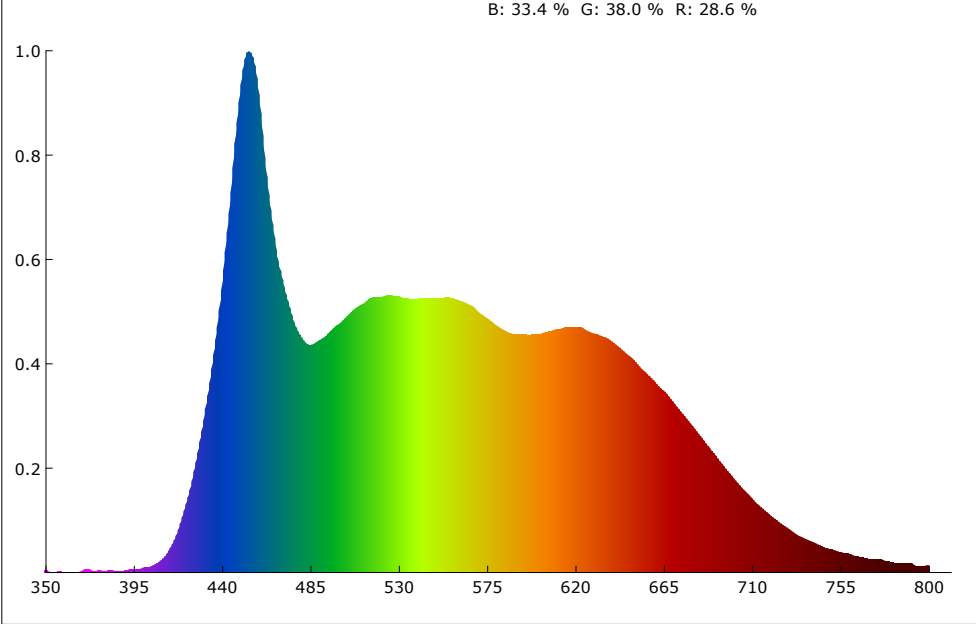
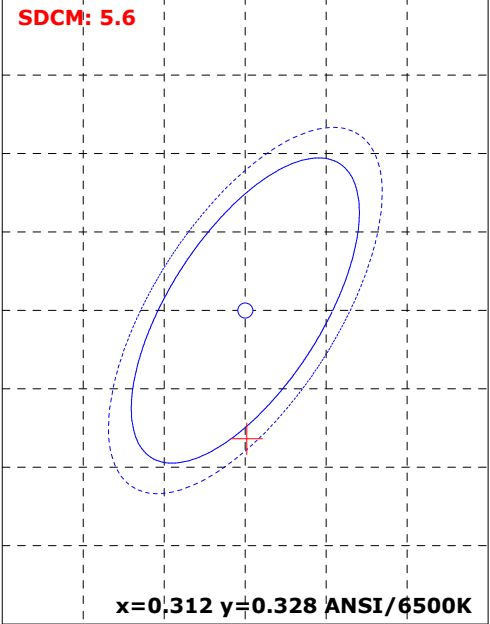


Spectrogram



SDCM



Color Parameter:

x: 0.3124 y: 0.3200 u: 0.2011 v: 0.3089 u': 0.2011 v': 0.4633
R_ratio: 28.6 % G_ratio: 38.0 % B_ratio: 33.4 % RedRatio: 15.4 % GreenRatio: 79.6 % BlueRatio: 5.0 %

