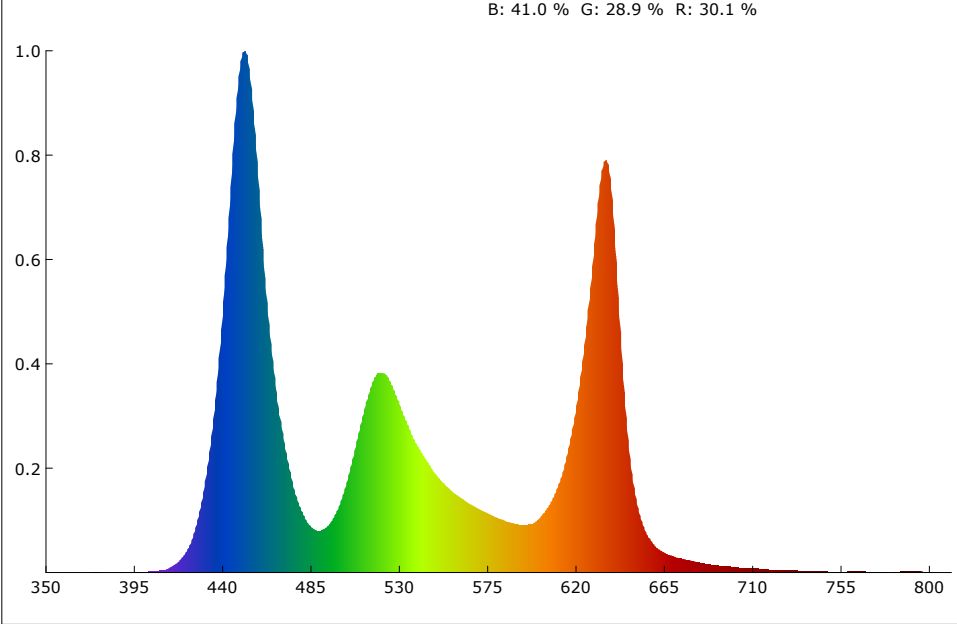
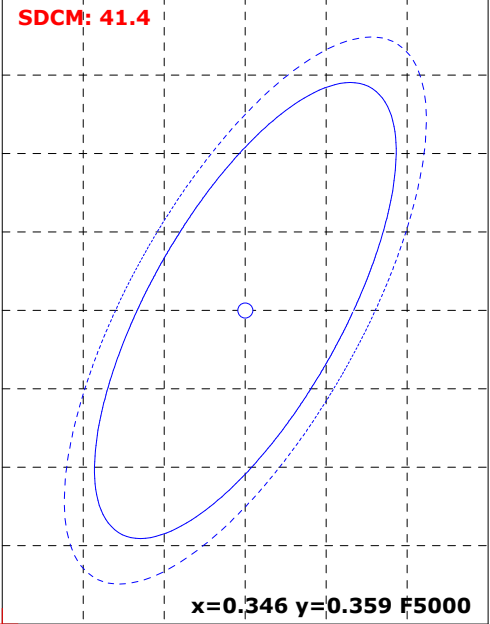


Spectrogram



SDCM



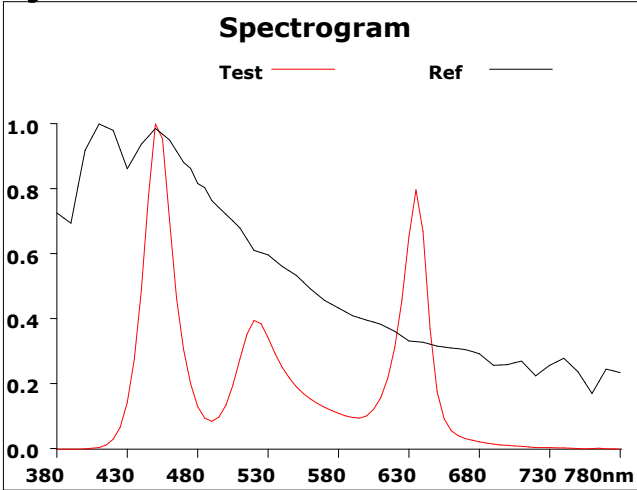
Color Parameter:

x: 0.2837	y: 0.2403	u: 0.2135	v: 0.2712	u': 0.2135	v': 0.4068		
R_ratio: 30.1 %	G_ratio: 28.9 %	B_ratio: 41.0 %	RedRatio: 22.9 %	GreenRatio: 70.9 %	BlueRatio: 6.2 %		
Ra: 43.9		AvgR: 33.9					
R1: 32.7	R2: 79.1	R3: 48.0	R4: 20.0	R5: 40.6	R6: 71.6	R7: 65.9	R8: -6.2
R9: -99.0	R10: 64.4	R11: 5.0	R12: 68.2	R13: 45.1	R14: 65.0	R15: 7.6	
CCT: 15728 K		Flux: 2189.061 lm	PeakWave: 451.6 nm	SDCM: 41.4			
S/P: 3.0		CentralWave: 452.1 nm	DominantWave: 443.3 nm	CentroidWave: 534.1 nm			
HalfWidth: 23.0 nm		duv: -0.02996	purity: 29.0 %	CQS: 85.1			
LER(TM-30): 226.0		Ep: 9685.7 mw	Rg: 124.6	Rf: 62.1			
Red Ep: 2901.5 mw		Near red Ep: 49.2 mw	Near infrared Ep: 6.1 mw				

