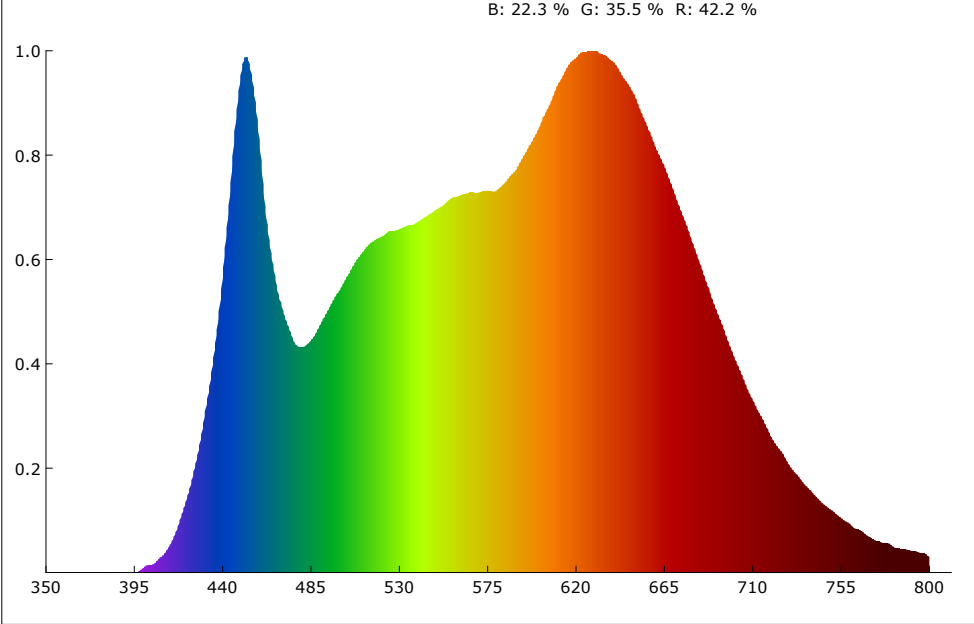
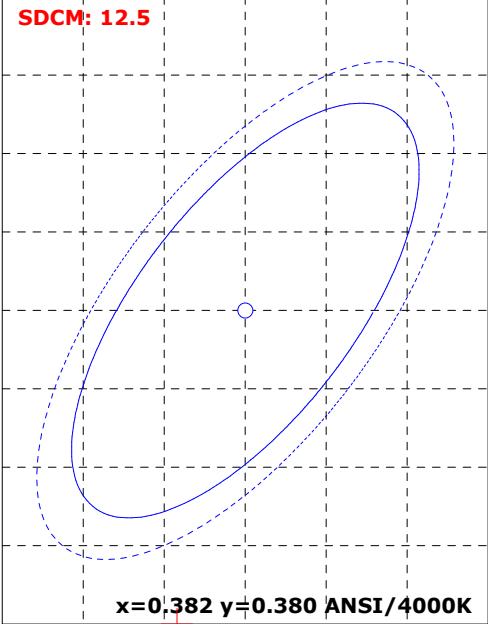


Spectrogram



SDCM



Color Parameter:

x: 0.3776 y: 0.3520 u: 0.2335 v: 0.3265 u': 0.2335 v': 0.4897
R_ratio: 42.2 % G_ratio: 35.5 % B_ratio: 22.3 % RedRatio: 21.8 % GreenRatio: 74.9 % BlueRatio: 3.3 %

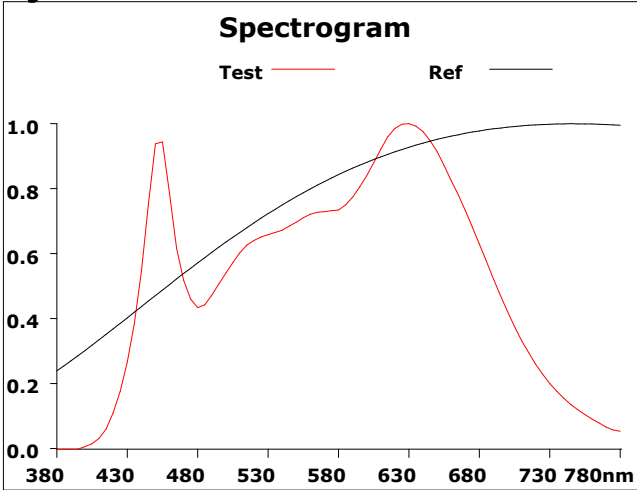
Ra: 93.5 AvgR: 91.2
R1: 90.9 R2: 93.9 R3: 97.3 R4: 92.3 R5: 91.5 R6: 91.2 R7: 98.4 R8: 92.5
R9: 78.8 R10: 89.6 R11: 89.1 R12: 85.6 R13: 91.0 R14: 97.6 R15: 88.7