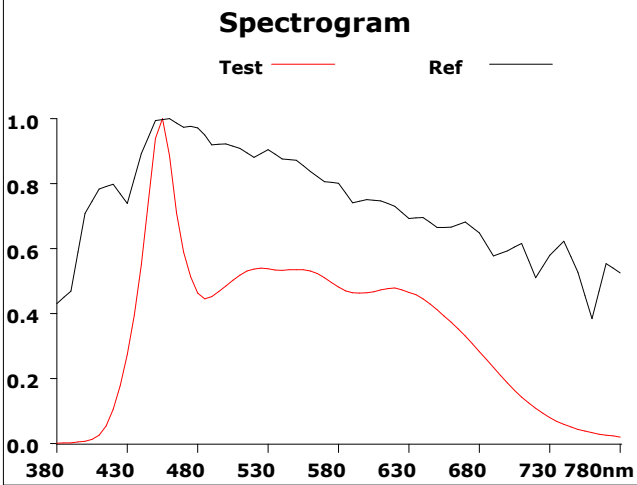
Ra: 97.2 AvgR: 95.7
R1: 96.6 R2: 98.2 R3: 96.0 R4: 98.8 R5: 96.9 R6: 94.8 R7: 98.5 R8: 97.8
R9: 93.8 R10: 96.9 R11: 97.7 R12: 78.7 R13: 97.8 R14: 97.5 R15: 95.6

CCT: 6595 K Flux: 6585.822 lm PeakWave: 454.5 nm SDCM: 5.6
S/P: 2.4 CentralWave: 457.0 nm DominantWave: 483.0 nm CentroidWave: 554.3 nm
HalfWidth: 36.2 nm duv: -0.00140 purity: 8.2 % CQS: 91.7
LER(TM-30): 260.9 Ep: 25241.7 mw Rg: 100.2 Rf: 92.2
Red Ep: 6893.0 mw Near red Ep: 1071.6 mw Near infrared Ep: 63.2 mw

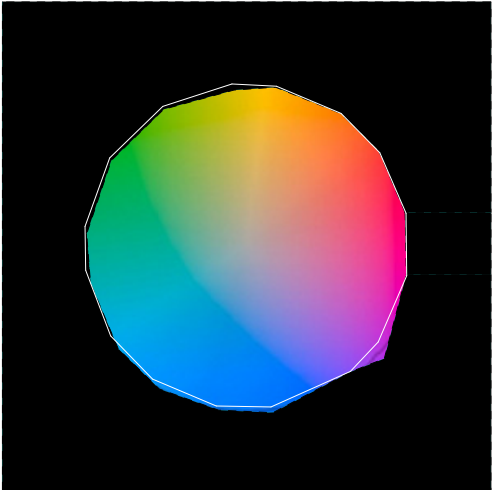
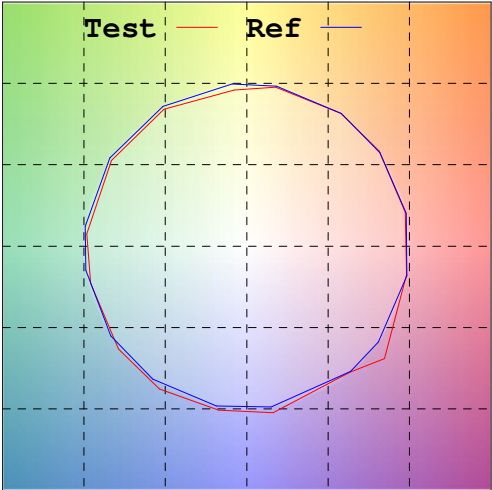
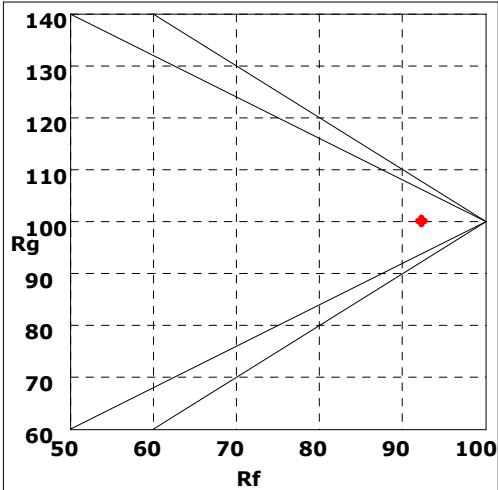
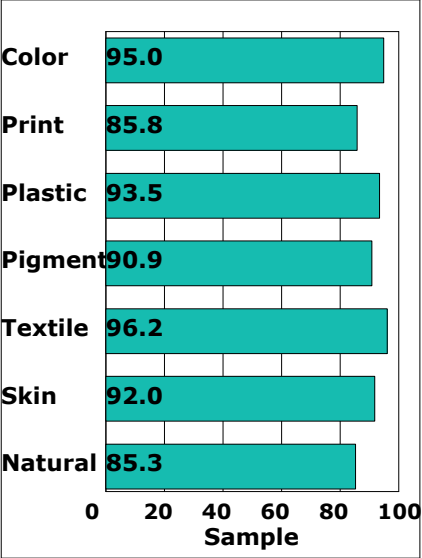
Electrical parameters:

Effic: 27.5 Lm/W Energy: 30.0 Effi: G
U: 219.7 V I: 1.547 A P: 239.300 W Pf: 0.704

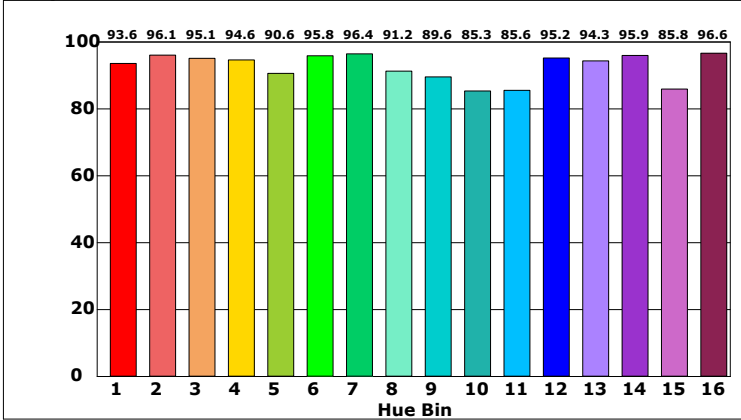
Rf: 92.2 CCT: 6595K u': 0.2011
Rg: 100.2 LER: 260.9 Duv: -0.00140 v': 0.4633



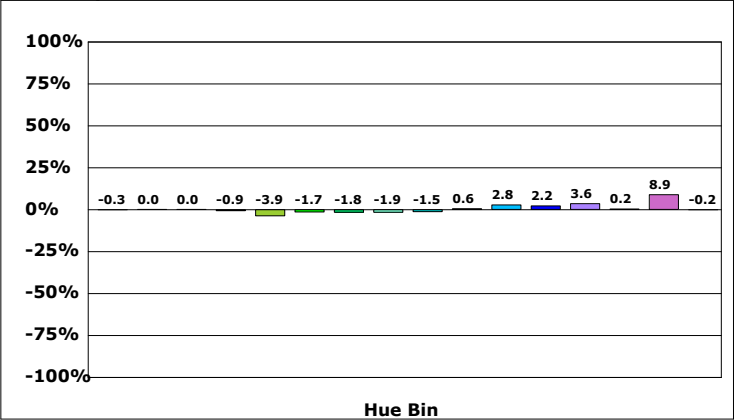
500			
Hue Bin	Rf	Chroma	Hue
1	93.6	-0.3%	0.8%
2	96.1	0.0%	1.4%
3	95.1	0.0%	0.1%
4	94.6	-0.9%	0.4%
5	90.6	-3.9%	-0.5%
6	95.8	-1.7%	0.4%
7	96.4	-1.8%	0.8%
8	91.2	-1.9%	4.2%
9	89.6	-1.5%	8.4%
10	85.3	0.6%	9.4%
11	85.6	2.8%	6.9%
12	95.2	2.2%	1.9%
13	94.3	3.6%	0.6%
14	95.9	0.2%	-0.5%
15	85.8	8.9%	-6.4%
16	96.6	-0.2%	0.4%