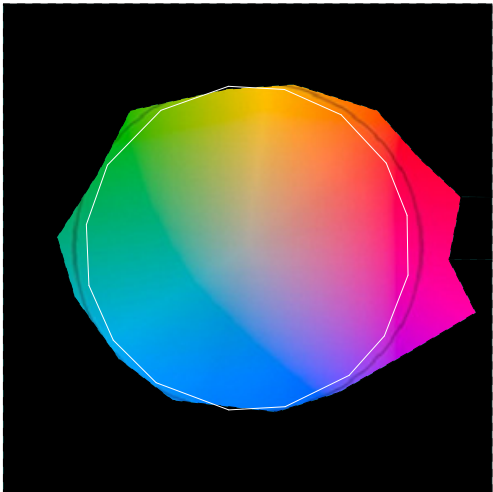
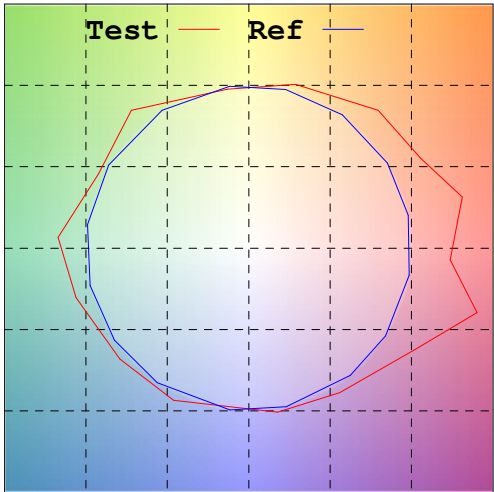
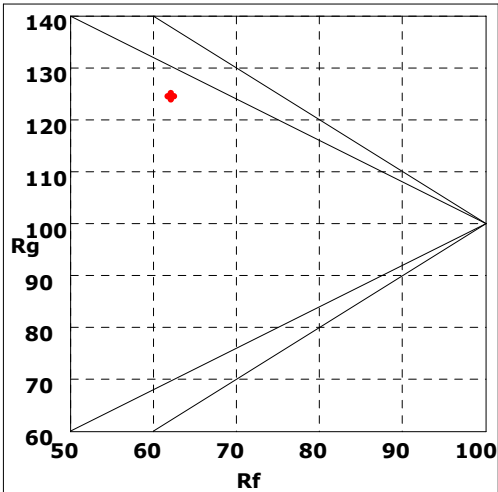
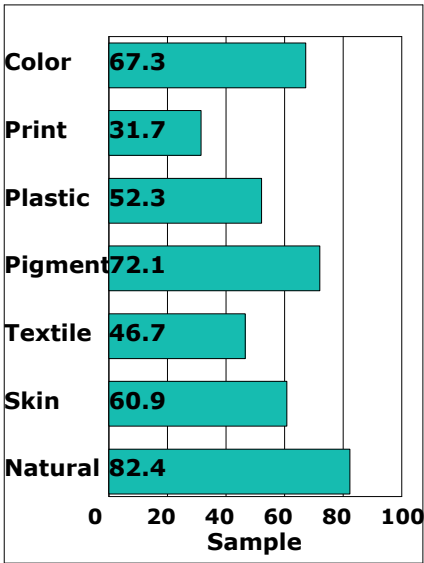
Electrical parameters:

Effic: 21.7 Lm/W	Energy: 23.6	Effi: G	
U: 220.6 V	I: 0.718 A	P: 101.000 W	Pf: 0.637

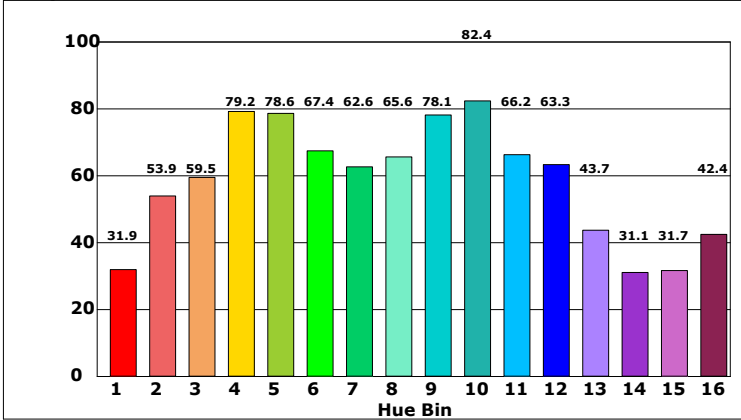
Rf: 62.1 CCT: 15728K u': 0.2135
Rg: 124.6 LER: 226.0 Duv: -0.02996 v': 0.4068



