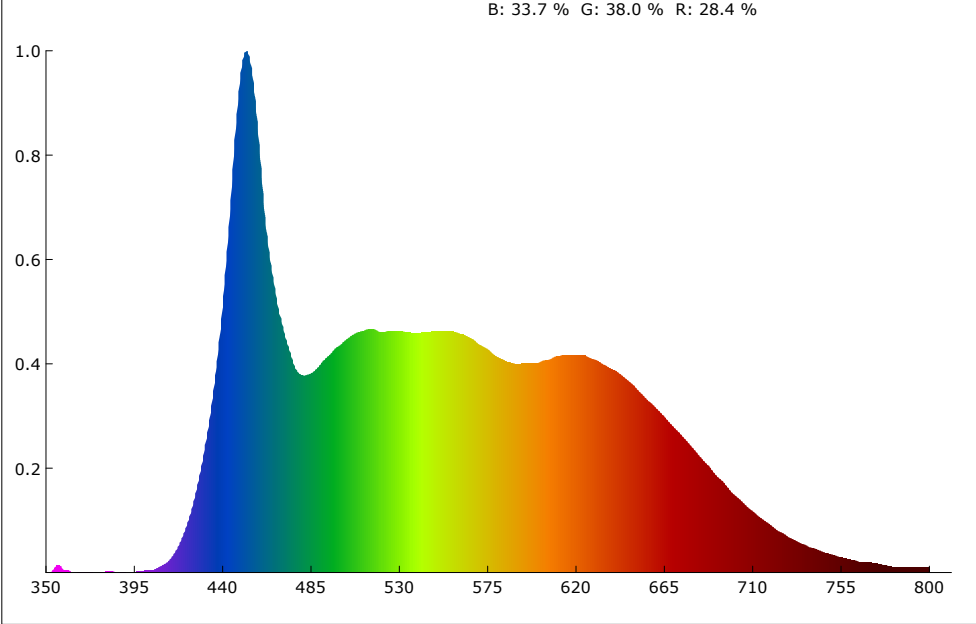
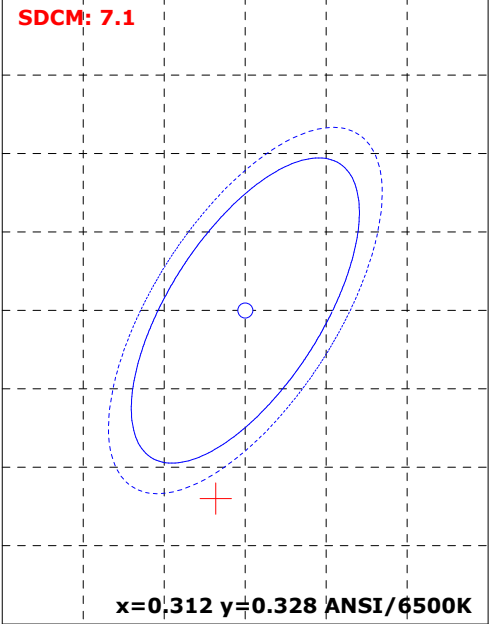


Spectrogram



SDCM



Color Parameter:

x: 0.3105 y: 0.3162 u: 0.2012 v: 0.3073 u': 0.2012 v': 0.4610
R_ratio: 28.4 % G_ratio: 38.0 % B_ratio: 33.7 % RedRatio: 15.5 % GreenRatio: 79.5 % BlueRatio: 5.0 %

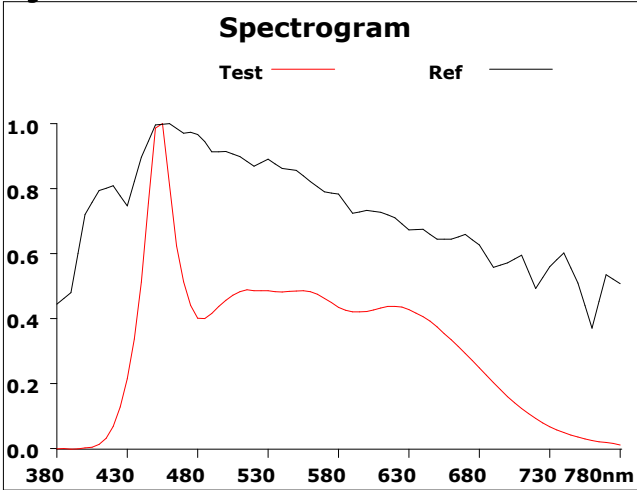
Ra: 96.7 AvgR: 94.9
R1: 95.7 R2: 97.8 R3: 95.7 R4: 98.5 R5: 96.5 R6: 94.2 R7: 98.9 R8: 96.9
R9: 90.2 R10: 96.9 R11: 96.4 R12: 76.9 R13: 96.8 R14: 97.3 R15: 94.3

