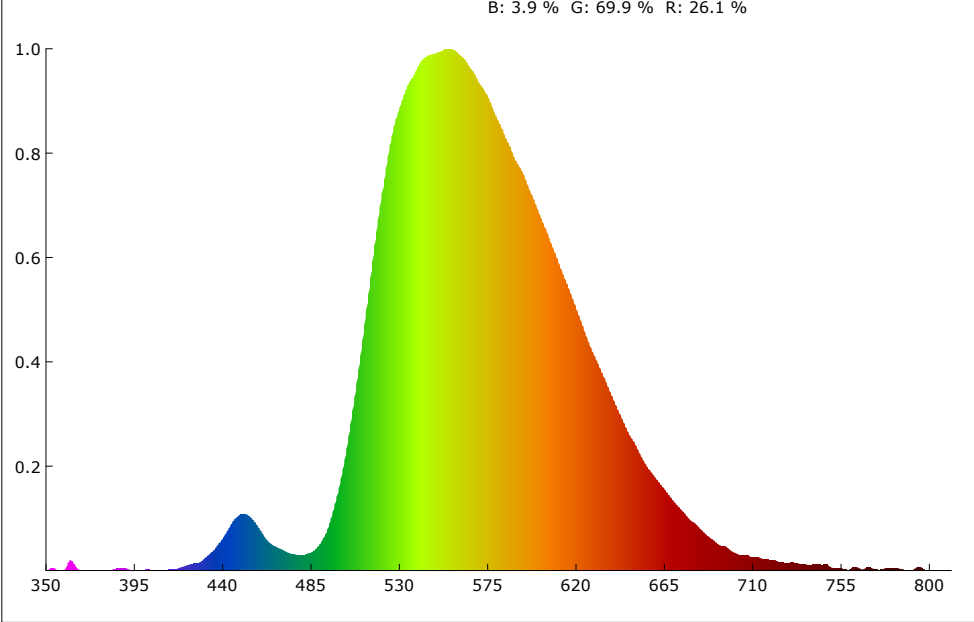
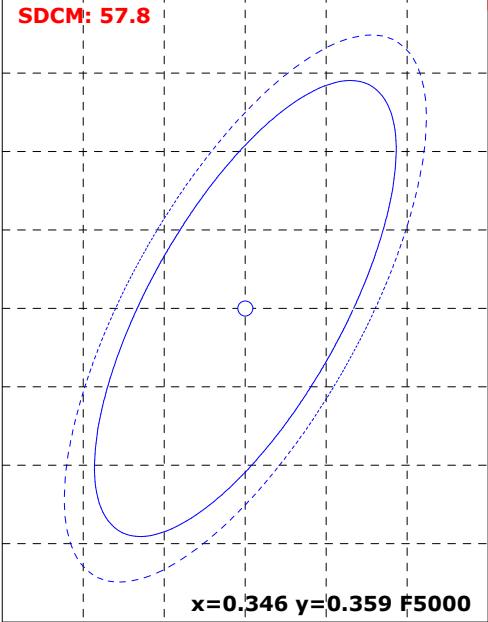


Spectrogram



SDCM



Color Parameter:

x: 0.4204 y: 0.5269 u: 0.1983 v: 0.3727 u': 0.1983 v': 0.5591
R_ratio: 26.1 % G_ratio: 69.9 % B_ratio: 3.9 % RedRatio: 11.5 % GreenRatio: 88.3 % BlueRatio: 0.3 %

