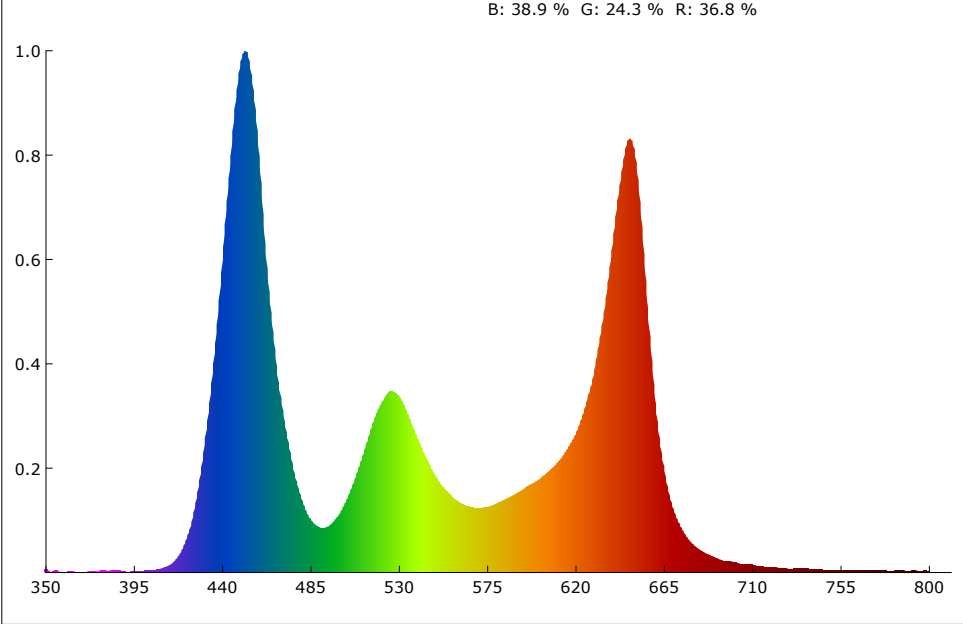
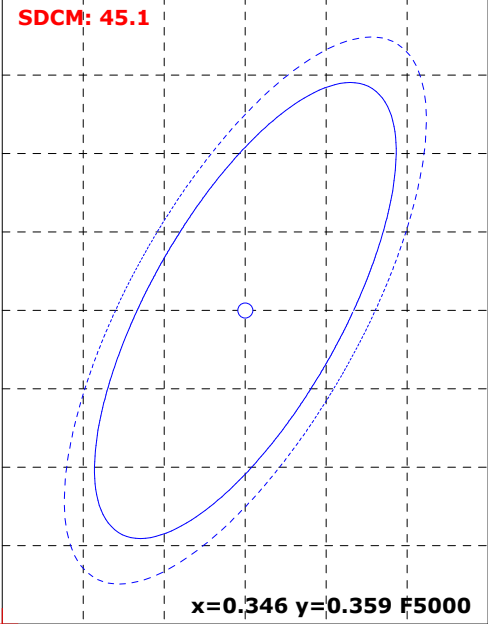


Spectrogram



SDCM



Color Parameter:

x: 0.2921 y: 0.2282 u: 0.2267 v: 0.2656 u': 0.2267 v': 0.3984
R_ratio: 36.8 % G_ratio: 24.3 % B_ratio: 38.9 % RedRatio: 24.6 % GreenRatio: 68.8 % BlueRatio: 6.7 %