CCT: 6748 K Flux: 14305.148 lm PeakWave: 453.3 nm SDCM: 7.1
S/P: 2.4 CentralWave: 454.9 nm DominantWave: 481.3 nm CentroidWave: 552.9 nm
HalfWidth: 29.2 nm duv: -0.00241 purity: 9.2 % CQS: 91.1
LER(TM-30): 261.7 Ep: 54664.3 mw Rg: 101.3 Rf: 91.7
Red Ep: 14856.9 mw Near red Ep: 2133.7 mw Near infrared Ep: 104.8 mw

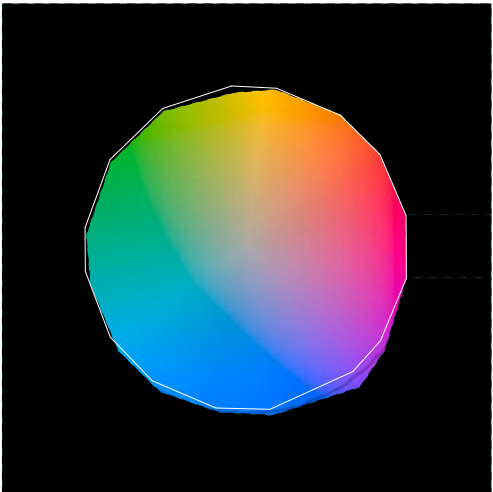
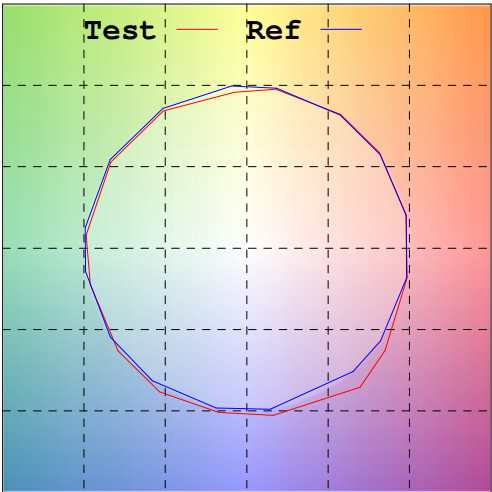
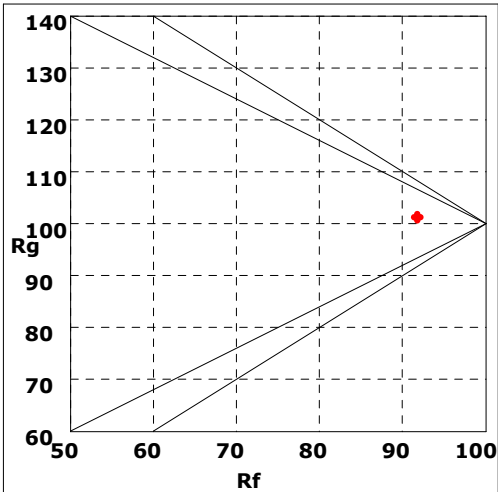
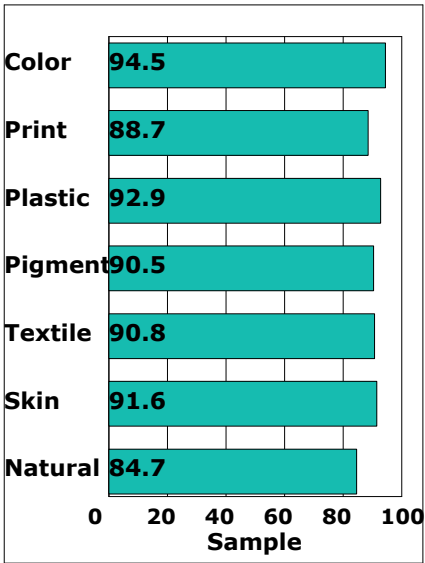
Electrical parameters:

Effic: 38.7 Lm/W Energy: 42.1 Effi: G
U: 220.9 V I: 1.693 A P: 369.800 W Pf: 0.987

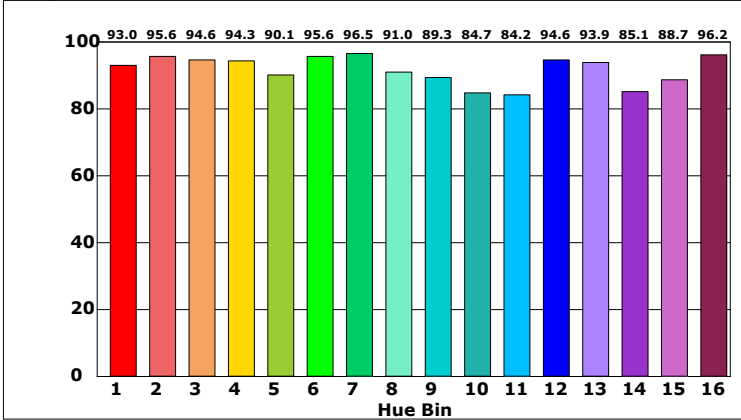
Rf: 91.7 CCT: 6748K u': 0.2012
Rg: 101.3 LER: 261.7 Duv: -0.00241 v': 0.4610



