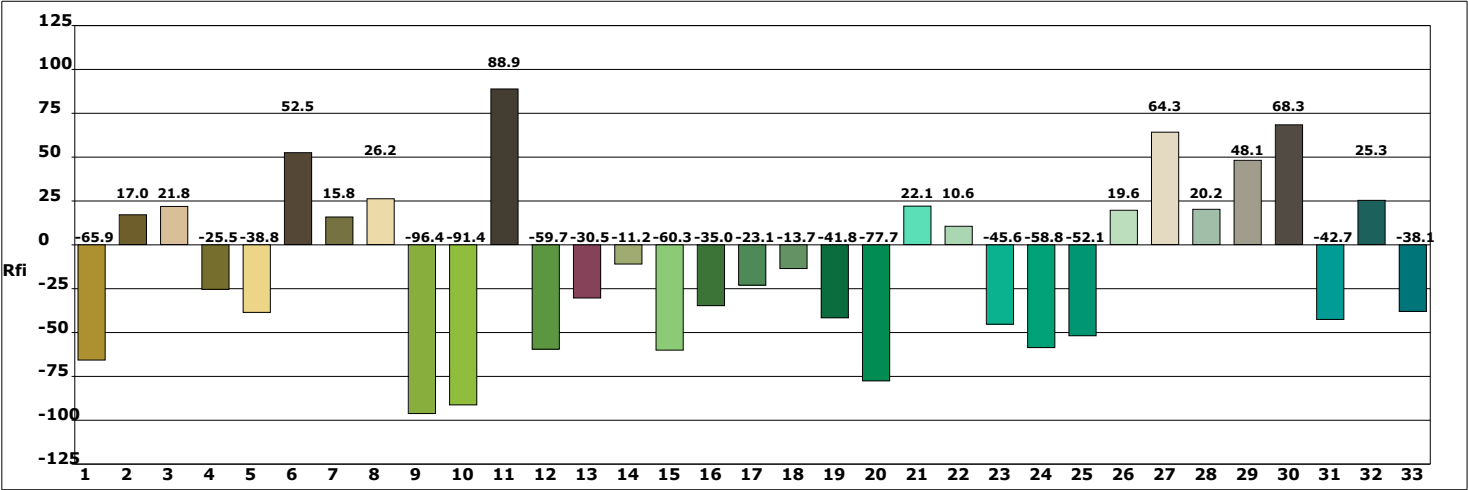
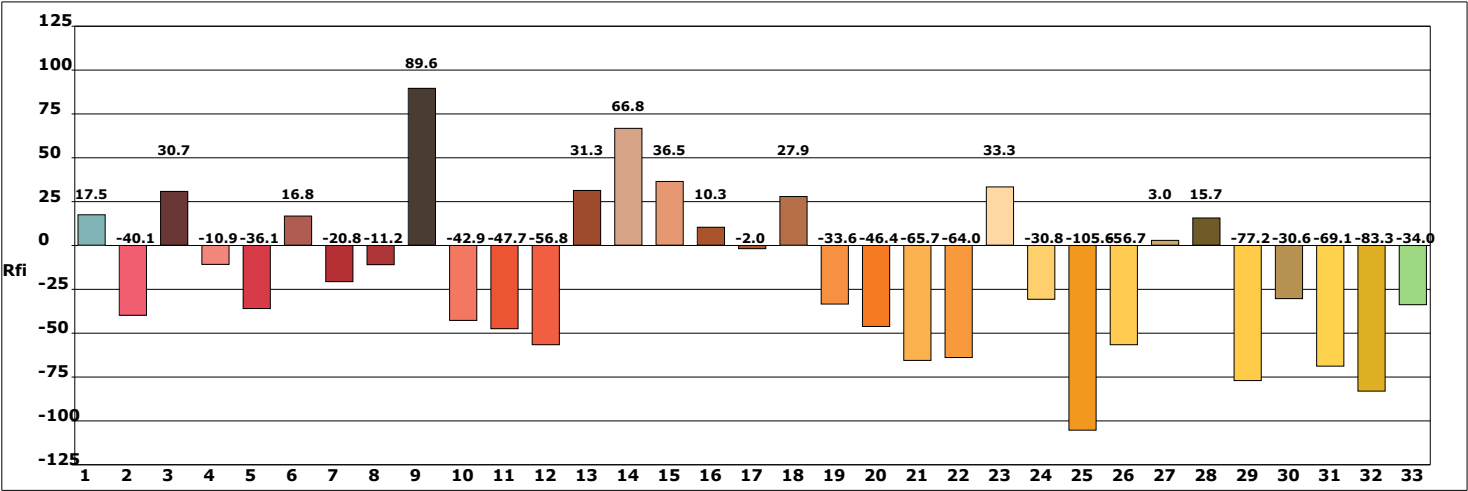


500			
Hue Bin	Rf	Chroma	Hue
1	4.6	-53.2%	-4.1%
2	0.1	-35.2%	-7.2%
3	7.4	-43.1%	-21.6%
4	0.4	-47.3%	-28.6%
5	0.2	-66.3%	-27.7%
6	6.3	-67.1%	-20.7%
7	1.3	-68.1%	-21.5%
8	12.1	-58.7%	1.6%
9	7.8	-45.3%	1.5%
10	15.2	-37.6%	-7.5%
11	1.2	-35.0%	-22.5%
12	21.4	-41.2%	-41.3%
13	1.2	-56.1%	-44.5%
14	0.4	-66.1%	-48.5%
15	6.5	-76.3%	-47.3%
16	0.5	-62.5%	-11.2%



Product model:
Product number:
Tester:
Remarks:

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



Product model:
Product number:
Tester:
Remarks:

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