CCT: 3879 K Flux: 4554.721 lm PeakWave: 628.5 nm SDCM: 12.5
S/P: 1.9 CentralWave: 592.4 nm DominantWave: 588.7 nm CentroidWave: 582.4 nm
HalfWidth: 197.4 nm duv: -0.01123 purity: 18.9 % CQS: 85.4
LER(TM-30): 252.7 Ep: 18021.3 mw Rg: 105.2 Rf: 93.5
Red Ep: 7048.4 mw Near red Ep: 1241.9 mw Near infrared Ep: 77.7 mw

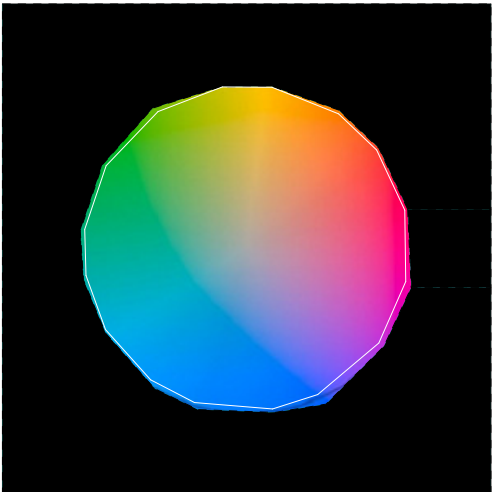
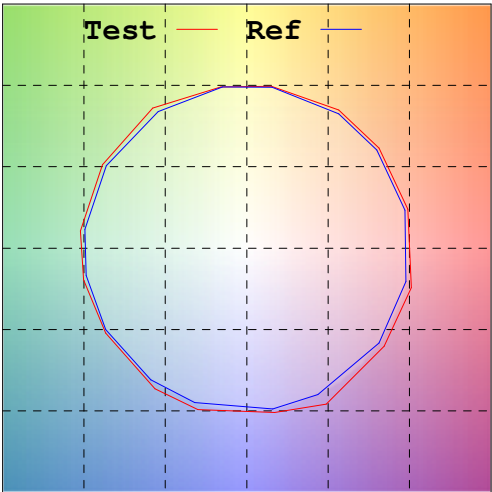
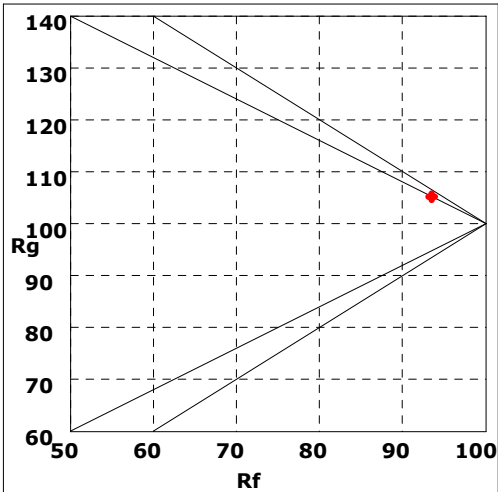
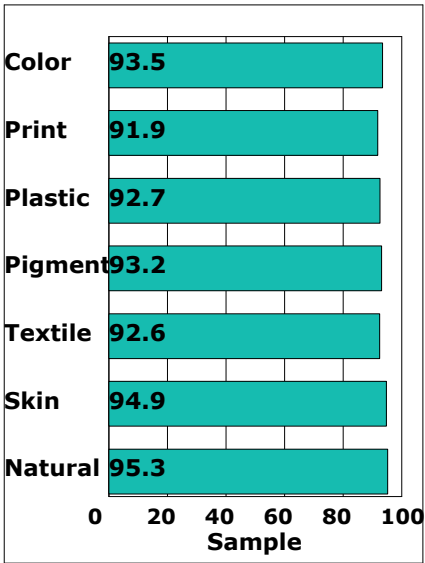
Electrical parameters:

Effic: 19.1 Lm/W Energy: 20.8 Effi: G
U: 219.6 V I: 1.535 A P: 238.300 W Pf: 0.707

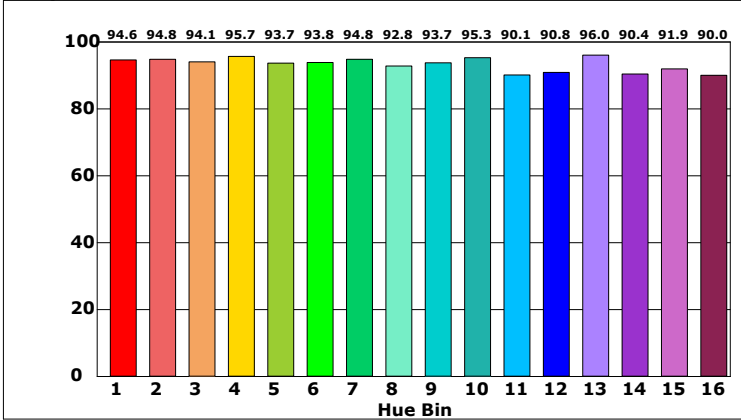
Rf: 93.5 CCT: 3879K u': 0.2335
Rg: 105.2 LER: 252.7 Duv: -0.01123 v': 0.4897



