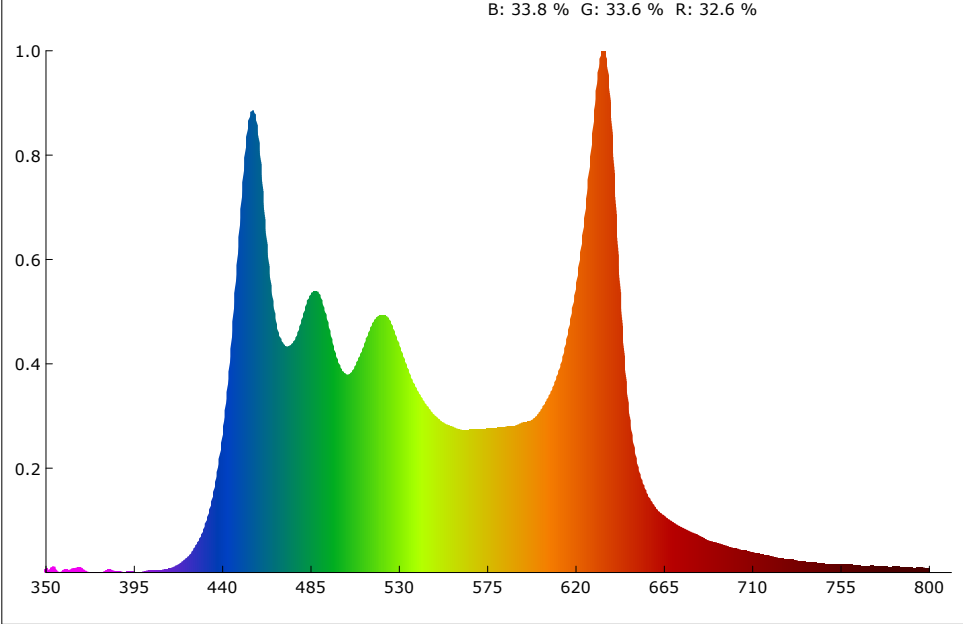
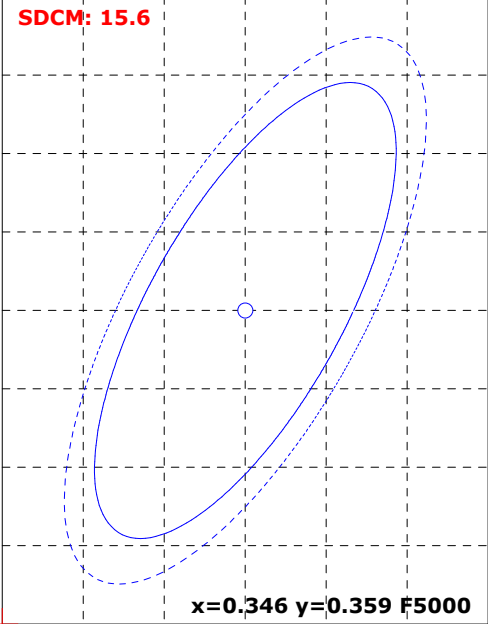


Spectrogram



SDCM



Color Parameter:

x: 0.3271 y: 0.3137 u: 0.2141 v: 0.3080 u': 0.2141 v': 0.4620
R_ratio: 32.6 % G_ratio: 33.6 % B_ratio: 33.8 % RedRatio: 22.1 % GreenRatio: 71.7 % BlueRatio: 6.2 %

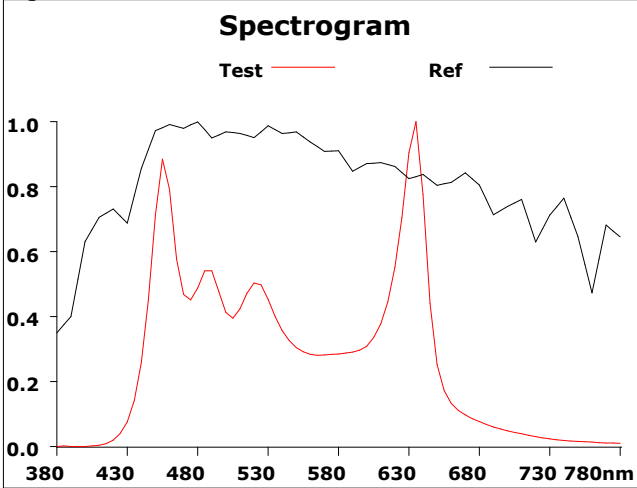
Ra: 66.3 AvgR: 55.2
R1: 54.7 R2: 71.4 R3: 90.7 R4: 62.3 R5: 60.0 R6: 64.8 R7: 82.5 R8: 44.2
R9: -49.6 R10: 38.9 R11: 52.4 R12: 58.3 R13: 57.1 R14: 93.1 R15: 47.5