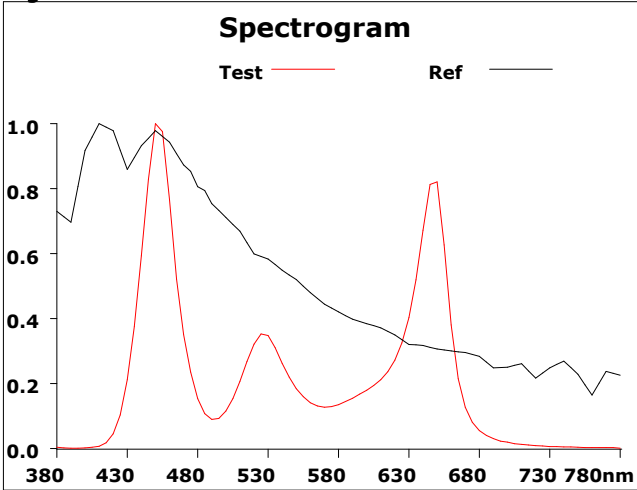
Ra: 34.0 AvgR: 23.3
R1: 14.7 R2: 64.3 R3: 46.9 R4: 13.9 R5: 32.9 R6: 68.8 R7: 57.4 R8: -26.9
R9: -99.0 R10: 42.3 R11: -1.4 R12: 63.5 R13: 24.5 R14: 63.7 R15: -16.6

CCT: 16633 K Flux: 4077.272 lm PeakWave: 452.3 nm SDCM: 45.1
S/P: 2.9 CentralWave: 451.8 nm DominantWave: 0.0 nm CentroidWave: 546.3 nm
HalfWidth: 26.5 nm duv: -0.04427 purity: 0.0 % CQS: 78.9
LER(TM-30): 196.8 Ep: 20715.5 mw Rg: 128.3 Rf: 55.2
Red Ep: 7535.6 mw Near red Ep: 174.1 mw Near infrared Ep: 22.8 mw