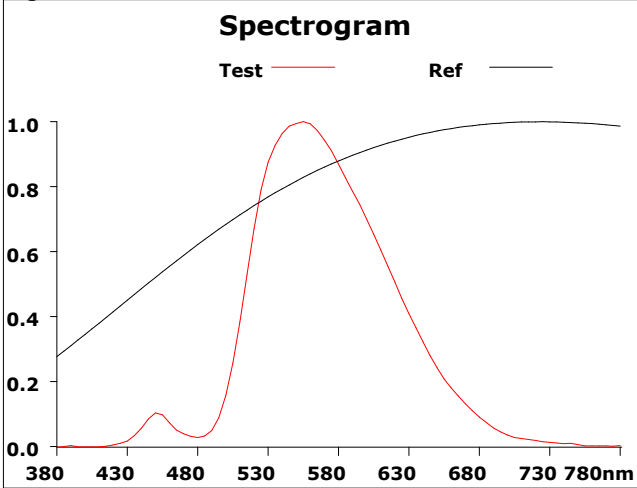
Ra: 53.5 AvgR: 35.7
R1: 41.8 R2: 59.0 R3: 79.1 R4: 45.4 R5: 41.6 R6: 47.4 R7: 83.0 R8: 31.0
R9: -99.0 R10: 10.1 R11: 30.2 R12: 3.2 R13: 43.7 R14: 89.3 R15: 29.0

CCT: 4005 K Flux: 1478.640 lm PeakWave: 556.5 nm SDCM: 57.8
S/P: 1.2 CentralWave: 566.9 nm DominantWave: 568.9 nm CentroidWave: 571.9 nm
HalfWidth: 106.0 nm duv: 0.04675 purity: 84.5 % CQS: 66.2
LER(TM-30): 465.7 Ep: 3175.3 mw Rg: 65.2 Rf: 59.0
Red Ep: 820.7 mw Near red Ep: 30.0 mw Near infrared Ep: 2.2 mw

