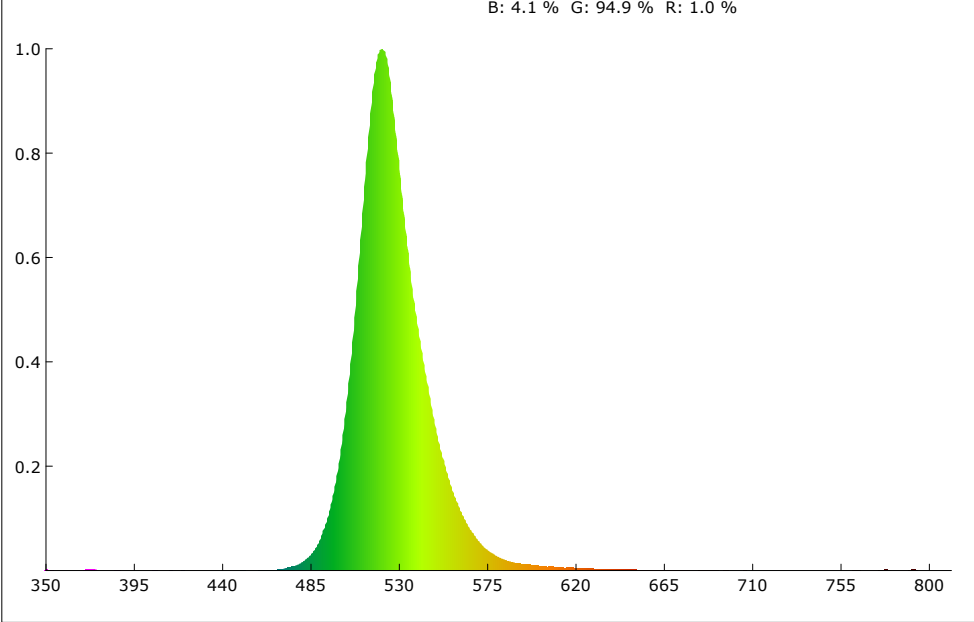
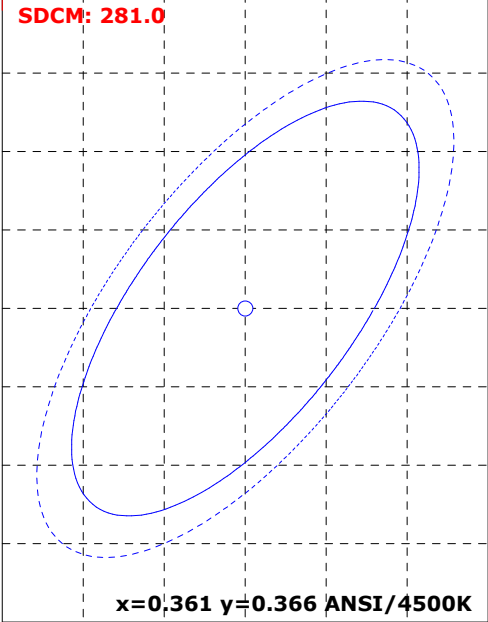


Spectrogram



SDCM



Color Parameter:

x: 0.1759 y: 0.7372 u: 0.0612 v: 0.3848 u': 0.0612 v': 0.5772
R_ratio: 1.0 % G_ratio: 94.9 % B_ratio: 4.1 % RedRatio: 0.4 % GreenRatio: 99.3 % BlueRatio: 0.3 %

Ra: -28.1 AvgR: -40.1
R1: -34.8 R2: -13.3 R3: -31.6 R4: -70.2 R5: -10.8 R6: -18.7 R7: -11.6 R8: -34.1
R9: -99.0 R10: -99.0 R11: -99.0 R12: -37.8 R13: -41.8 R14: 33.9 R15: -33.1

CCT: 7665 K Flux: 754.540 lm PeakWave: 521.6 nm SDCM: 281.0
S/P: 2.7 CentralWave: 523.4 nm DominantWave: 529.1 nm CentroidWave: 527.7 nm
HalfWidth: 30.3 nm duv: 0.15728 purity: 84.7 % CQS: 0.2
LER(TM-30): 503.9 Ep: 1497.4 mw Rg: 6.6 Rf: 0.6
Red Ep: 14.3 mw Near red Ep: 1.3 mw Near infrared Ep: 0.7 mw