CCT: 5788 K Flux: 9345.823 lm PeakWave: 634.5 nm SDCM: 15.6
S/P: 2.6 CentralWave: 630.9 nm DominantWave: 0.0 nm CentroidWave: 550.5 nm
HalfWidth: 24.9 nm duv: -0.01225 purity: 0.0 % CQS: 86.9
LER(TM-30): 258.2 Ep: 36194.2 mw Rg: 107.8 Rf: 75.5
Red Ep: 11535.6 mw Near red Ep: 661.9 mw Near infrared Ep: 79.2 mw

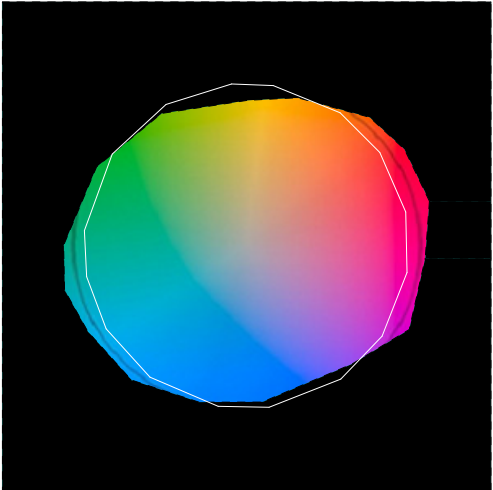
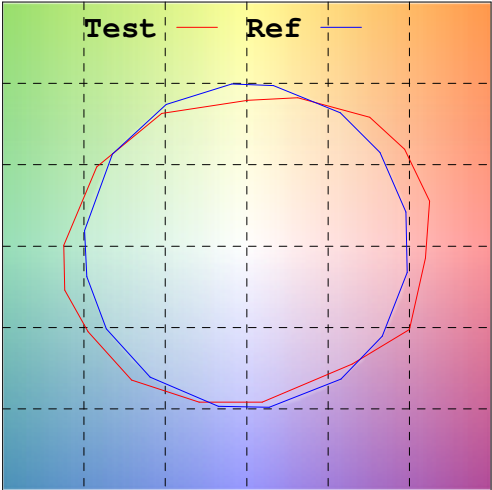
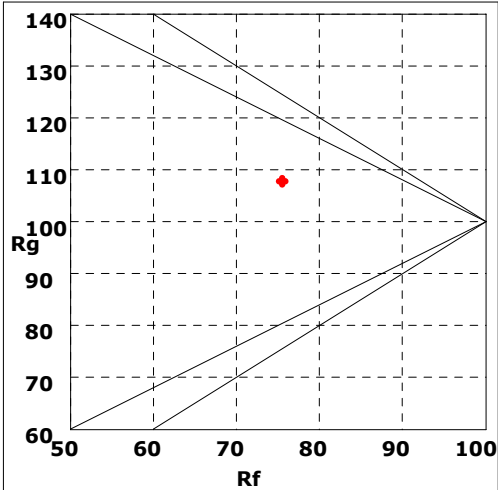
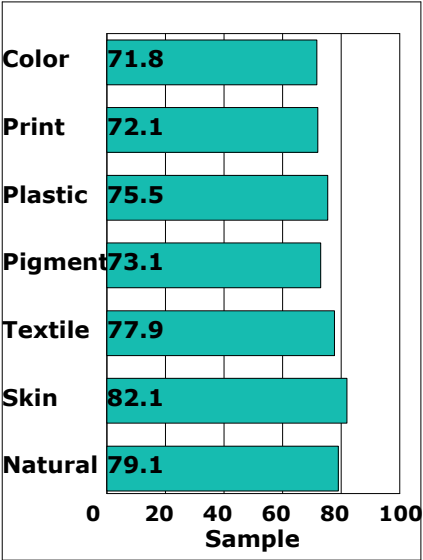
Electrical parameters:

Effic: 29.3 Lm/W Energy: 31.9 Effi: G
U: 220.0 V I: 1.989 A P: 318.700 W Pf: 0.728

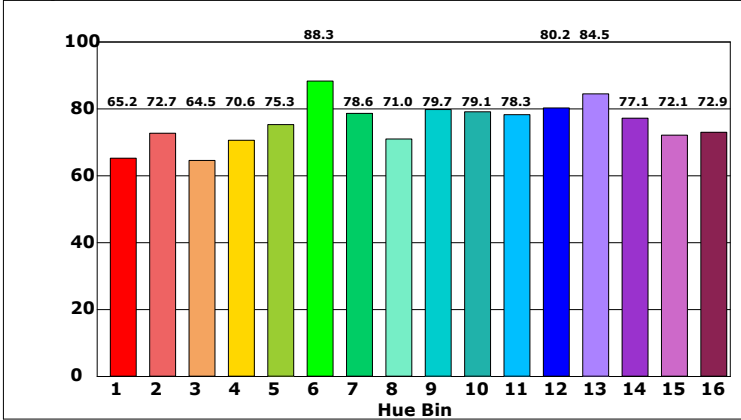
Rf: 75.5 CCT: 5788K u': 0.2141
Rg: 107.8 LER: 258.2 Duv: -0.01225 v': 0.4620



