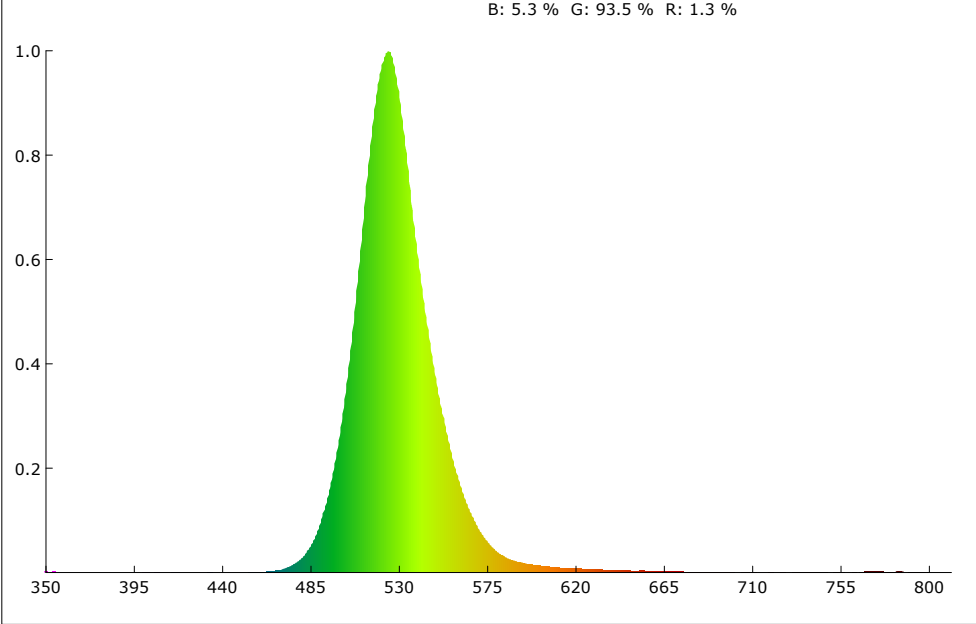
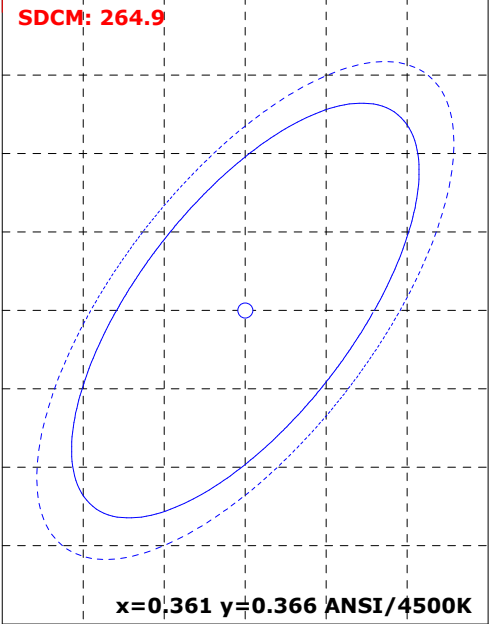


Spectrogram



SDCM



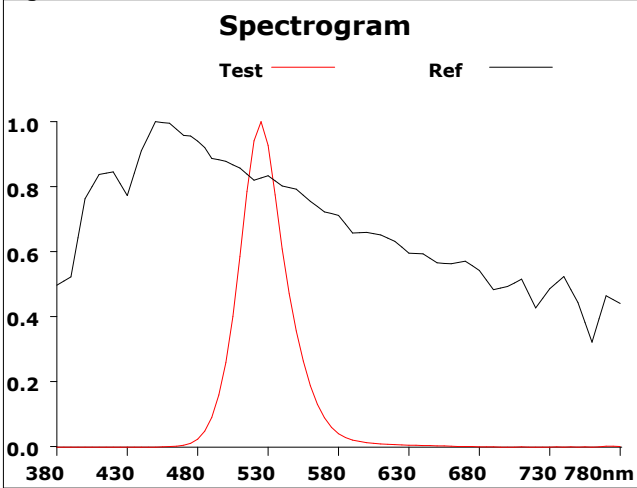
Color Parameter:

x: 0.1928	y: 0.7229	u: 0.0683	v: 0.3842	u': 0.0683	v': 0.5763		
R_ratio: 1.3 %	G_ratio: 93.5 %	B_ratio: 5.3 %	RedRatio: 0.5 %	GreenRatio: 99.1 %	BlueRatio: 0.4 %		
Ra: -22.7		AvgR: -35.6					
R1: -33.0	R2: -6.9	R3: -18.8	R4: -65.8	R5: -9.8	R6: -11.6	R7: -4.5	R8: -31.4
R9: -99.0	R10: -99.0	R11: -96.0	R12: -28.1	R13: -38.1	R14: 40.7	R15: -32.5	
CCT: 7454 K		Flux: 1846.036 lm	PeakWave: 525.5 nm	SDCM: 264.9			
S/P: 2.5		CentralWave: 525.7 nm	DominantWave: 531.3 nm	CentroidWave: 530.0 nm			
HalfWidth: 35.6 nm		duv: 0.15092	purity: 83.5 %	CQS: 0.5			
LER(TM-30): 510.0		Ep: 3619.9 mw	Rg: 9.0	Rf: 1.1			
Red Ep: 45.3 mw		Near red Ep: 8.3 mw	Near infrared Ep: 3.3 mw				

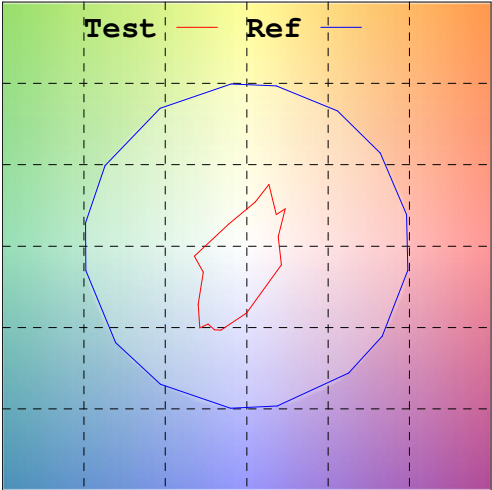
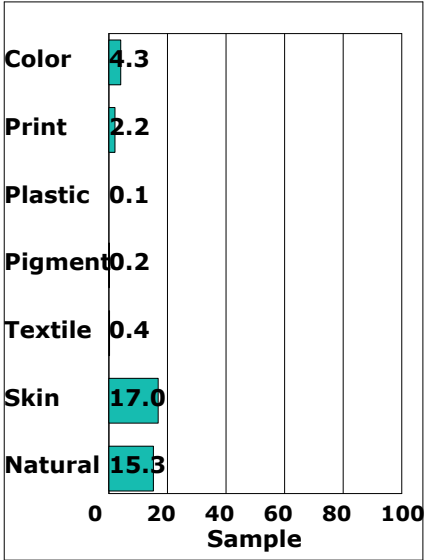
Electrical parameters:

Effic: 18.3 Lm/W	Energy: 19.9	Effi: G	
U: 219.5 V	I: 0.707 A	P: 101.000 W	Pf: 0.650

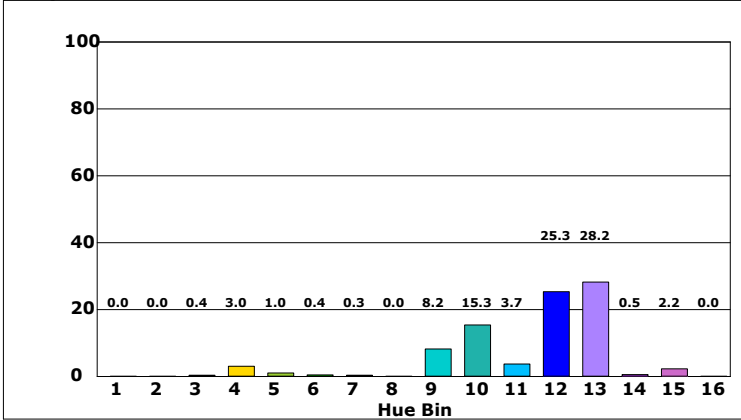
Rf: 1.1 CCT: 7454K u': 0.0683
Rg: 9.0 LER: 510.0 Duv: 0.15092 v': 0.5763