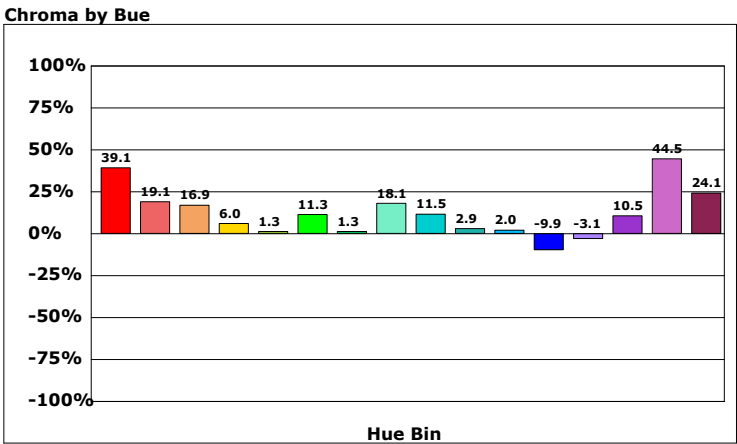
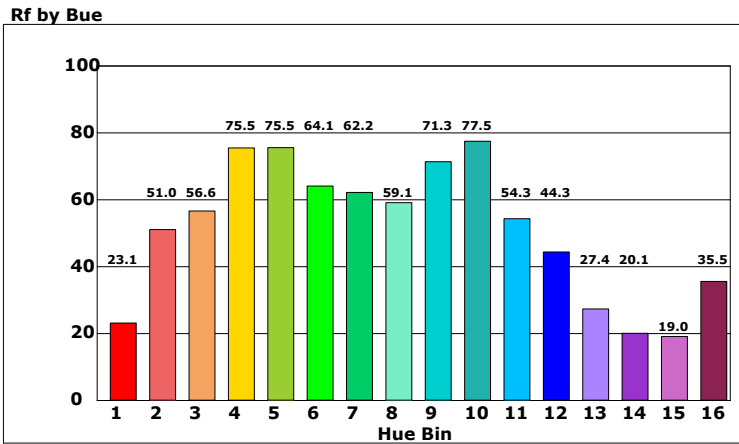
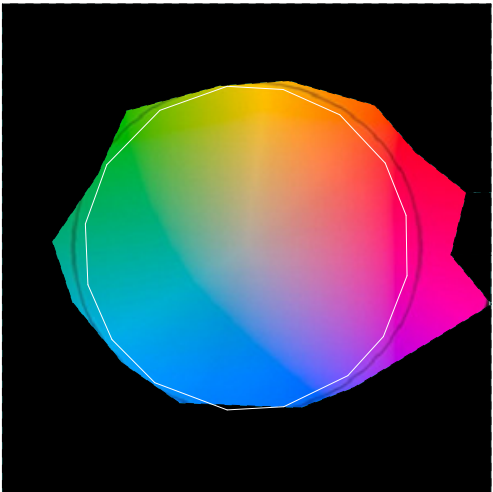
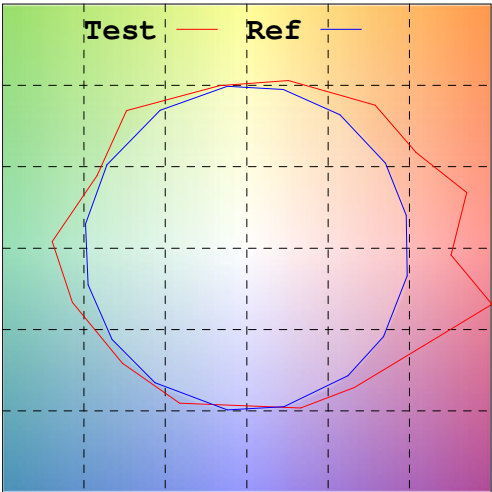
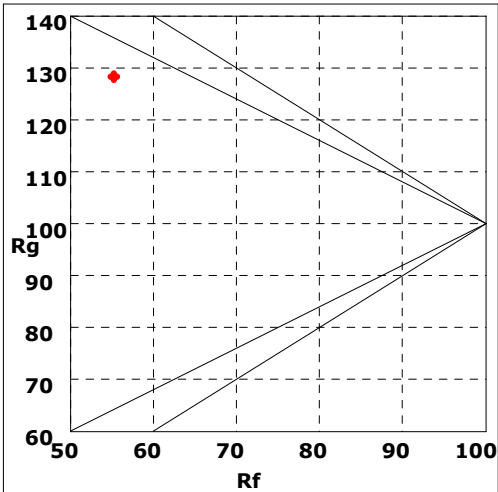
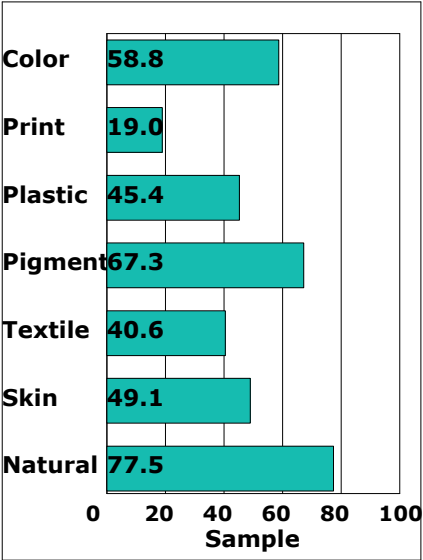
Electrical parameters:

Effic: 10.0 Lm/W Energy: 10.9 Effi: G
U: 218.1 V I: 2.497 A P: 405.800 W Pf: 0.745