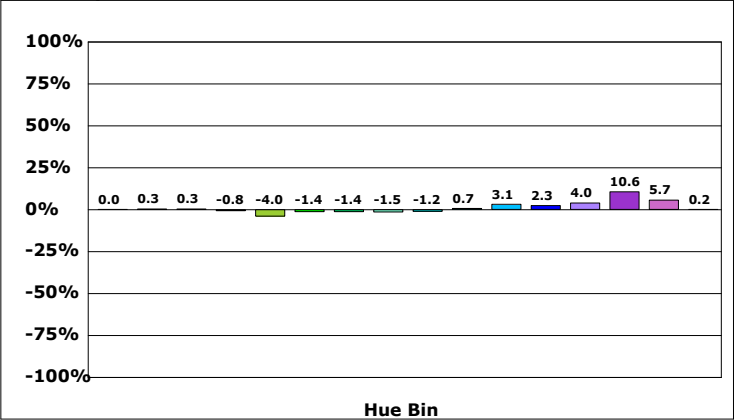
500			
Hue Bin	Rf	Chroma	Hue
1	93.0	0.0%	0.9%
2	95.6	0.3%	1.4%
3	94.6	0.3%	0.1%
4	94.3	-0.8%	0.4%
5	90.1	-4.0%	-0.5%
6	95.6	-1.4%	0.7%
7	96.5	-1.4%	1.1%
8	91.0	-1.5%	4.5%
9	89.3	-1.2%	8.6%
10	84.7	0.7%	9.7%
11	84.2	3.1%	7.5%
12	94.6	2.3%	2.2%
13	93.9	4.0%	1.1%
14	85.1	10.6%	-1.8%
15	88.7	5.7%	-3.5%
16	96.2	0.2%	0.6%