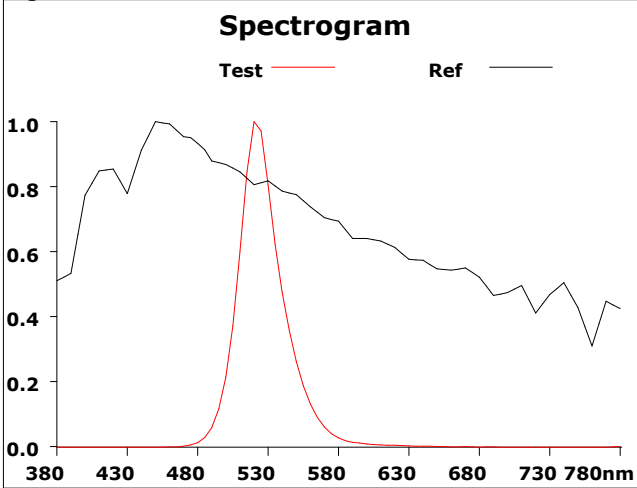
Electrical parameters:

Effic: 12.4 lm/W Energy: 13.6 Effi: G
U: 219.5 V I: 0.449 A P: 60.610 W Pf: 0.614

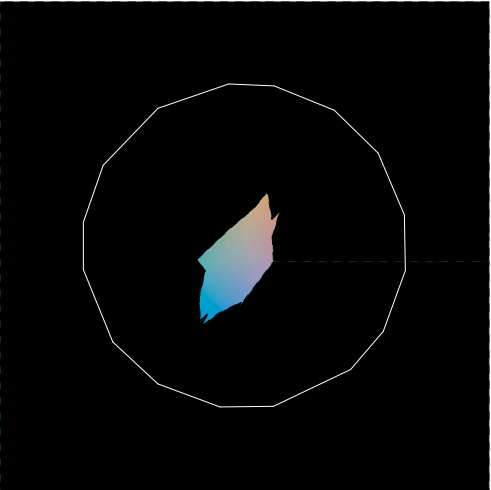
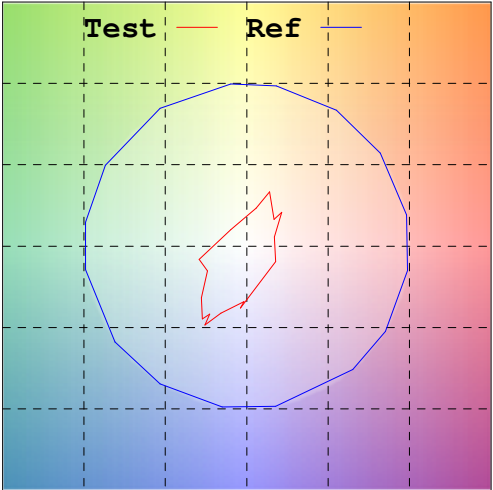
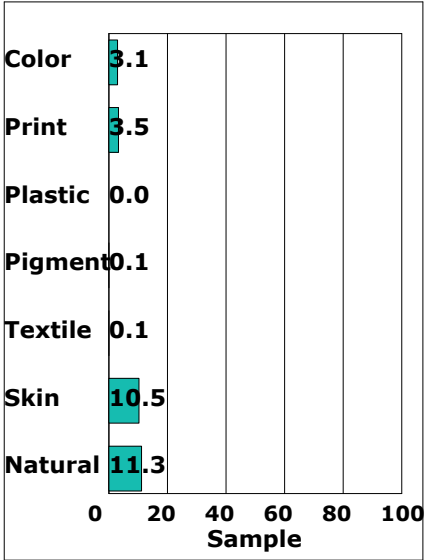
Product model:
Product number:
Tester:
Remarks:

Manufacturer: Guangzhou Hotion Technology Co.,
Test unit:
Date of observation: 03/19/14

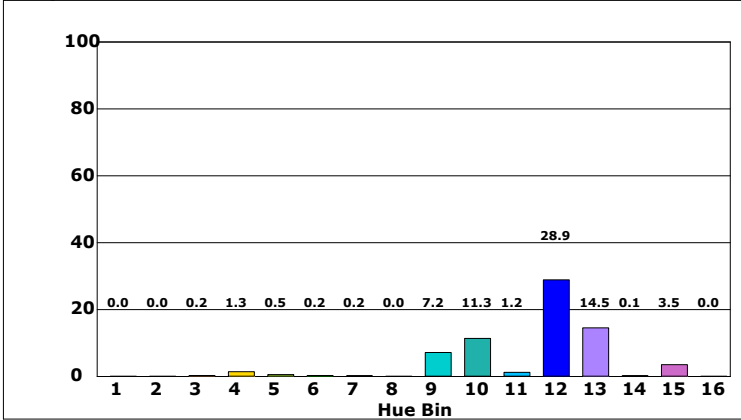
Rf: 0.6 CCT: 7665K u': 0.0612
Rg: 6.6 LER: 503.9 Duv: 0.15728 v': 0.5772