Rf by Bue

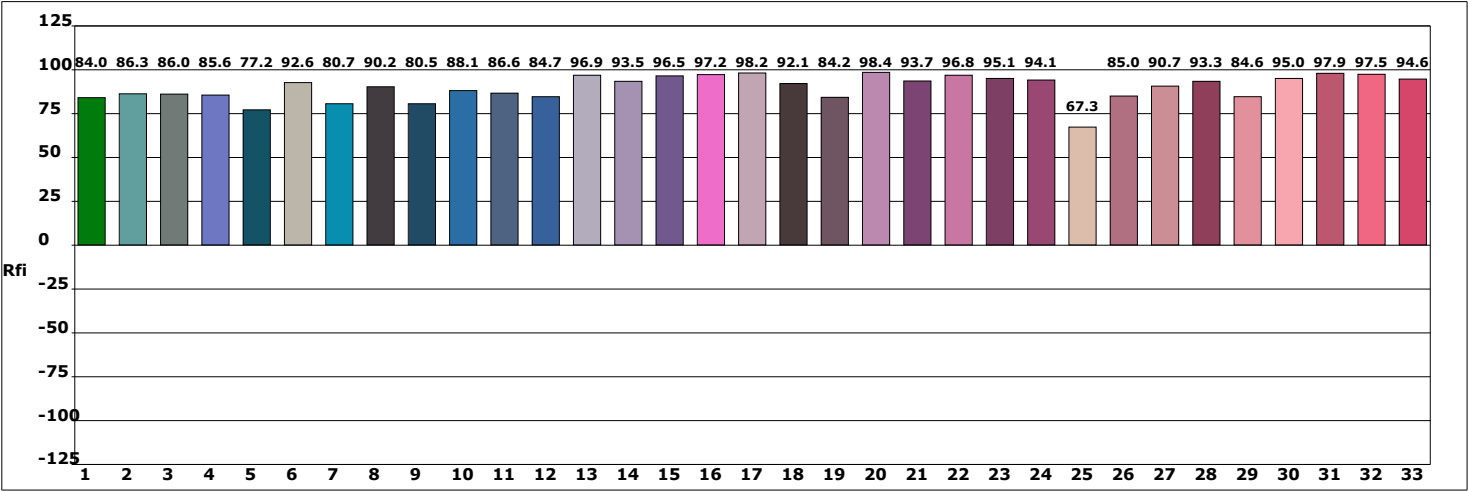
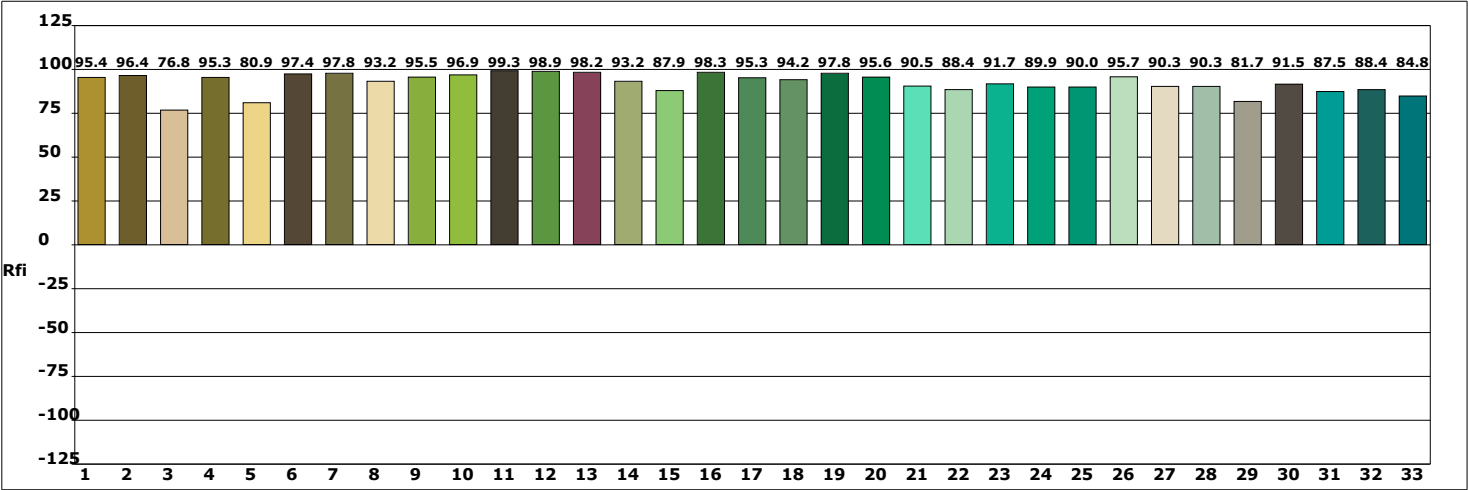
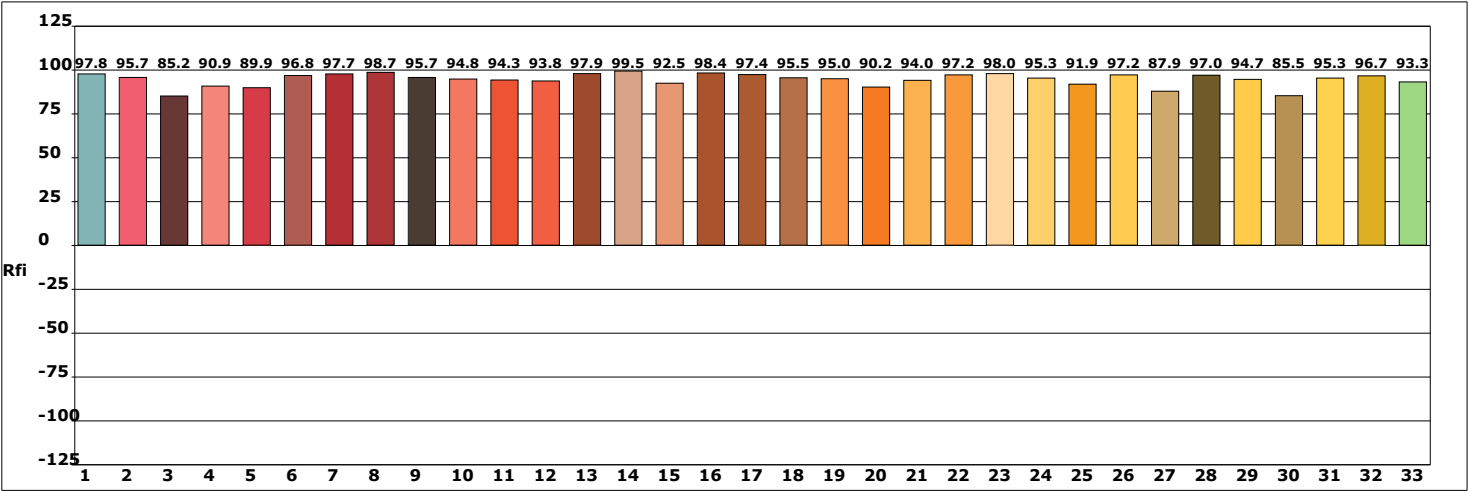


Chroma by Bue



Product model:
Product number:
Tester:
Remarks:

Manufacturer: Guangzhou Hotion Technology Co.,
Test unit:
Date of observation: 06/29/14



Product model:
Product number:
Tester:
Remarks:

Manufacturer: Guangzhou Hotion Technology Co.,
Test unit:
Date of observation: 06/29/14