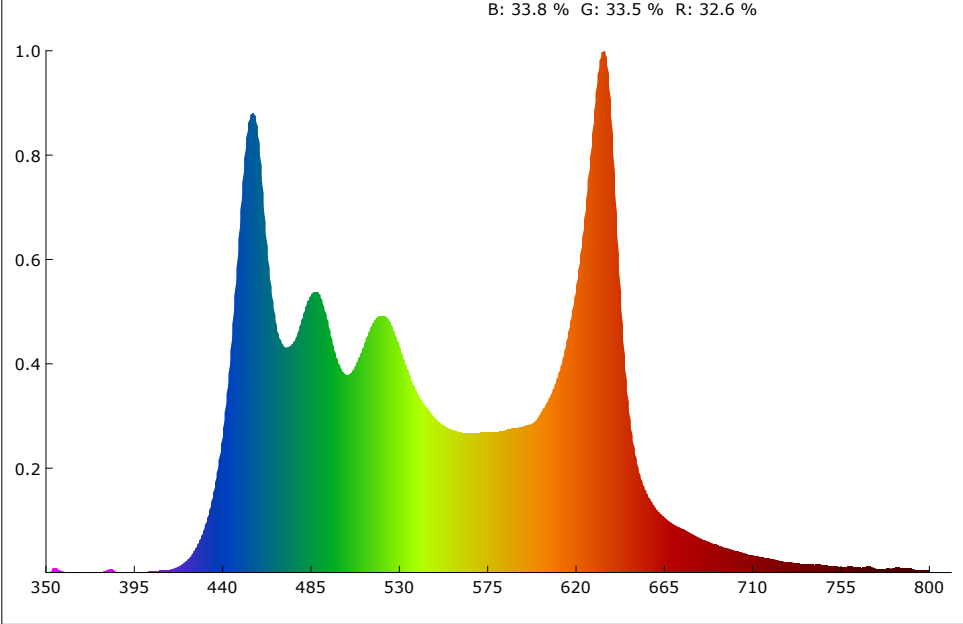
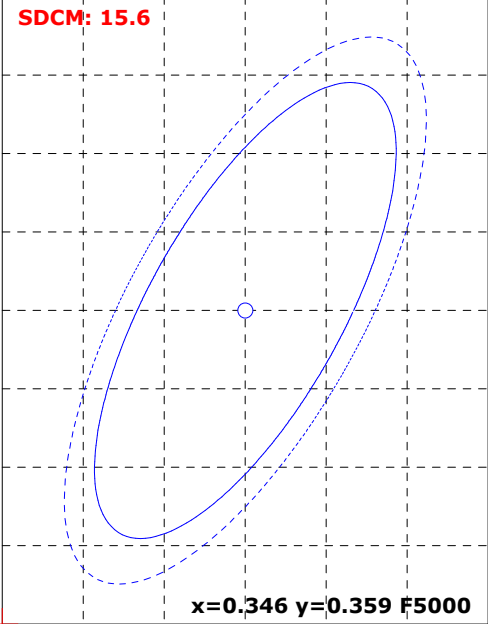


Spectrogram



SDCM



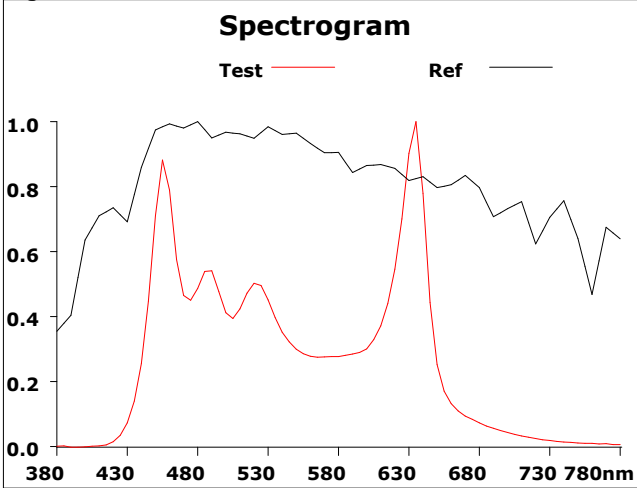
Color Parameter:

x: 0.3265	y: 0.3136	u: 0.2137	v: 0.3079	u': 0.2137	v': 0.4619		
R_ratio: 32.6 %	G_ratio: 33.5 %	B_ratio: 33.8 %	RedRatio: 22.2 %	GreenRatio: 71.6 %	BlueRatio: 6.2 %		
Ra: 65.5	AvgR: 54.1						
R1: 53.3	R2: 70.3	R3: 90.2	R4: 61.9	R5: 59.7	R6: 64.9	R7: 82.0	R8: 42.3
R9: -54.0	R10: 36.9	R11: 51.8	R12: 57.9	R13: 55.5	R14: 92.8	R15: 45.8	
CCT: 5825 K		Flux: 11742.009 lm	PeakWave: 634.5 nm	SDCM: 15.6			
S/P: 2.7		CentralWave: 631.1 nm	DominantWave: 0.0 nm	CentroidWave: 549.9 nm			
HalfWidth: 24.5 nm		duv: -0.01201	purity: 0.0 %	CQS: 86.4			
LER(TM-30): 258.6		Ep: 45398.3 mw	Rg: 108.0	Rf: 74.8			
Red Ep: 14563.2 mw		Near red Ep: 674.9 mw	Near infrared Ep: 70.0 mw				