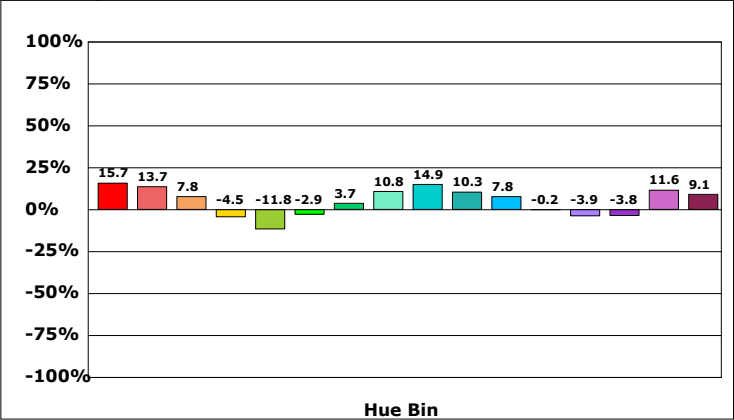
500			
Hue Bin	Rf	Chroma	Hue
1	65.2	15.7%	3.7%
2	72.7	13.7%	-6.9%
3	64.5	7.8%	-16.6%
4	70.6	-4.5%	-16.1%
5	75.3	-11.8%	-7.8%
6	88.3	-2.9%	5.3%
7	78.6	3.7%	11.9%
8	71.0	10.8%	11.4%
9	79.7	14.9%	5.5%
10	79.1	10.3%	-4.8%
11	78.3	7.8%	-8.6%
12	80.2	-0.2%	-12.0%
13	84.5	-3.9%	-3.5%
14	77.1	-3.8%	10.9%
15	72.1	11.6%	12.8%
16	72.9	9.1%	10.7%



