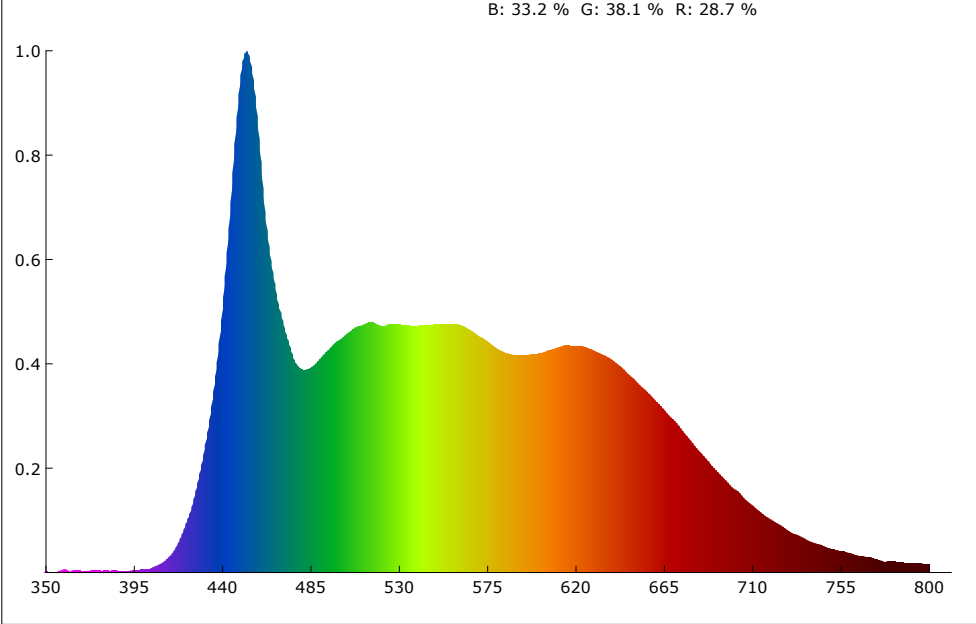
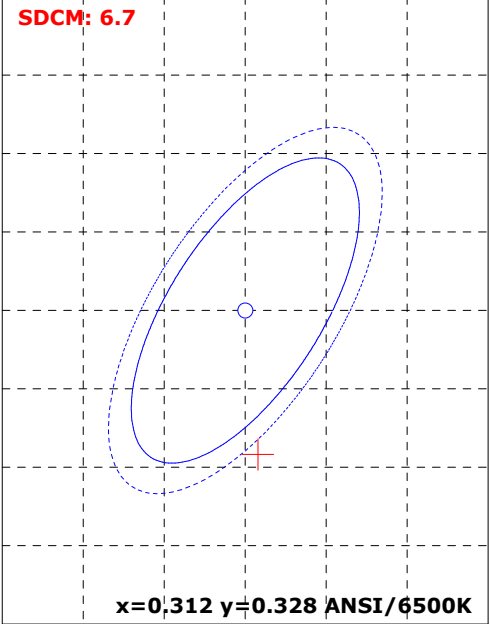


Spectrogram



SDCM



Color Parameter:

x: 0.3131 y: 0.3190 u: 0.2019 v: 0.3086 u': 0.2019 v': 0.4629
R_ratio: 28.7 % G_ratio: 38.1 % B_ratio: 33.2 % RedRatio: 15.6 % GreenRatio: 79.4 % BlueRatio: 4.9 %