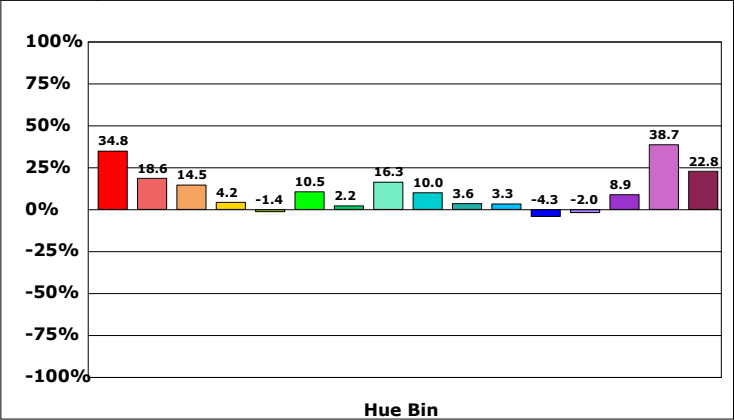
500			
Hue Bin	Rf	Chroma	Hue
1	31.9	34.8%	4.3%
2	53.9	18.6%	-8.9%
3	59.5	14.5%	-16.8%
4	79.2	4.2%	-5.5%
5	78.6	-1.4%	1.8%
6	67.4	10.5%	15.8%
7	62.6	2.2%	8.1%
8	65.6	16.3%	11.3%
9	78.1	10.0%	5.7%
10	82.4	3.6%	11.4%
11	66.2	3.3%	14.5%
12	63.3	-4.3%	29.1%
13	43.7	-2.0%	34.0%
14	31.1	8.9%	41.7%
15	31.7	38.7%	43.2%
16	42.4	22.8%	14.3%



