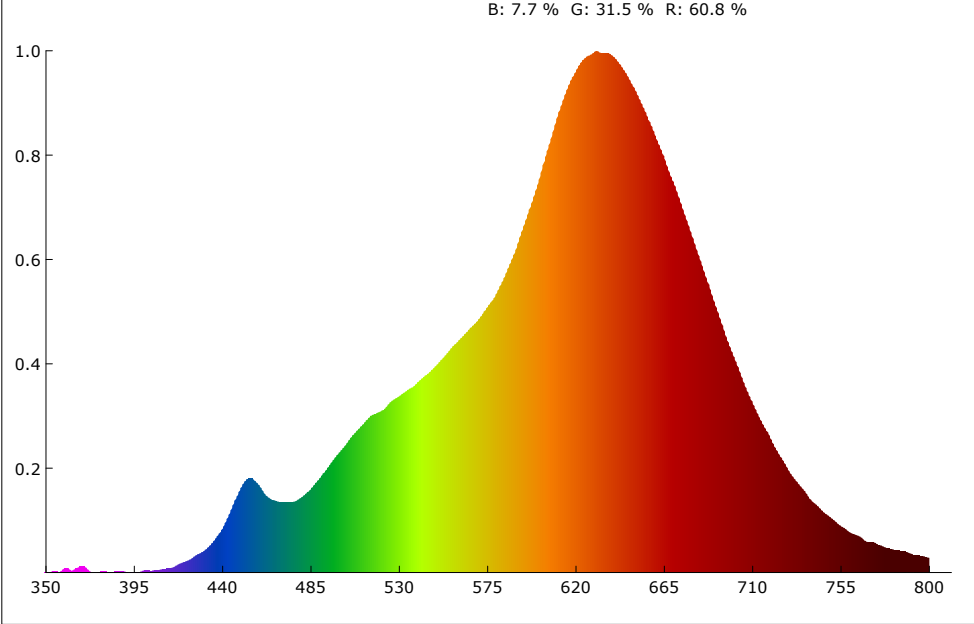
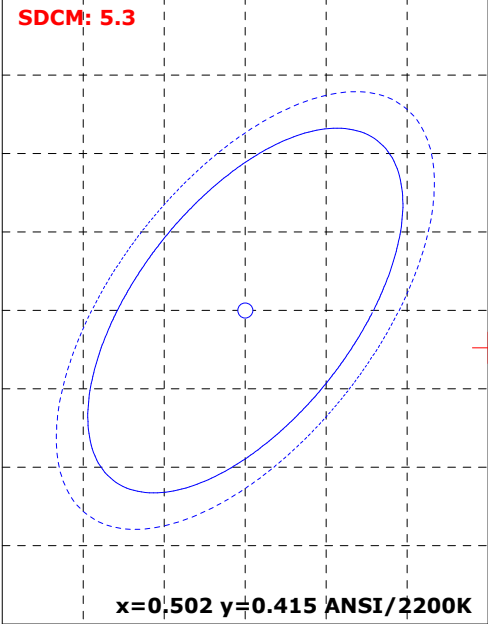


Spectrogram



SDCM



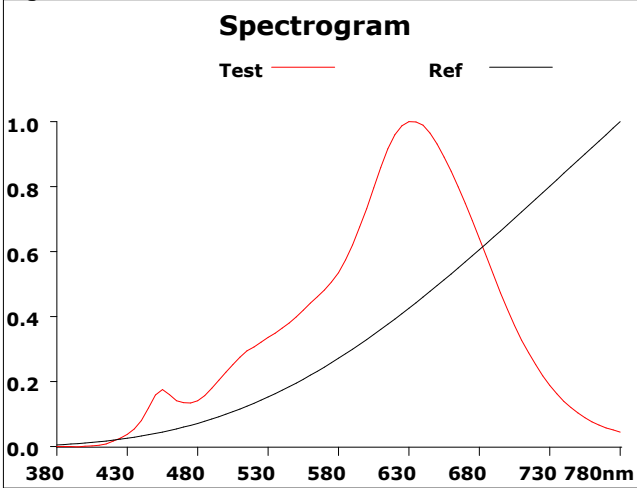
Color Parameter:

x: 0.4916	y: 0.4077	u: 0.2846	v: 0.3540	u': 0.2846	v': 0.5310		
R_ratio: 60.8 %	G_ratio: 31.5 %	B_ratio: 7.7 %	RedRatio: 31.0 %	GreenRatio: 67.7 %	BlueRatio: 1.3 %		
Ra: 94.8	AvgR: 93.7						
R1: 97.1	R2: 96.6	R3: 98.0	R4: 95.9	R5: 95.3	R6: 90.3	R7: 93.6	R8: 91.8
R9: 84.9	R10: 93.6	R11: 90.3	R12: 85.2	R13: 96.2	R14: 98.9	R15: 97.9	
CCT: 2290 K	Flux: 10262.229 lm		PeakWave: 630.5 nm		SDCM: 5.3		
S/P: 1.1	CentralWave: 632.9 nm		DominantWave: 587.4 nm		CentroidWave: 616.1 nm		
HalfWidth: 117.9 nm	duv: -0.00248		purity: 69.9 %		CQS: 84.0		
LER(TM-30): 242.8	Ep: 42267.6 mw		Rg: 102.6		Rf: 94.2		
Red Ep: 23196.4 mw	Near red Ep: 3880.0 mw		Near infrared Ep: 226.6 mw				

