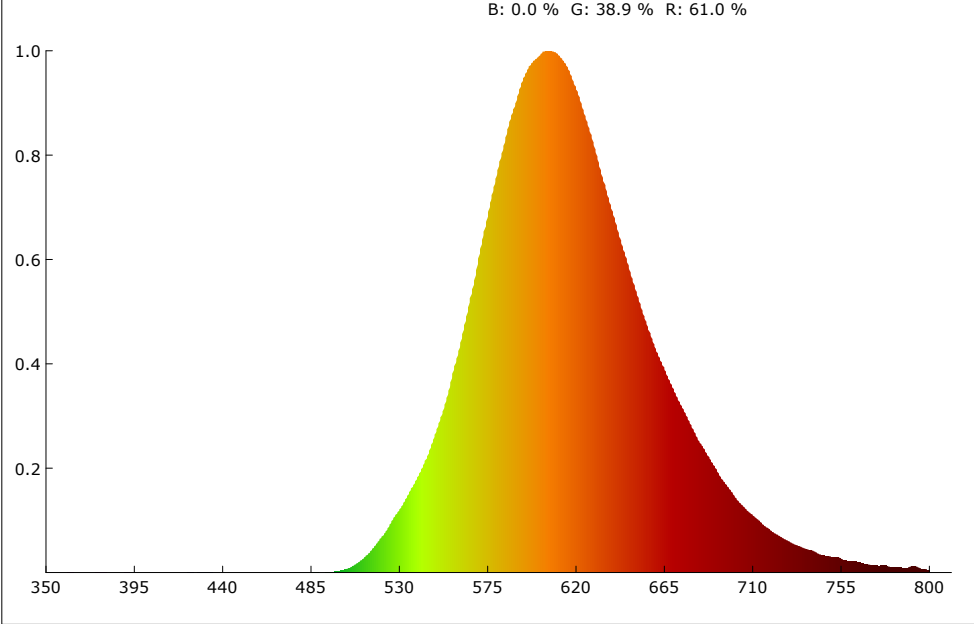
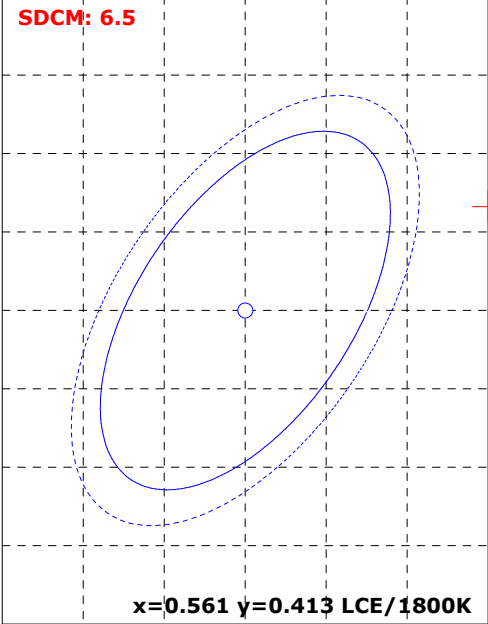


Spectrogram



SDCM



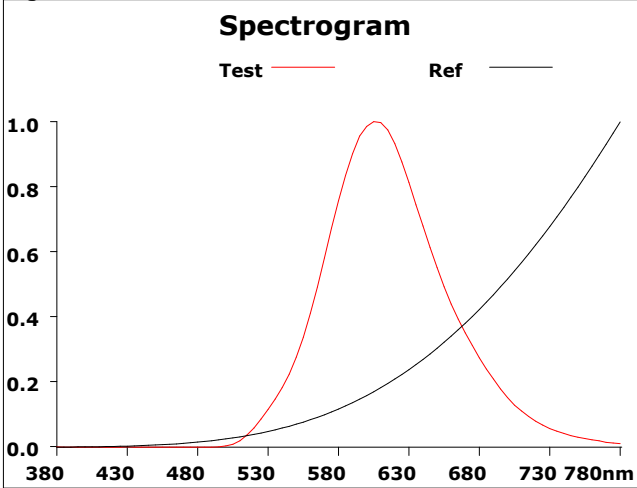
Color Parameter:

x: 0.5709	y: 0.4266	u: 0.3273	v: 0.3668	u': 0.3273	v': 0.5502		
R_ratio: 61.0 %	G_ratio: 38.9 %	B_ratio: 0.0 %	RedRatio: 32.5 %	GreenRatio: 67.5 %	BlueRatio: 0.0 %		
Ra: 51.7		AvgR: 39.5					
R1: 45.6	R2: 71.4	R3: 85.0	R4: 35.0	R5: 39.8	R6: 58.7	R7: 64.5	R8: 14.1
R9: -70.8	R10: 41.5	R11: 15.1	R12: 14.5	R13: 47.6	R14: 92.1	R15: 38.4	
CCT: 1756 K		Flux: 1818.214 lm	PeakWave: 607.7 nm	SDCM: 6.5			
S/P: 0.4		CentralWave: 609.5 nm	DominantWave: 589.5 nm	CentroidWave: 616.6 nm			
HalfWidth: 88.8 nm		duv: 0.00647	purity: 99.4 %	CQS: 2.0			
LER(TM-30): 326.7		Ep: 5565.6 mw	Rg: 10.1	Rf: 14.1			
Red Ep: 3244.6 mw		Near red Ep: 238.5 mw	Near infrared Ep: 11.3 mw				

