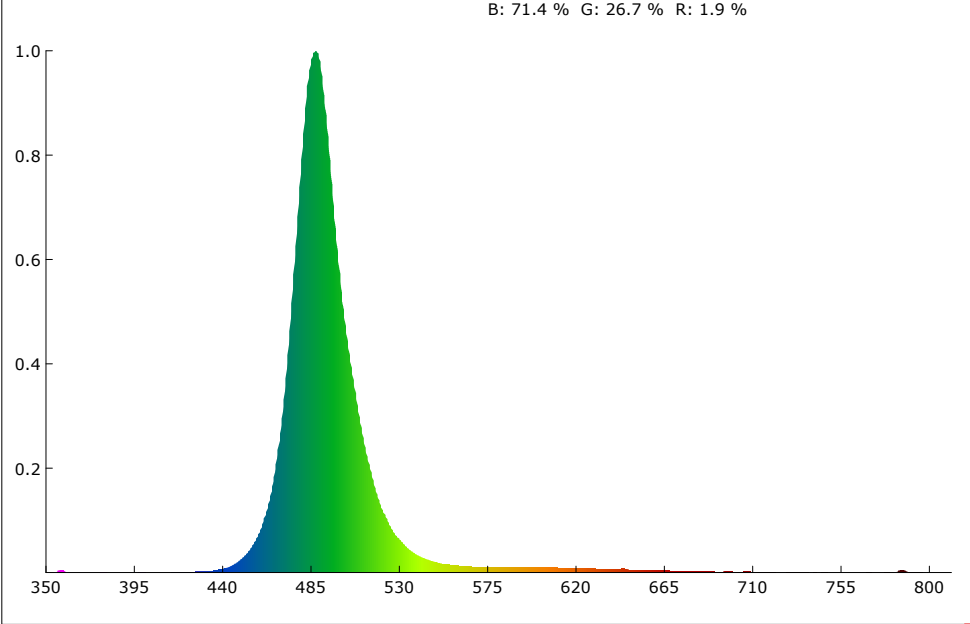
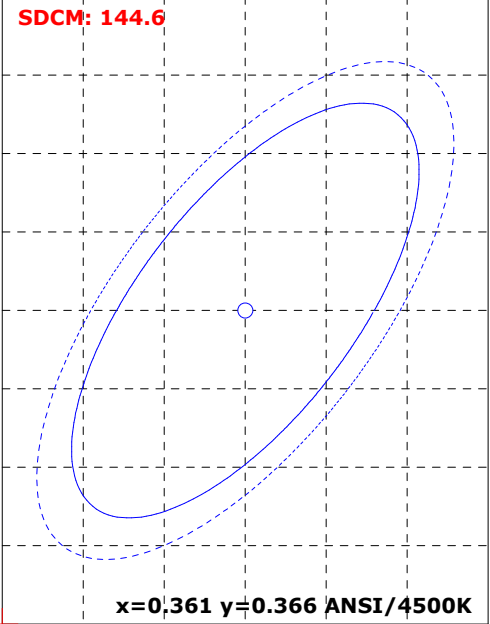


Spectrogram



SDCM



Color Parameter:

x: 0.1017	y: 0.3067	u: 0.0628	v: 0.2841	u': 0.0628	v': 0.4261		
R_ratio: 1.9 %	G_ratio: 26.7 %	B_ratio: 71.4 %	RedRatio: 1.7 %	GreenRatio: 72.6 %	BlueRatio: 25.7 %		
Ra: -12.3 AvgR: -23.8							
R1: 5.9	R2: -2.3	R3: -57.0	R4: -43.2	R5: 23.7	R6: -12.1	R7: -9.0	R8: -5.1
R9: -99.0	R10: -99.0	R11: -50.0	R12: -17.3	R13: -11.0	R14: 11.1	R15: 6.9	

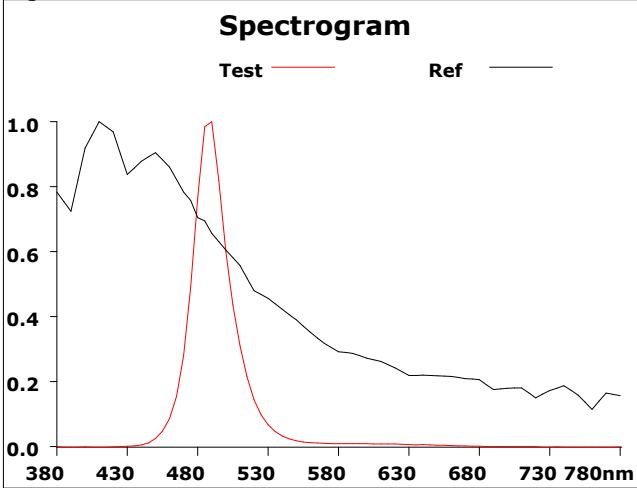
CCT: 99999 K	Flux: 1528.230 lm	PeakWave: 487.6 nm	SDCM: 144.6
S/P: 7.4	CentralWave: 488.8 nm	DominantWave: 490.2 nm	CentroidWave: 496.2 nm
HalfWidth: 26.5 nm	duv: 0.00717	purity: 80.1 %	CQS: 4.9
LER(TM-30): 191.2	Ep: 7994.5 mw	Rg: 21.9	Rf: 2.5
Red Ep: 152.0 mw	Near red Ep: 18.5 mw	Near infrared Ep: 8.7 mw	