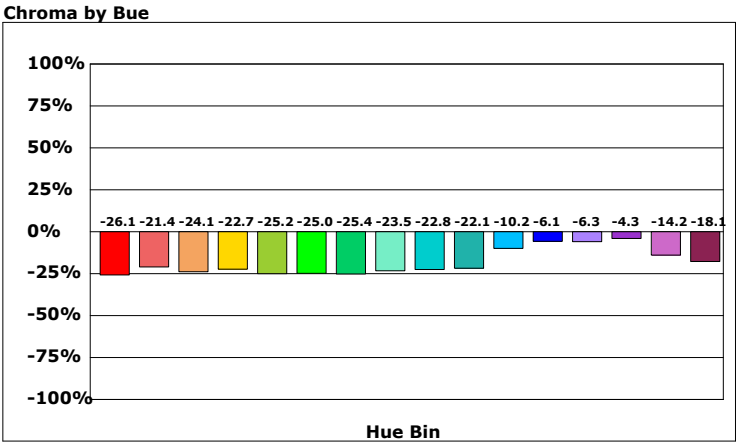
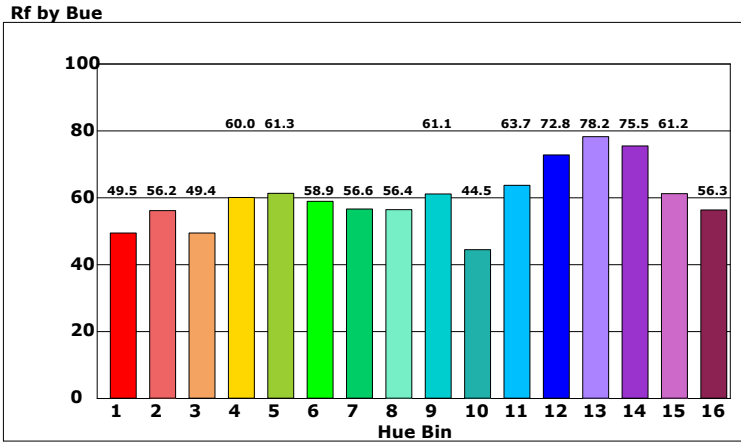
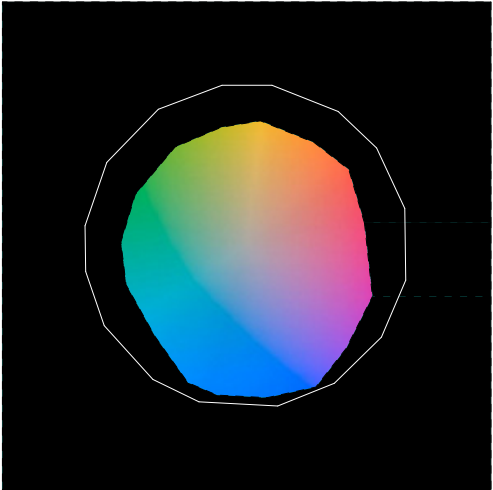
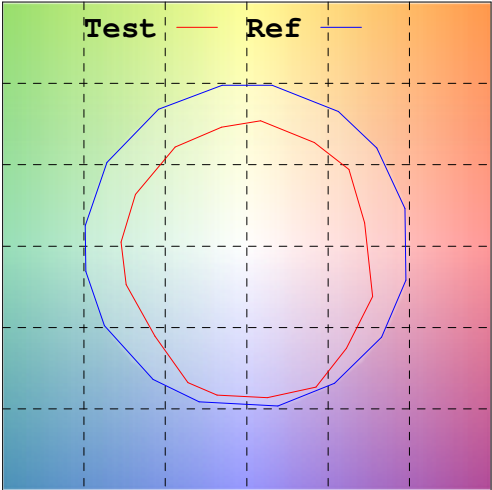
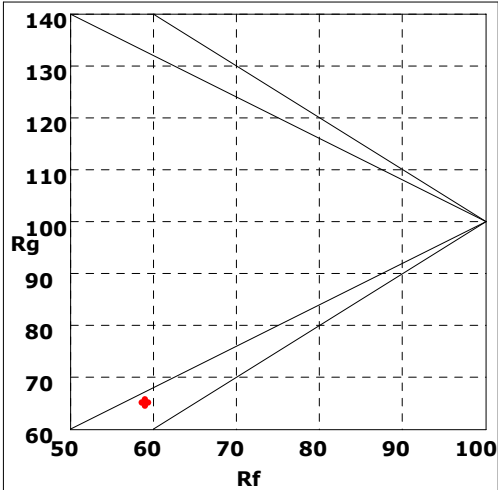
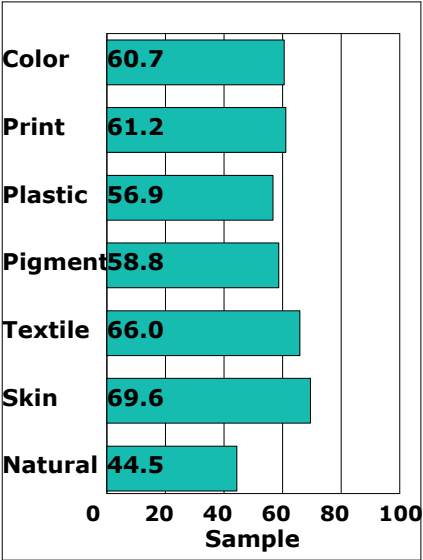
Electrical parameters:

Effic: 19.9 Lm/W Energy: 21.7 Effi: G
U: 220.2 V I: 0.542 A P: 74.270 W Pf: 0.621