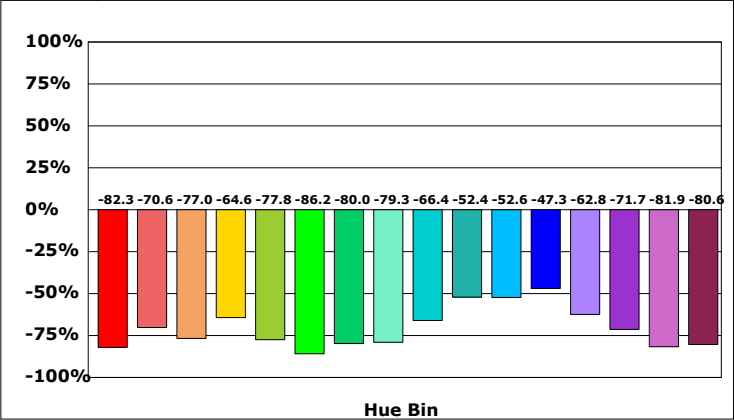
500			
Hue Bin	Rf	Chroma	Hue
1	0.0	-82.3%	2.4%
2	0.0	-70.6%	3.4%
3	0.2	-77.0%	-5.3%
4	1.3	-64.6%	-8.5%
5	0.5	-77.8%	-0.3%
6	0.2	-86.2%	5.2%
7	0.2	-80.0%	16.0%
8	0.0	-79.3%	14.8%
9	7.2	-66.4%	30.8%
10	11.3	-52.4%	18.1%
11	1.2	-52.6%	1.5%
12	28.9	-47.3%	-20.2%
13	14.5	-62.8%	-21.8%
14	0.1	-71.7%	-32.4%
15	3.5	-81.9%	-37.4%
16	0.0	-80.6%	-10.3%



