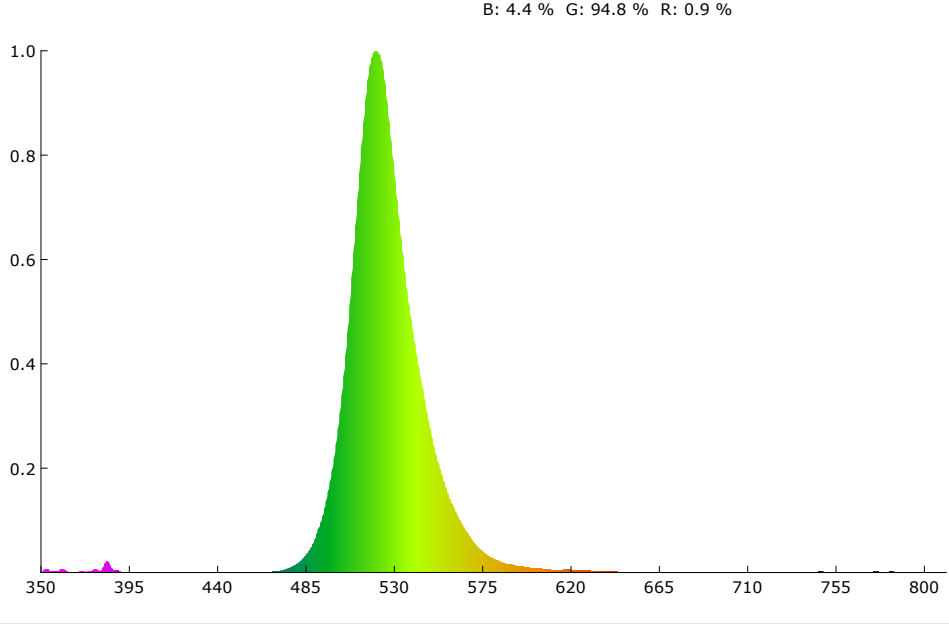
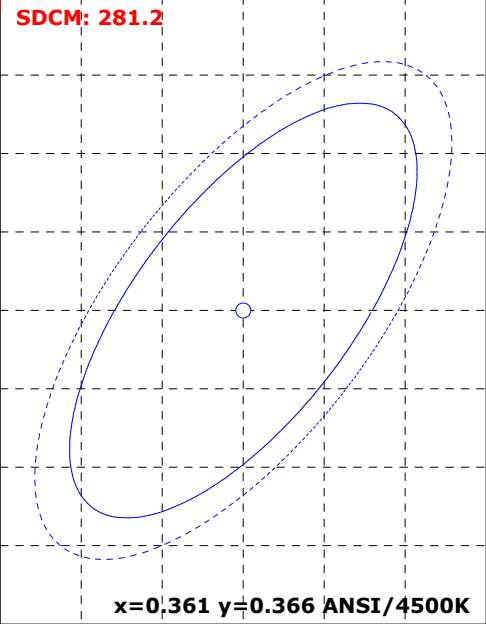


Spectrogram



SDCM



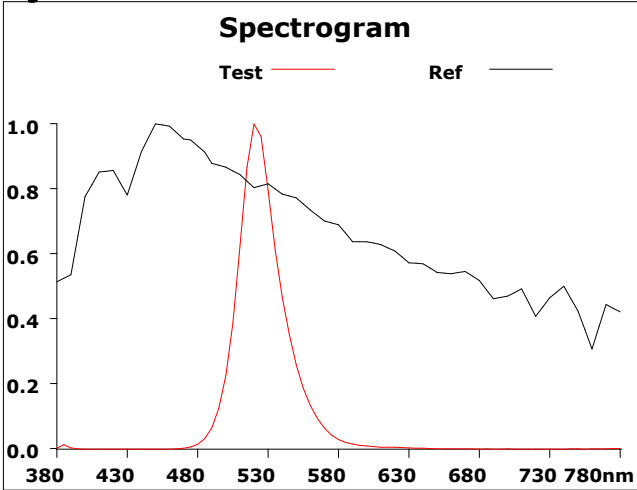
Color Parameter:

x: 0.1748	y: 0.7363	u: 0.0609	v: 0.3846	u': 0.0609	v': 0.5769
R_ratio: 0.9 %	G_ratio: 94.8 %	B_ratio: 4.4 %	RedRatio: 0.4 %	GreenRatio: 99.3 %	BlueRatio: 0.3 %
Ra: -28.1	AvgR: -40.0				
R1: -34.7	R2: -13.1	R3: -31.6	R4: -70.0	R5: -10.4	R6: -18.7
R7: -12.2	R8: -34.4	R9: -99.0	R10: -99.0	R11: -99.0	R12: -37.5
R13: -41.6	R14: 34.1	R15: -33.1			
CCT: 7717 K	Flux: 2488.027 lm	PeakWave: 521.6 nm	SDCM: 281.2		
S/P: 2.7	CentralWave: 523.0 nm	DominantWave: 528.8 nm	CentroidWave: 526.9 nm		
HalfWidth: 30.7 nm	duv: 0.15744	purity: 84.3 %	CQS: 0.2		
LER(TM-30): 498.0	Ep: 4996.3 mw	Rg: 6.6	Rf: 0.6		
Red Ep: 43.7 mw	Near red Ep: 10.8 mw	Near infrared Ep: 3.6 mw			