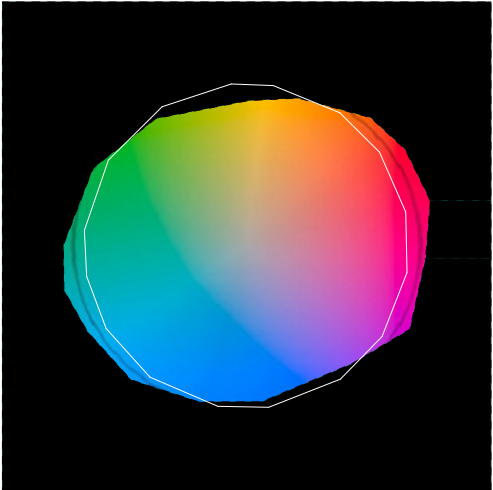
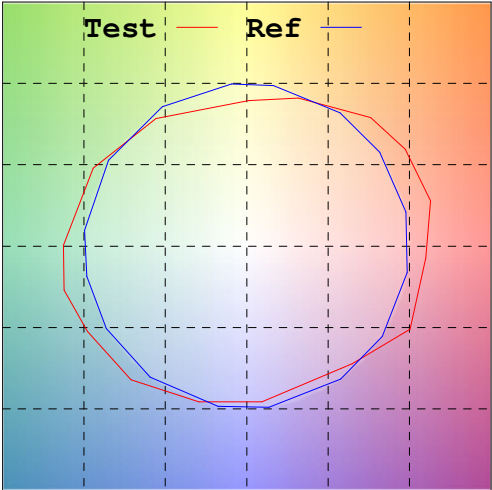
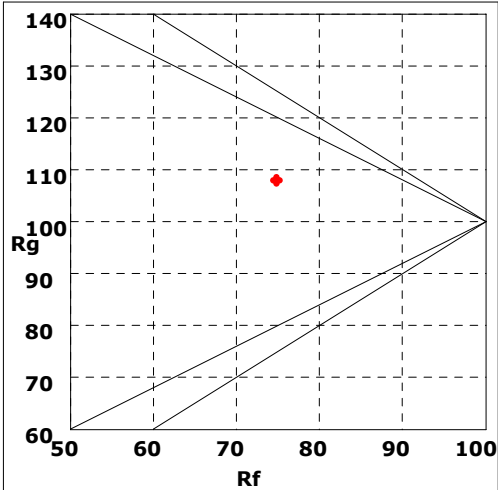
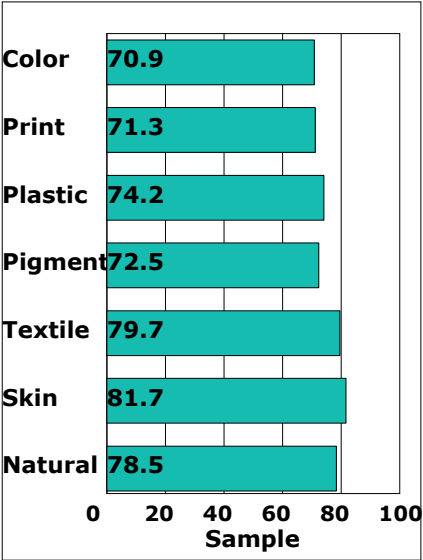
Electrical parameters:

Effic: 37.0 Lm/W	Energy: 40.3	Effi: G	
U: 219.6 V	I: 1.991 A	P: 317.600 W	Pf: 0.726

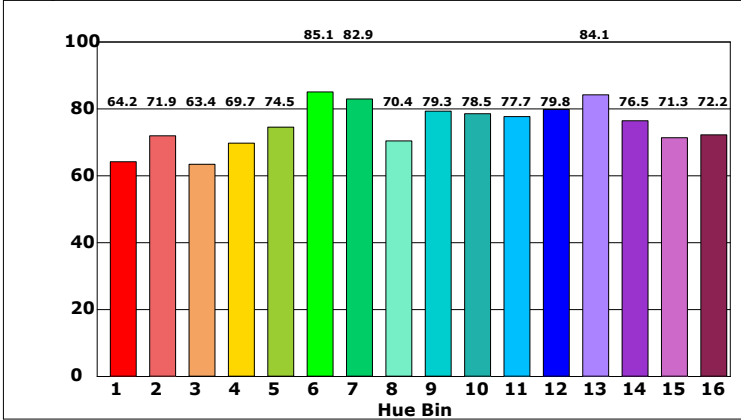
Rf: 74.8 CCT: 5825K u': 0.2137
Rg: 108.0 LER: 258.6 Duv: -0.01201 v': 0.4619