Rf by Bue

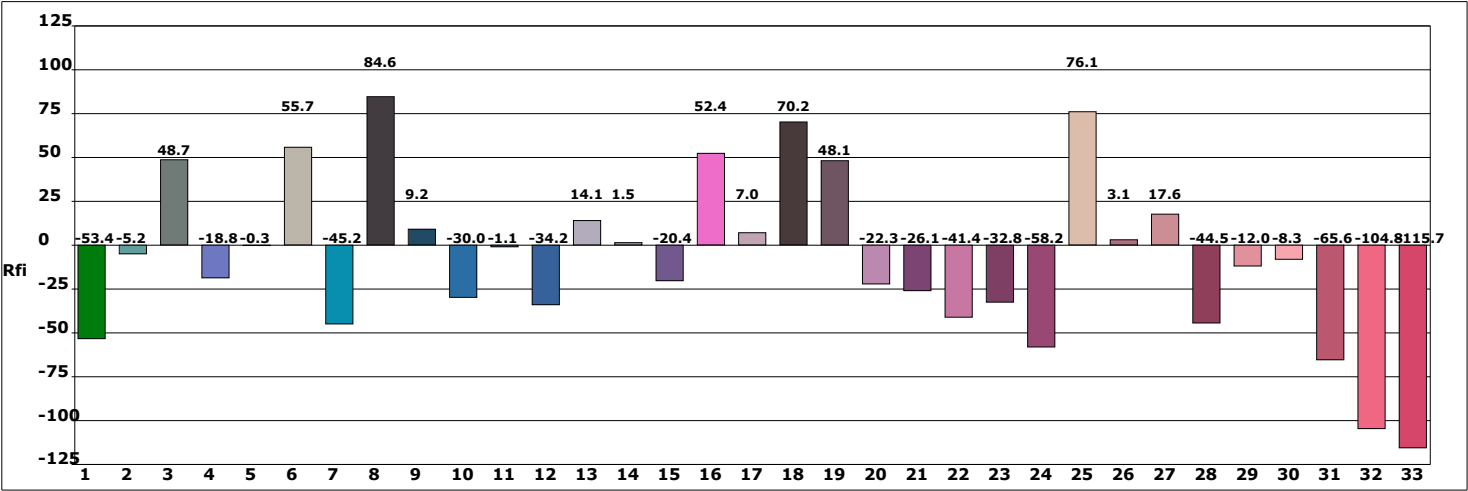
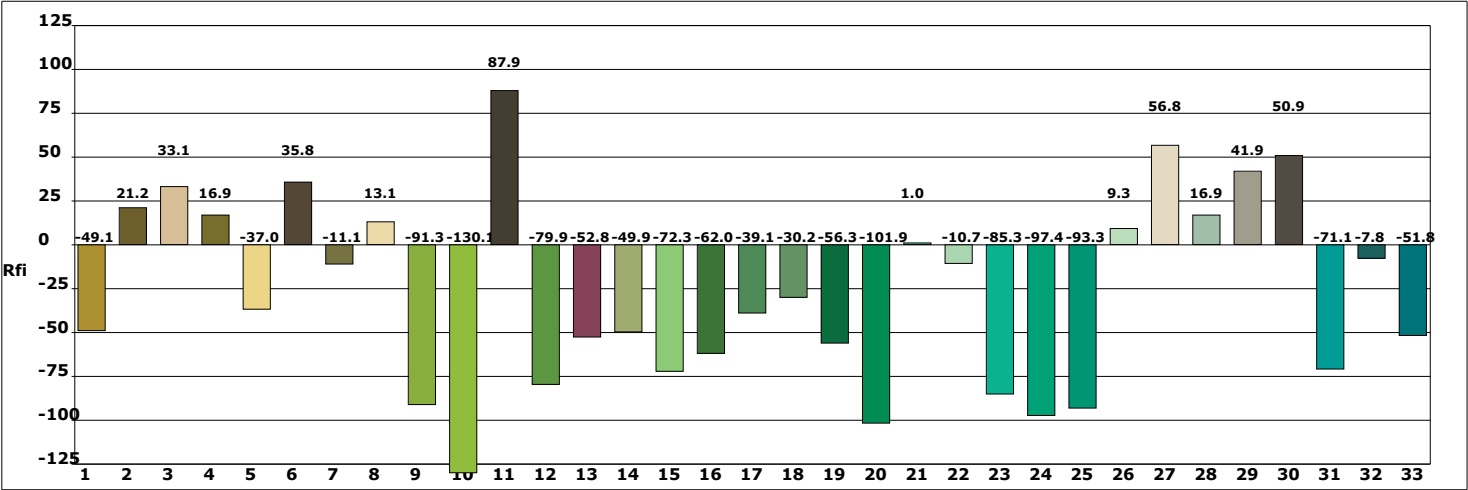
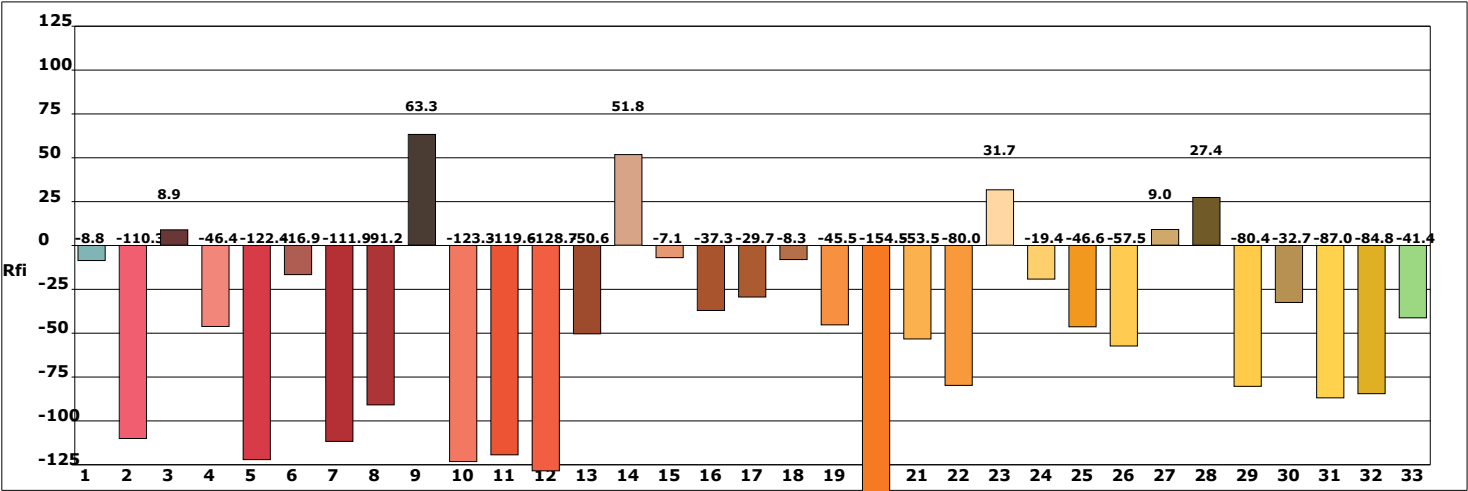


Chroma by Bue



Product model:
Product number:
Tester:
Remarks:

Manufacturer: Guangzhou Hotion Technology Co.,
Test unit:
Date of observation: 03/19/14



Product model:
Product number:
Tester:
Remarks:

Manufacturer: Guangzhou Hotion Technology Co.,
Test unit:
Date of observation: 03/19/14