Rf: 55.2 CCT: 16633K u': 0.2267
Rg: 128.3 LER: 196.8 Duv: -0.04427 v': 0.3984

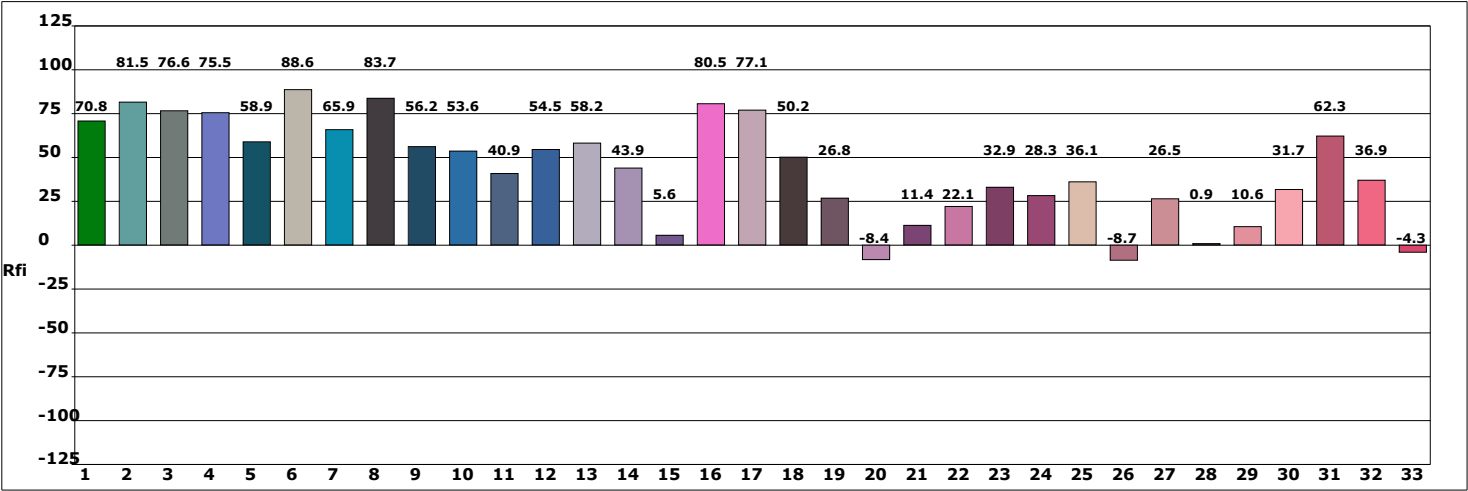
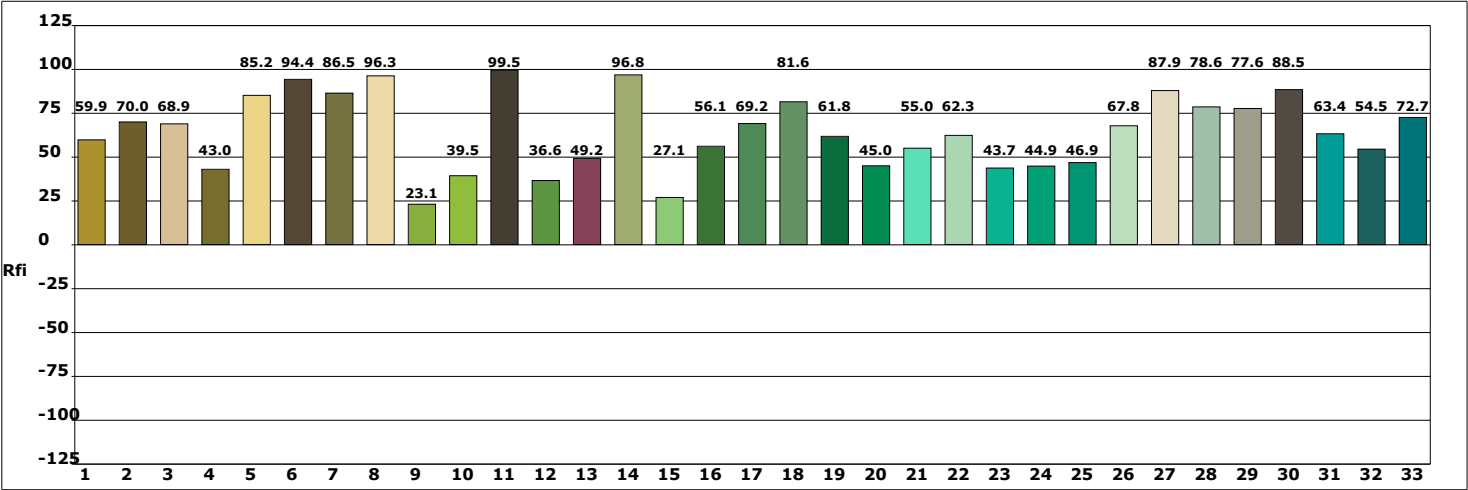
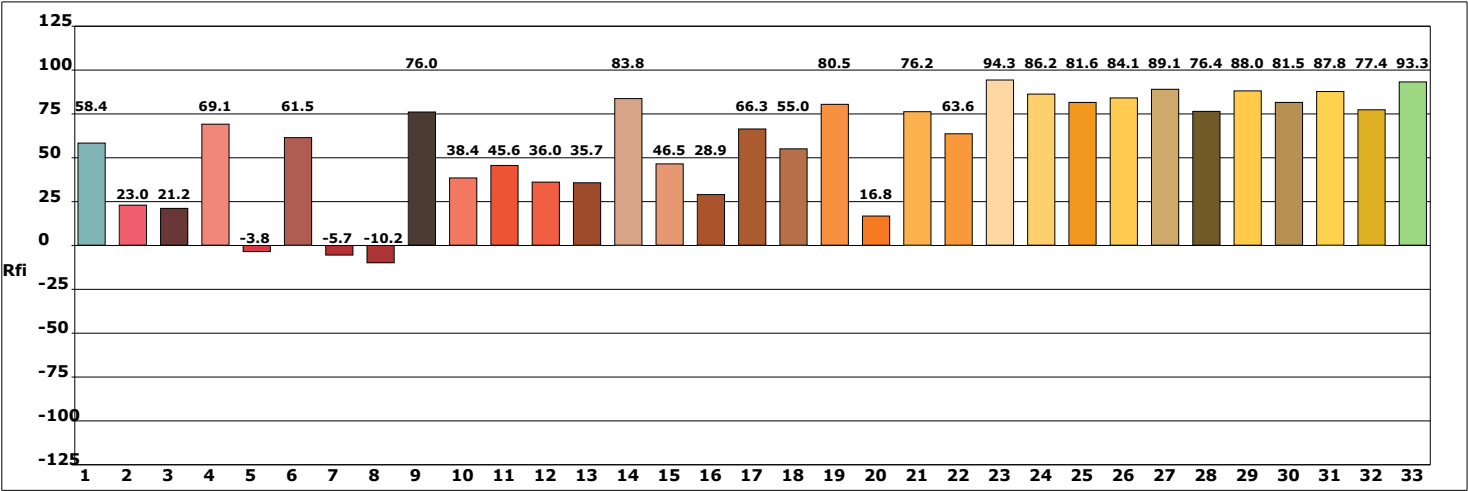


500			
Hue Bin	Rf	Chroma	Hue
1	23.1	39.1%	6.4%
2	51.0	19.1%	-4.8%
3	56.6	16.9%	-14.8%
4	75.5	6.0%	-1.9%
5	75.5	1.3%	4.4%
6	64.1	11.3%	17.3%
7	62.2	1.3%	9.0%
8	59.1	18.1%	14.6%
9	71.3	11.5%	8.8%
10	77.5	2.9%	15.6%
11	54.3	2.0%	19.6%
12	44.3	-9.9%	43.9%
13	27.4	-3.1%	44.6%
14	20.1	10.5%	49.0%
15	19.0	44.5%	53.5%
16	35.5	24.1%	17.7%



Product model:
Product number:
Tester:
Remarks:

Manufacturer: Guangzhou Hotion Technology Co.,
Test unit:
Date of observation: 05/30/14



Product model:
Product number:
Tester:
Remarks:

Manufacturer: Guangzhou Hotion Technology Co.,
Test unit:
Date of observation: 05/30/14