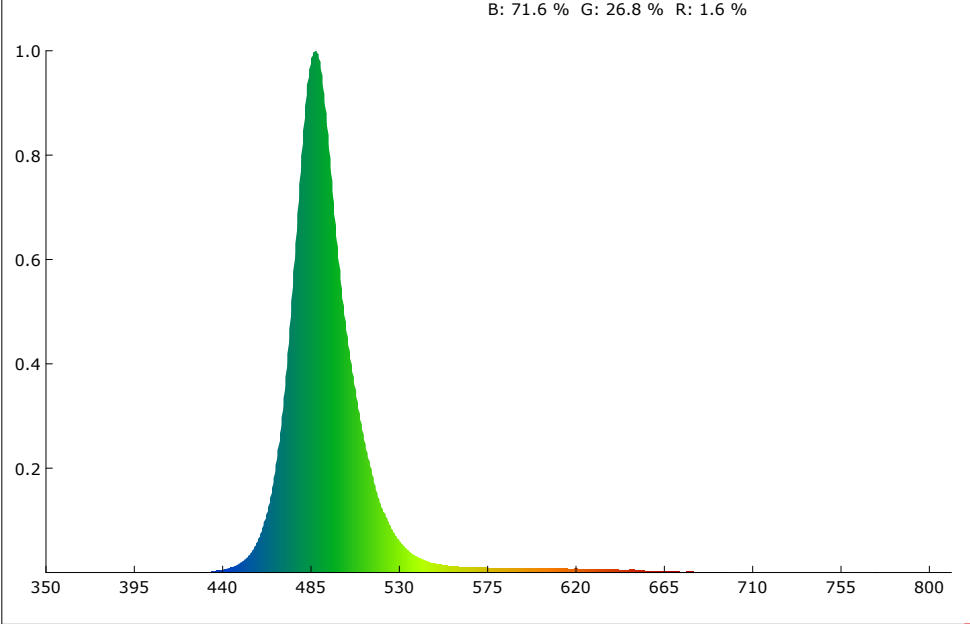
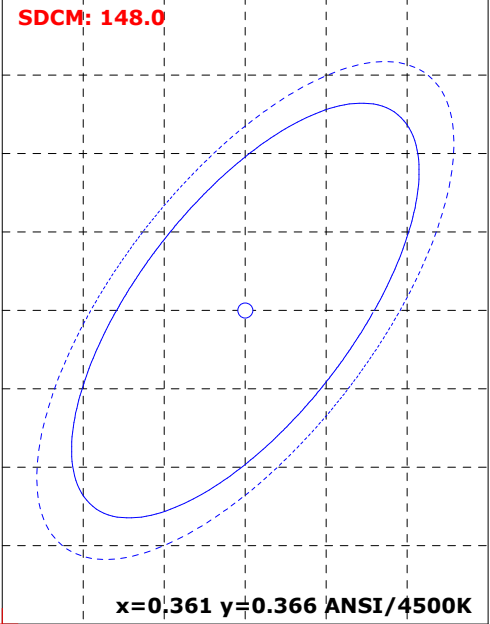


Spectrogram



SDCM



Color Parameter:

x: 0.0973 y: 0.3091 u: 0.0597 v: 0.2847 u': 0.0597 v': 0.4270
R_ratio: 1.6 % G_ratio: 26.8 % B_ratio: 71.6 % RedRatio: 1.5 % GreenRatio: 72.6 % BlueRatio: 25.9 %

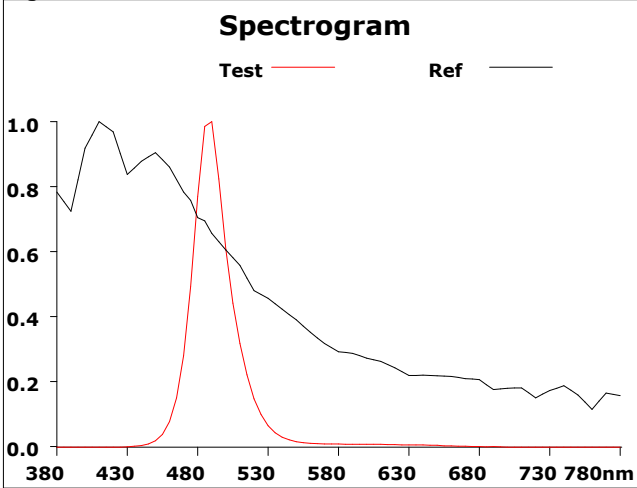
Ra: -15.1 AvgR: -26.3
R1: 2.6 R2: -5.2 R3: -60.0 R4: -46.5 R5: 20.8 R6: -15.1 R7: -10.9 R8: -7.0
R9: -99.0 R10: -99.0 R11: -54.1 R12: -21.3 R13: -14.6 R14: 9.6 R15: 4.7