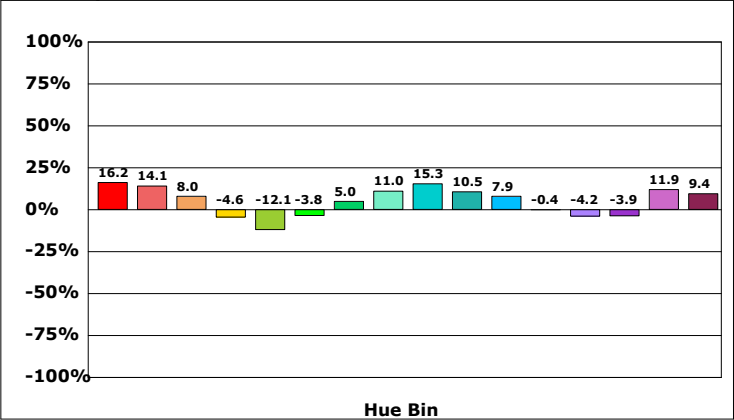
500			
Hue Bin	Rf	Chroma	Hue
1	64.2	16.2%	3.8%
2	71.9	14.1%	-7.2%
3	63.4	8.0%	-17.2%
4	69.7	-4.6%	-16.6%
5	74.5	-12.1%	-8.1%
6	85.1	-3.8%	7.3%
7	82.9	5.0%	9.2%
8	70.4	11.0%	11.6%
9	79.3	15.3%	5.5%
10	78.5	10.5%	-5.0%
11	77.7	7.9%	-8.9%
12	79.8	-0.4%	-12.3%
13	84.1	-4.2%	-3.5%
14	76.5	-3.9%	11.2%
15	71.3	11.9%	13.4%
16	72.2	9.4%	11.0%