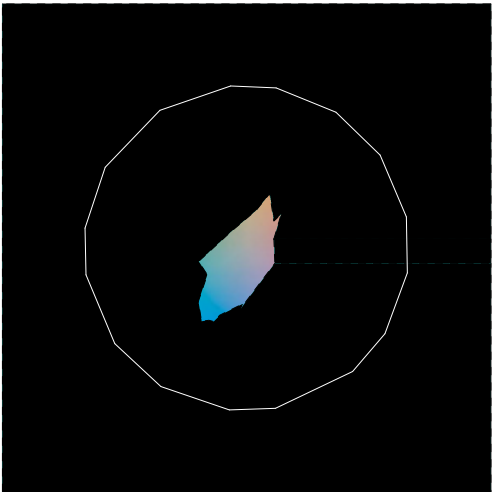
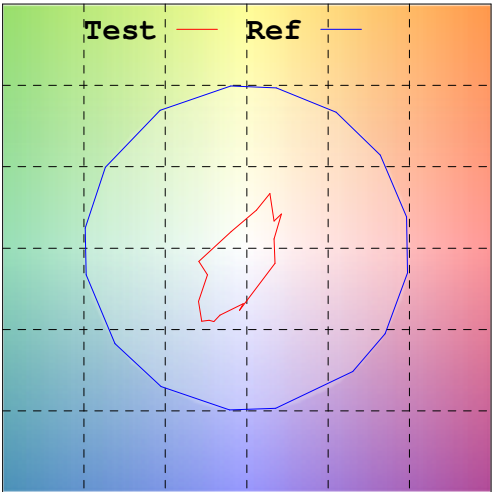
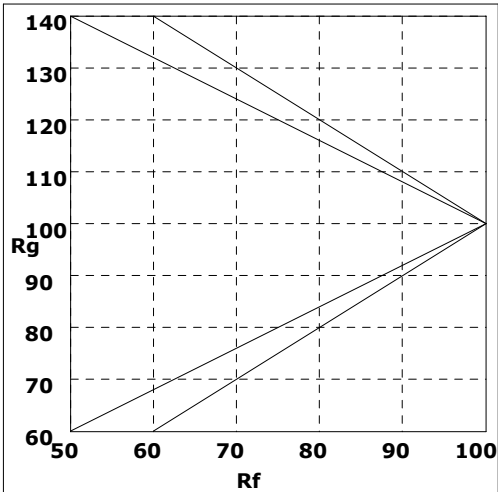
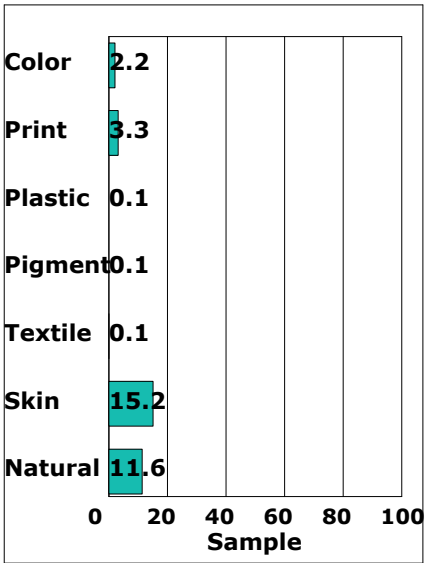
Electrical parameters:

Effic: 46.2 Lm/W	Energy: 50.4	Effi: G	
U: 220.4 V	I: 0.401 A	P: 53.800 W	Pf: 0.608

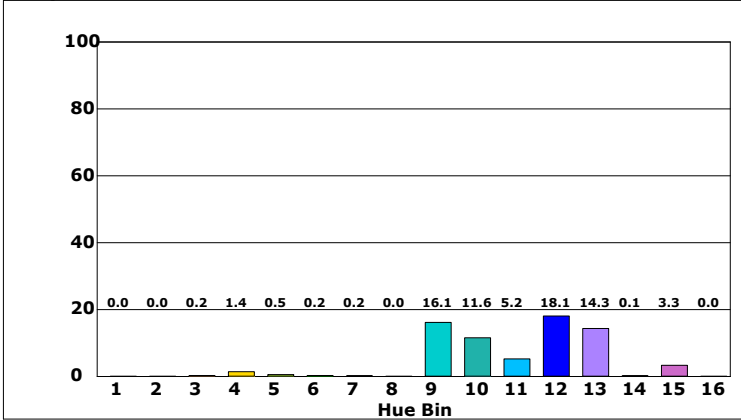
Rf: 0.6 CCT: 7717K u': 0.0609
Rg: 6.6 LER: 498.0 Duv: 0.15744 v': 0.5769