Rf by Bue

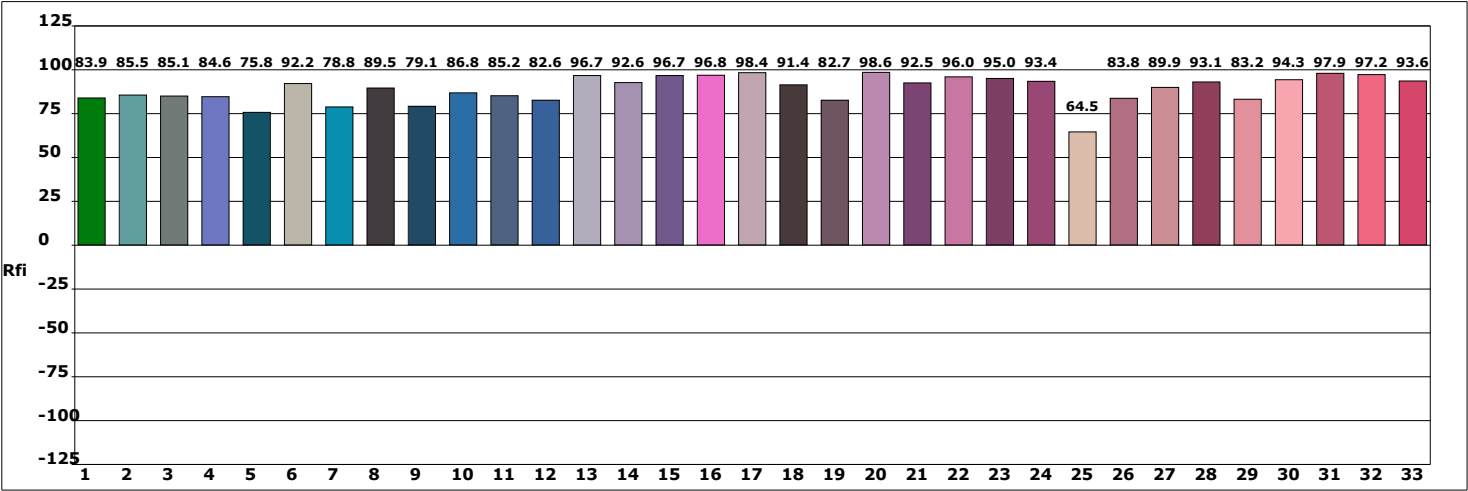
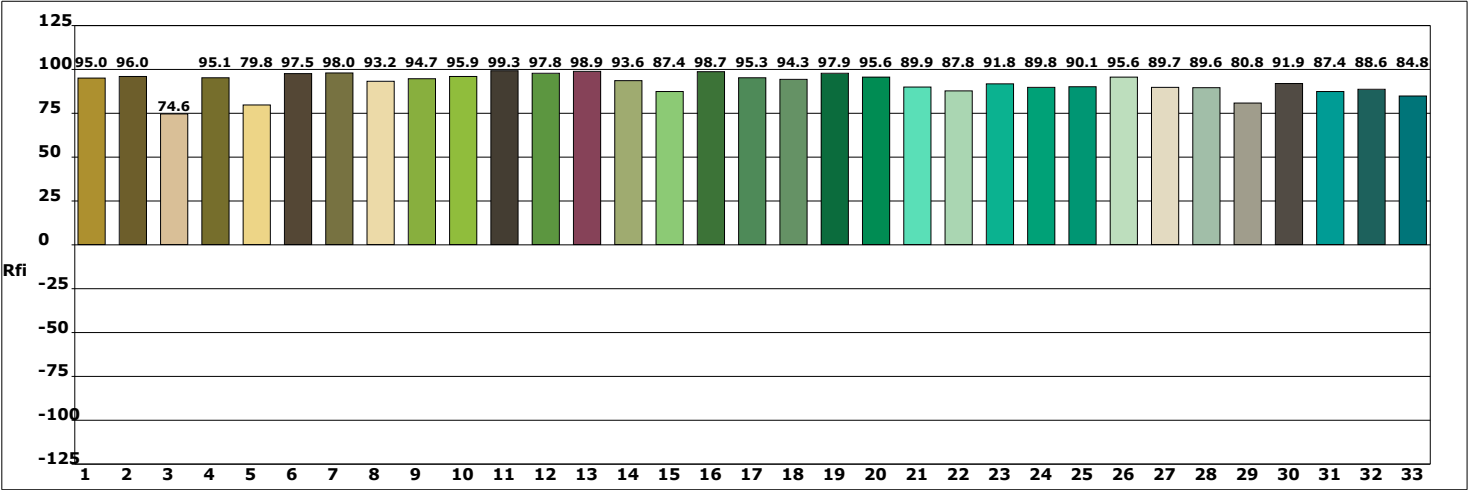
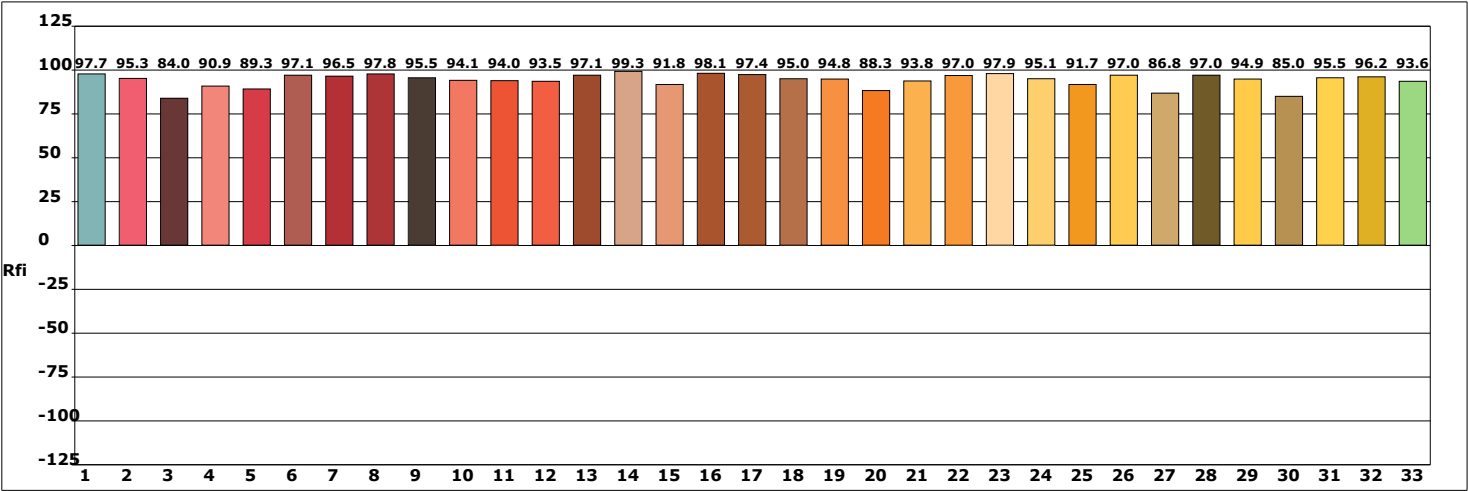


Chroma by Bue



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