Rf by Hue

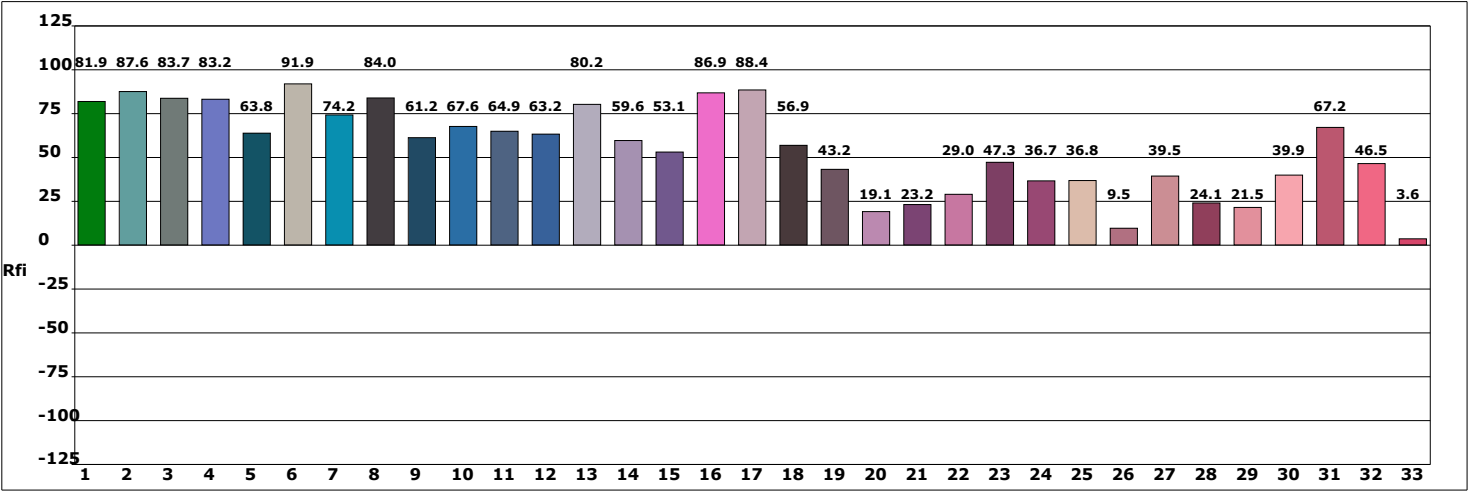
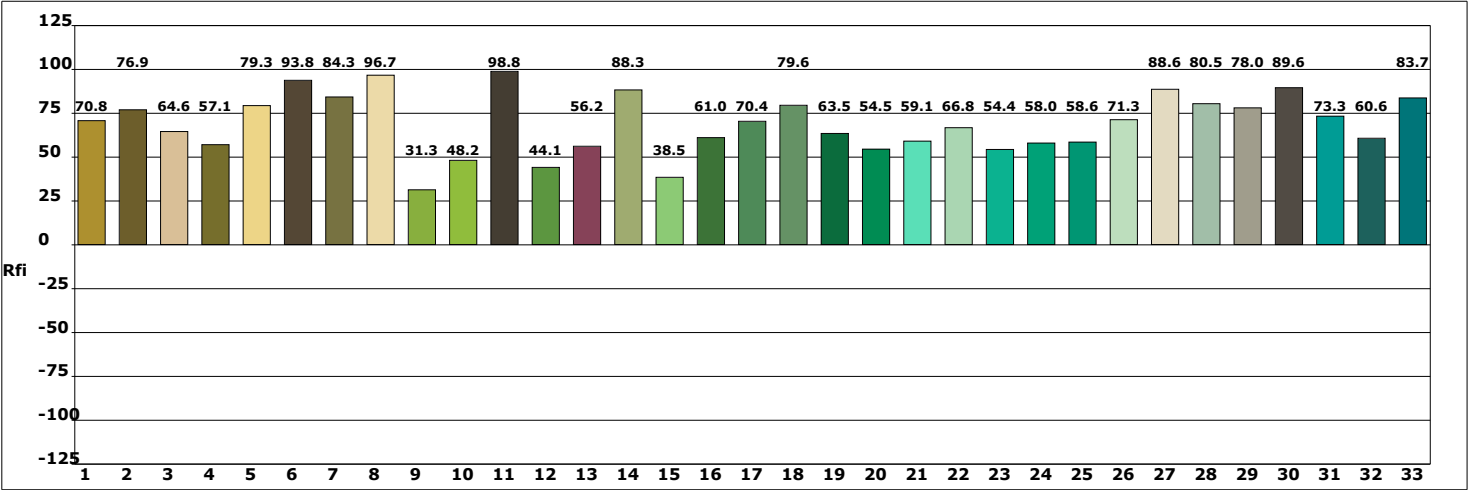
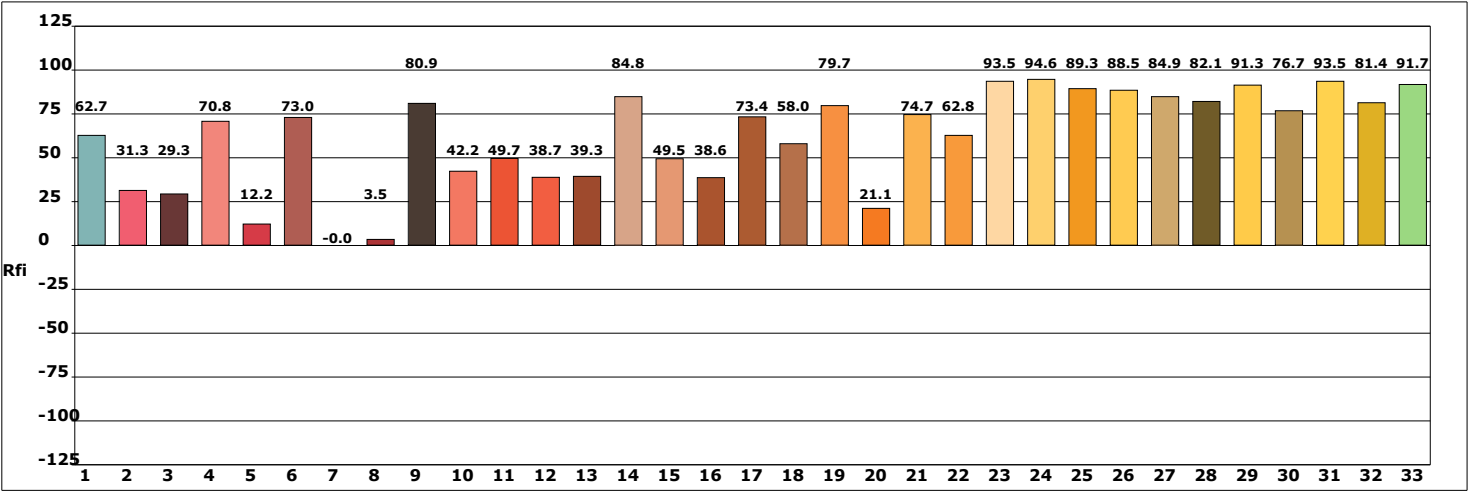


Chroma by Hue



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