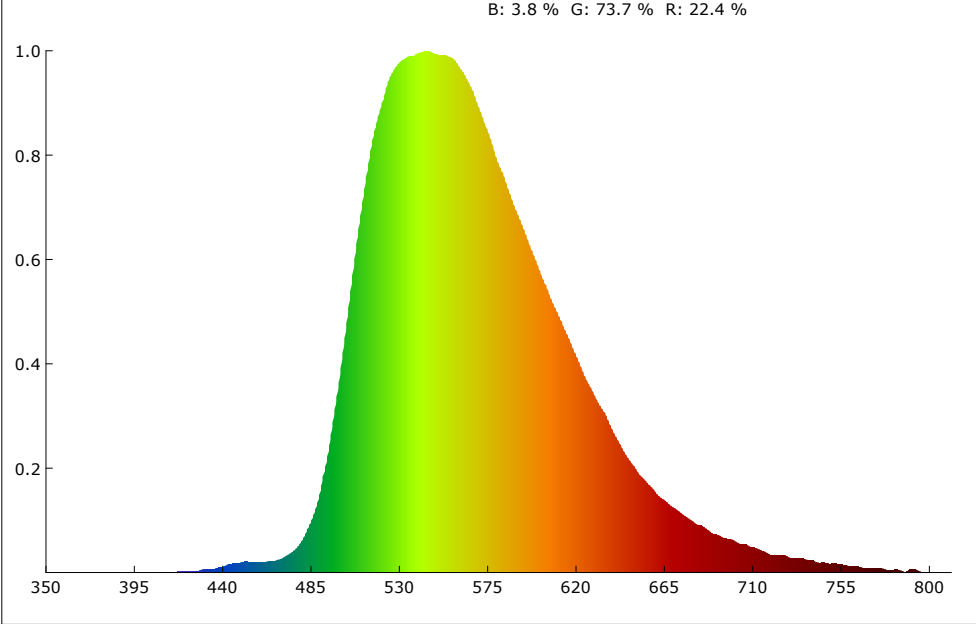
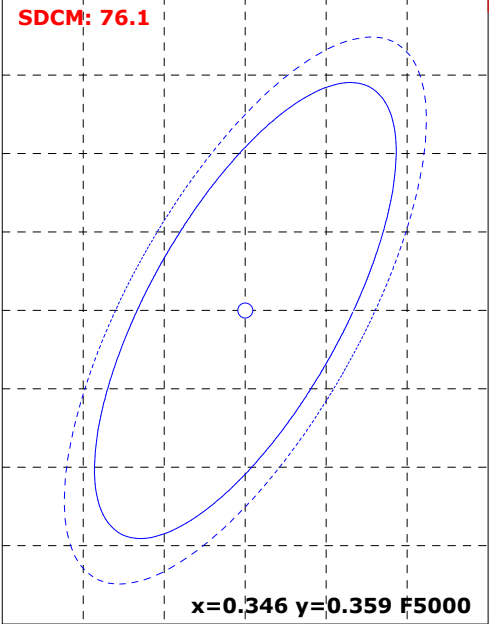


Spectrogram



SDCM



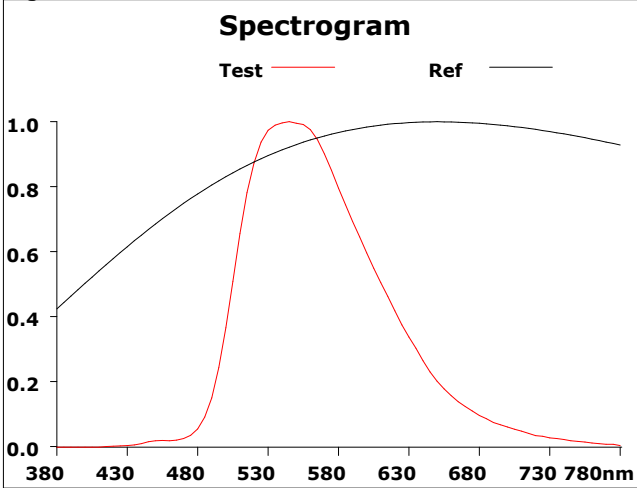
Color Parameter:

x: 0.3992	y: 0.5640	u: 0.1780	v: 0.3773	u': 0.1780	v': 0.5659		
R_ratio: 22.4 %	G_ratio: 73.7 %	B_ratio: 3.8 %	RedRatio: 9.4 %	GreenRatio: 90.2 %	BlueRatio: 0.3 %		
Ra: 31.6	AvgR: 14.9						
R1: 35.6	R2: 36.4	R3: 30.3	R4: -16.2	R5: 18.4	R6: 44.9	R7: 75.1	R8: 29.0
R9: -99.0	R10: -10.2	R11: -34.7	R12: 10.9	R13: 27.1	R14: 62.8	R15: 13.6	
CCT: 4453 K	Flux: 2256.575 lm	PeakWave: 545.3 nm	SDCM: 76.1				
S/P: 1.4	CentralWave: 557.3 nm	DominantWave: 564.8 nm	CentroidWave: 569.0 nm				
HalfWidth: 105.5 nm	duv: 0.06268	purity: 89.4 %	CQS: 27.7				
LER(TM-30): 467.2	Ep: 4830.1 mw	Rg: 42.7	Rf: 34.9				
Red Ep: 1063.2 mw	Near red Ep: 87.9 mw	Near infrared Ep: 3.7 mw					

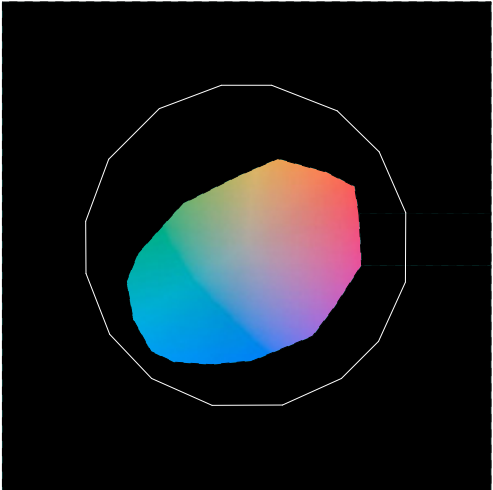
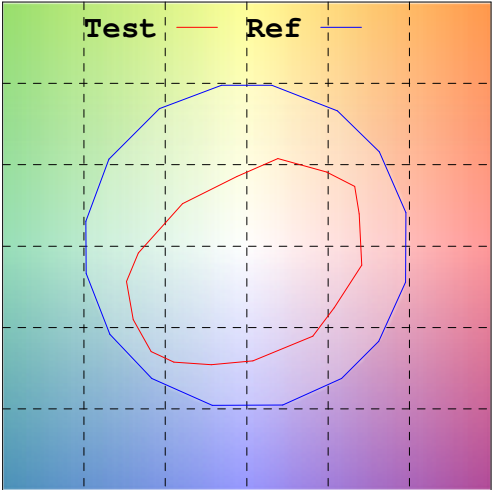
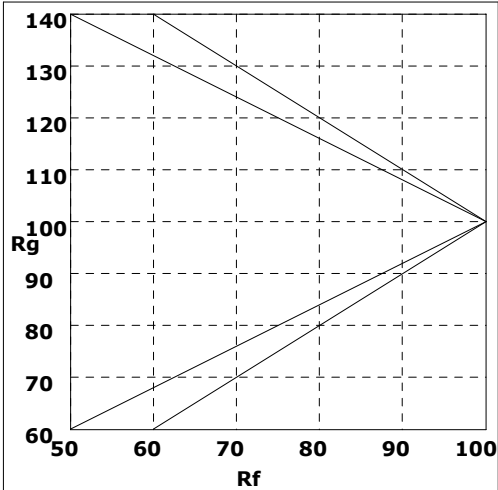
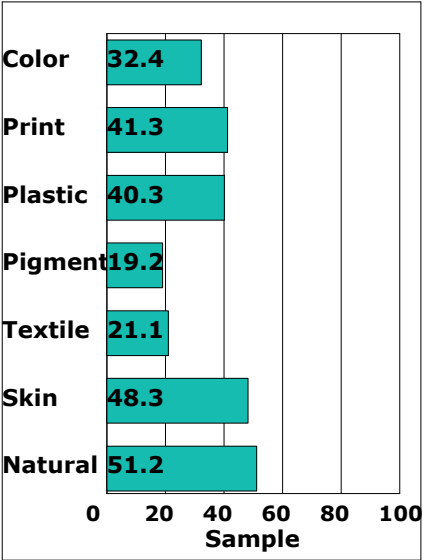
Electrical parameters:

Effic: 22.9 Lm/W	Energy: 24.9	Effi: G	
U: 220.9 V	I: 0.492 A	P: 98.560 W	Pf: 0.905

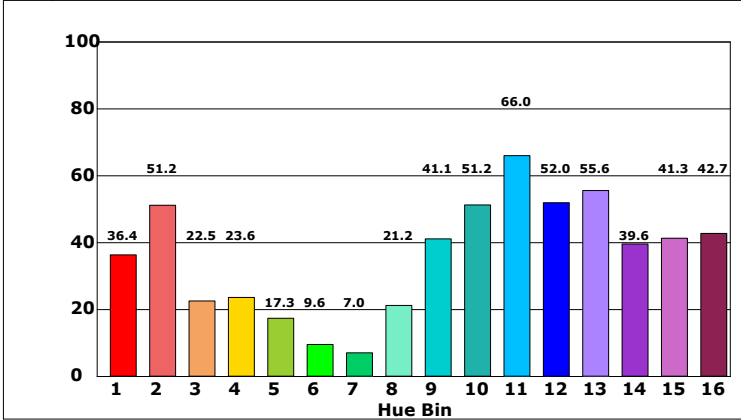
Rf: 34.9 CCT: 4453K u': 0.1780
Rg: 42.7 LER: 467.2 Duv: 0.06268 v': 0.5659



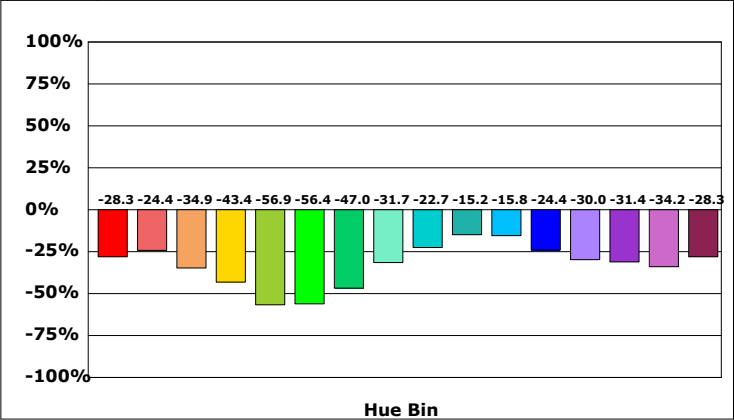
500			
Hue Bin	Rf	Chroma	Hue
1	36.4	-28.3%	4.7%
2	51.2	-24.4%	-9.3%
3	22.5	-34.9%	-15.3%
4	23.6	-43.4%	-12.6%
5	17.3	-56.9%	1.5%
6	9.6	-56.4%	20.5%
7	7.0	-47.0%	37.9%
8	21.2	-31.7%	31.4%
9	41.1	-22.7%	33.5%
10	51.2	-15.2%	22.8%
11	66.0	-15.8%	5.8%
12	52.0	-24.4%	-5.4%
13	55.6	-30.0%	-12.7%
14	39.6	-31.4%	-0.3%
15	41.3	-34.2%	2.1%
16	42.7	-28.3%	4.8%



