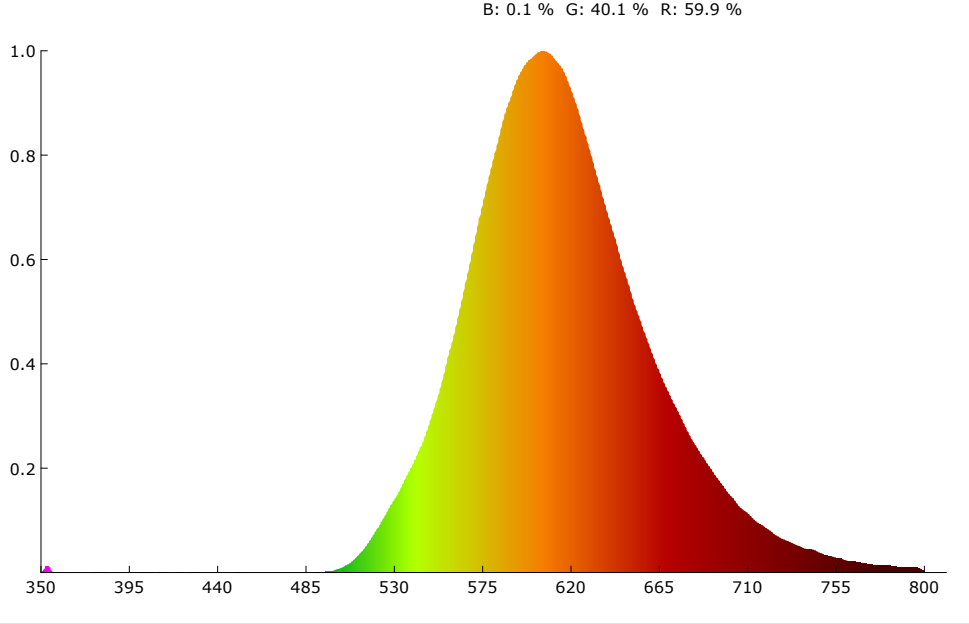
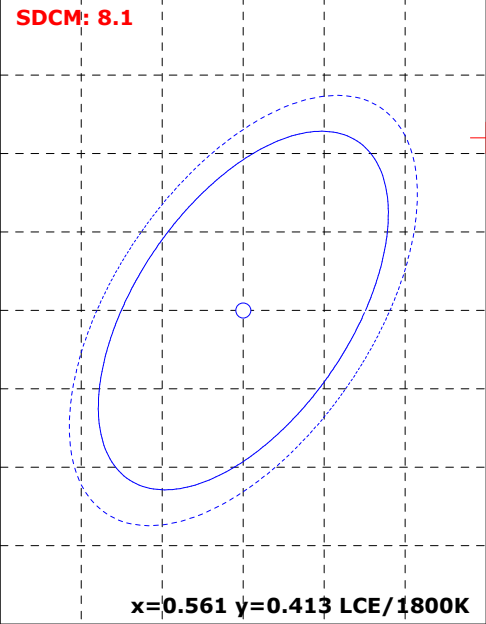


Spectrogram



SDCM



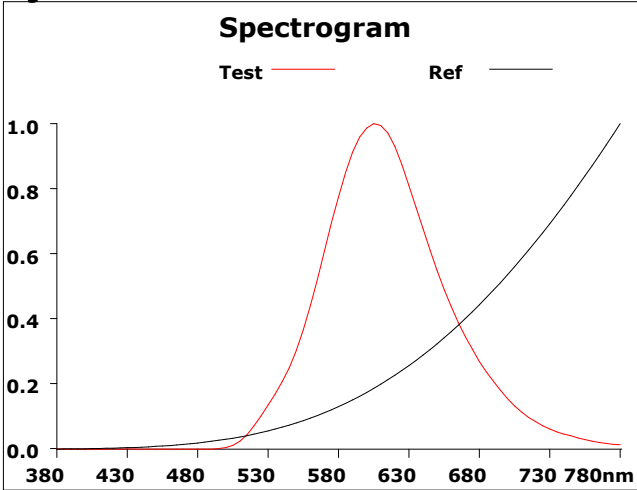
Color Parameter:

x: 0.5660	y: 0.4310	u: 0.3216	v: 0.3673	u': 0.3216	v': 0.5509		
R_ratio: 59.9 %	G_ratio: 40.1 %	B_ratio: 0.1 %	RedRatio: 31.4 %	GreenRatio: 68.6 %	BlueRatio: 0.0 %		
Ra: 52.8	AvgR: 40.5						
R1: 47.0	R2: 71.5	R3: 85.3	R4: 37.2	R5: 41.3	R6: 58.1	R7: 65.8	R8: 16.6
R9: -68.3	R10: 40.7	R11: 17.7	R12: 13.8	R13: 49.0	R14: 92.3	R15: 39.8	
CCT: 1811 K	Flux: 2479.777 lm		PeakWave: 607.7 nm		SDCM: 8.1		
S/P: 0.5	CentralWave: 608.7 nm		DominantWave: 588.7 nm		CentroidWave: 615.7 nm		
HalfWidth: 90.1 nm	duv: 0.00717		purity: 99.3 %		CQS: 4.0		
LER(TM-30): 330.9	Ep: 7492.9 mw		Rg: 12.3		Rf: 15.4		
Red Ep: 4273.1 mw	Near red Ep: 334.8 mw		Near infrared Ep: 16.8 mw				

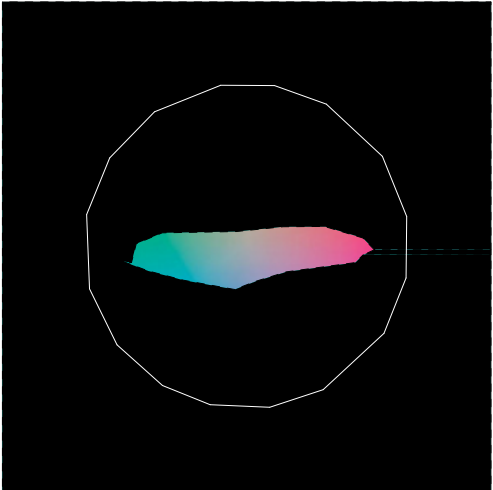
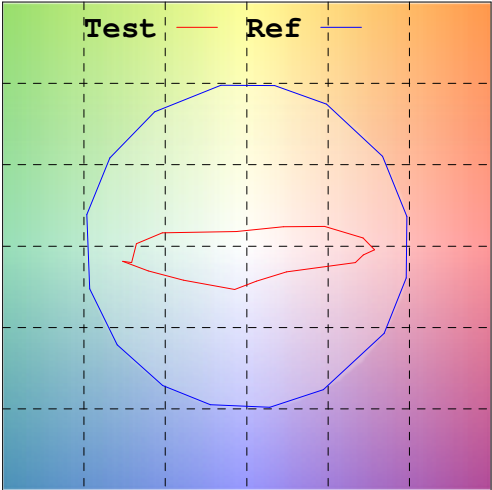
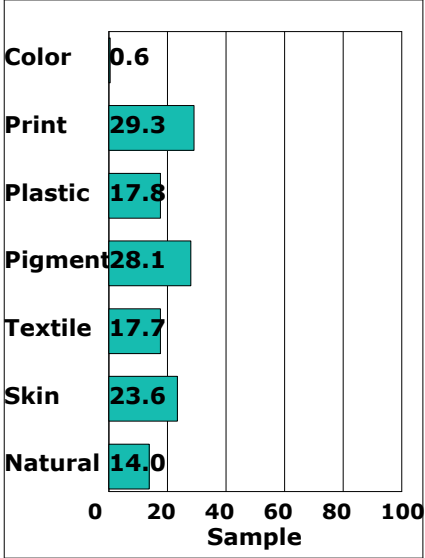
Electrical parameters:

Effic: 42.7 Lm/W	Energy: 46.6	Effi: G	
U: 220.4 V	I: 0.428 A	P: 58.010 W	Pf: 0.614

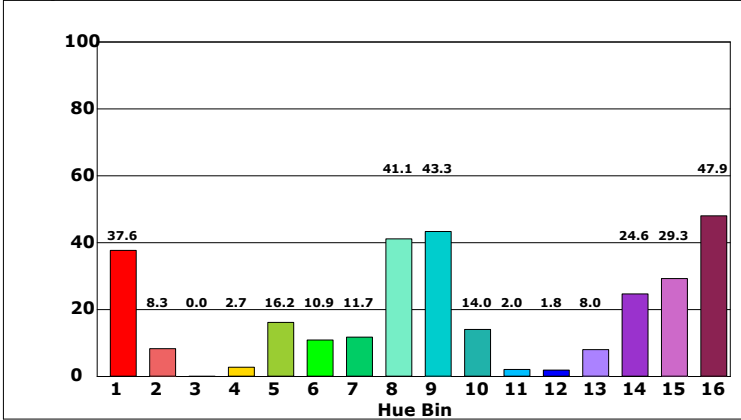
Rf: 15.4 CCT: 1811K u': 0.3216
Rg: 12.3 LER: 330.9 Duv: 0.00717 v': 0.5509