CCT: 99999 K Flux: 333.039 lm PeakWave: 487.6 nm SDCM: 148.0
S/P: 7.5 CentralWave: 489.0 nm DominantWave: 490.4 nm CentroidWave: 495.1 nm
HalfWidth: 26.9 nm duv: 0.00685 purity: 81.5 % CQS: 4.6
LER(TM-30): 191.6 Ep: 1738.6 mw Rg: 19.7 Rf: 1.8
Red Ep: 27.8 mw Near red Ep: 0.6 mw Near infrared Ep: 0.0 mw

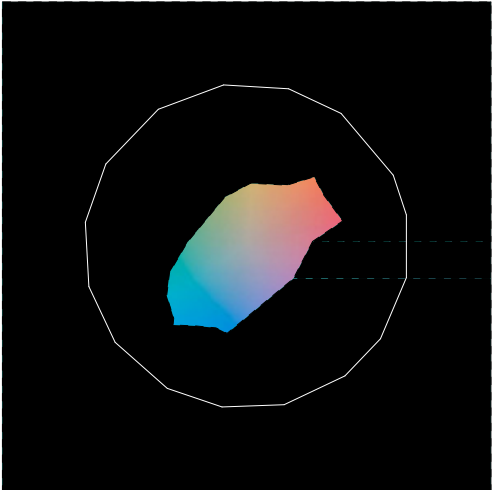
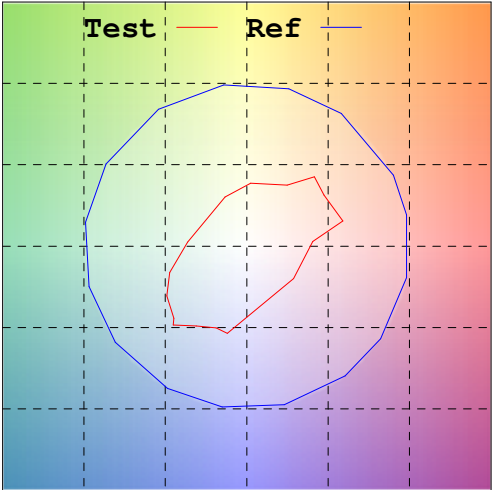
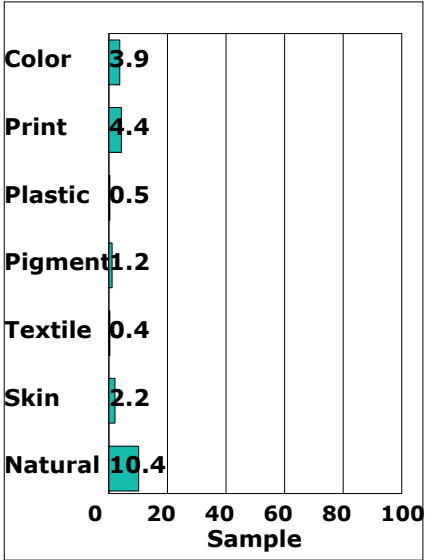
Electrical parameters:

Effic: 5.8 lm/W Energy: 6.3 Effi: G
U: 219.5 V I: 0.425 A P: 57.370 W Pf: 0.614

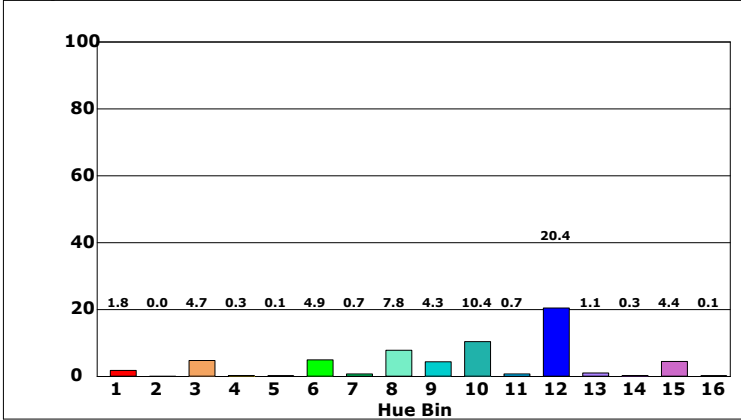
Rf: 1.8 CCT: 99999K u': 0.0597
Rg: 19.7 LER: 191.6 Duv: 0.00685 v': 0.4270



