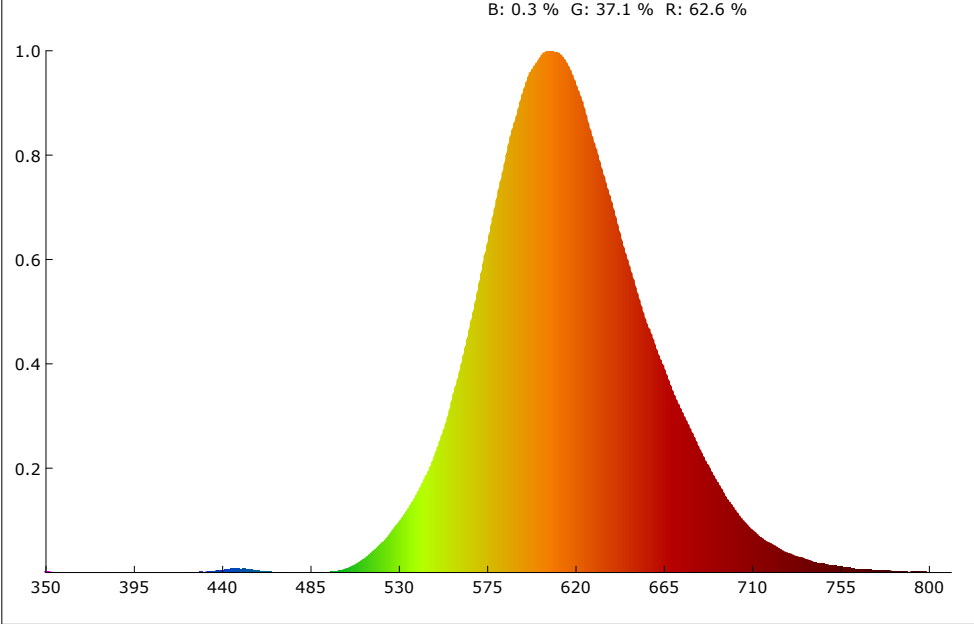
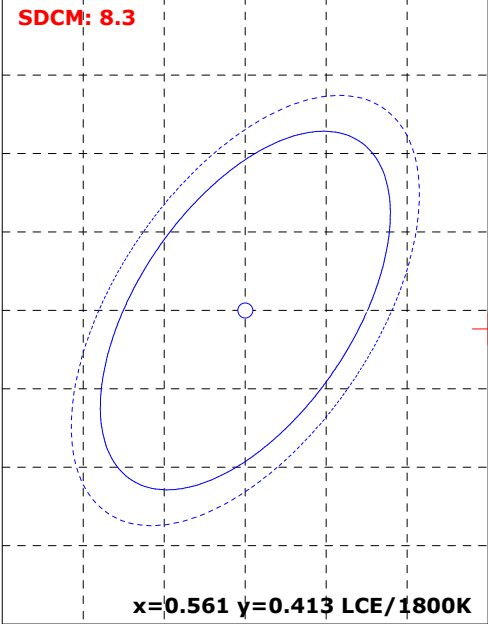


Spectrogram



SDCM



Color Parameter:

x: 0.5755 y: 0.4188 u: 0.3349 v: 0.3655 u': 0.3349 v': 0.5483
R_ratio: 62.6 % G_ratio: 37.1 % B_ratio: 0.3 % RedRatio: 34.3 % GreenRatio: 65.7 % BlueRatio: 0.0 %

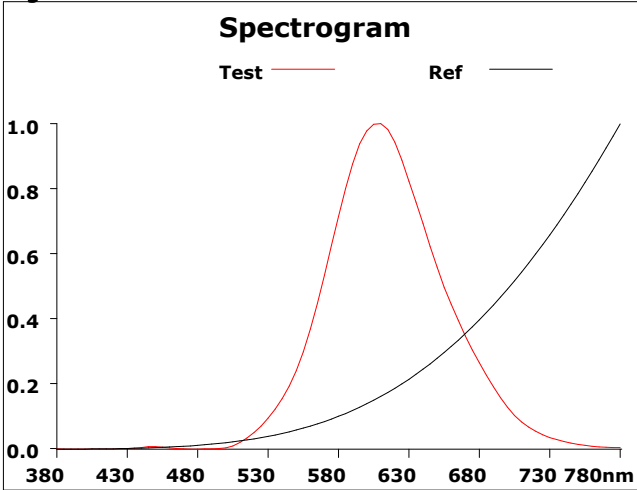
Ra: 52.6 AvgR: 41.3
R1: 45.5 R2: 73.6 R3: 88.9 R4: 34.5 R5: 40.0 R6: 64.3 R7: 62.9 R8: 11.4
R9: -70.6 R10: 47.5 R11: 15.9 R12: 25.0 R13: 48.1 R14: 94.4 R15: 38.3

