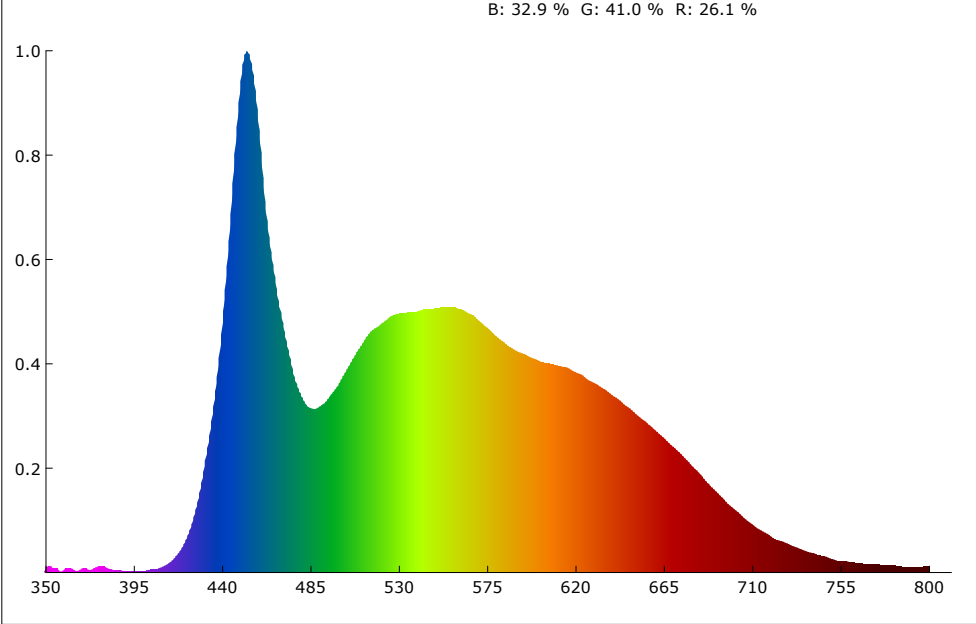
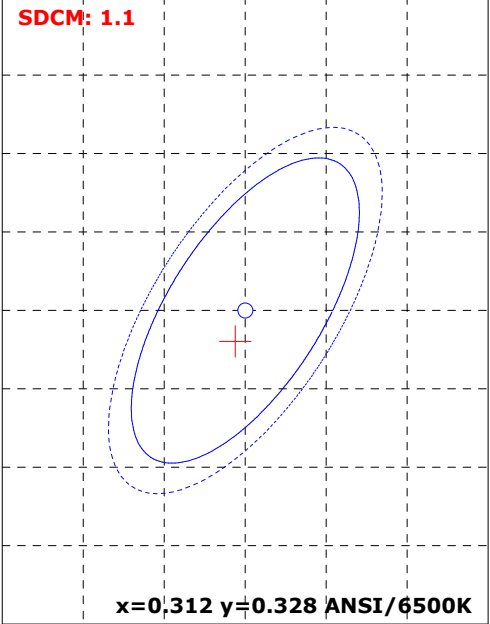


Spectrogram



SDCM



Color Parameter:

x: 0.3117 y: 0.3262 u: 0.1982 v: 0.3111 u': 0.1982 v': 0.4667
R_ratio: 26.1 % G_ratio: 41.0 % B_ratio: 32.9 % RedRatio: 14.0 % GreenRatio: 81.4 % BlueRatio: 4.6 %