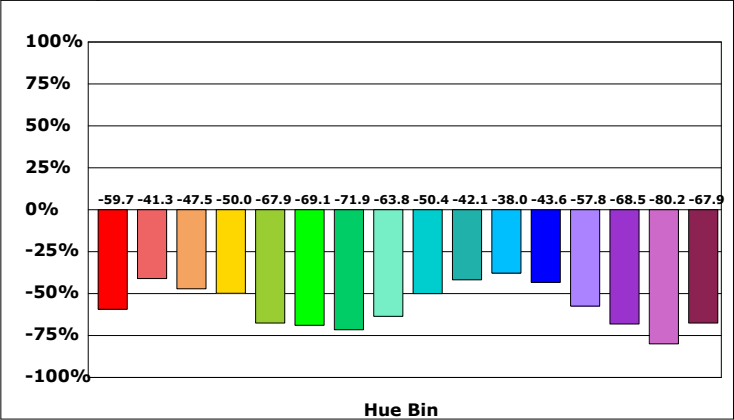
500			
Hue Bin	Rf	Chroma	Hue
1	1.8	-59.7%	-4.7%
2	0.0	-41.3%	-6.0%
3	4.7	-47.5%	-19.0%
4	0.3	-50.0%	-25.9%
5	0.1	-67.9%	-26.2%
6	4.9	-69.1%	-21.9%
7	0.7	-71.9%	-23.8%
8	7.8	-63.8%	-0.3%
9	4.3	-50.4%	1.3%
10	10.4	-42.1%	-6.2%
11	0.7	-38.0%	-20.7%
12	20.4	-43.6%	-39.3%
13	1.1	-57.8%	-43.6%
14	0.3	-68.5%	-49.5%
15	4.4	-80.2%	-49.5%
16	0.1	-67.9%	-14.1%