Electrical parameters:

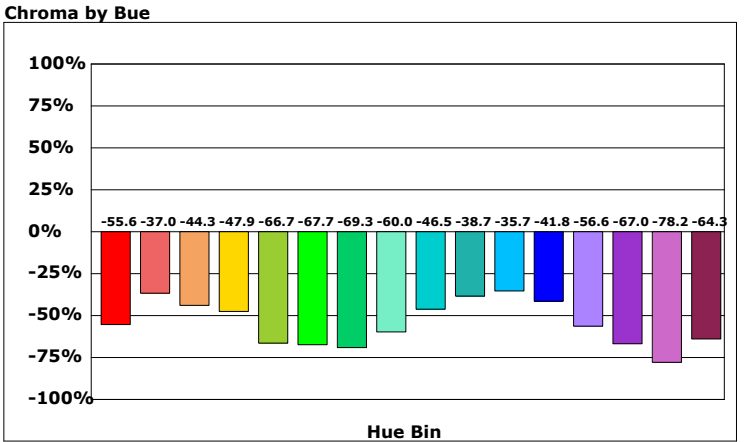
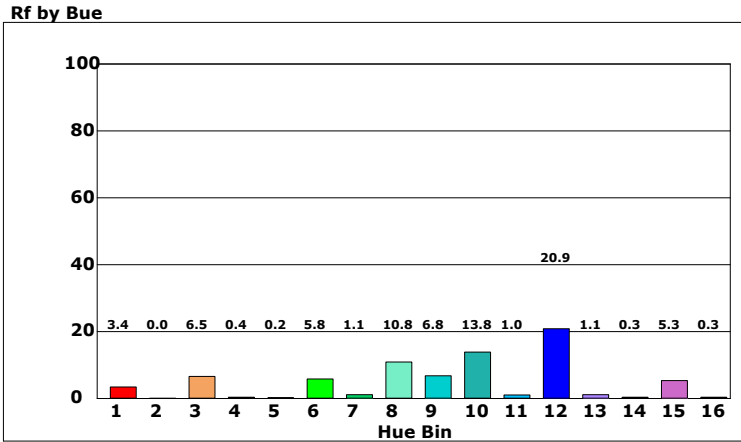
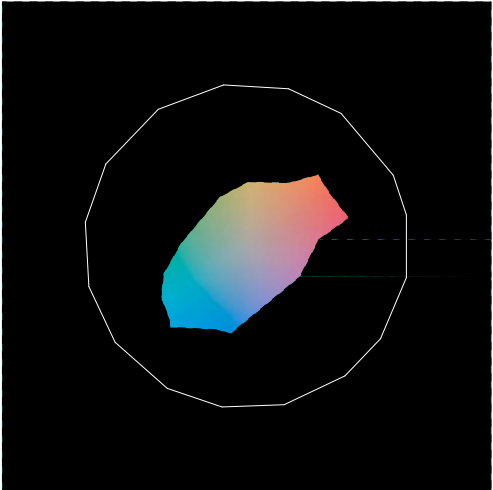
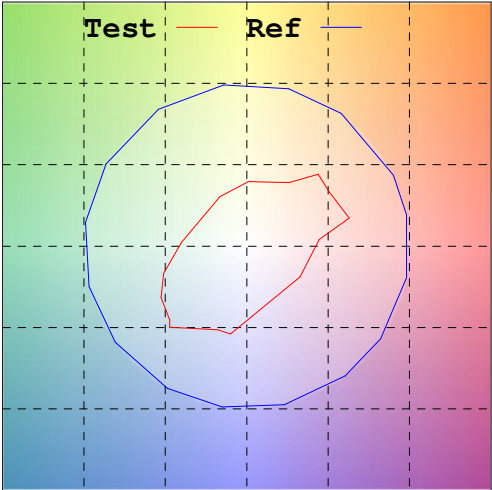
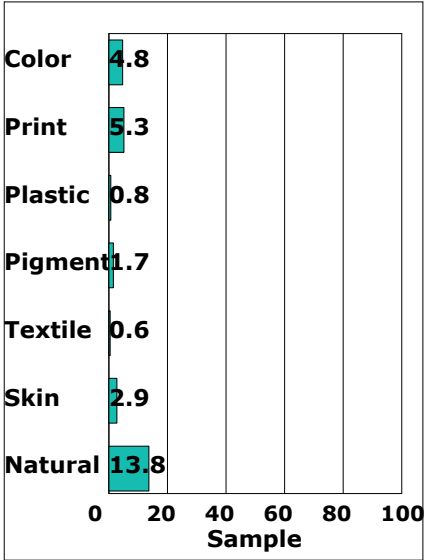
Effic: 26.0 Lm/W	Energy: 28.3	Effi: G	
U: 220.4 V	I: 0.433 A	P: 58.720 W	Pf: 0.614