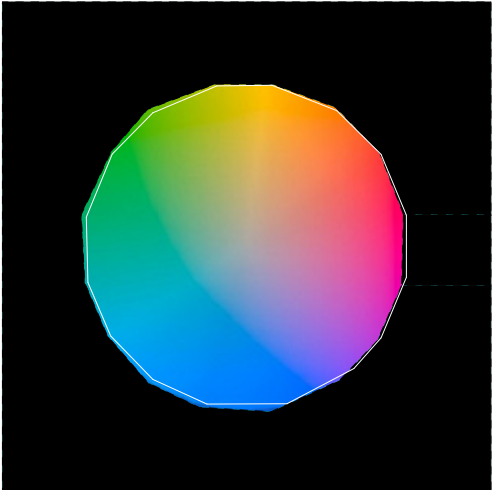
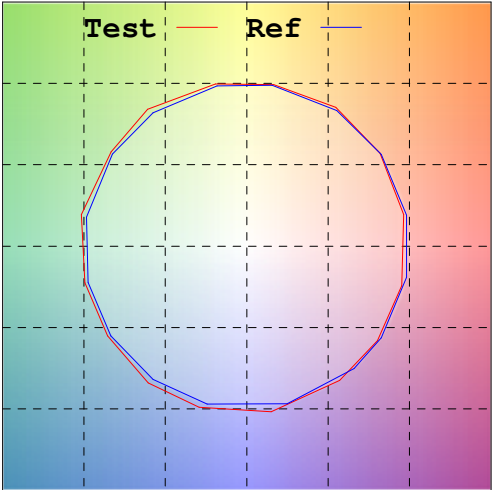
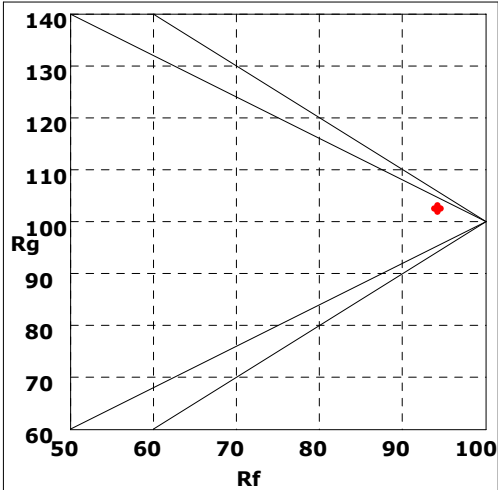
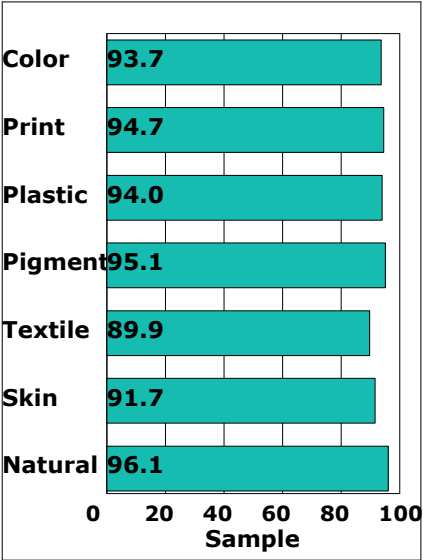
Electrical parameters:

Effic: 27.7 Lm/W	Energy: 30.2	Effi: G	
U: 221.4 V	I: 1.692 A	P: 370.200 W	Pf: 0.988

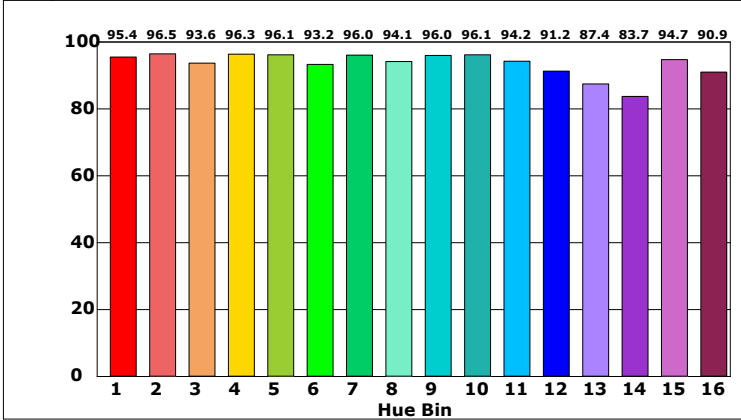
Rf: 94.2 CCT: 2290K u': 0.2846
Rg: 102.6 LER: 242.8 Duv: -0.00248 v': 0.5310



