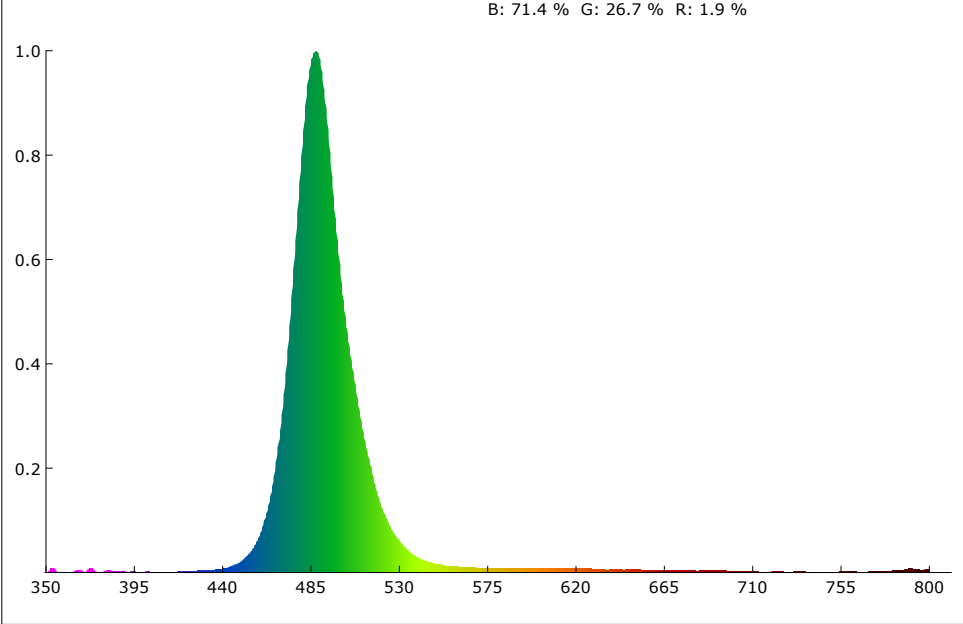
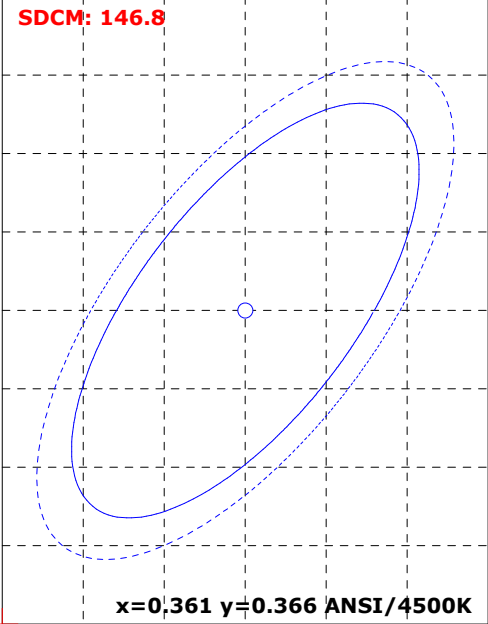


Spectrogram



SDCM



Color Parameter:

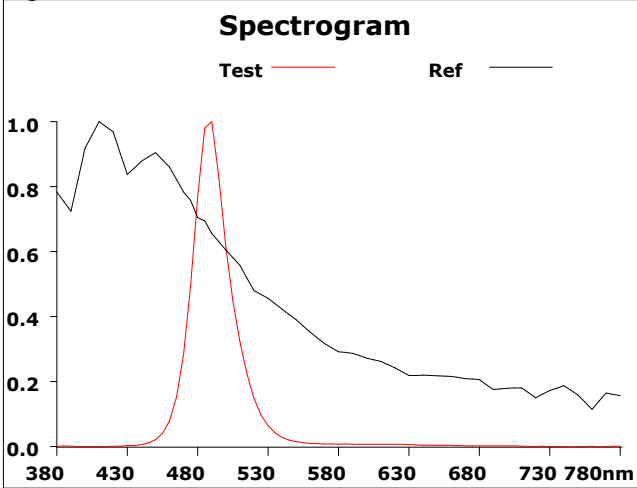
x: 0.0981	y: 0.3068	u: 0.0605	v: 0.2838	u': 0.0605	v': 0.4257		
R_ratio: 1.9 %	G_ratio: 26.7 %	B_ratio: 71.4 %	RedRatio: 1.6 %	GreenRatio: 72.6 %	BlueRatio: 25.8 %		
Ra: -14.3 AvgR: -25.7							
R1: 3.5	R2: -4.4	R3: -59.4	R4: -44.6	R5: 21.3	R6: -15.3	R7: -10.1	R8: -5.8
R9: -99.0	R10: -99.0	R11: -52.6	R12: -21.9	R13: -13.6	R14: 9.8	R15: 6.0	

