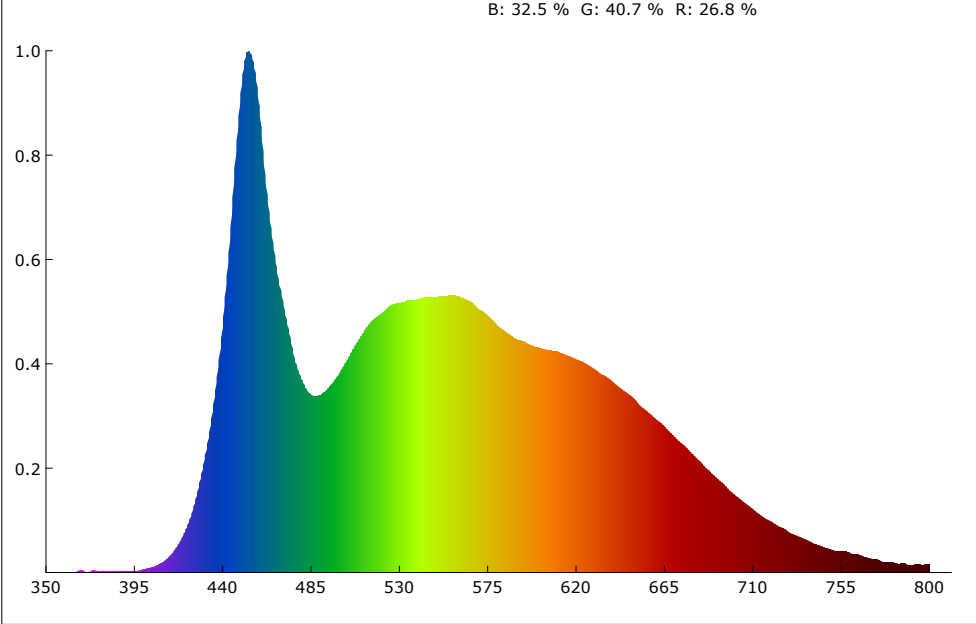
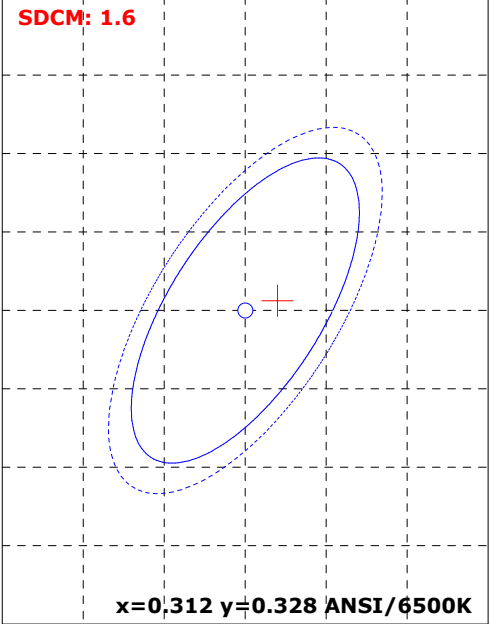


Spectrogram



SDCM



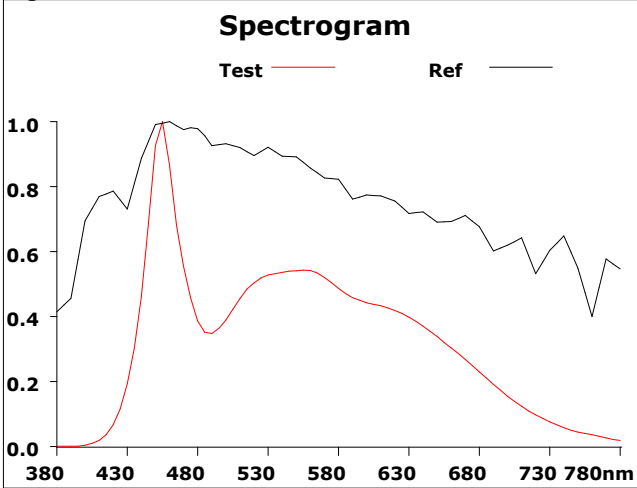
Color Parameter:

x: 0.3143	y: 0.3288	u: 0.1990	v: 0.3123	u': 0.1990	v': 0.4685		
R_ratio: 26.8 %	G_ratio: 40.7 %	B_ratio: 32.5 %	RedRatio: 14.2 %	GreenRatio: 81.2 %	BlueRatio: 4.6 %		
Ra: 91.1		AvgR: 87.5					
R1: 91.1	R2: 93.9	R3: 93.1	R4: 90.0	R5: 89.5	R6: 88.1	R7: 94.9	R8: 88.4
R9: 66.9	R10: 83.1	R11: 88.6	R12: 66.0	R13: 92.2	R14: 96.2	R15: 90.8	
CCT: 6422 K		Flux: 24312.098 lm		PeakWave: 454.5 nm		SDCM: 1.6	
S/P: 2.3		CentralWave: 456.6 nm		DominantWave: 488.6 nm		CentroidWave: 553.8 nm	
HalfWidth: 30.8 nm		duv: 0.00229		purity: 6.7 %		CQS: 87.6	
LER(TM-30): 280.1		Ep: 86790.4 mw		Rg: 97.2		Rf: 87.3	
Red Ep: 22175.4 mw		Near red Ep: 3749.6 mw		Near infrared Ep: 246.1 mw			