CCT: 1687 K Flux: 1398.109 lm PeakWave: 608.7 nm SDCM: 8.3
S/P: 0.4 CentralWave: 611.2 nm DominantWave: 590.7 nm CentroidWave: 615.4 nm
HalfWidth: 86.2 nm duv: 0.00501 purity: 98.5 % CQS: 29.5
LER(TM-30): 324.0 Ep: 4314.6 mw Rg: 44.2 Rf: 44.6
Red Ep: 2617.4 mw Near red Ep: 127.2 mw Near infrared Ep: 3.1 mw

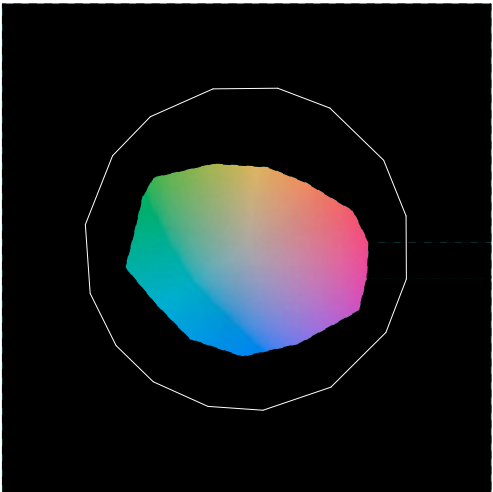
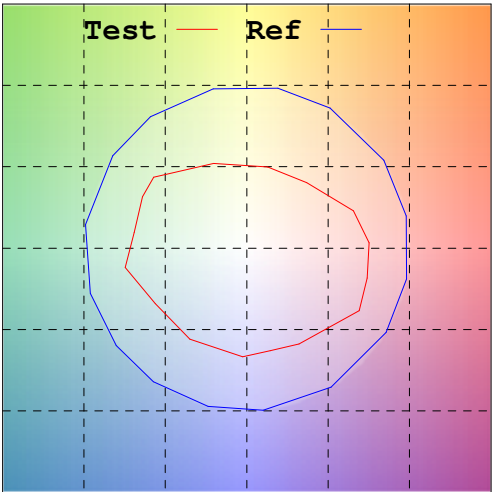
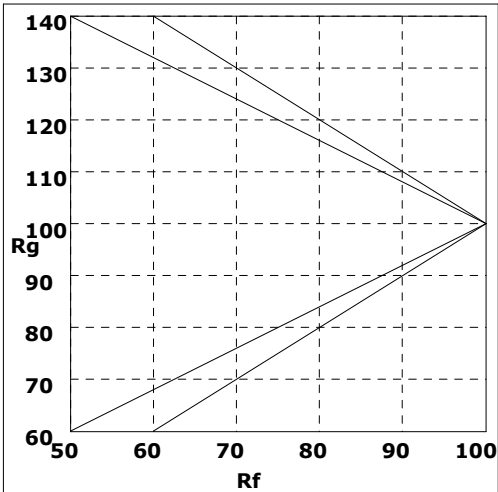
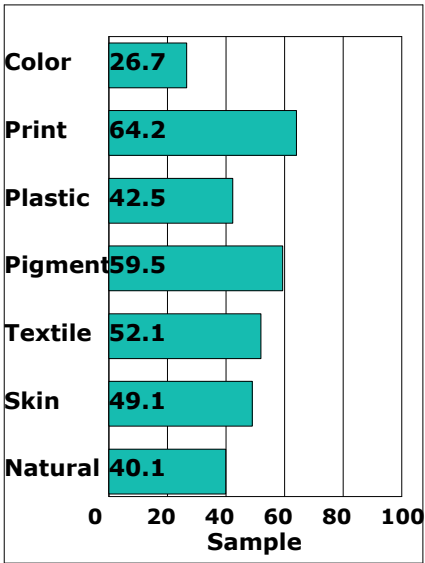
Electrical parameters:

Effic: 13.7 Lm/W Energy: 14.9 Effi: G
U: 219.5 V I: 0.715 A P: 102.300 W Pf: 0.651

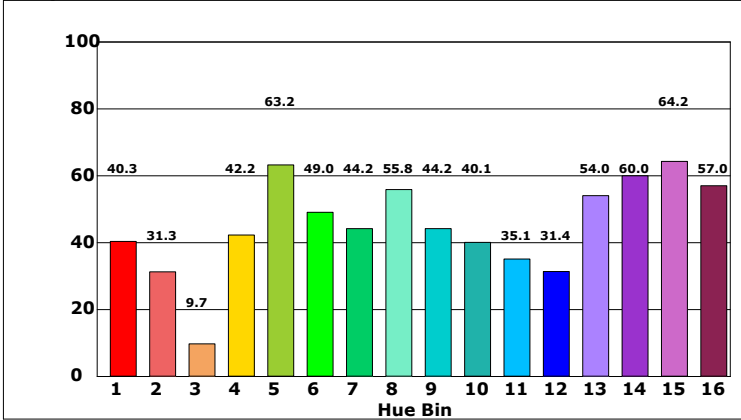
Rf: 44.6 CCT: 1687K u': 0.3349
Rg: 44.2 LER: 324.0 Duv: 0.00501 v': 0.5483