Rf by Bue

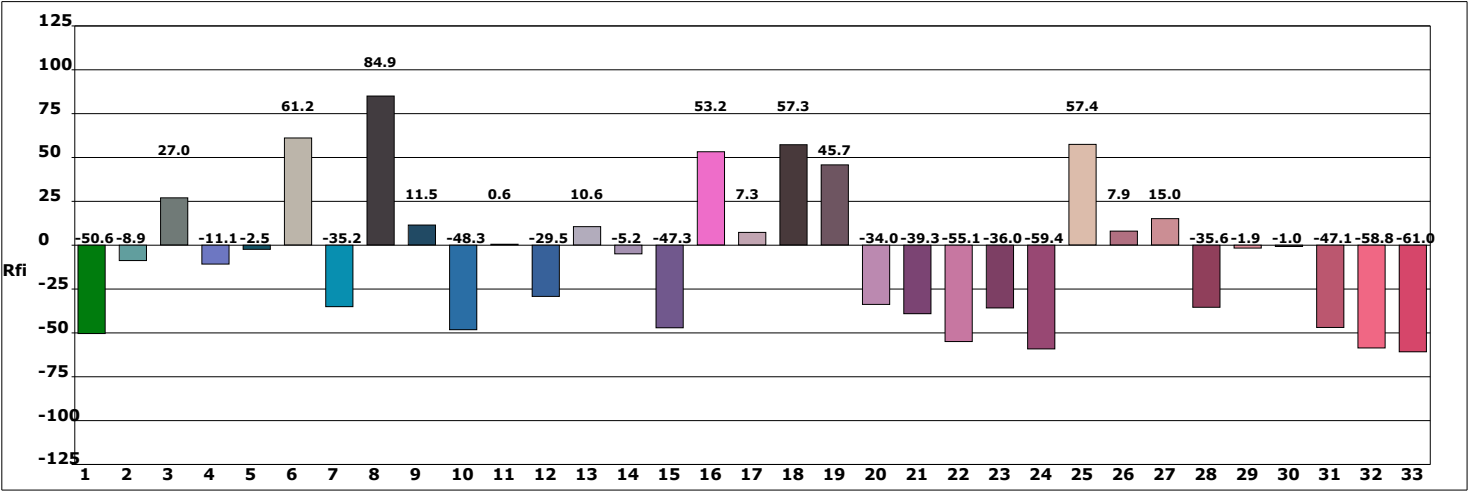
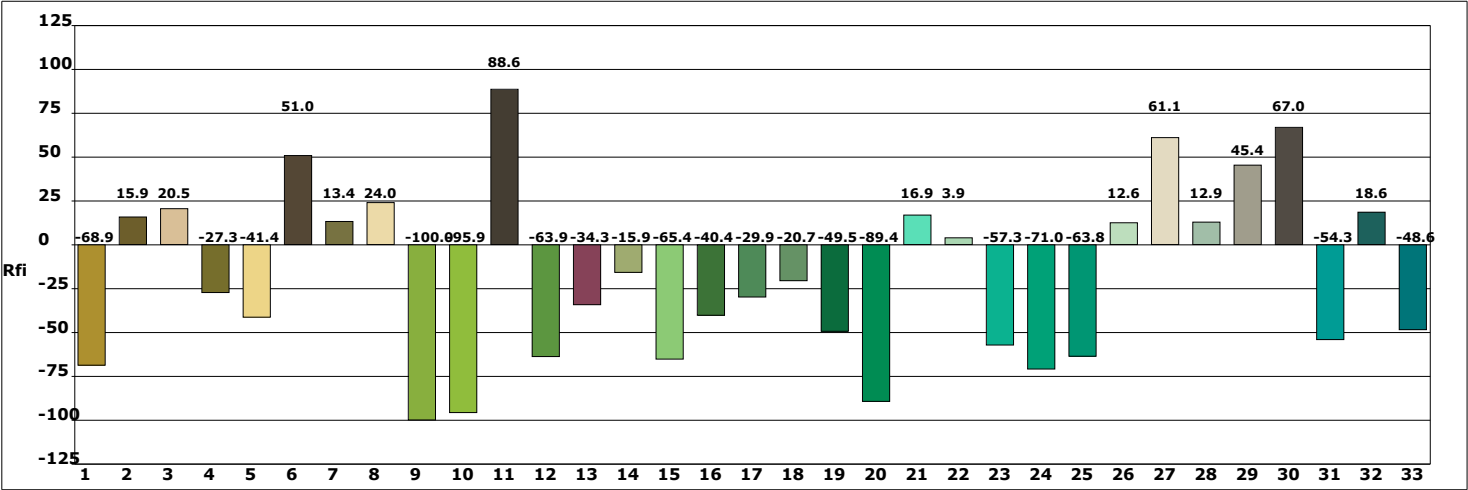
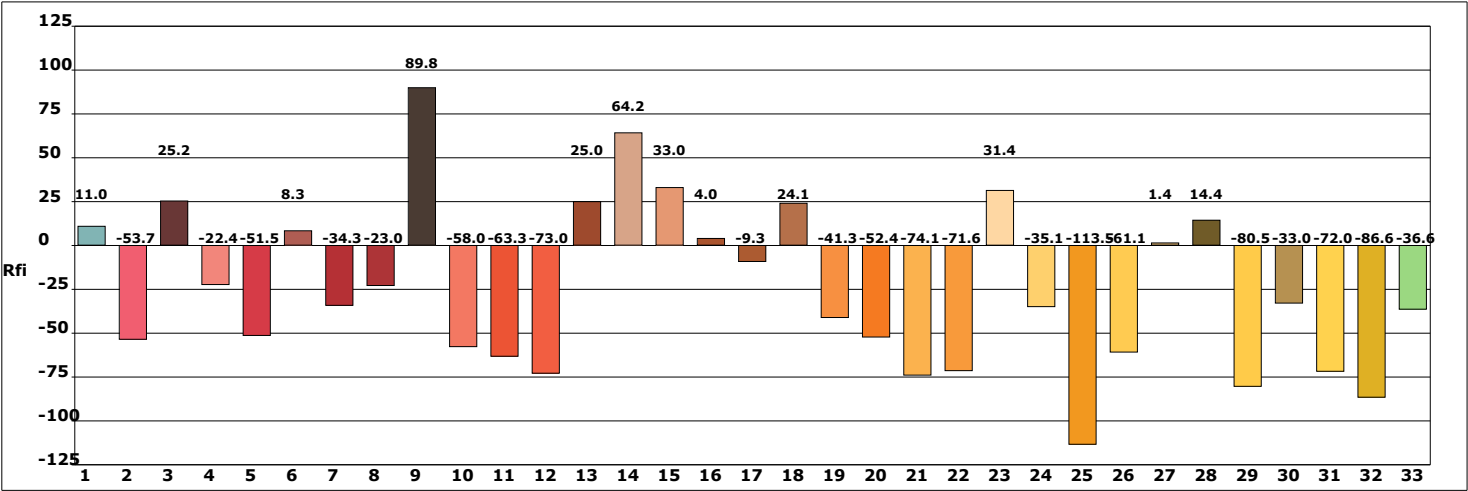


Chroma by Bue



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