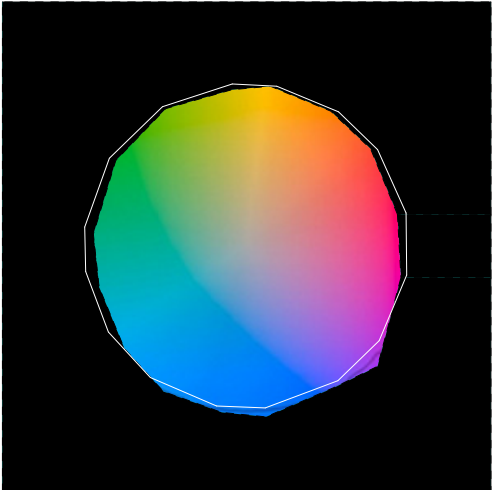
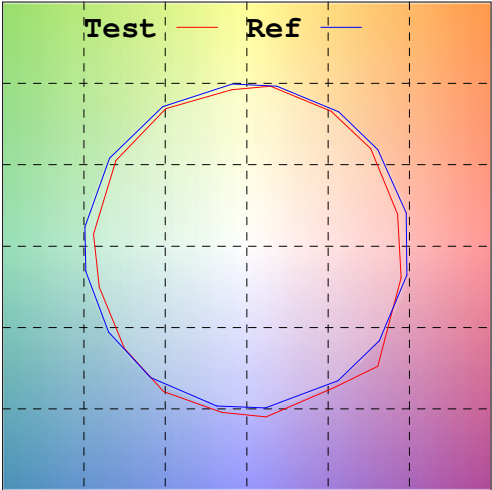
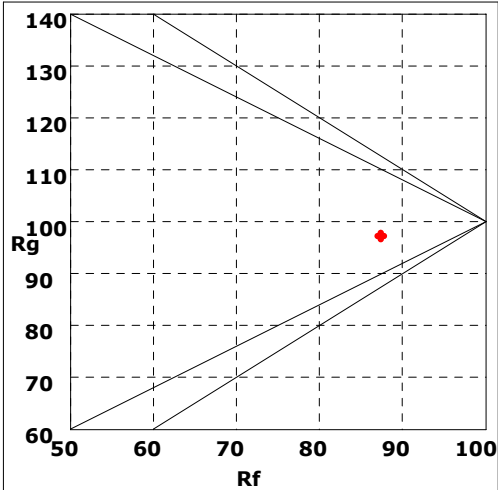
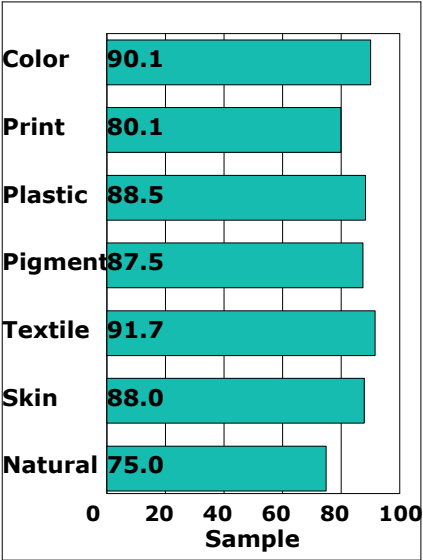
Electrical parameters:

Effic: 0.0 Lm/W	Energy: 0.0	Effi: G	
U: 221.1 V	I: 0.000 A	P: 0.000 W	Pf: 0.000

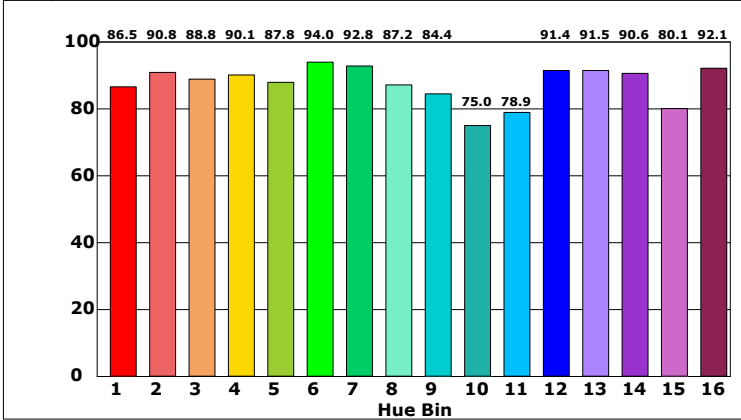
Rf: 87.3 CCT: 6422K u': 0.1990
Rg: 97.2 LER: 280.1 Duv: 0.00229 v': 0.4685