Rf by Bue

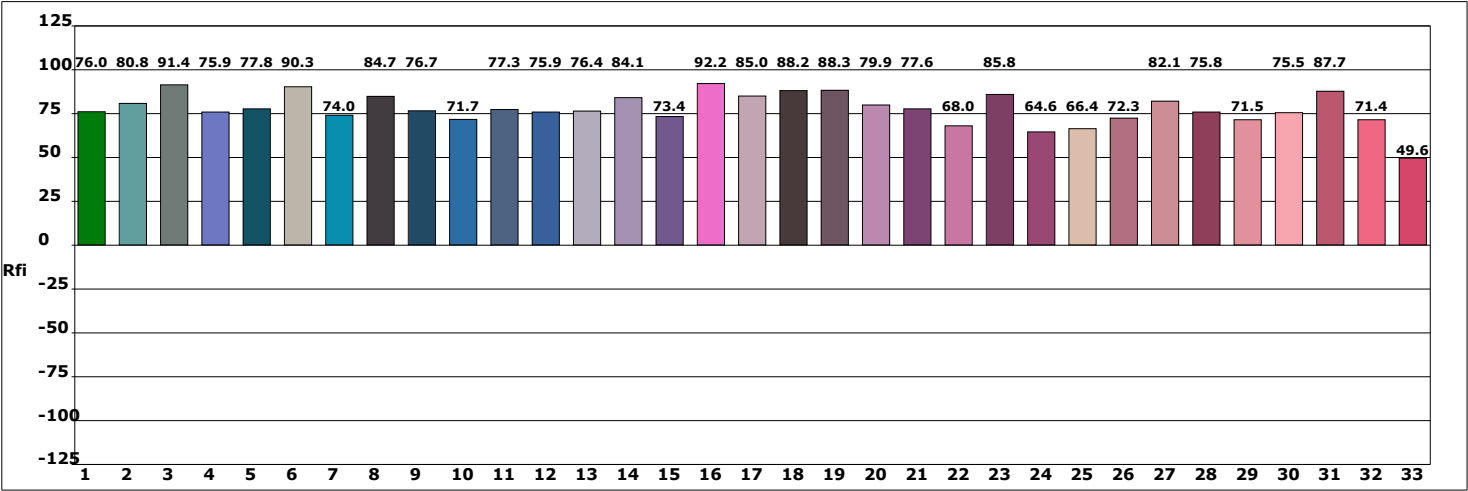
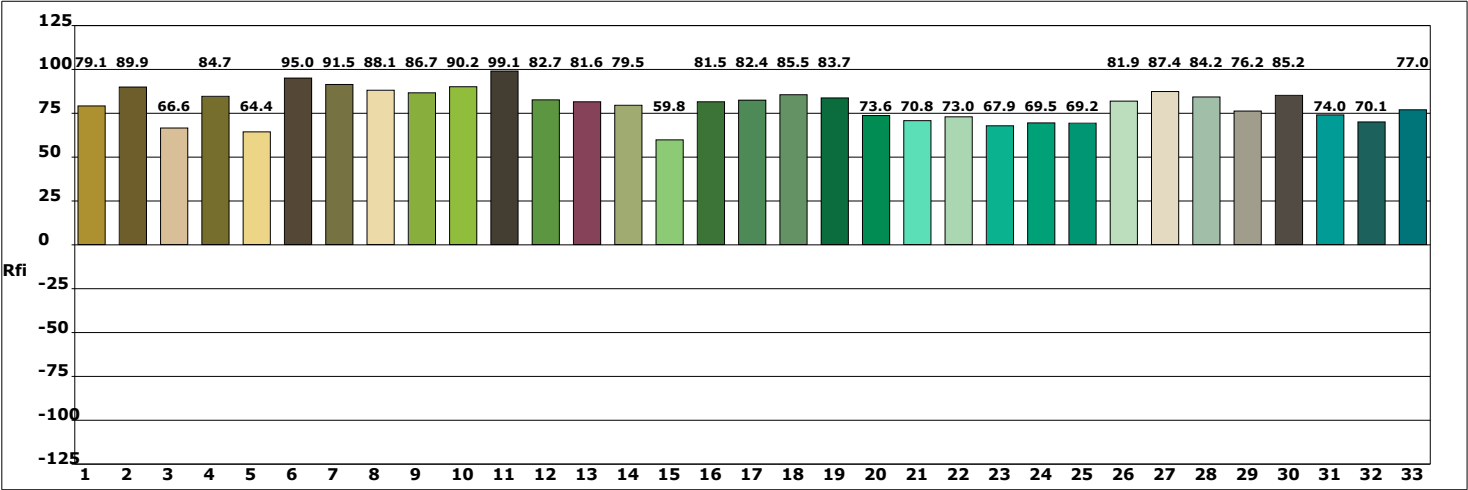
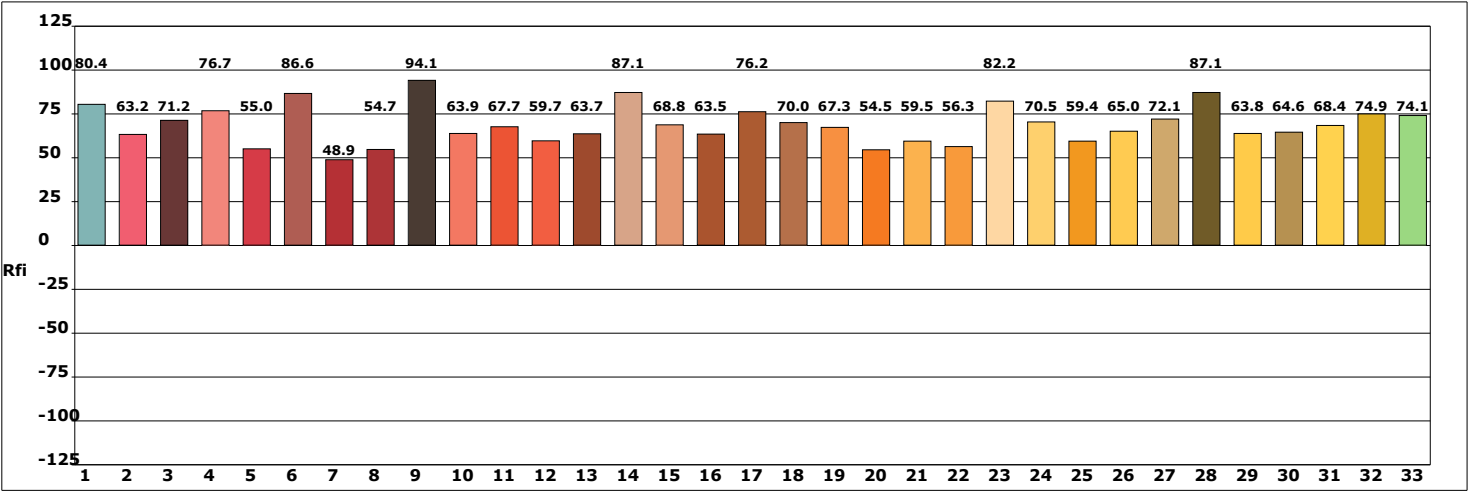


Chroma by Bue



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