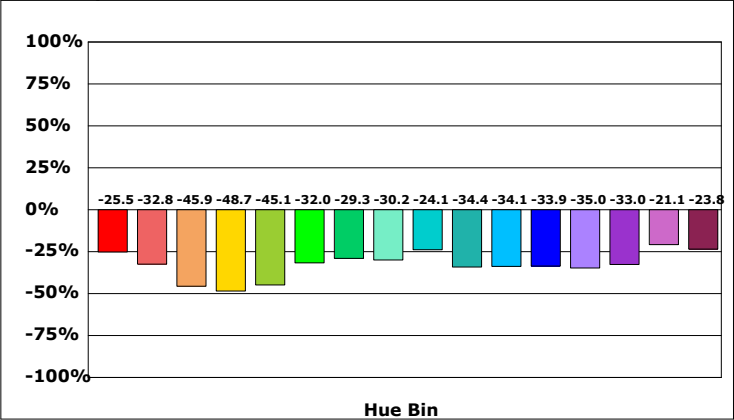
500			
Hue Bin	Rf	Chroma	Hue
1	40.3	-25.5%	-11.7%
2	31.3	-32.8%	-15.4%
3	9.7	-45.9%	-13.6%
4	42.2	-48.7%	-3.4%
5	63.2	-45.1%	8.7%
6	49.0	-32.0%	19.2%
7	44.2	-29.3%	10.8%
8	55.8	-30.2%	-1.0%
9	44.2	-24.1%	-11.4%
10	40.1	-34.4%	-8.0%
11	35.1	-34.1%	4.0%
12	31.4	-33.9%	14.9%
13	54.0	-35.0%	11.3%
14	60.0	-33.0%	-1.6%
15	64.2	-21.1%	1.9%
16	57.0	-23.8%	-4.3%



