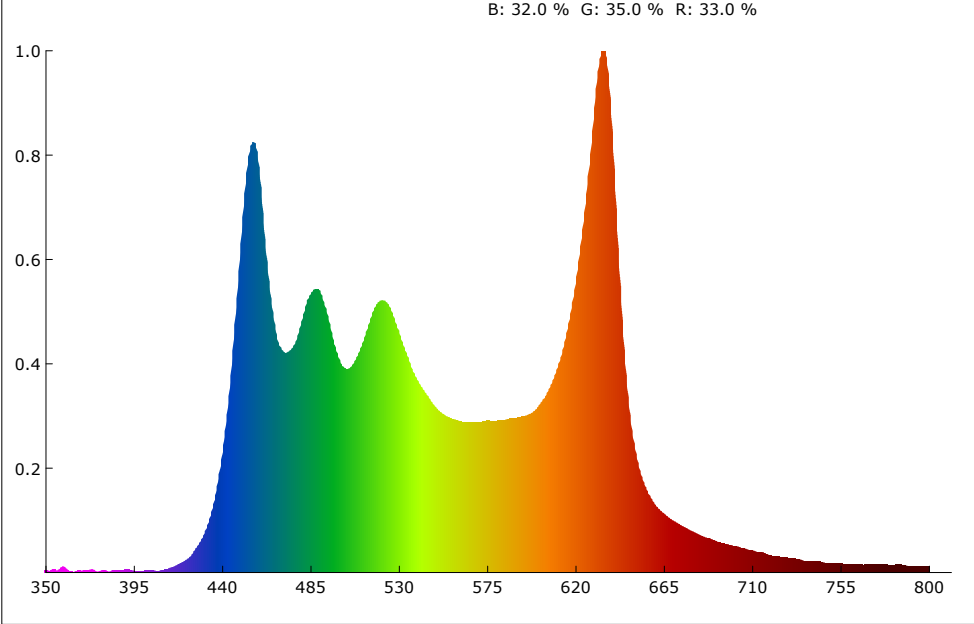
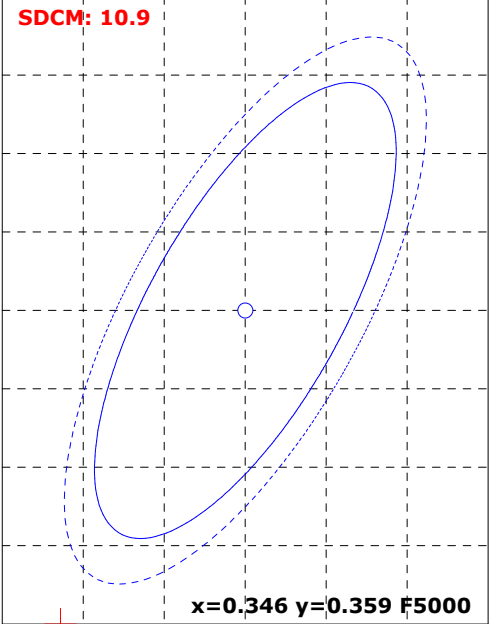


Spectrogram



SDCM



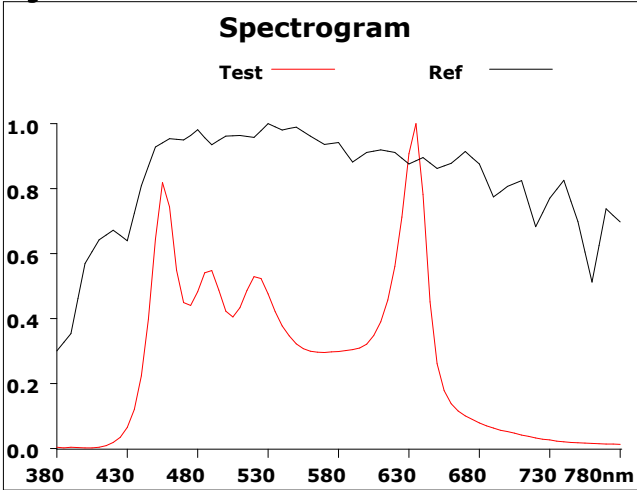
Color Parameter:

x: 0.3336	y: 0.3275	u: 0.2131	v: 0.3138	u': 0.2131	v': 0.4707		
R_ratio: 33.0 %	G_ratio: 35.0 %	B_ratio: 32.0 %	RedRatio: 21.8 %	GreenRatio: 72.5 %	BlueRatio: 5.8 %		
Ra: 70.3	AvgR: 60.8						
R1: 60.7	R2: 75.3	R3: 91.3	R4: 66.7	R5: 64.8	R6: 68.3	R7: 84.3	R8: 51.3
R9: -29.3	R10: 46.7	R11: 57.8	R12: 62.8	R13: 62.8	R14: 93.7	R15: 55.2	
CCT: 5433 K	Flux: 2585.822 lm		PeakWave: 634.5 nm		SDCM: 10.9		
S/P: 2.6	CentralWave: 630.9 nm		DominantWave: 0.0 nm		CentroidWave: 553.1 nm		
HalfWidth: 25.3 nm	duv: -0.00768		purity: 0.0 %		CQS: 86.6		
LER(TM-30): 265.6	Ep: 9734.6 mw		Rg: 106.1		Rf: 77.1		
Red Ep: 3136.4 mw	Near red Ep: 194.3 mw		Near infrared Ep: 26.6 mw				

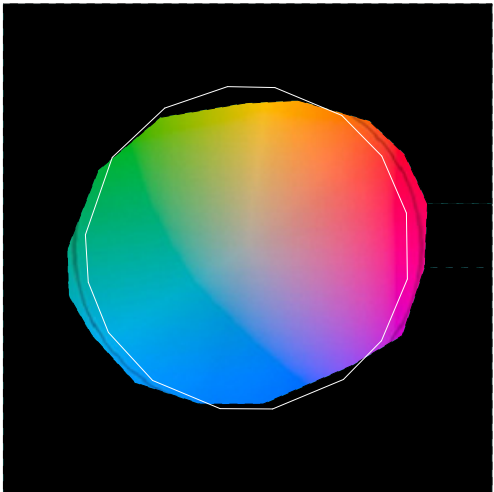
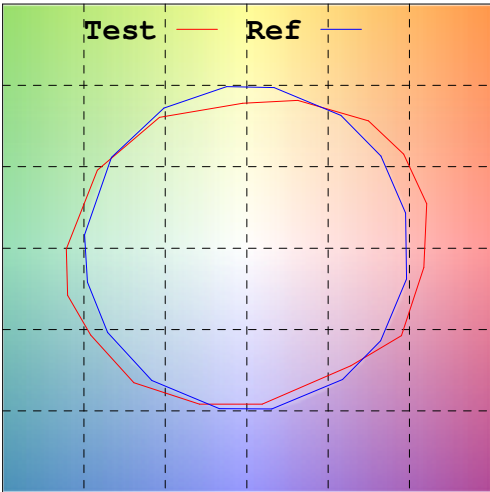
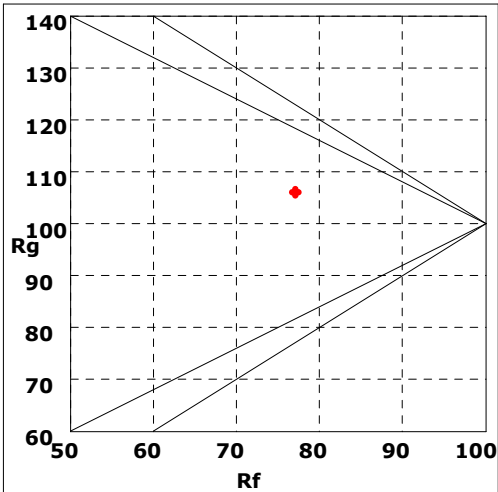
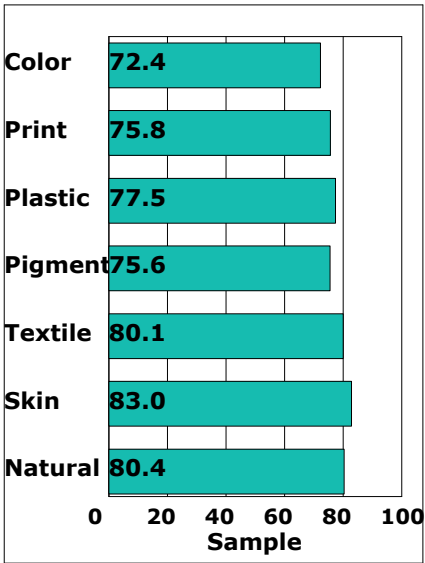
Electrical parameters:

Effic: 8.9 Lm/W	Energy: 9.7	Effi: G	
U: 218.2 V	I: 1.850 A	P: 291.300 W	Pf: 0.721

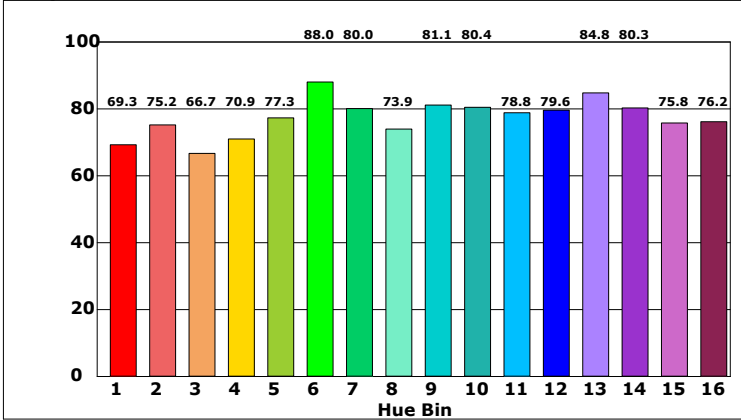
Rf: 77.1 CCT: 5433K u': 0.2131
Rg: 106.1 LER: 265.6 Duv: -0.00768 v': 0.4707



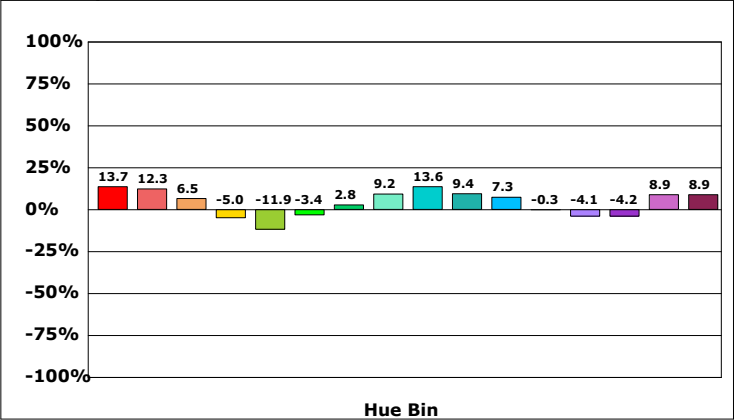
500			
Hue Bin	Rf	Chroma	Hue
1	69.3	13.7%	3.2%
2	75.2	12.3%	-6.8%
3	66.7	6.5%	-16.0%
4	70.9	-5.0%	-15.8%
5	77.3	-11.9%	-7.6%
6	88.0	-3.4%	5.5%
7	80.0	2.8%	11.3%
8	73.9	9.2%	10.6%
9	81.1	13.6%	5.5%
10	80.4	9.4%	-4.5%
11	78.8	7.3%	-8.4%
12	79.6	-0.3%	-12.5%
13	84.8	-4.1%	-5.2%
14	80.3	-4.2%	8.9%
15	75.8	8.9%	9.6%
16	76.2	8.9%	9.1%