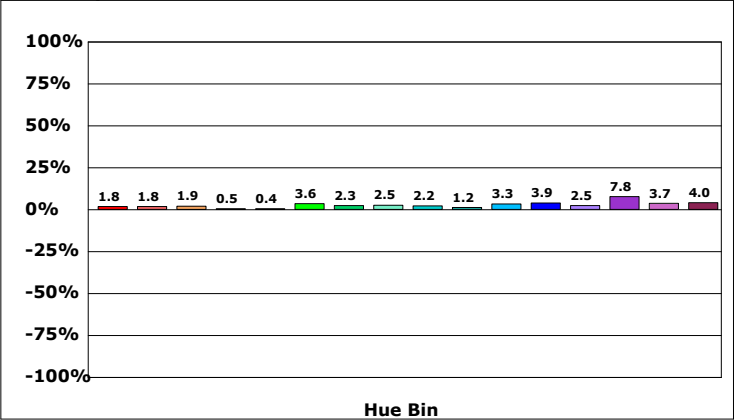
500			
Hue Bin	Rf	Chroma	Hue
1	94.6	1.8%	0.3%
2	94.8	1.8%	0.2%
3	94.1	1.9%	1.4%
4	95.7	0.5%	0.6%
5	93.7	0.4%	1.1%
6	93.8	3.6%	1.4%
7	94.8	2.3%	0.9%
8	92.8	2.5%	1.6%
9	93.7	2.2%	2.6%
10	95.3	1.2%	1.9%
11	90.1	3.3%	5.1%
12	90.8	3.9%	2.7%
13	96.0	2.5%	0.7%
14	90.4	7.8%	1.0%
15	91.9	3.7%	0.2%
16	90.0	4.0%	-3.0%