Rf by Bue

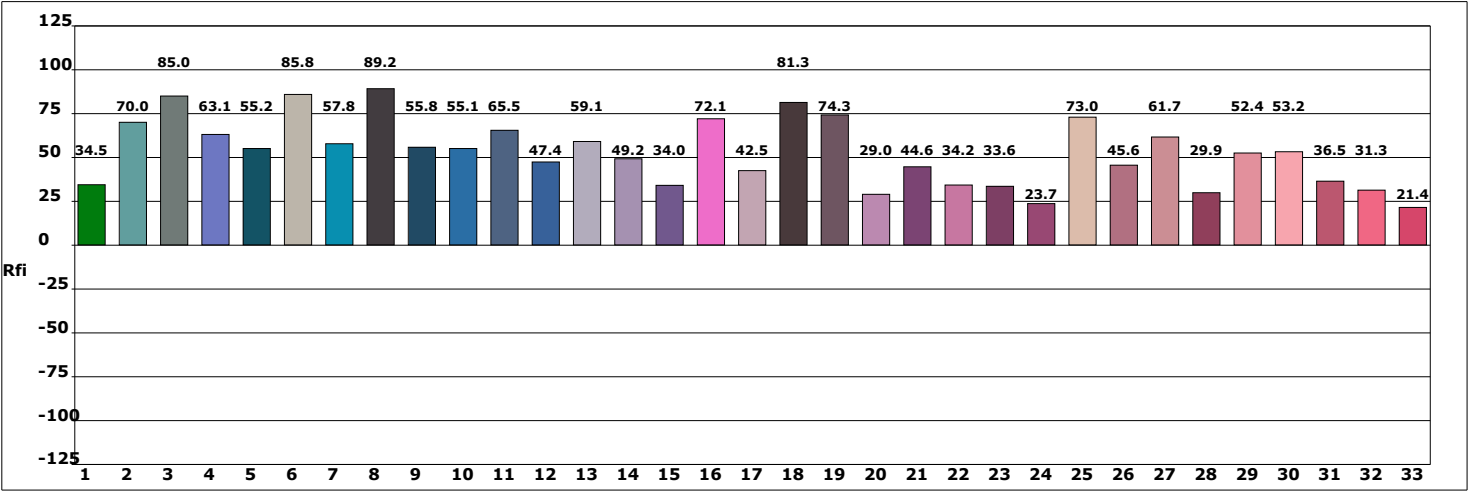
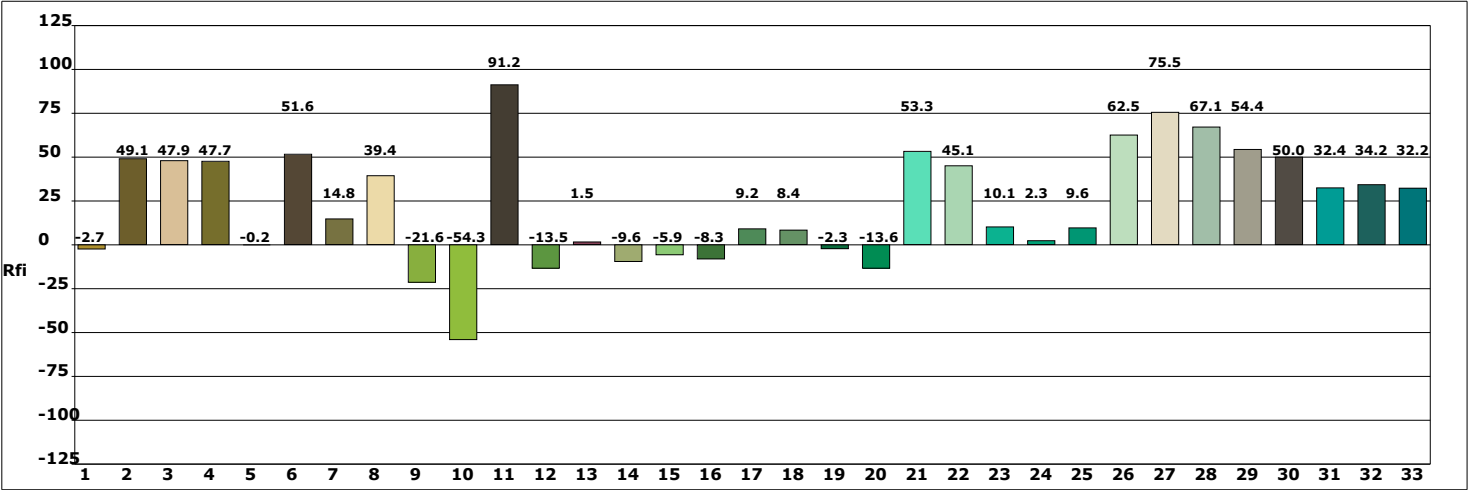
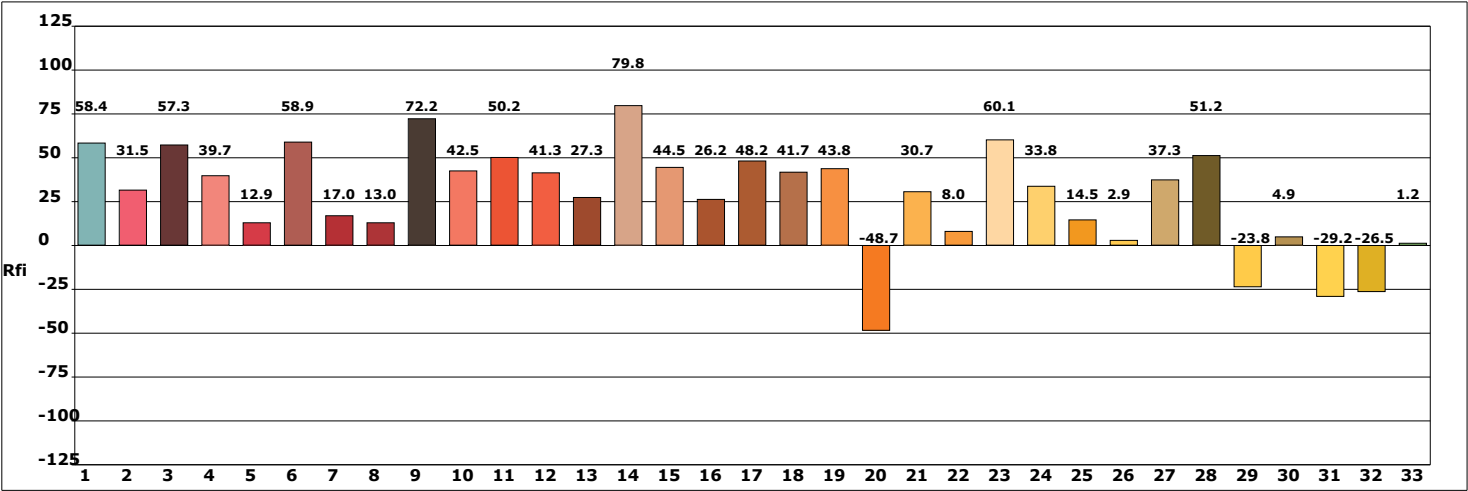


Chroma by Bue



Product model:
Product number:
Tester:
Remarks:

Manufacturer: Guangzhou Hotion Technology Co.,
Test unit:
Date of observation: 07/15/14



Product model:
Product number:
Tester:
Remarks:

Manufacturer: Guangzhou Hotion Technology Co.,
Test unit:
Date of observation: 07/15/14