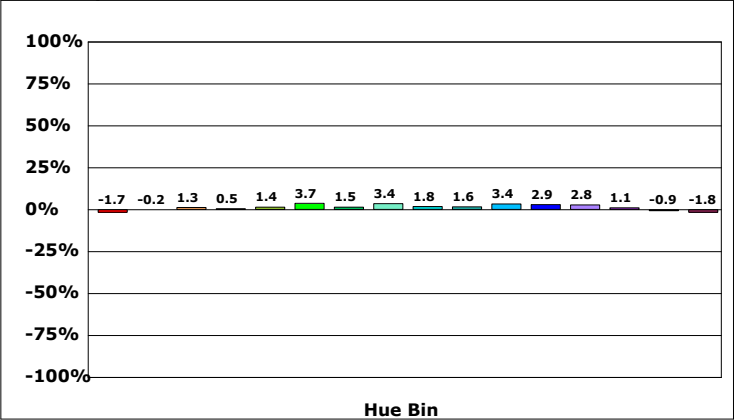
500			
Hue Bin	Rf	Chroma	Hue
1	95.4	-1.7%	0.6%
2	96.5	-0.2%	1.0%
3	93.6	1.3%	1.5%
4	96.3	0.5%	-0.9%
5	96.1	1.4%	0.9%
6	93.2	3.7%	1.7%
7	96.0	1.5%	-0.7%
8	94.1	3.4%	-1.0%
9	96.0	1.8%	-0.2%
10	96.1	1.6%	-0.9%
11	94.2	3.4%	-1.2%
12	91.2	2.9%	-4.4%
13	87.4	2.8%	-10.7%
14	83.7	1.1%	-11.5%
15	94.7	-0.9%	-2.8%
16	90.9	-1.8%	-5.5%