Rf by Bue

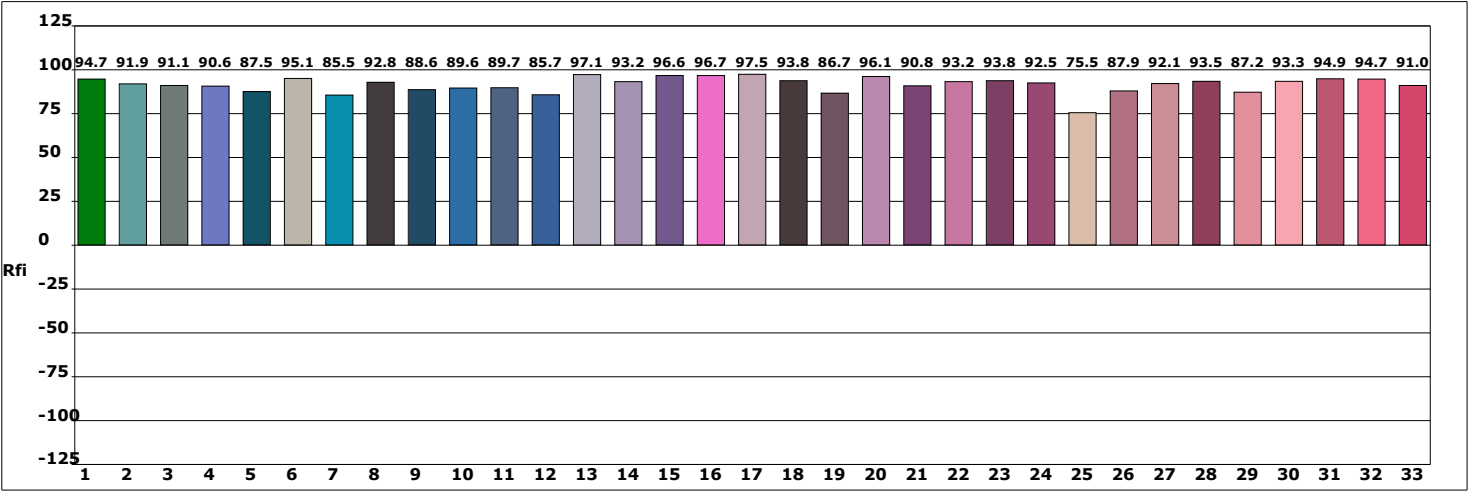
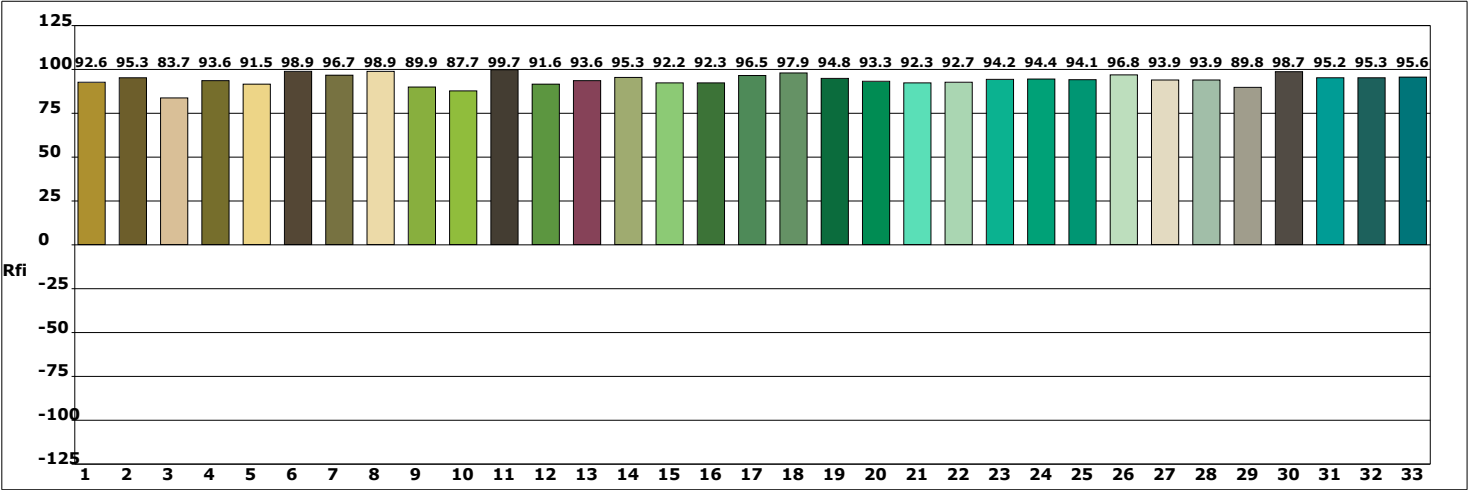
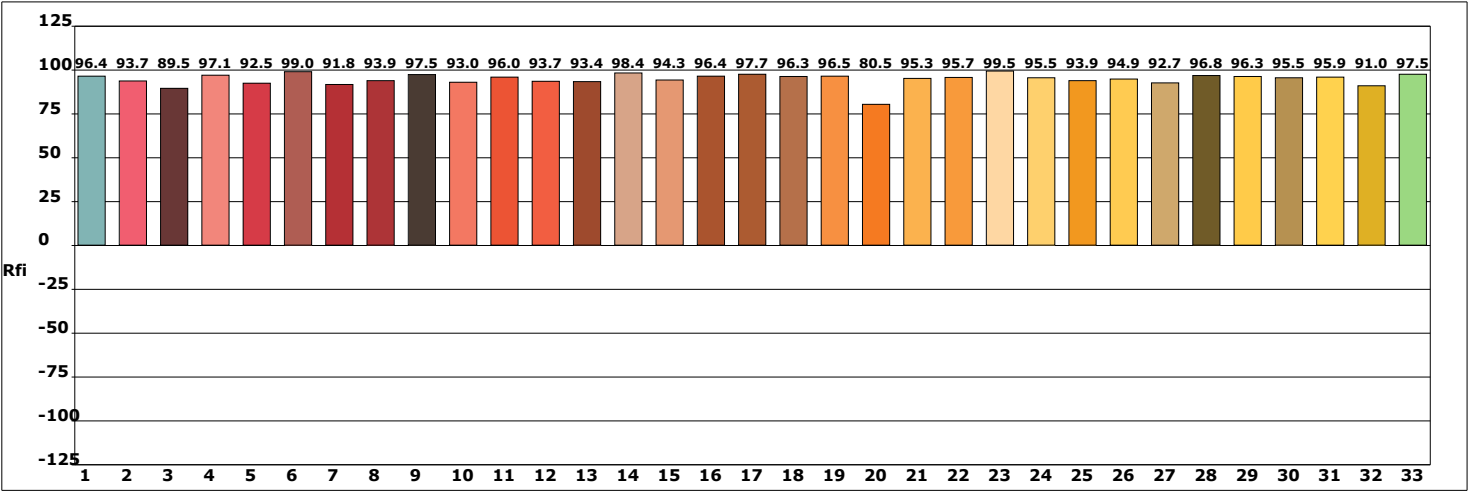


Chroma by Bue



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