Rf by Bue

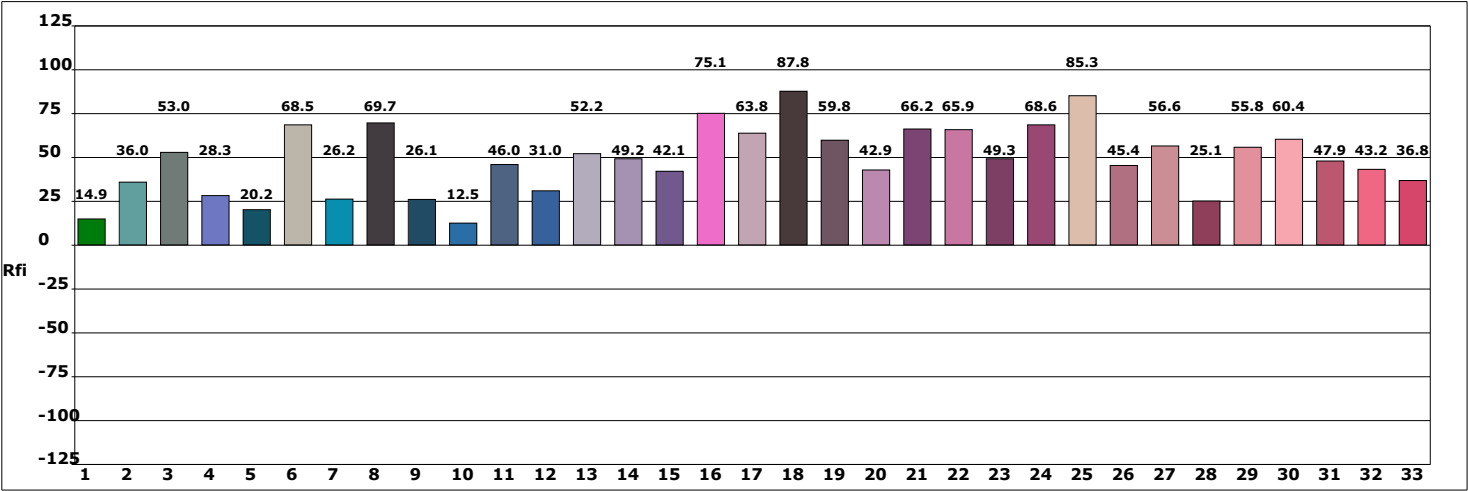
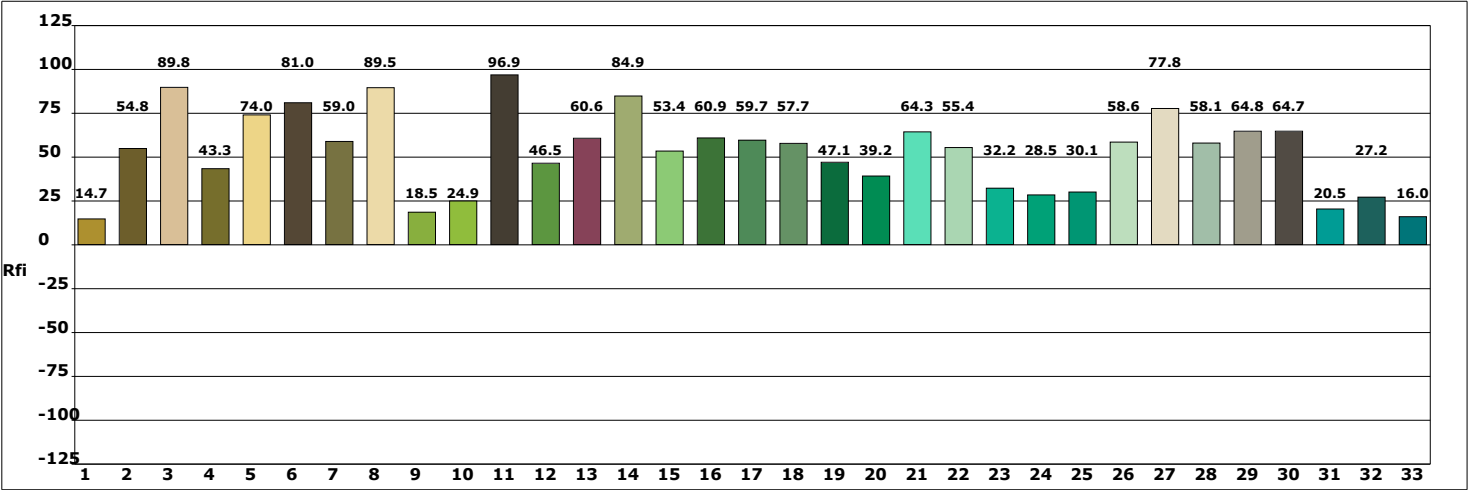
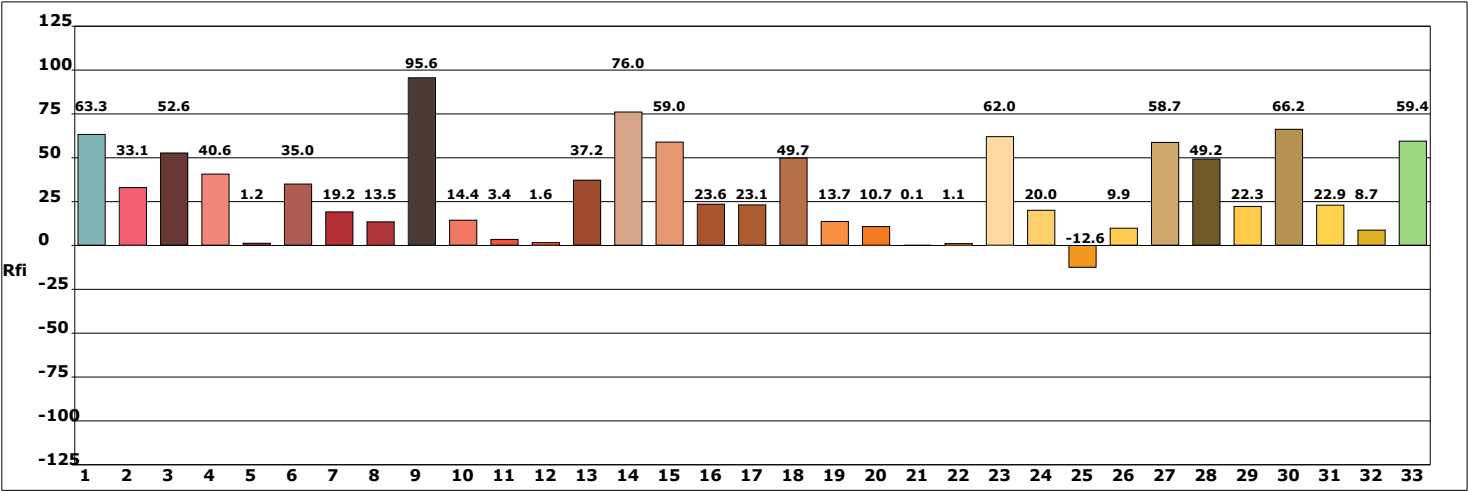


Chroma by Bue



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