Rf by Bue

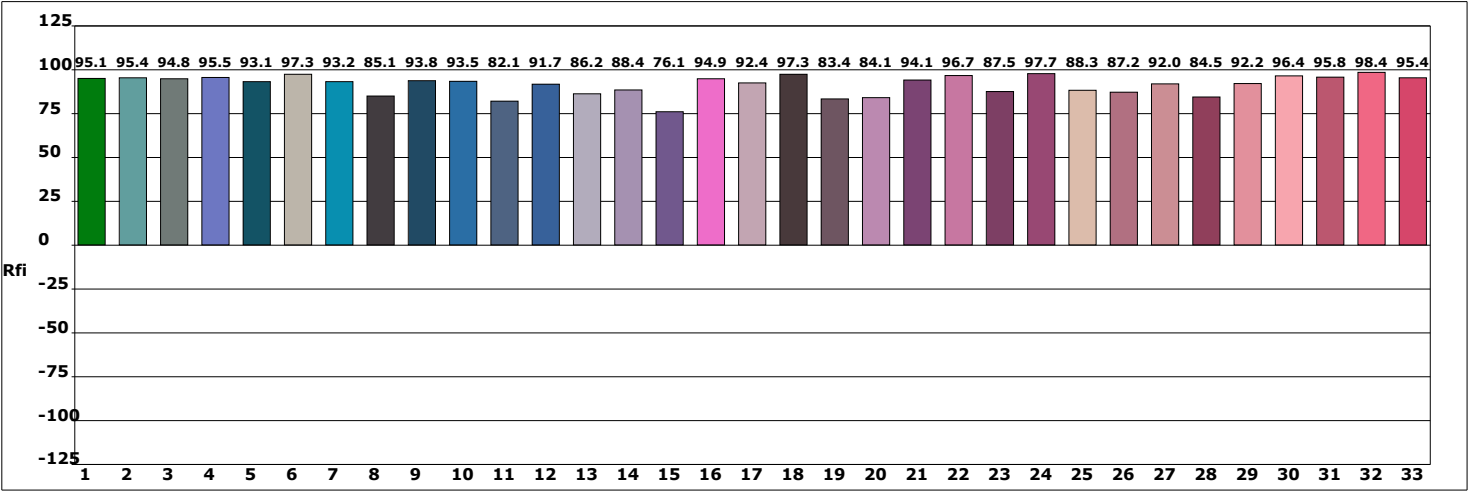
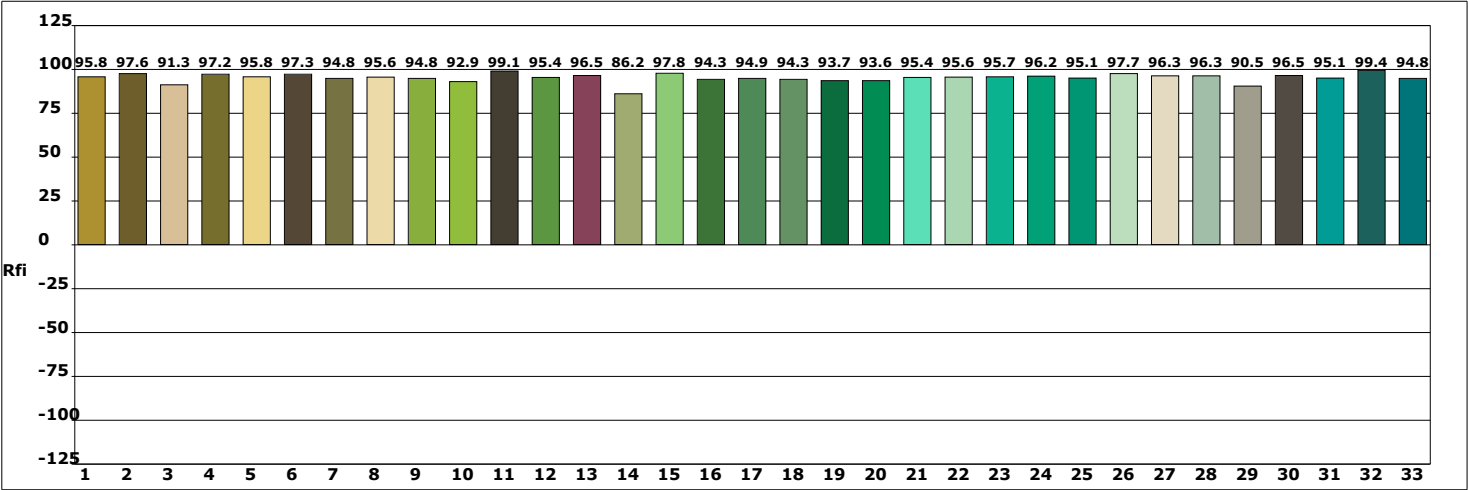
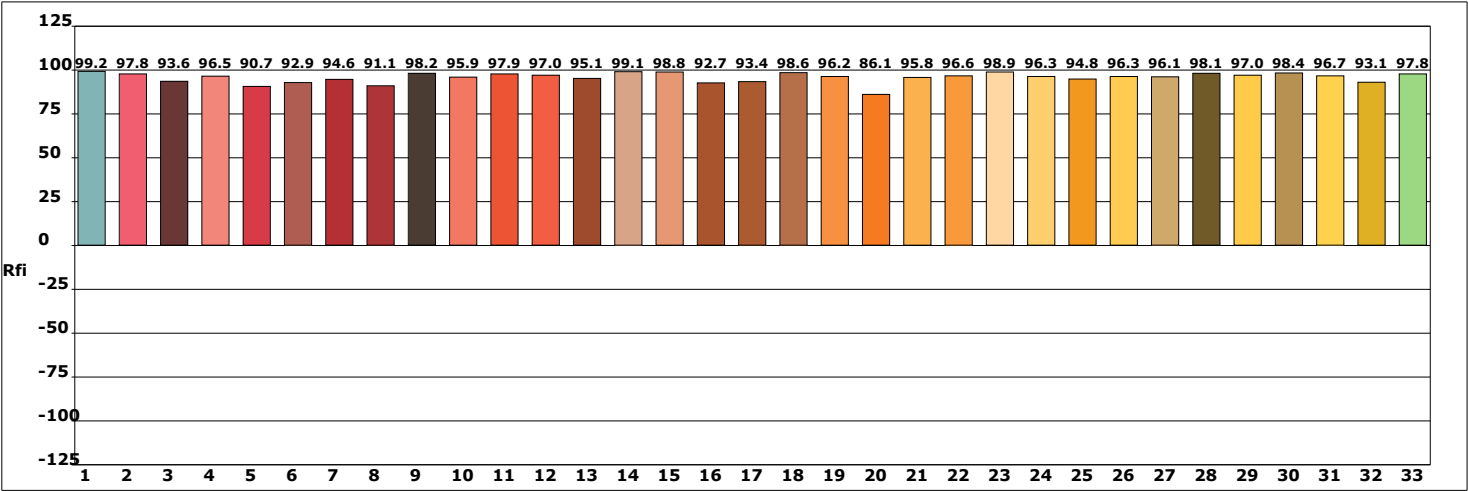


Chroma by Bue



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