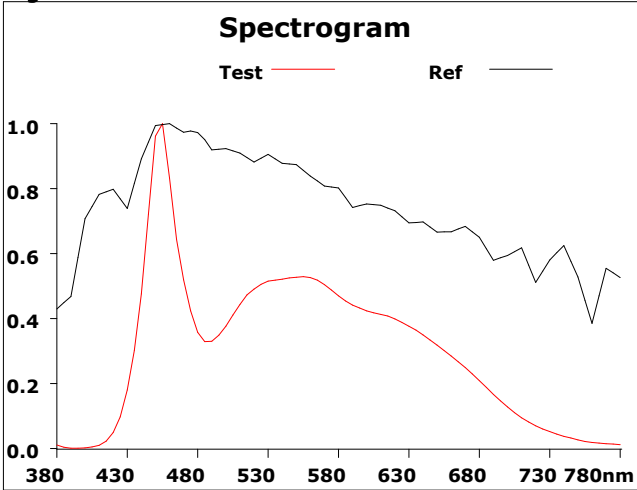
Ra: 90.6 AvgR: 86.7
R1: 90.2 R2: 92.9 R3: 91.8 R4: 89.8 R5: 89.4 R6: 87.9 R7: 95.1 R8: 87.9
R9: 64.1 R10: 81.0 R11: 88.3 R12: 64.7 R13: 91.3 R14: 95.4 R15: 90.3

CCT: 6584 K Flux: 23117.666 lm PeakWave: 453.3 nm SDCM: 1.1
S/P: 2.3 CentralWave: 455.3 nm DominantWave: 487.4 nm CentroidWave: 550.1 nm
HalfWidth: 28.6 nm duv: 0.00223 purity: 7.8 % CQS: 87.0
LER(TM-30): 280.0 Ep: 82573.5 mw Rg: 96.9 Rf: 86.6
Red Ep: 20750.9 mw Near red Ep: 2649.9 mw Near infrared Ep: 176.2 mw

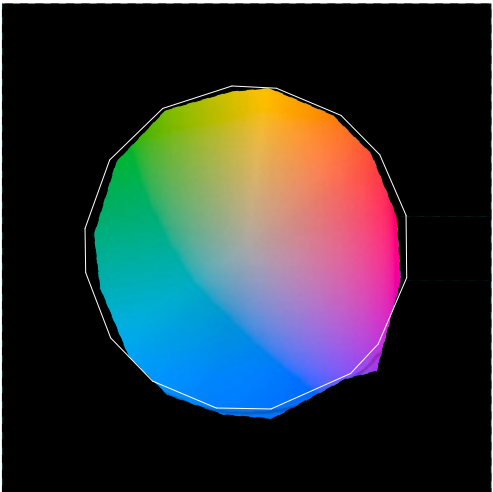
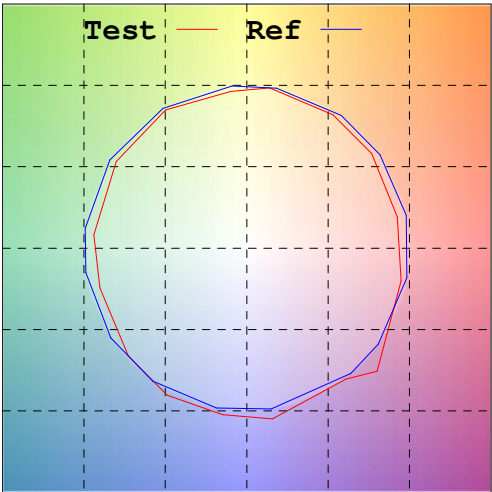
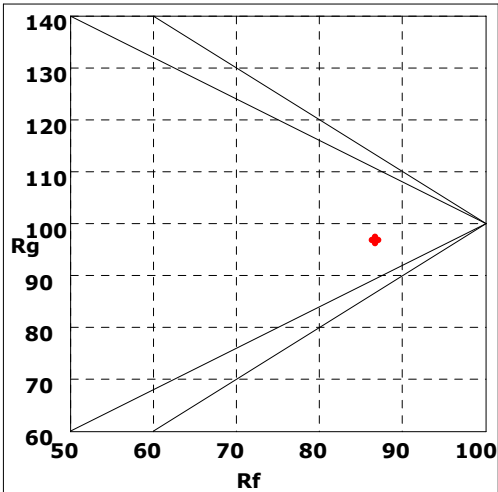
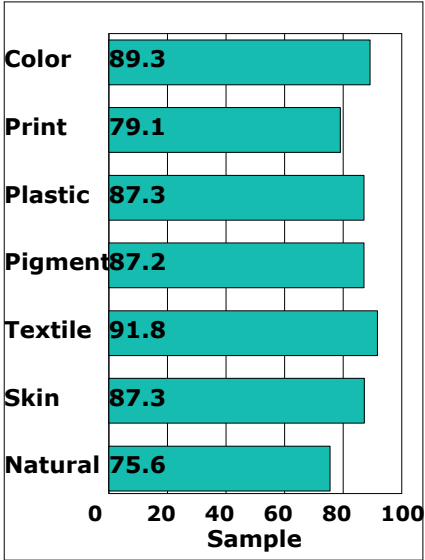
Electrical parameters:

Effic: 33503.9 Lm/W Energy: 36485.7 Effi: G
U: 221.0 V I: 0.039 A P: 0.690 W Pf: 0.080

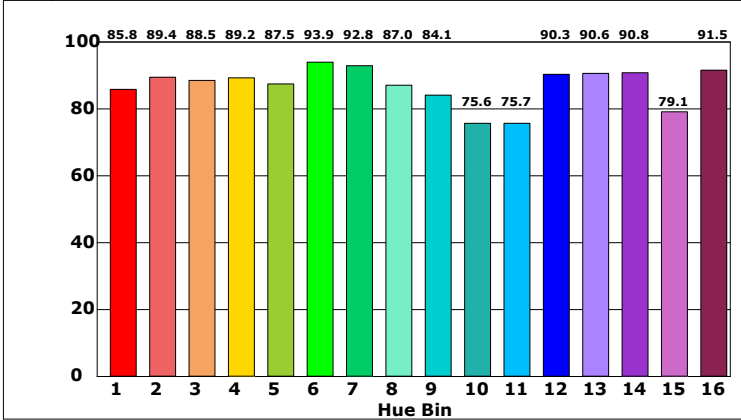
Rf: 86.6 CCT: 6584K u': 0.1982
Rg: 96.9 LER: 280.0 Duv: 0.00223 v': 0.4667



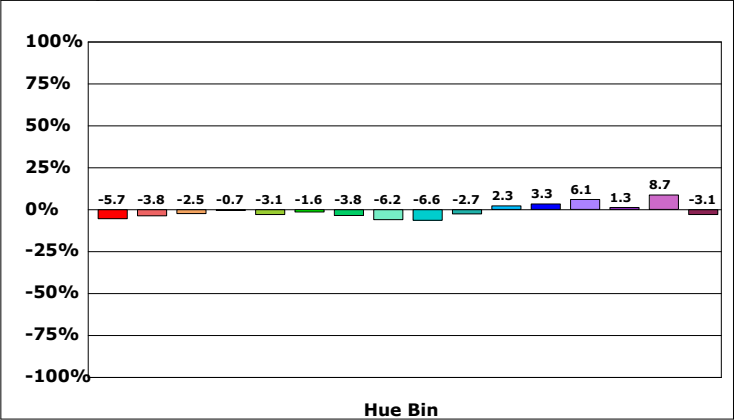
500			
Hue Bin	Rf	Chroma	Hue
1	85.8	-5.7%	0.1%
2	89.4	-3.8%	3.6%
3	88.5	-2.5%	4.4%
4	89.2	-0.7%	4.5%
5	87.5	-3.1%	1.4%
6	93.9	-1.6%	-0.9%
7	92.8	-3.8%	-1.4%
8	87.0	-6.2%	2.9%
9	84.1	-6.6%	11.0%
10	75.6	-2.7%	15.3%
11	75.7	2.3%	12.2%
12	90.3	3.3%	4.7%
13	90.6	6.1%	-0.4%
14	90.8	1.3%	-4.5%
15	79.1	8.7%	-14.3%
16	91.5	-3.1%	-2.8%