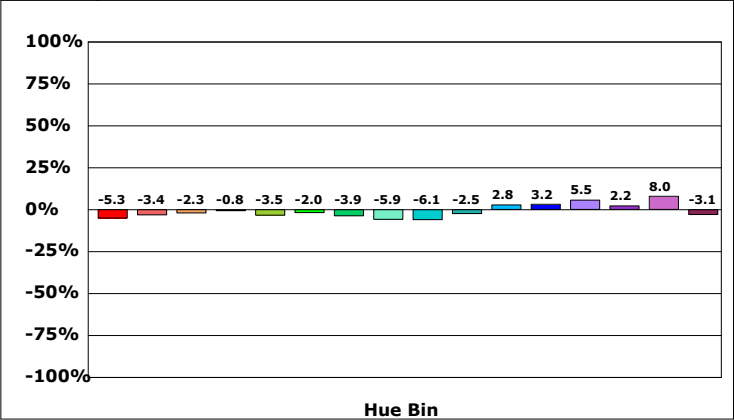
500			
Hue Bin	Rf	Chroma	Hue
1	86.5	-5.3%	0.3%
2	90.8	-3.4%	2.8%
3	88.8	-2.3%	4.2%
4	90.1	-0.8%	3.8%
5	87.8	-3.5%	1.0%
6	94.0	-2.0%	-0.9%
7	92.8	-3.9%	-1.1%
8	87.2	-5.9%	3.2%
9	84.4	-6.1%	11.0%
10	75.0	-2.5%	13.9%
11	78.9	2.8%	11.7%
12	91.4	3.2%	3.9%
13	91.5	5.5%	-0.7%
14	90.6	2.2%	-4.1%
15	80.1	8.0%	-13.6%
16	92.1	-3.1%	-2.3%