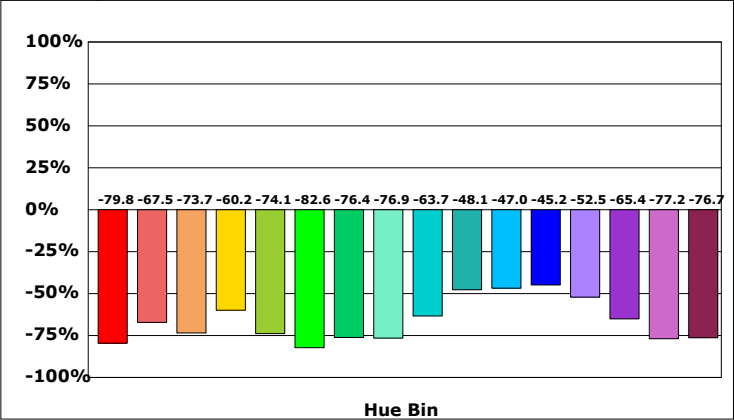
500			
Hue Bin	Rf	Chroma	Hue
1	0.0	-79.8%	2.0%
2	0.0	-67.5%	4.0%
3	0.4	-73.7%	-4.2%
4	3.0	-60.2%	-7.4%
5	1.0	-74.1%	-0.4%
6	0.4	-82.6%	4.6%
7	0.3	-76.4%	15.8%
8	0.0	-76.9%	15.5%
9	8.2	-63.7%	33.6%
10	15.3	-48.1%	21.1%
11	3.7	-47.0%	3.8%
12	25.3	-45.2%	-19.0%
13	28.2	-52.5%	-24.8%
14	0.5	-65.4%	-32.1%
15	2.2	-77.2%	-33.9%
16	0.0	-76.7%	-12.0%