Rf by Bue

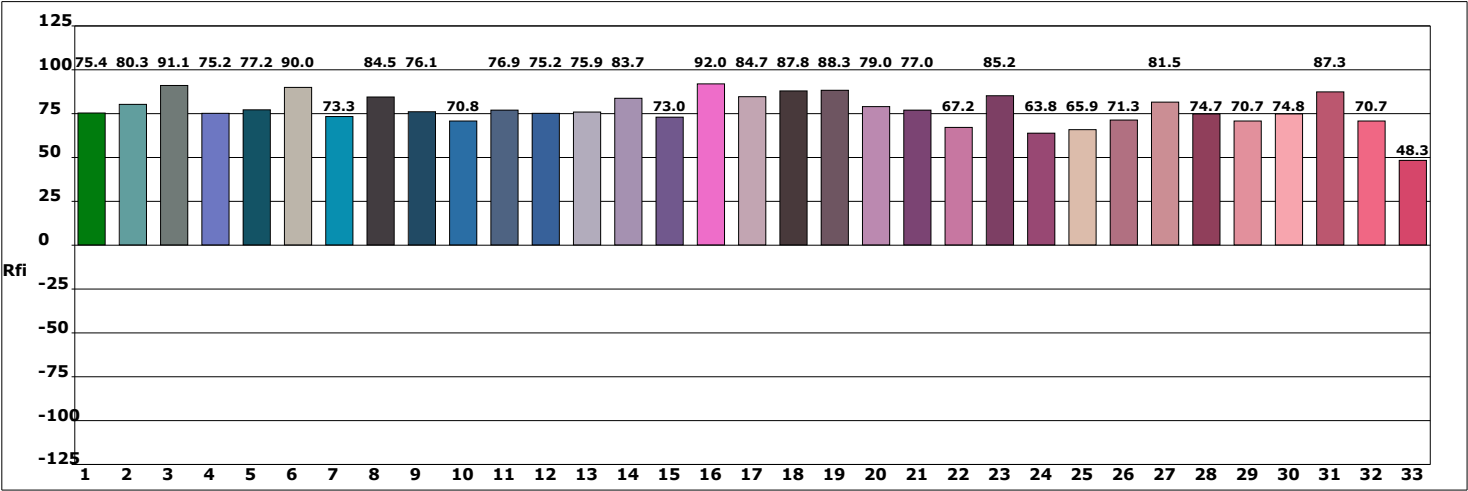
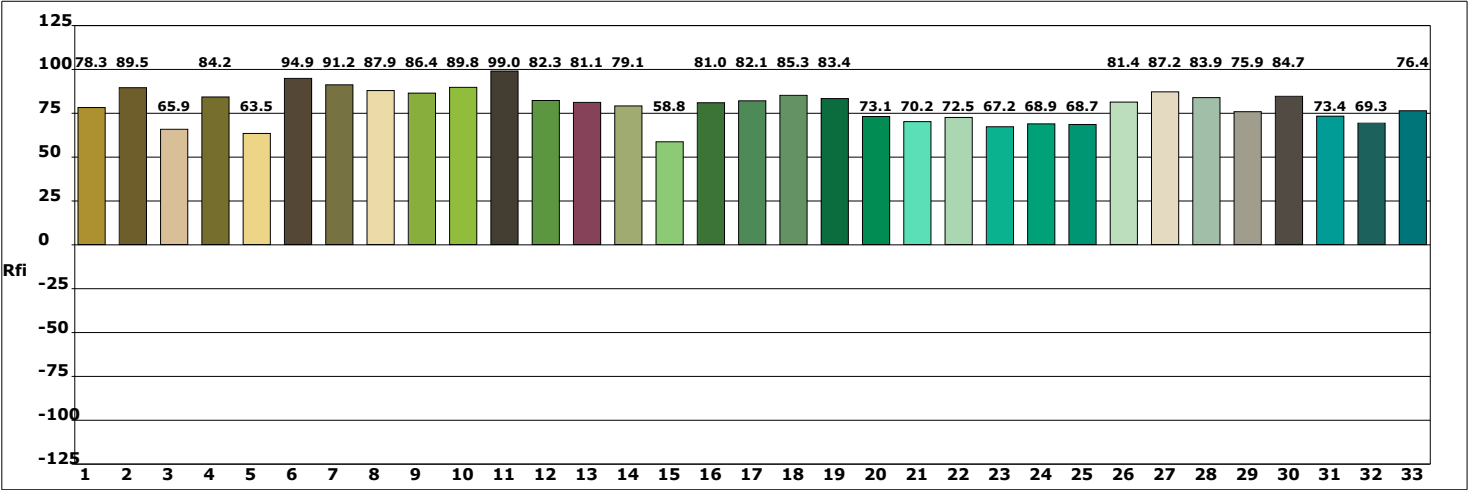
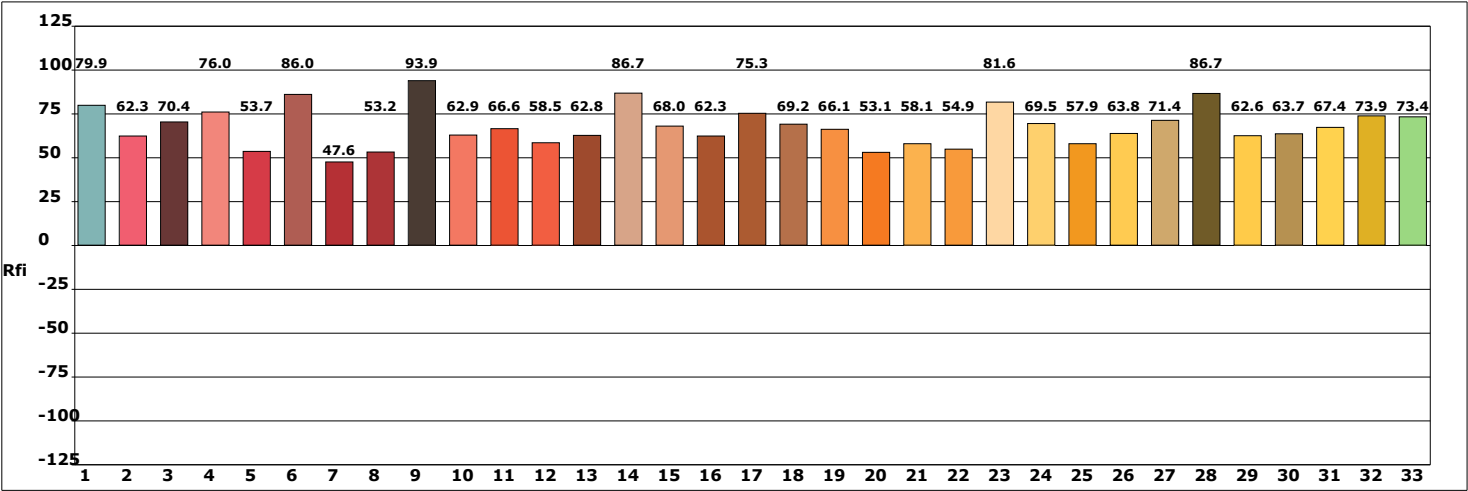


Chroma by Bue



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