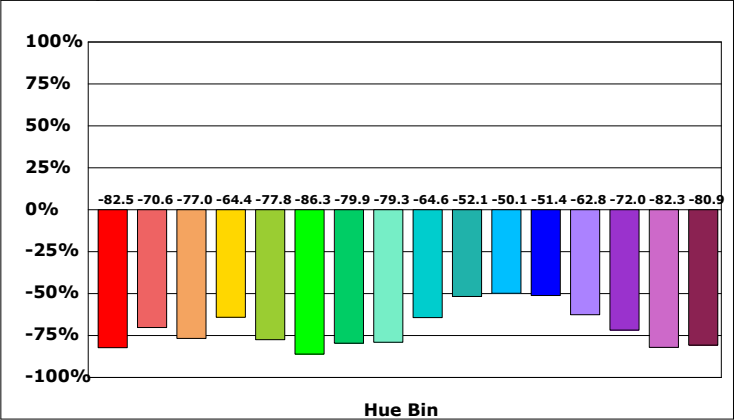
500			
Hue Bin	Rf	Chroma	Hue
1	0.0	-82.5%	2.6%
2	0.0	-70.6%	3.6%
3	0.2	-77.0%	-5.3%
4	1.4	-64.4%	-8.7%
5	0.5	-77.8%	-0.5%
6	0.2	-86.3%	5.2%
7	0.2	-79.9%	16.1%
8	0.0	-79.3%	13.5%
9	16.1	-64.6%	29.4%
10	11.6	-52.1%	18.2%
11	5.2	-50.1%	1.9%
12	18.1	-51.4%	-20.2%
13	14.3	-62.8%	-22.3%
14	0.1	-72.0%	-32.8%
15	3.3	-82.3%	-37.8%
16	0.0	-80.9%	-10.2%