Rf by Bue

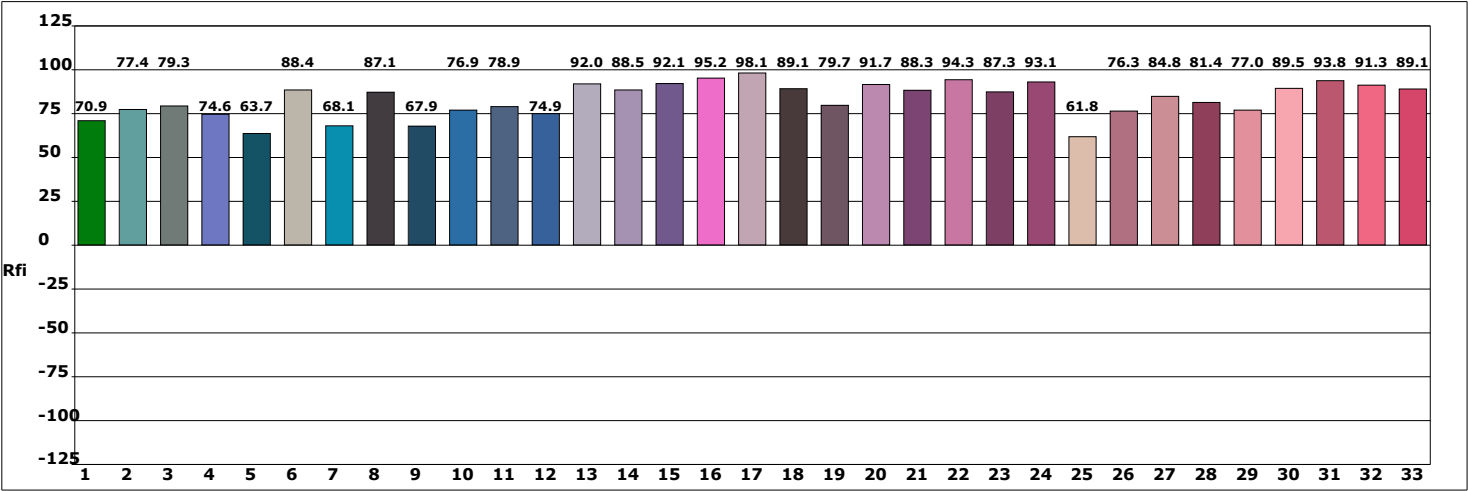
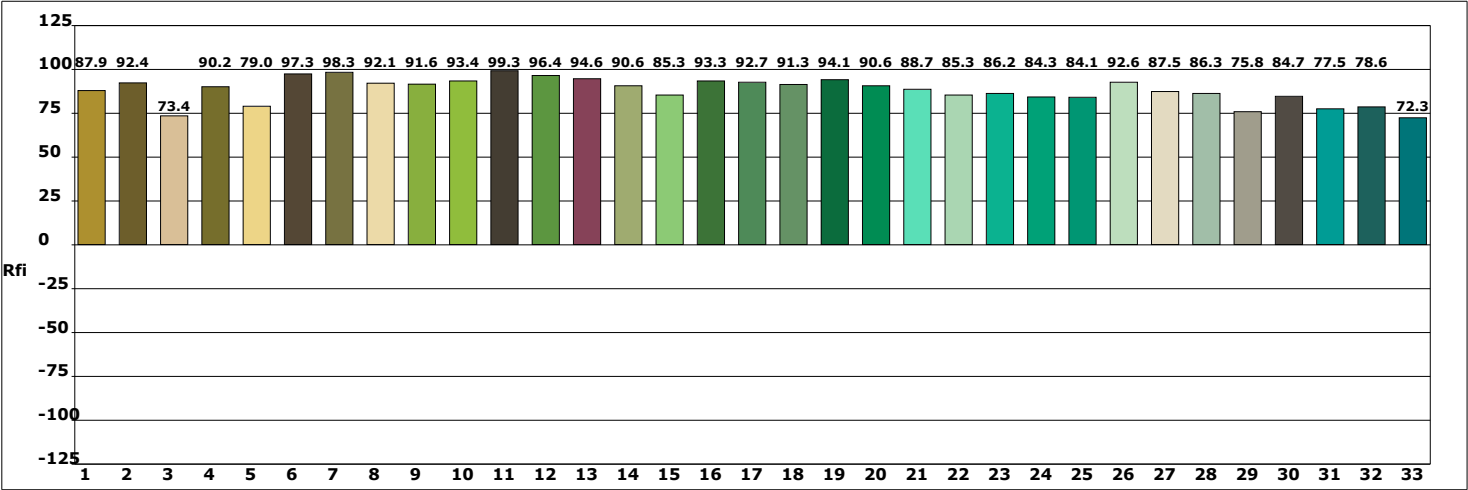
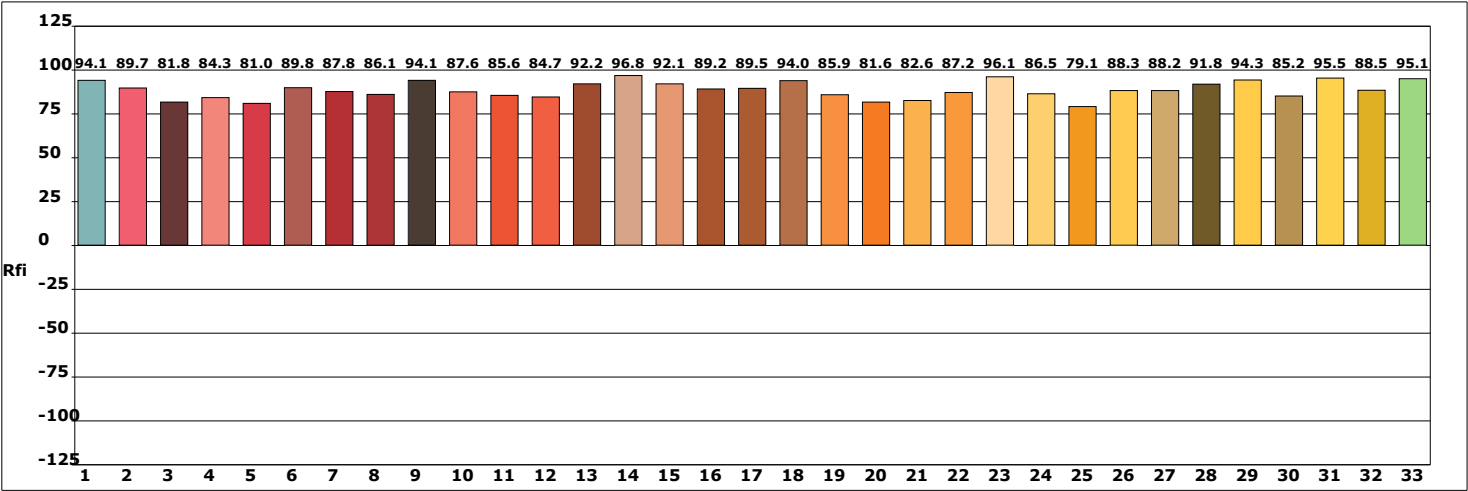


Chroma by Bue



Product model:
Product number:
Tester:
Remarks:

Manufacturer: Guangzhou Hotion Technology Co.,
Test unit:
Date of observation: 07/15/14



Product model:
Product number:
Tester:
Remarks:

Manufacturer: Guangzhou Hotion Technology Co.,
Test unit:
Date of observation: 07/15/14