Rf: 59.0 CCT: 4005K u': 0.1983
Rg: 65.2 LER: 465.7 Duv: 0.04675 v': 0.5591

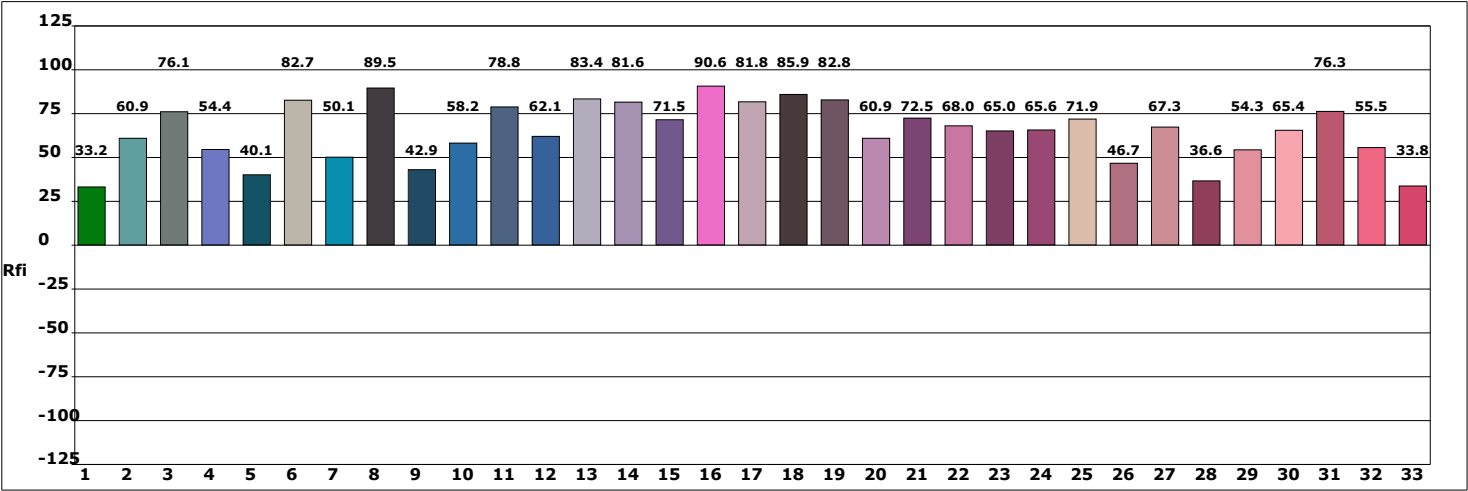
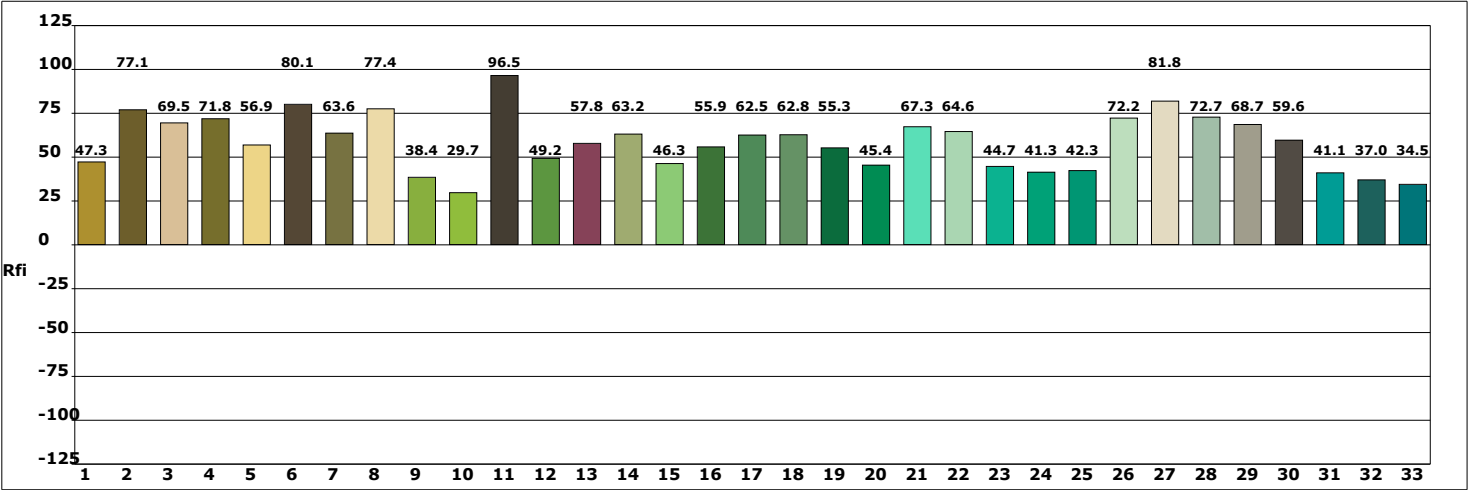
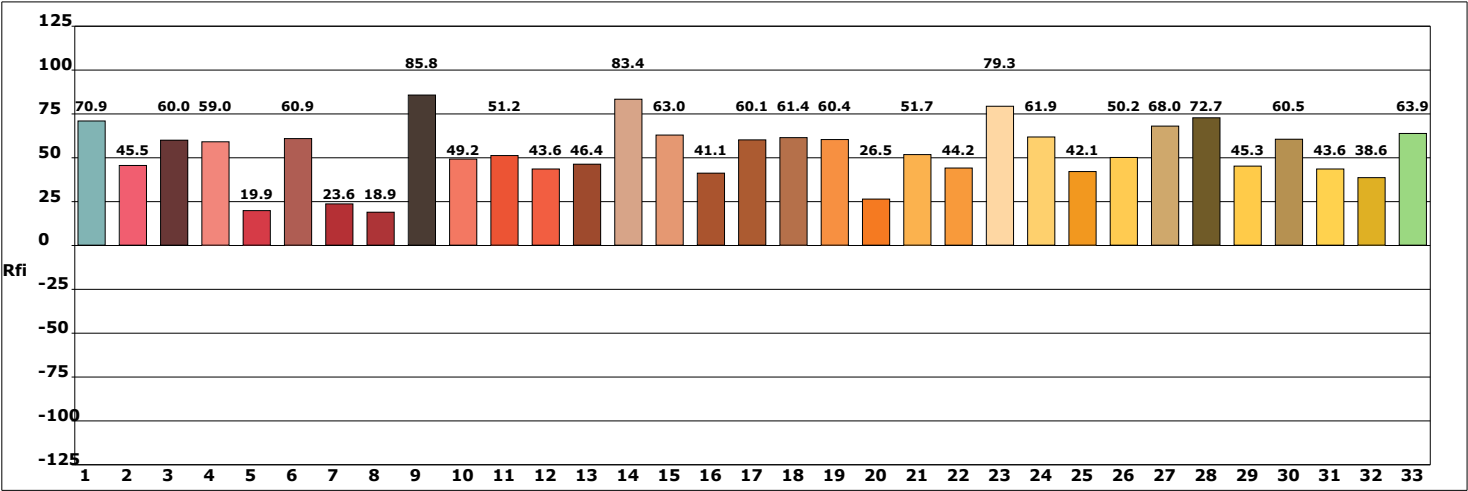


500			
Hue Bin	Rf	Chroma	Hue
1	49.5	-26.1%	-3.9%
2	56.2	-21.4%	-1.5%
3	49.4	-24.1%	1.7%
4	60.0	-22.7%	2.7%
5	61.3	-25.2%	5.4%
6	58.9	-25.0%	4.3%
7	56.6	-25.4%	6.6%
8	56.4	-23.5%	5.6%
9	61.1	-22.8%	12.7%
10	44.5	-22.1%	22.7%
11	63.7	-10.2%	19.0%
12	72.8	-6.1%	10.0%
13	78.2	-6.3%	-5.2%
14	75.5	-4.3%	-10.8%
15	61.2	-14.2%	-17.8%
16	56.3	-18.1%	-13.7%



Product model:
Product number:
Tester:
Remarks:

Manufacturer: Guangzhou Hotion Technology Co.,
Test unit:
Date of observation: 02/03/13



Product model:
Product number:
Tester:
Remarks:

Manufacturer: Guangzhou Hotion Technology Co.,
Test unit:
Date of observation: 02/03/13