Rf by Bue

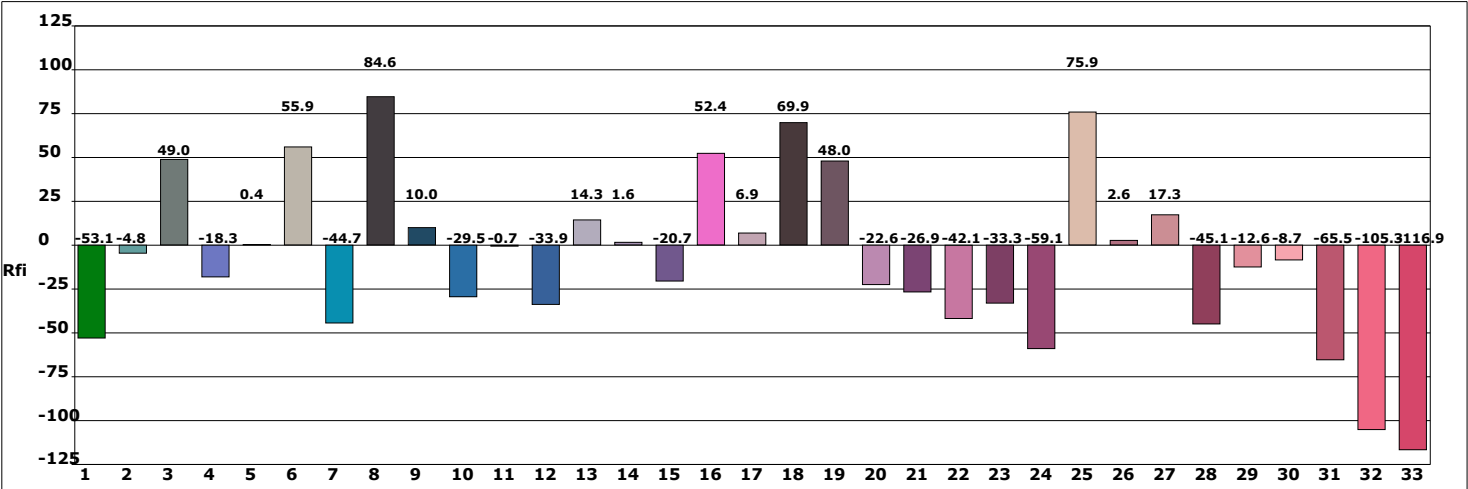
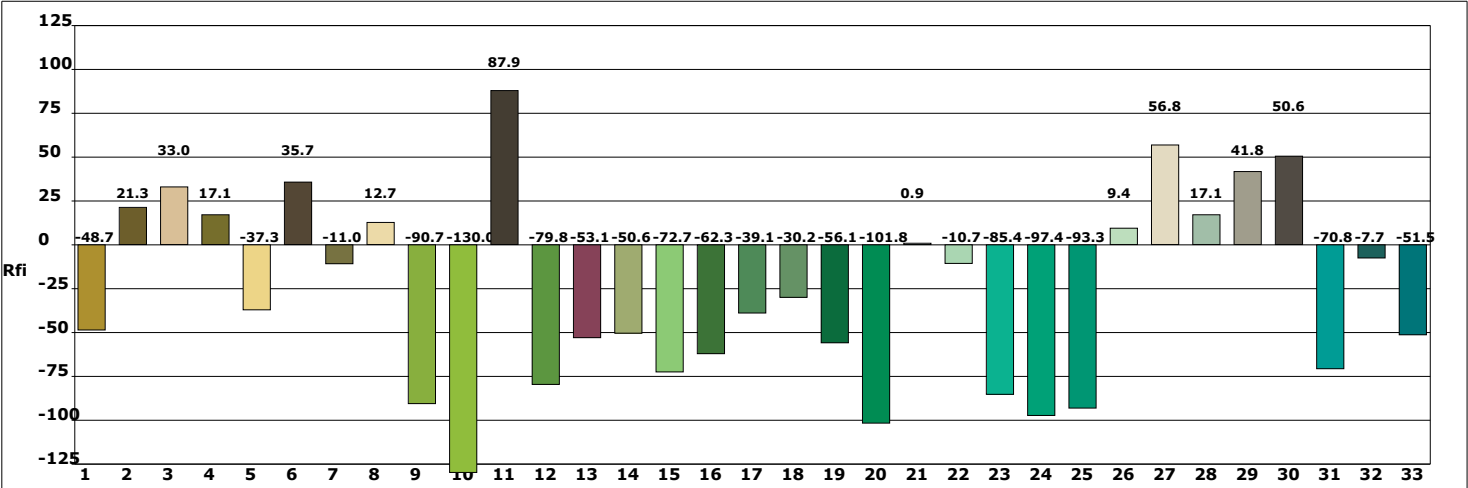
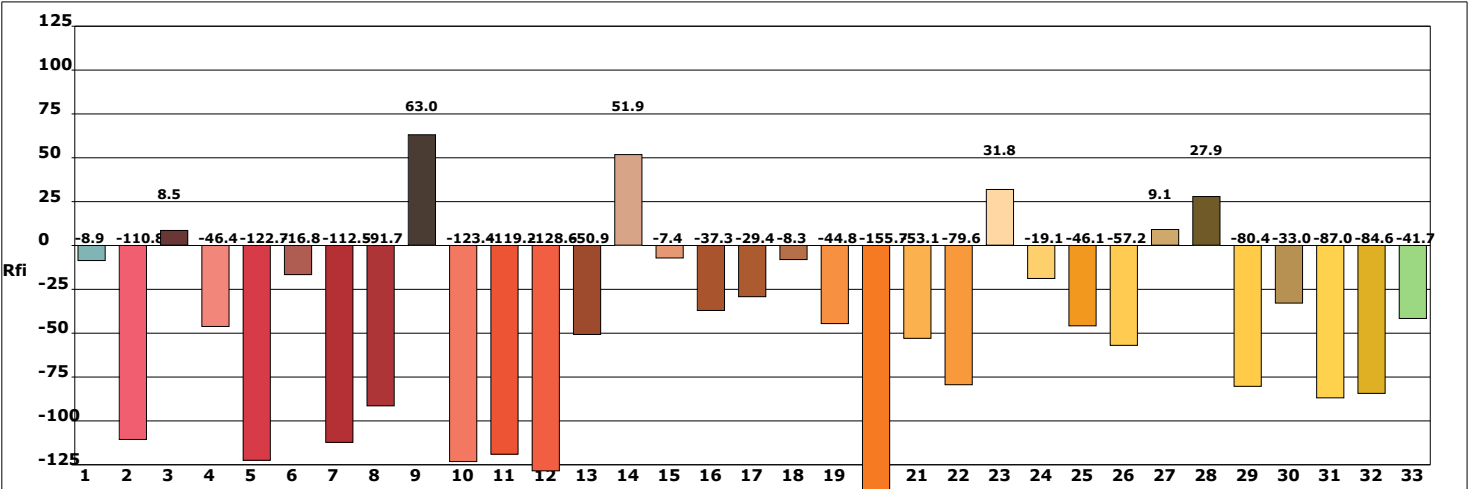


Chroma by Bue



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