Rf by Bue

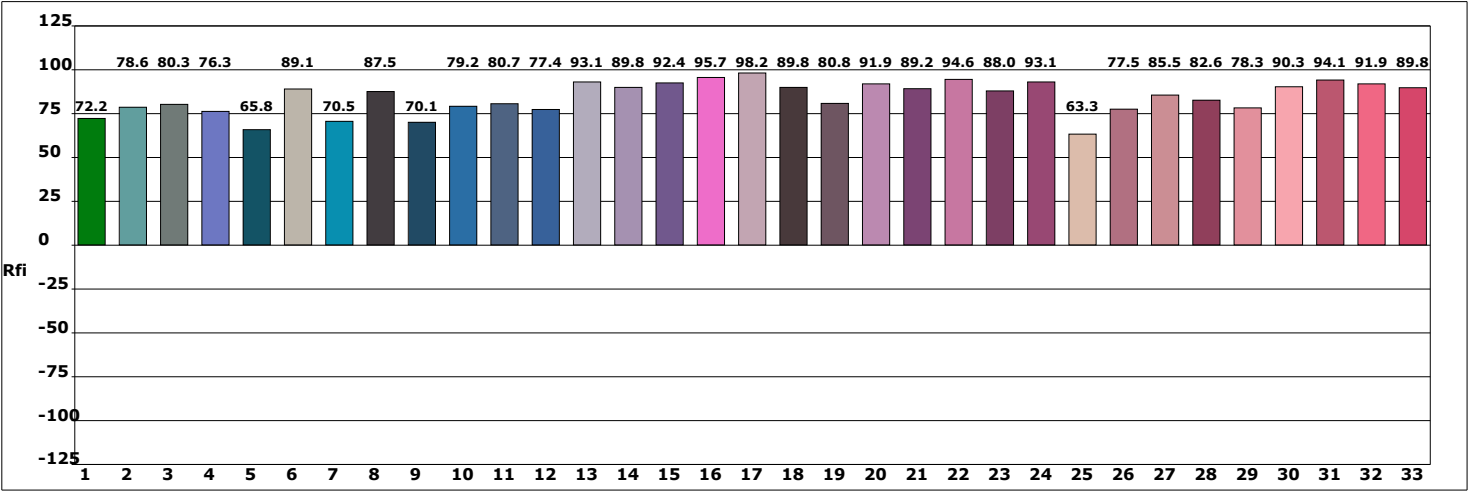
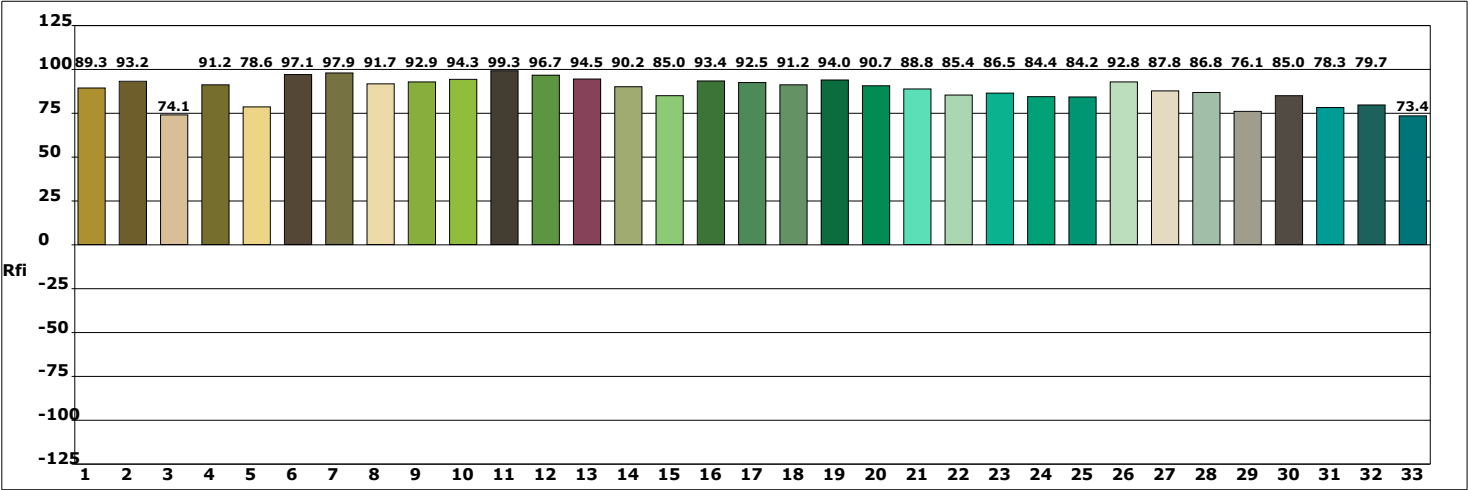
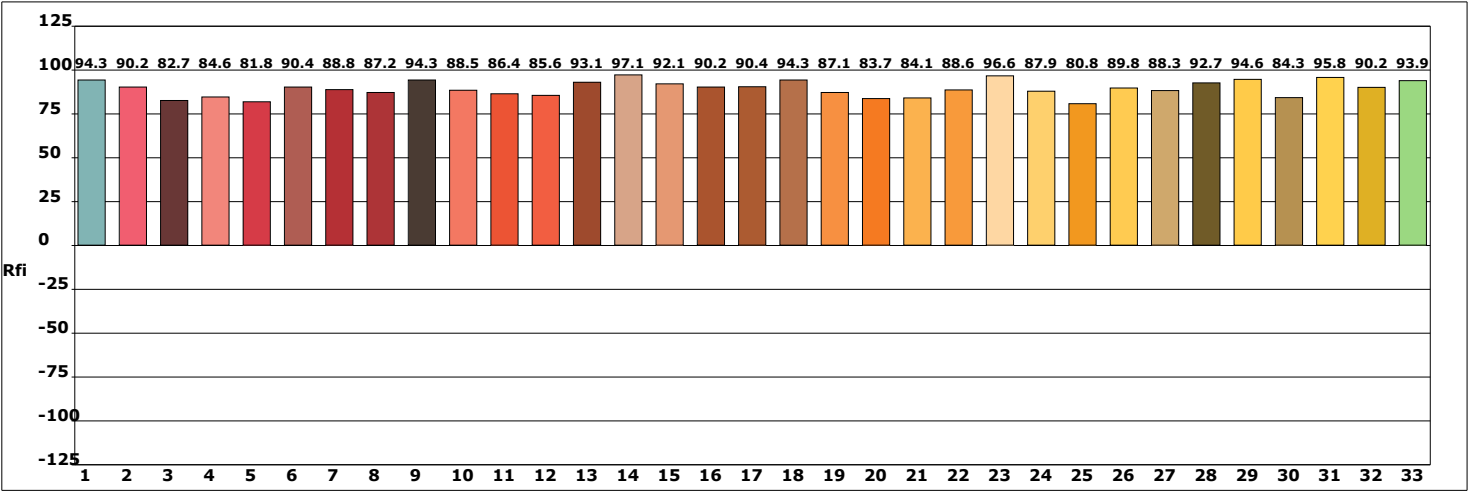


Chroma by Bue



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