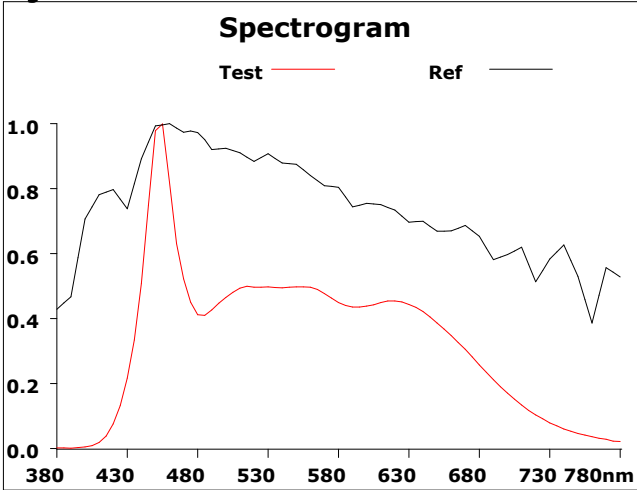
Ra: 96.9 AvgR: 95.1
R1: 95.8 R2: 97.7 R3: 96.1 R4: 98.7 R5: 96.7 R6: 94.5 R7: 98.7 R8: 97.1
R9: 91.2 R10: 97.0 R11: 96.6 R12: 77.6 R13: 96.7 R14: 97.5 R15: 94.6

CCT: 6569 K Flux: 16271.864 lm PeakWave: 453.3 nm SDCM: 6.7
S/P: 2.4 CentralWave: 455.1 nm DominantWave: 481.9 nm CentroidWave: 555.1 nm
HalfWidth: 29.2 nm duv: -0.00223 purity: 8.1 % CQS: 91.3
LER(TM-30): 260.7 Ep: 62427.1 mw Rg: 100.6 Rf: 92.0
Red Ep: 17063.5 mw Near red Ep: 2782.4 mw Near infrared Ep: 200.8 mw

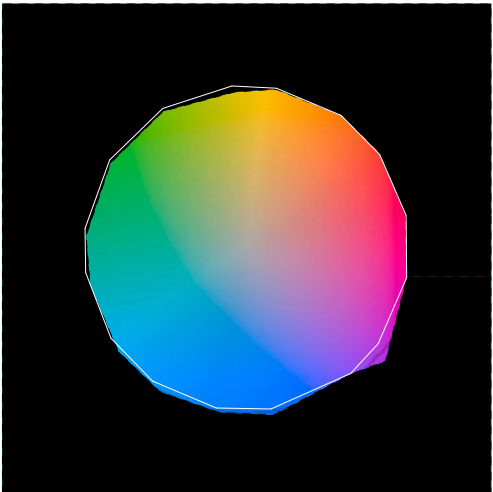
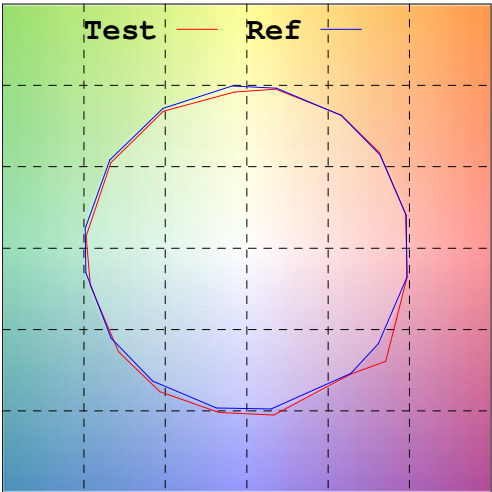
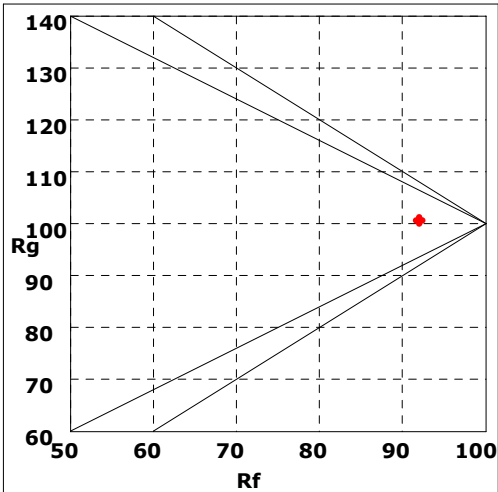
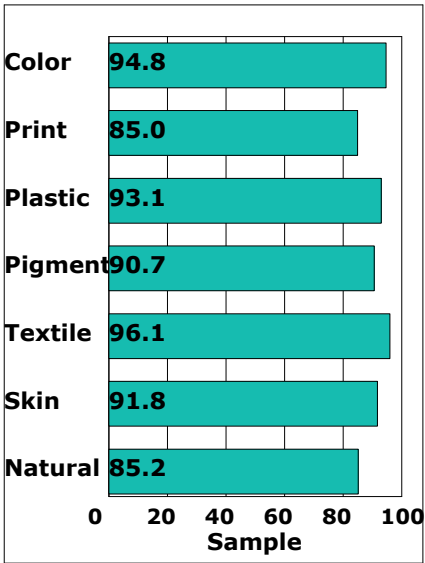
Electrical parameters:

Effic: 44.3 Lm/W Energy: 48.3 Effi: G
U: 220.9 V I: 1.681 A P: 367.200 W Pf: 0.988

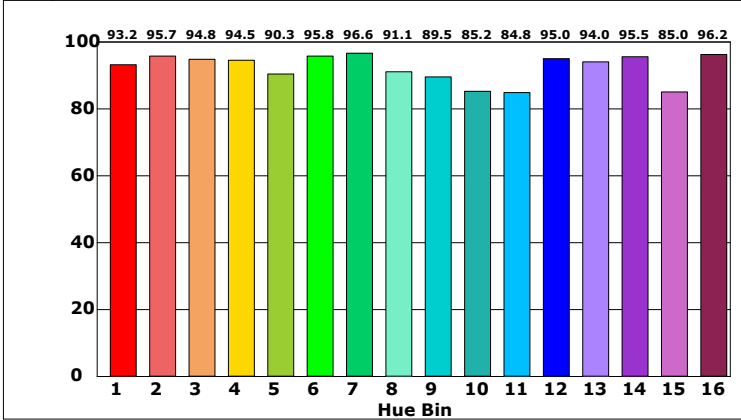
Rf: 92.0 CCT: 6569K u': 0.2019
Rg: 100.6 LER: 260.7 Duv: -0.00223 v': 0.4629



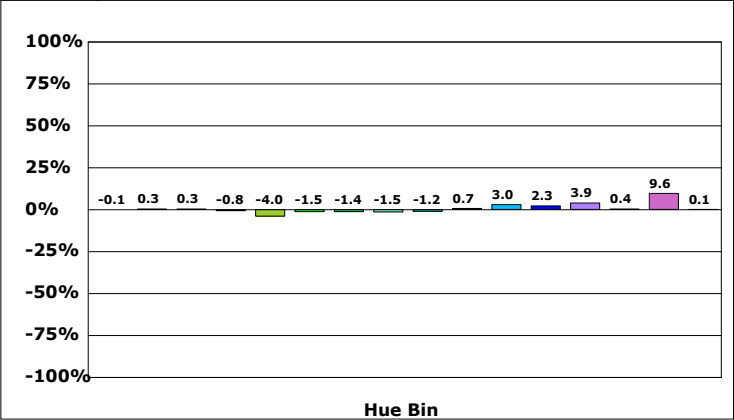
500			
Hue Bin	Rf	Chroma	Hue
1	93.2	-0.1%	0.9%
2	95.7	0.3%	1.4%
3	94.8	0.3%	0.1%
4	94.5	-0.8%	0.3%
5	90.3	-4.0%	-0.5%
6	95.8	-1.5%	0.7%
7	96.6	-1.4%	1.1%
8	91.1	-1.5%	4.4%
9	89.5	-1.2%	8.4%
10	85.2	0.7%	9.4%
11	84.8	3.0%	7.2%
12	95.0	2.3%	2.0%
13	94.0	3.9%	0.8%
14	95.5	0.4%	-0.1%
15	85.0	9.6%	-6.4%
16	96.2	0.1%	0.5%