Rf by Bue

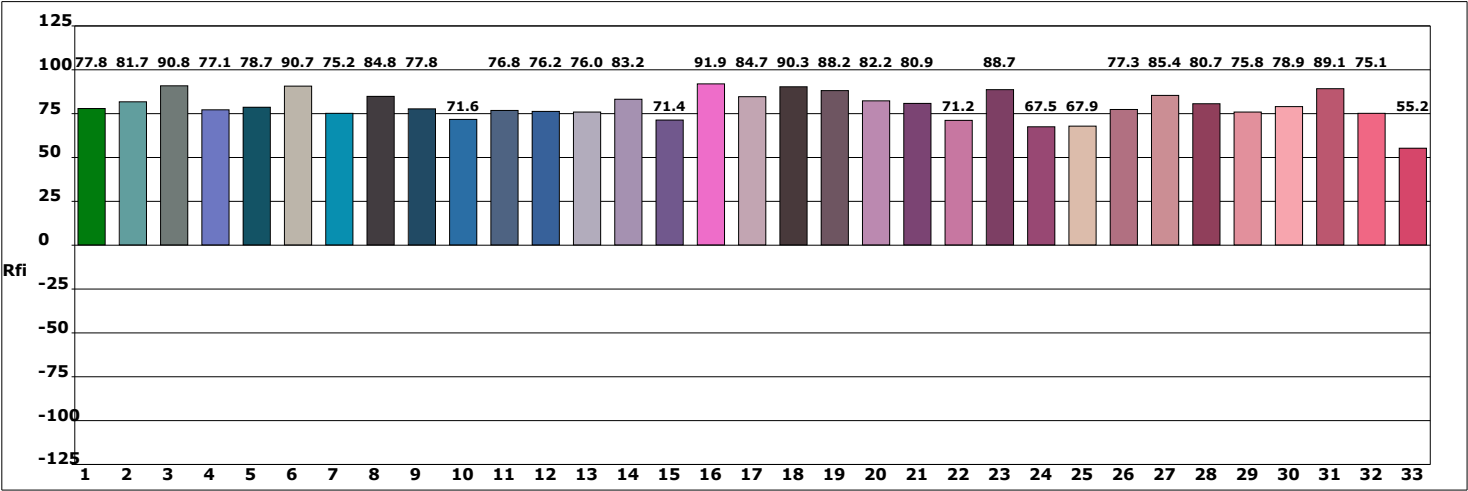
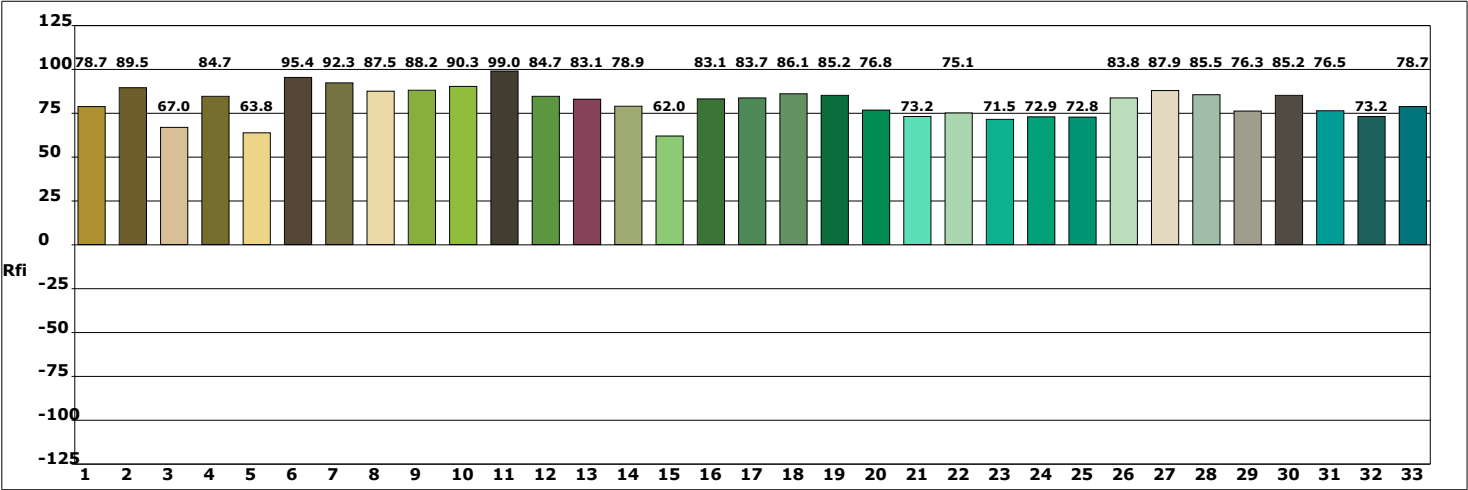
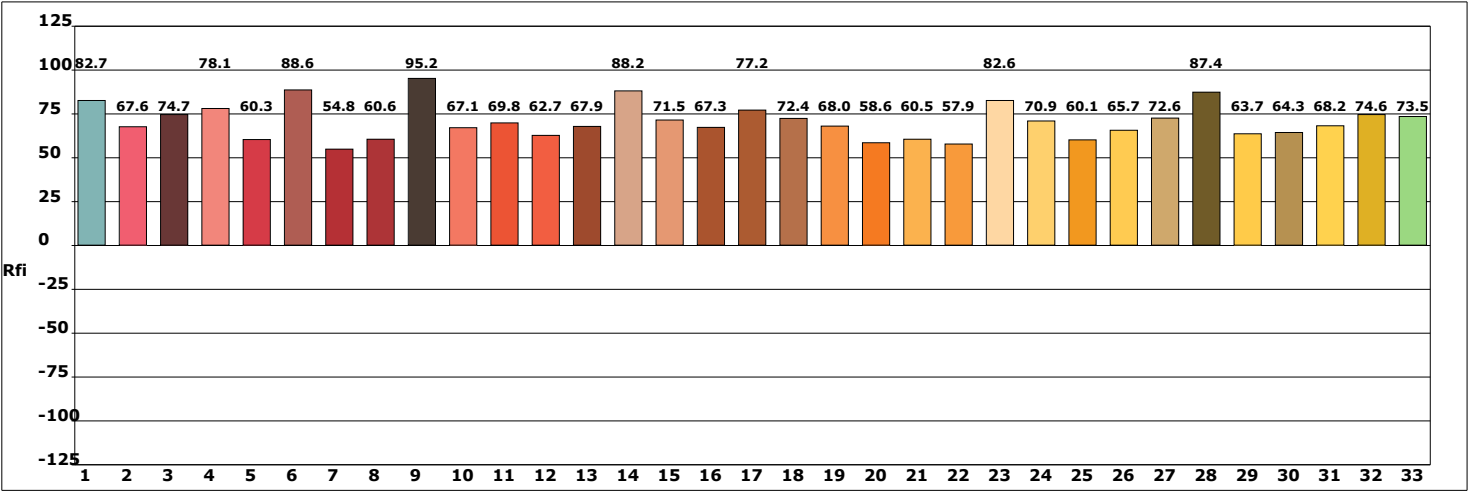


Chroma by Bue



Product model:
Product number:
Tester:
Remarks:

Manufacturer: Guangzhou Hotion Technology Co.,
Test unit:
Date of observation: 03/19/14



Product model:
Product number:
Tester:
Remarks:

Manufacturer: Guangzhou Hotion Technology Co.,
Test unit:
Date of observation: 03/19/14