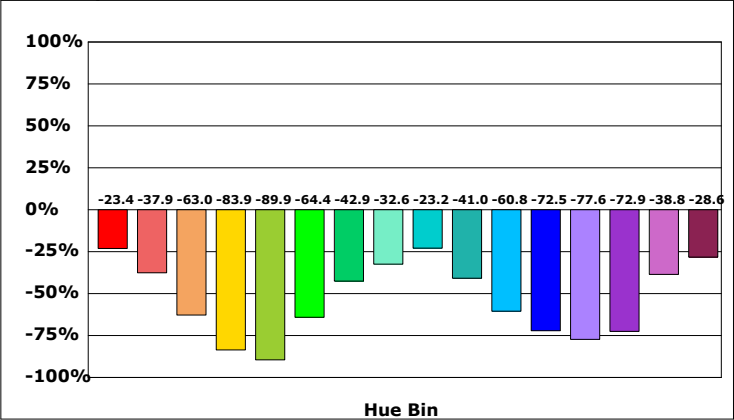
500			
Hue Bin	Rf	Chroma	Hue
1	37.6	-23.4%	-16.0%
2	8.3	-37.9%	-35.0%
3	0.0	-63.0%	-40.6%
4	2.7	-83.9%	-22.0%
5	16.2	-89.9%	8.2%
6	10.9	-64.4%	37.5%
7	11.7	-42.9%	34.7%
8	41.1	-32.6%	23.5%
9	43.3	-23.2%	-12.6%
10	14.0	-41.0%	-27.0%
11	2.0	-60.8%	-25.2%
12	1.8	-72.5%	0.7%
13	8.0	-77.6%	7.2%
14	24.6	-72.9%	21.5%
15	29.3	-38.8%	26.3%
16	47.9	-28.6%	8.6%