Rf by Bue

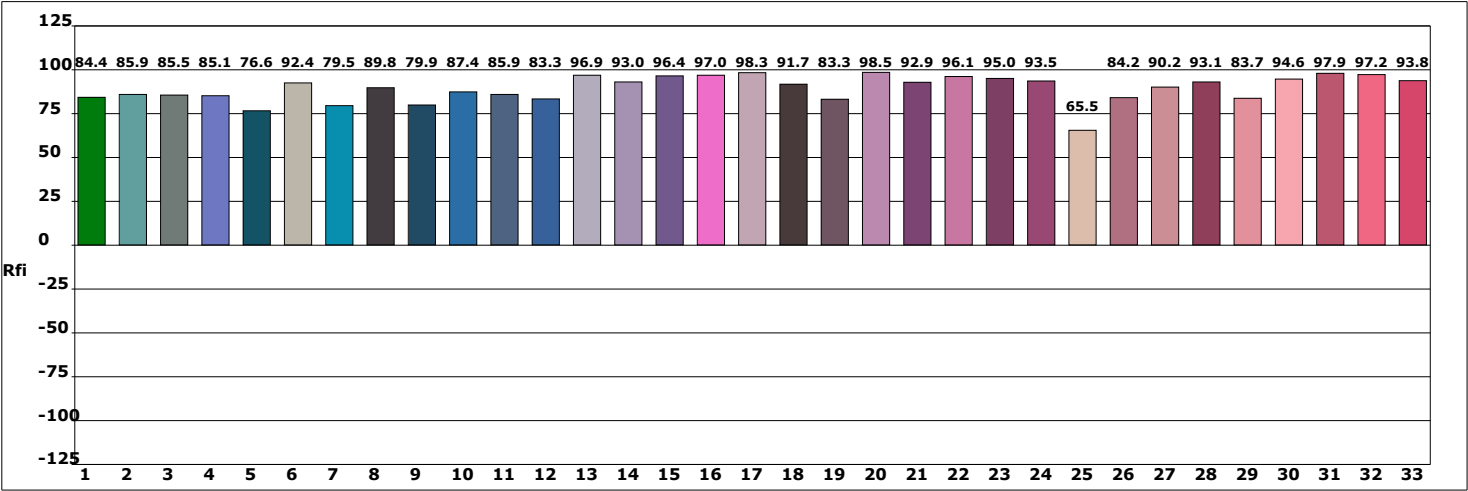
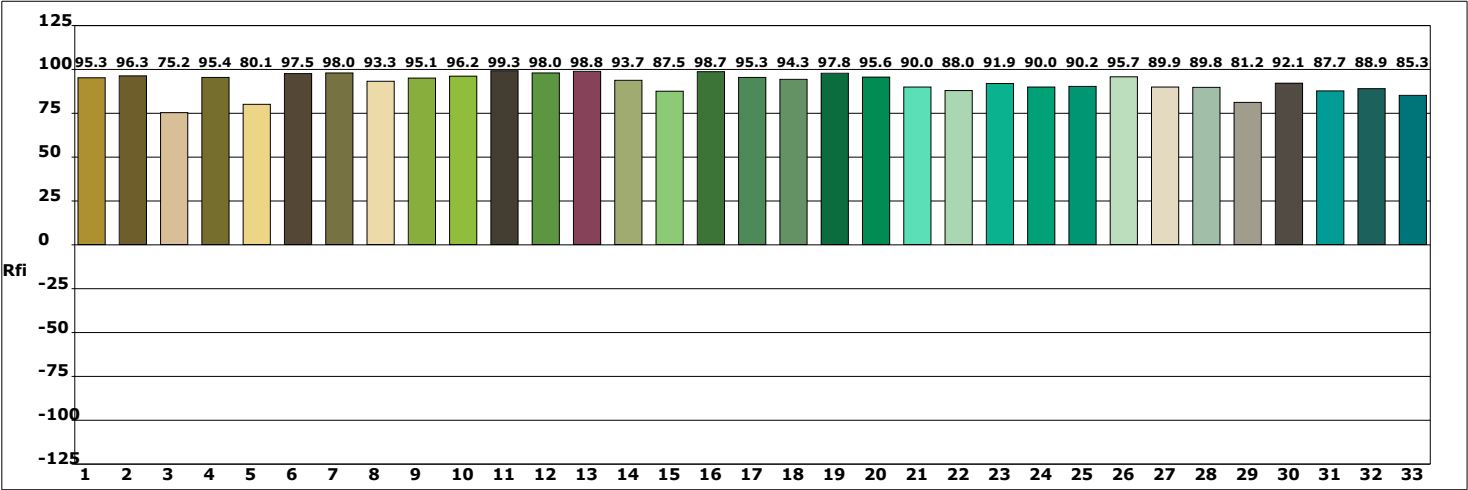
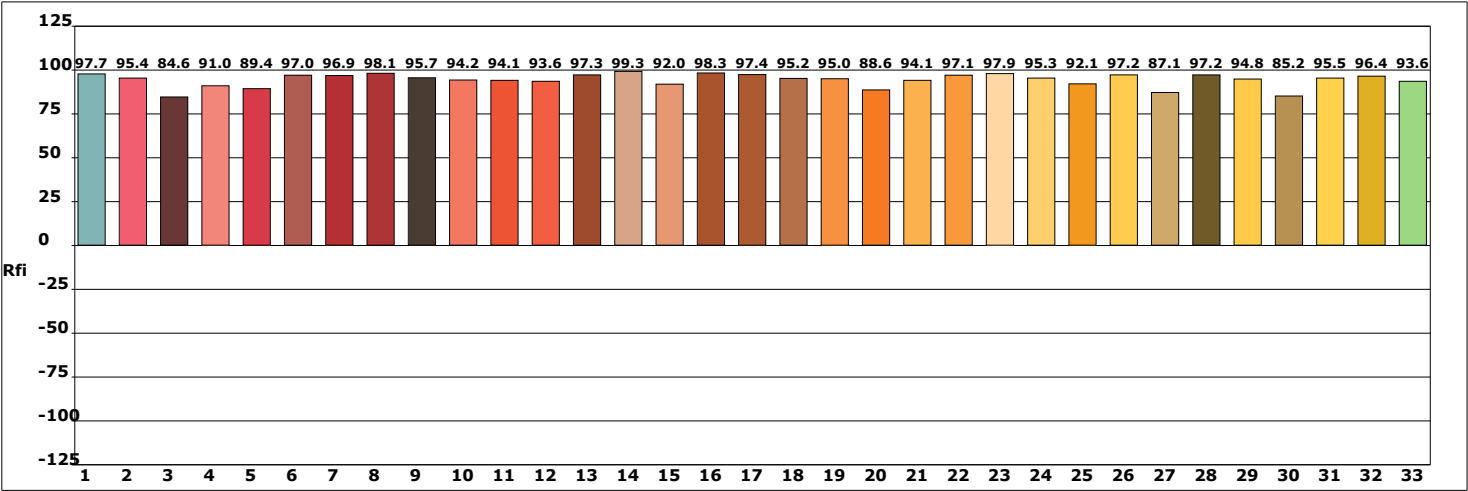


Chroma by Bue



Product model:
Product number:
Tester:
Remarks:

Manufacturer: Guangzhou Hotion Technology Co.,
Test unit:
Date of observation: 07/16/14



Product model:
Product number:
Tester:
Remarks:

Manufacturer: Guangzhou Hotion Technology Co.,
Test unit:
Date of observation: 07/16/14