Product model:	Manufacturer: Guangzhou Hotion Technology Co.,
Product number:	Test unit:
Tester:	Date of observation: 03/17/14
Remarks:	

Rf: 2.5 CCT: 99999K u': 0.0628
Rg: 21.9 LER: 191.2 Duv: 0.00717 v': 0.4261

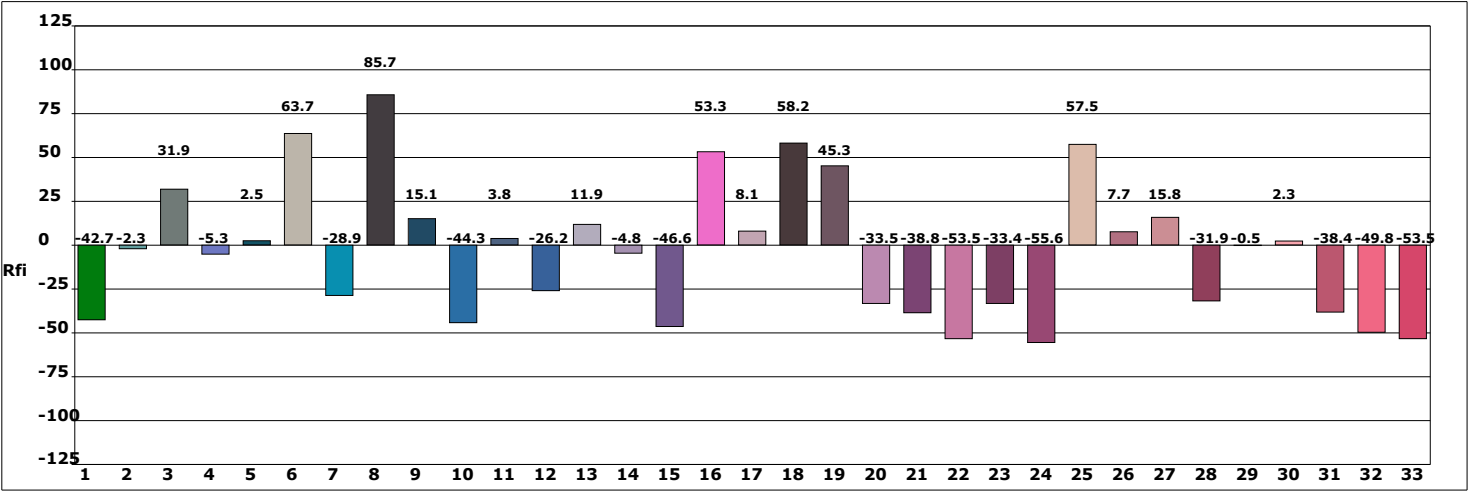
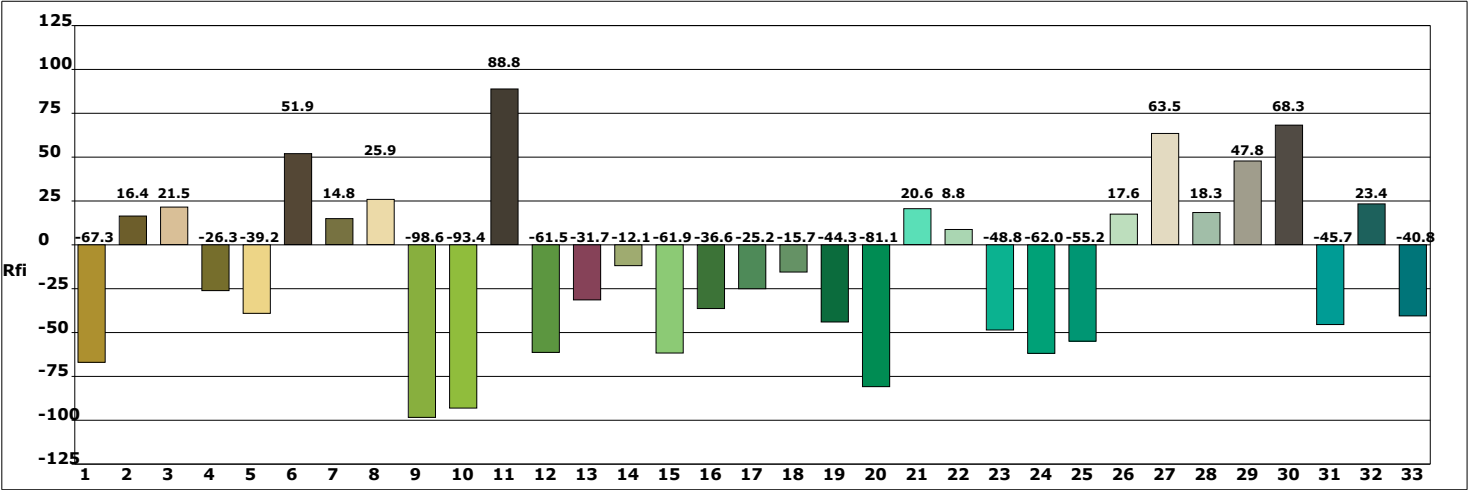
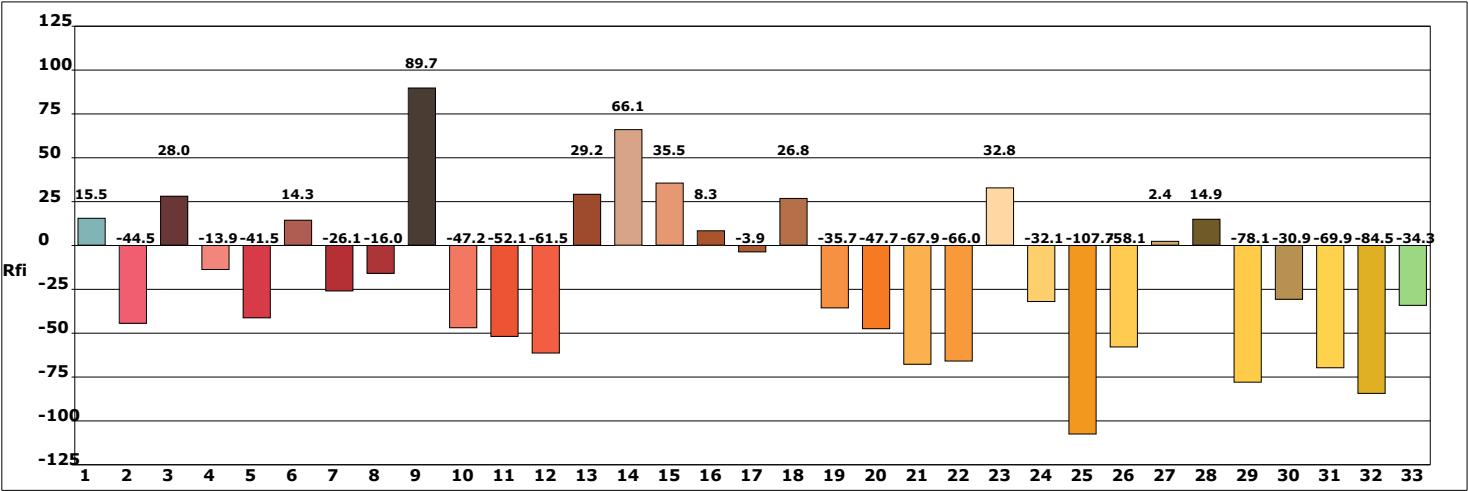


500			
Hue Bin	Rf	Chroma	Hue
1	3.4	-55.6%	-4.4%
2	0.0	-37.0%	-6.9%
3	6.5	-44.3%	-20.9%
4	0.4	-47.9%	-28.0%
5	0.2	-66.7%	-27.5%
6	5.8	-67.7%	-21.3%
7	1.1	-69.3%	-22.2%
8	10.8	-60.0%	0.9%
9	6.8	-46.5%	1.1%
10	13.8	-38.7%	-7.3%
11	1.0	-35.7%	-22.2%
12	20.9	-41.8%	-41.2%
13	1.1	-56.6%	-44.8%
14	0.3	-67.0%	-49.4%
15	5.3	-78.2%	-48.7%
16	0.3	-64.3%	-12.4%



Product model:
Product number:
Tester:
Remarks:

Manufacturer: Guangzhou Hotion Technology Co.,
Test unit:
Date of observation: 03/17/14



Product model:
Product number:
Tester:
Remarks:

Manufacturer: Guangzhou Hotion Technology Co.,
Test unit:
Date of observation: 03/17/14