Rf by Bue

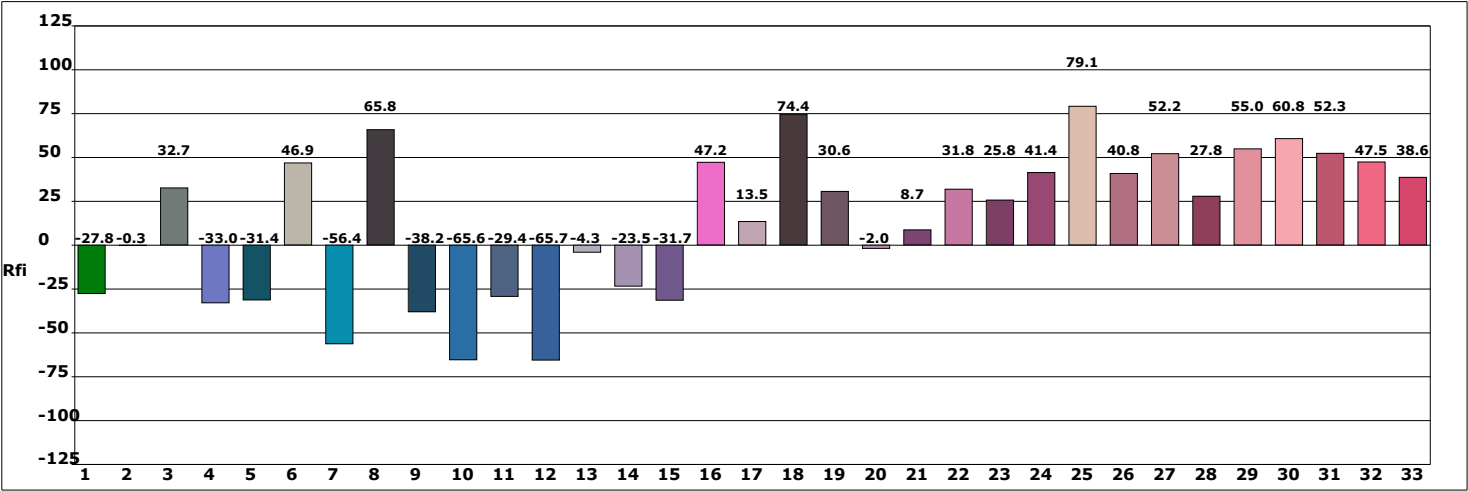
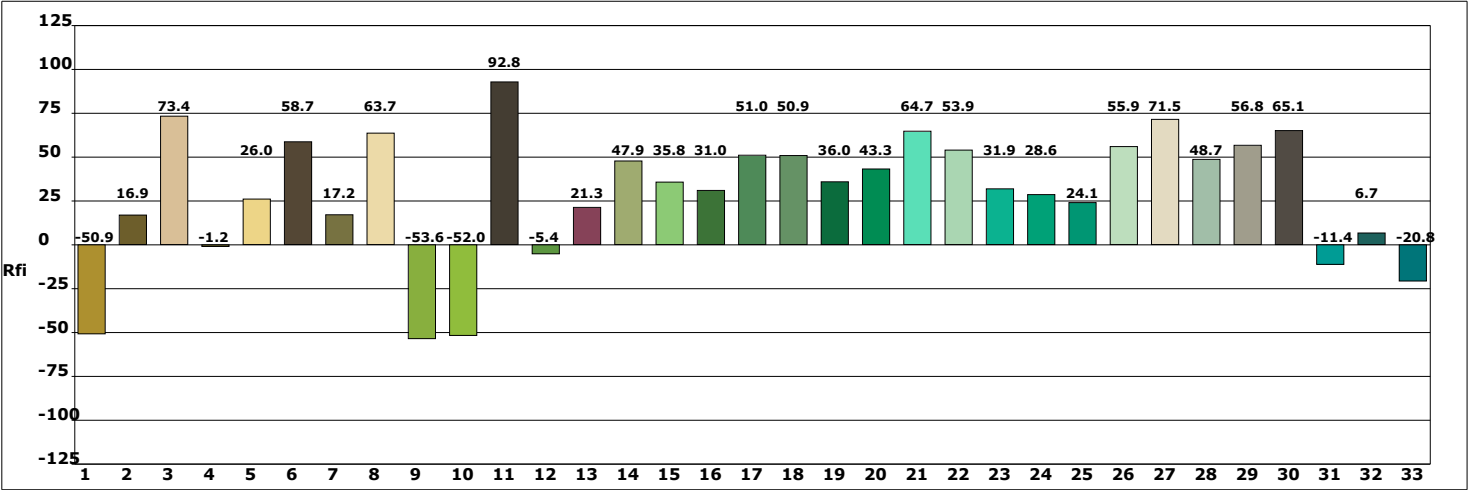
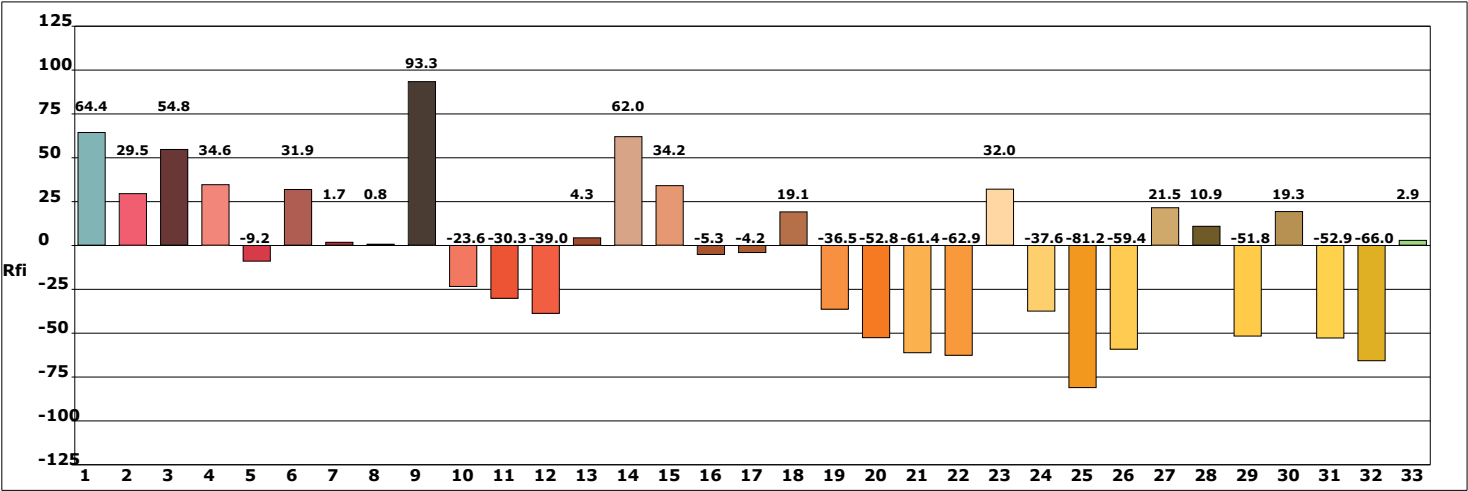


Chroma by Bue



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