CCT: 99999 K	Flux: 1056.580 lm	PeakWave: 487.6 nm	SDCM: 146.8
S/P: 7.5	CentralWave: 489.0 nm	DominantWave: 490.3 nm	CentroidWave: 497.4 nm
HalfWidth: 27.3 nm	duv: 0.00647	purity: 81.4 %	CQS: 4.9
LER(TM-30): 187.4	Ep: 5638.5 mw	Rg: 20.6	Rf: 2.0
Red Ep: 107.9 mw	Near red Ep: 34.1 mw	Near infrared Ep: 21.7 mw	

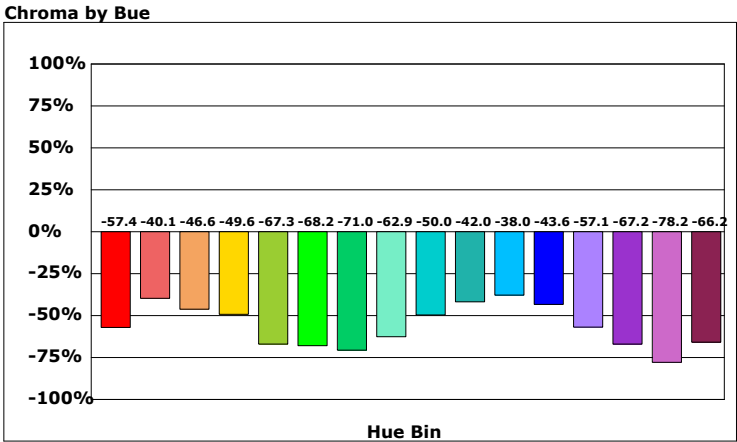
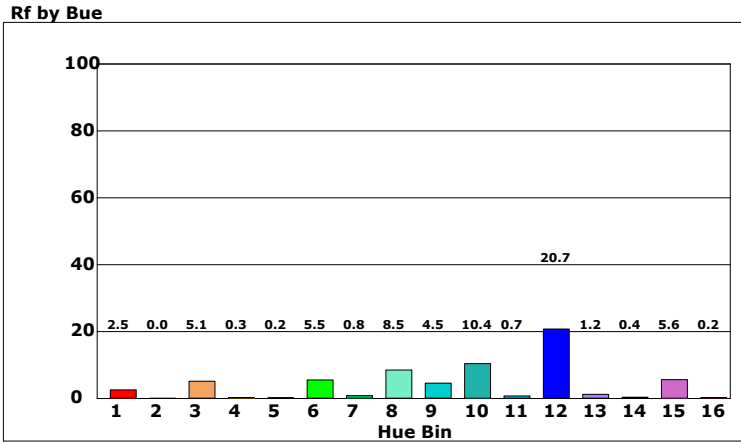
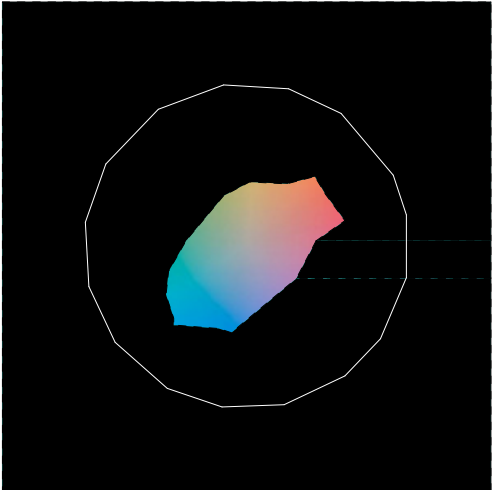
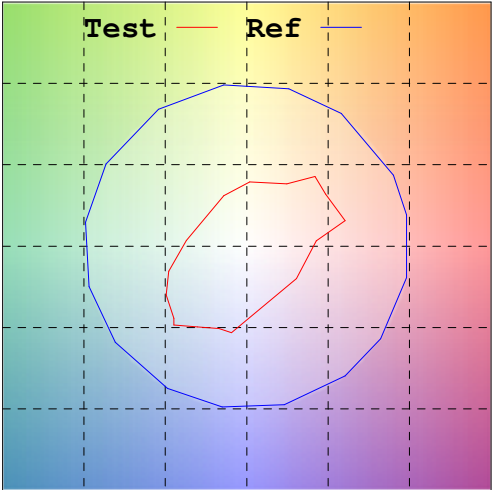
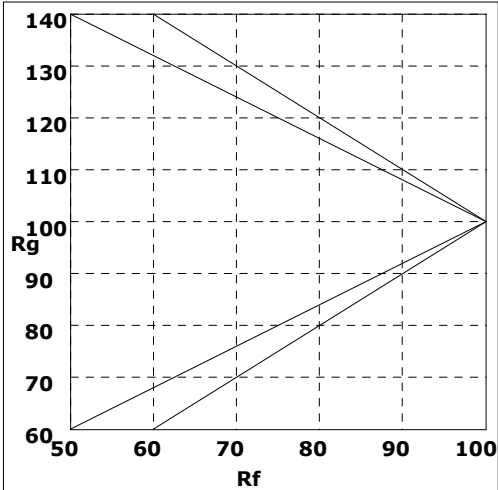
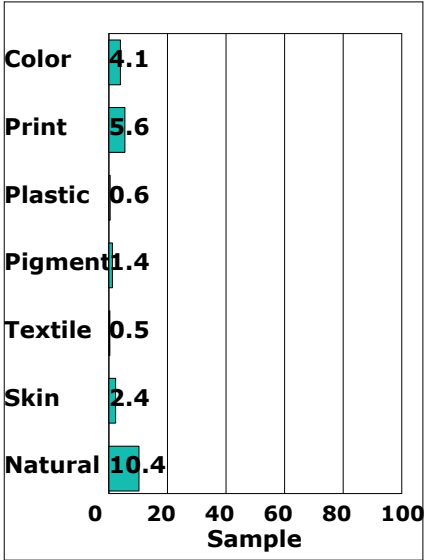
Electrical parameters:

Effic: 18.6 Lm/W	Energy: 20.2	Effi: G	
U: 220.6 V	I: 0.420 A	P: 56.850 W	Pf: 0.612

Rf: 2.0 CCT: 99999K u': 0.0605
Rg: 20.6 LER: 187.4 Duv: 0.00647 v': 0.4257

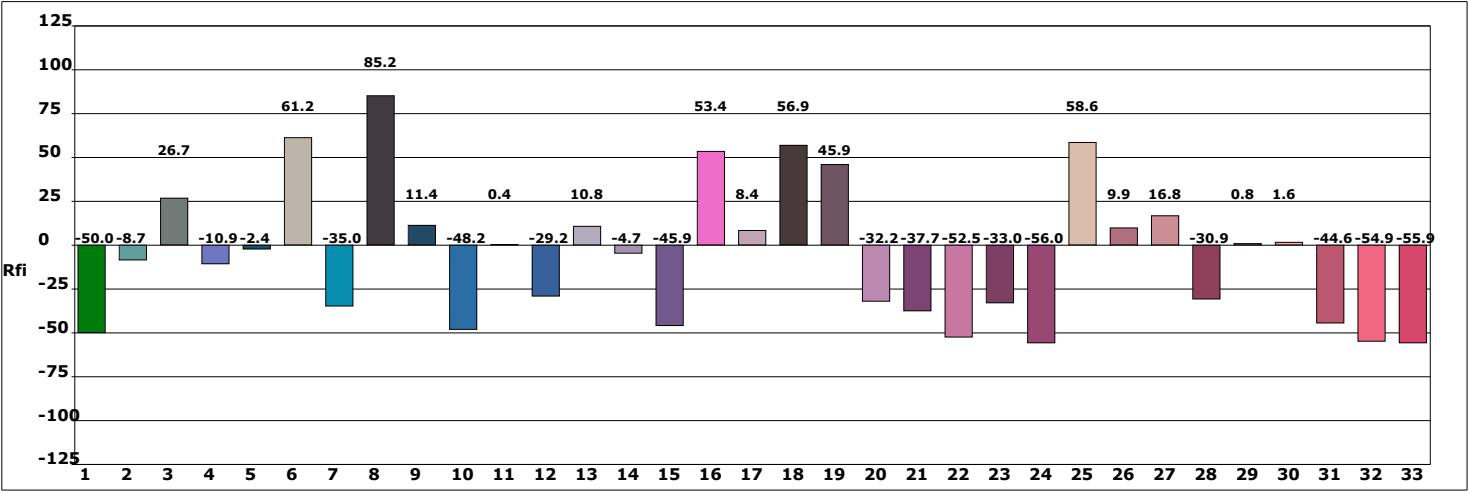
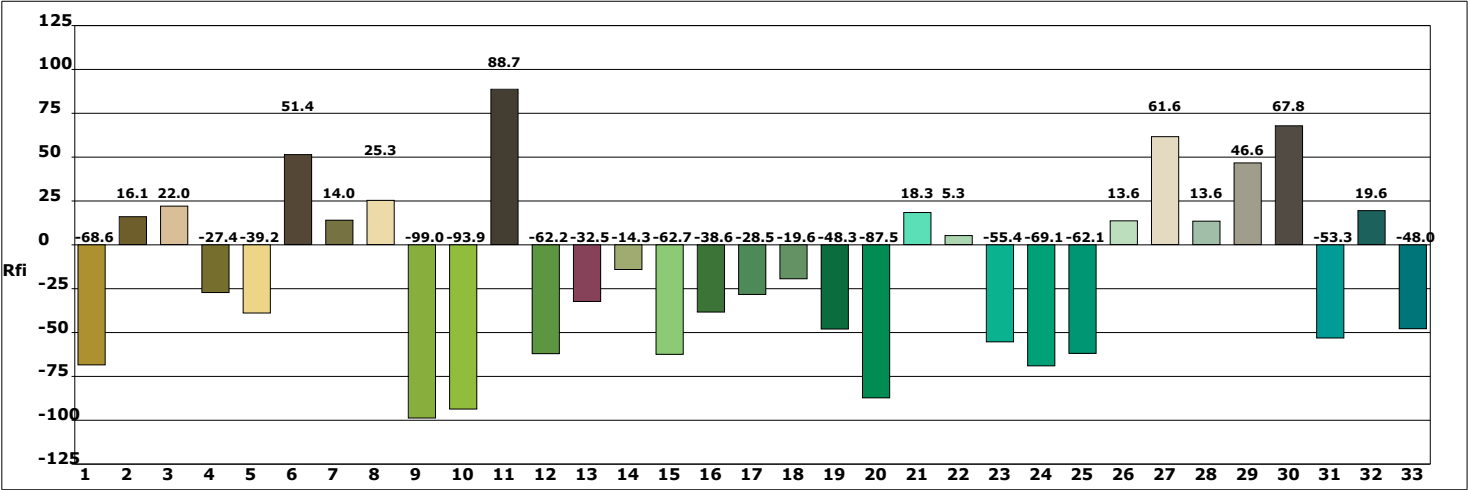
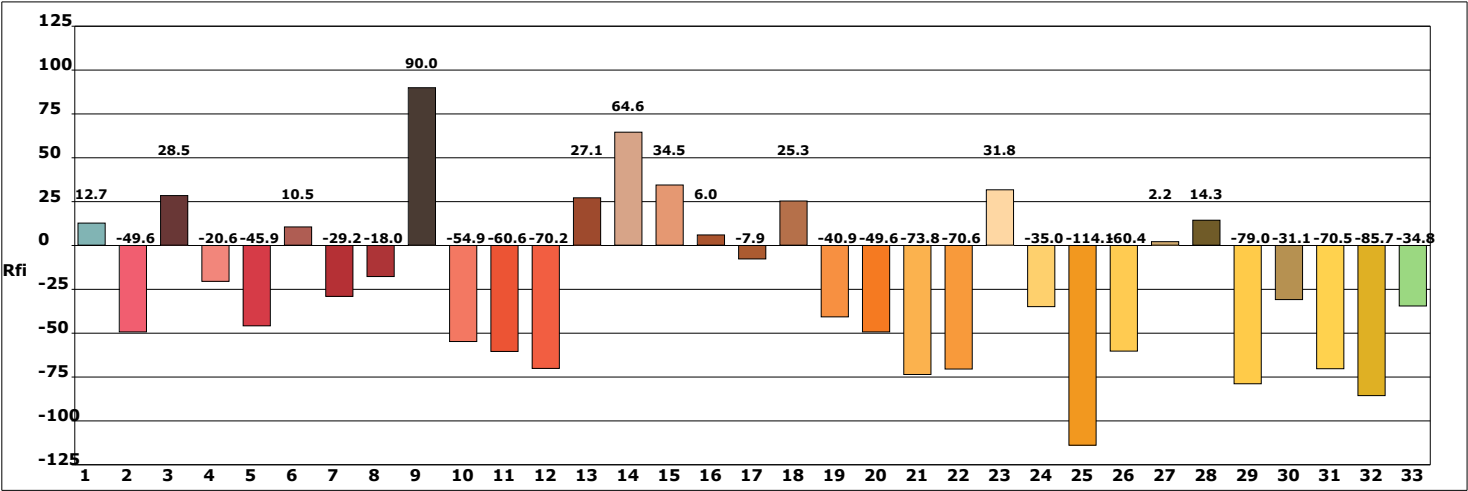


500			
Hue Bin	Rf	Chroma	Hue
1	2.5	-57.4%	-4.9%
2	0.0	-40.1%	-6.7%
3	5.1	-46.6%	-19.6%
4	0.3	-49.6%	-26.2%
5	0.2	-67.3%	-26.2%
6	5.5	-68.2%	-21.8%
7	0.8	-71.0%	-24.0%
8	8.5	-62.9%	-1.0%
9	4.5	-50.0%	0.4%
10	10.4	-42.0%	-6.8%
11	0.7	-38.0%	-20.7%
12	20.7	-43.6%	-38.8%
13	1.2	-57.1%	-42.9%
14	0.4	-67.2%	-48.3%
15	5.6	-78.2%	-47.6%
16	0.2	-66.2%	-13.7%



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