Rf by Bue

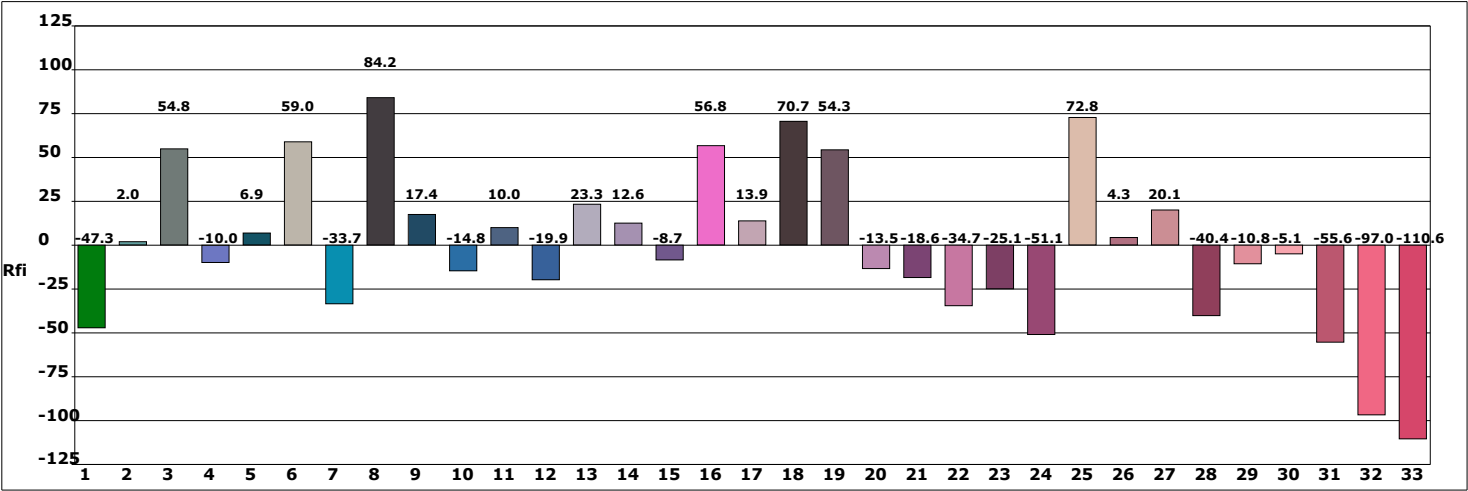
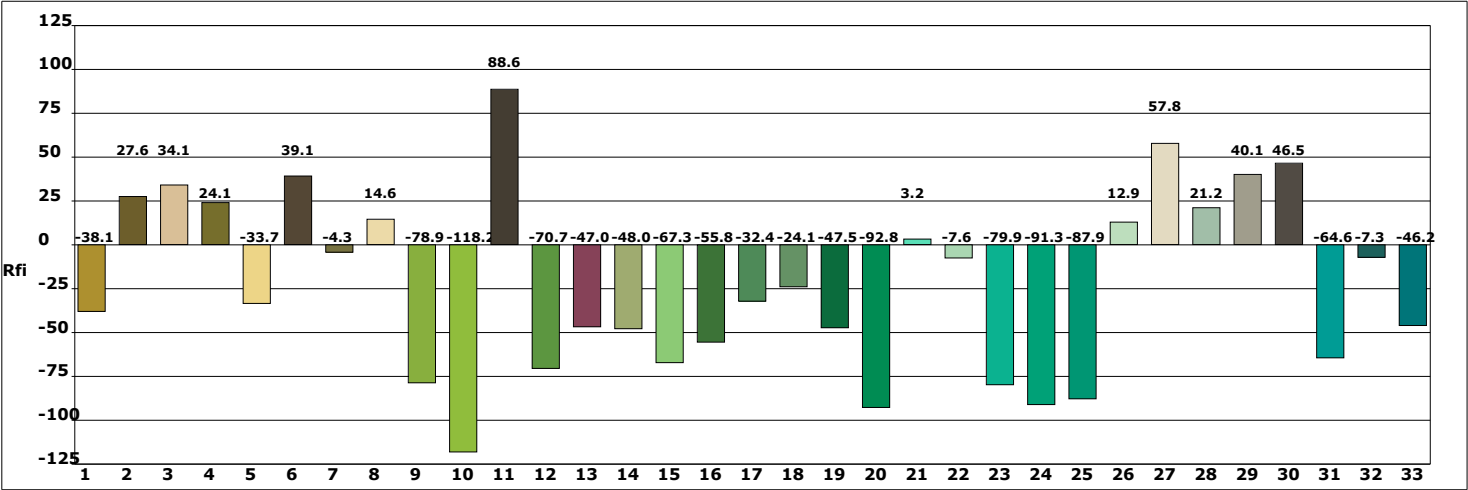
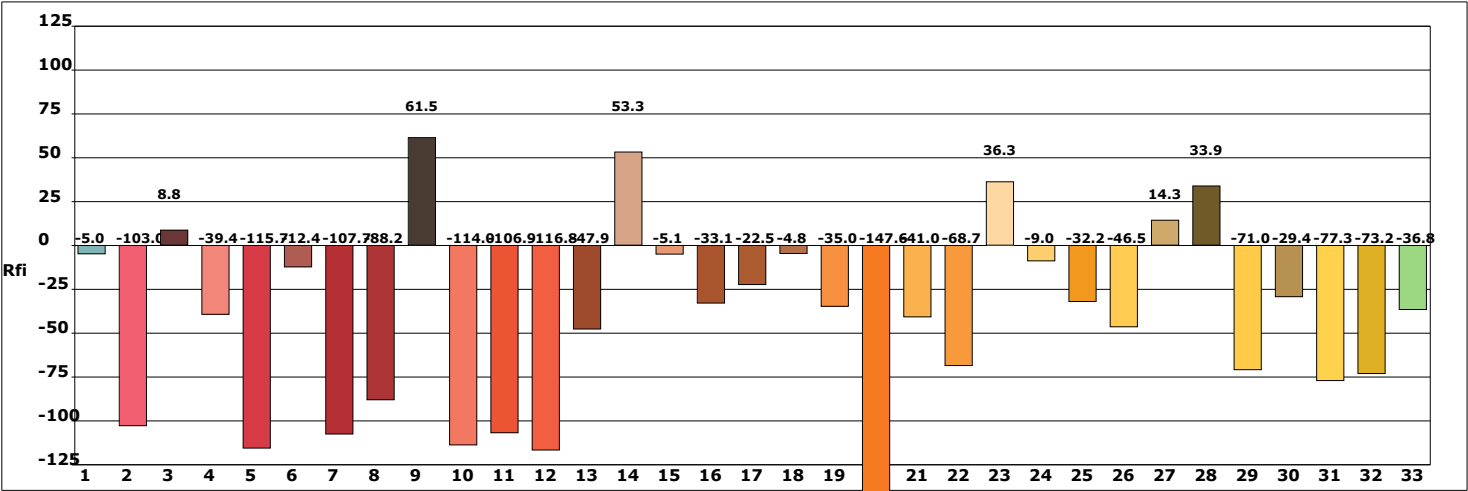


Chroma by Bue



Product model:
Product number:
Tester:
Remarks:

Manufacturer: Guangzhou Hotion Technology Co.,
Test unit:
Date of observation: 05/30/14



Product model:
Product number:
Tester:
Remarks:

Manufacturer: Guangzhou Hotion Technology Co.,
Test unit:
Date of observation: 05/30/14