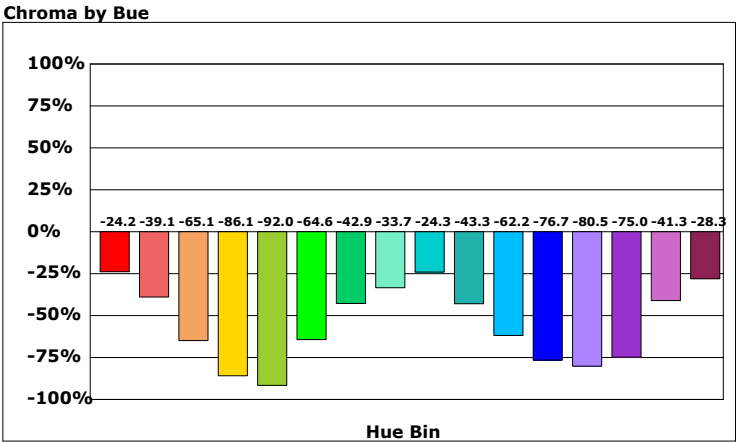
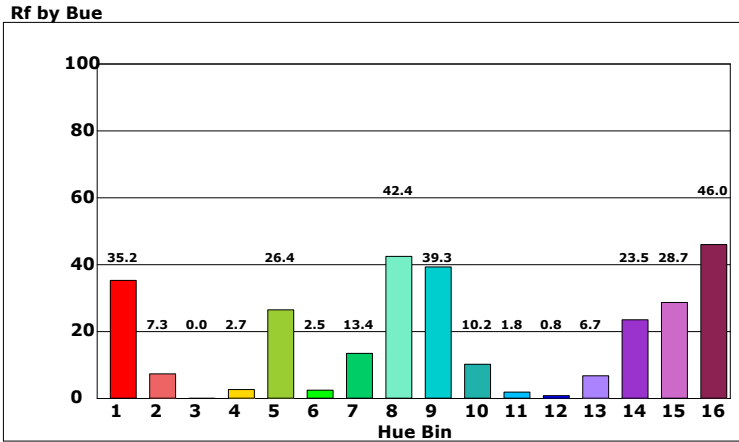
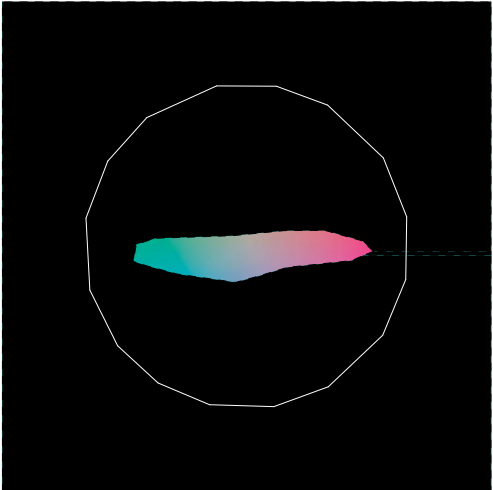
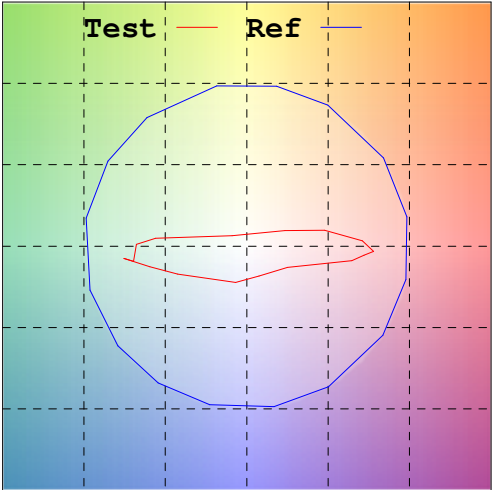
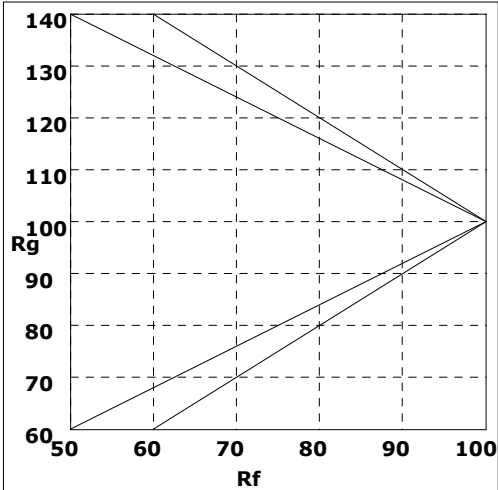
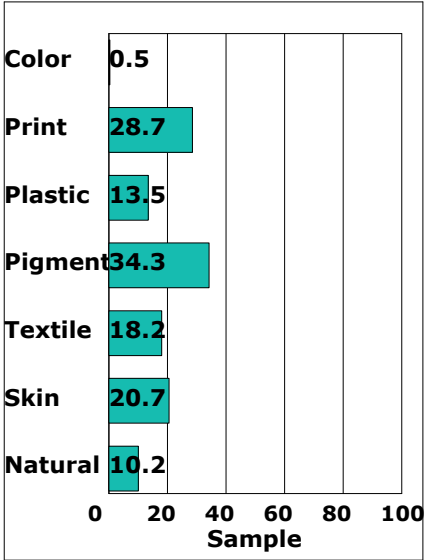
Electrical parameters:

Effic: 32.3 Lm/W	Energy: 35.2	Effi: G	
U: 220.5 V	I: 0.417 A	P: 56.330 W	Pf: 0.612

Rf: 14.1 CCT: 1756K u': 0.3273
Rg: 10.1 LER: 326.7 Duv: 0.00647 v': 0.5502

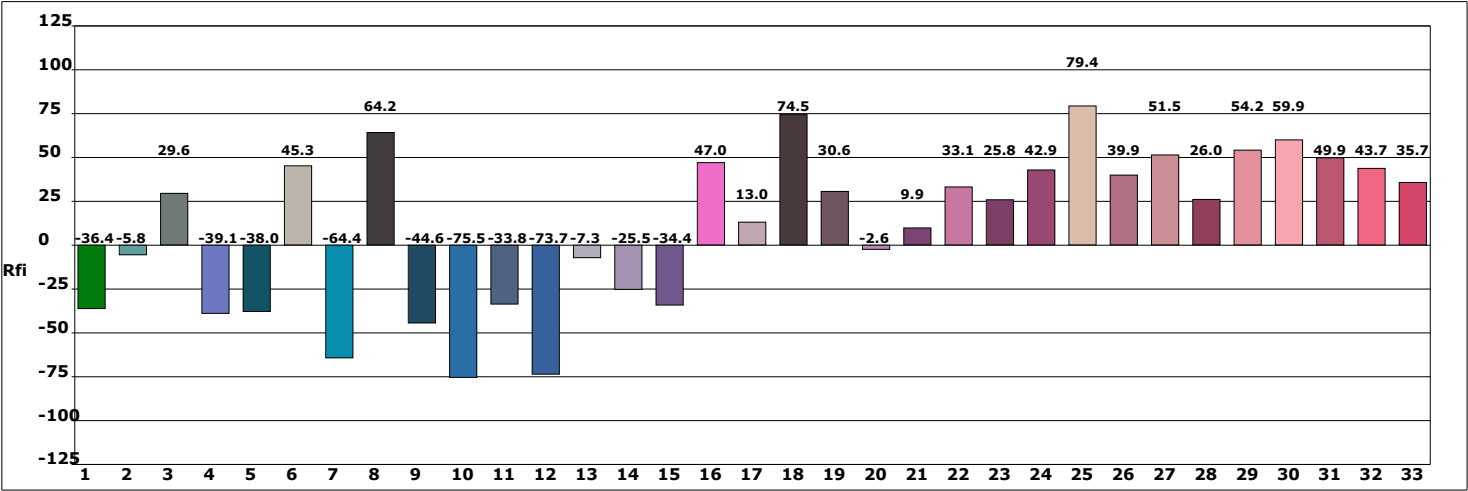
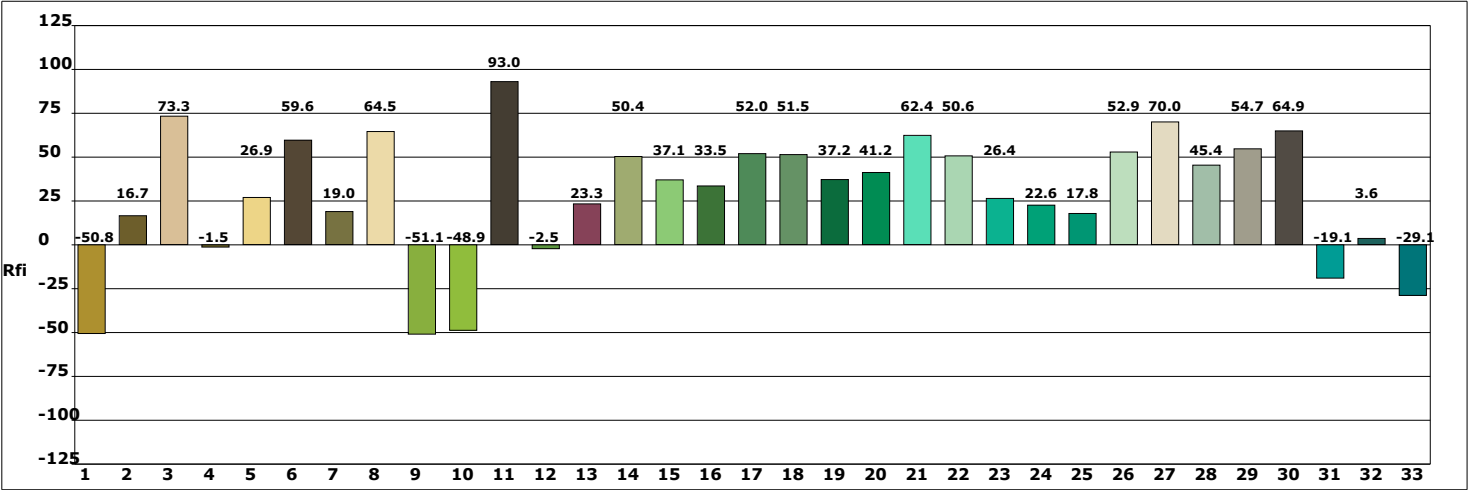
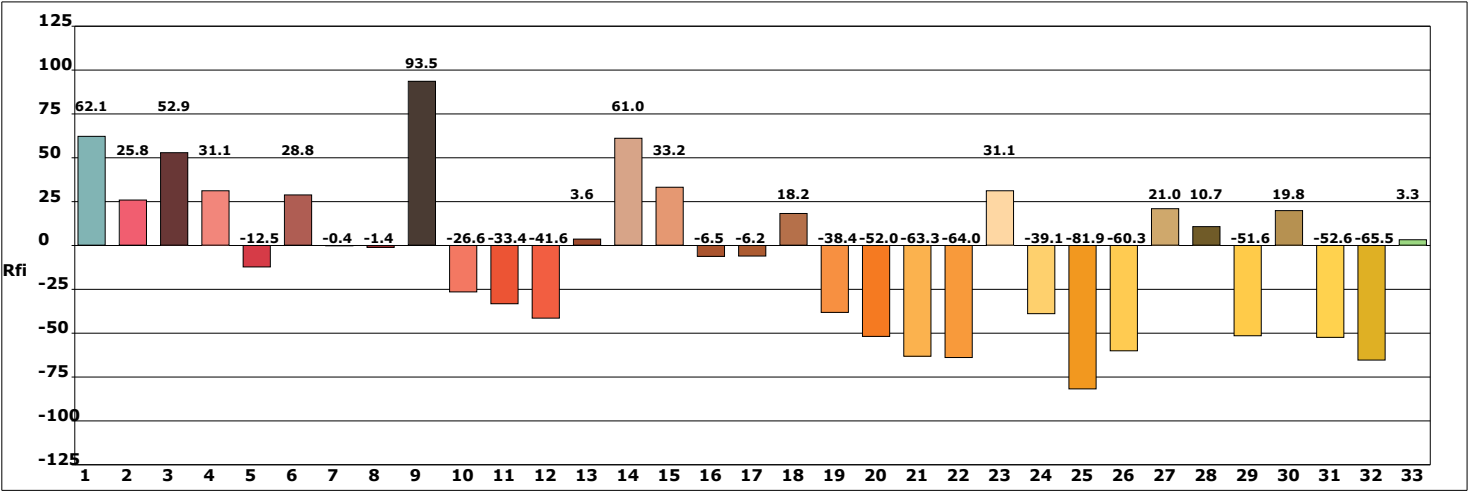


500			
Hue Bin	Rf	Chroma	Hue
1	35.2	-24.2%	-16.9%
2	7.3	-39.1%	-35.1%
3	0.0	-65.1%	-41.1%
4	2.7	-86.1%	-22.3%
5	26.4	-92.0%	8.8%
6	2.5	-64.6%	36.7%
7	13.4	-42.9%	32.7%
8	42.4	-33.7%	20.4%
9	39.3	-24.3%	-14.9%
10	10.2	-43.3%	-29.4%
11	1.8	-62.2%	-27.2%
12	0.8	-76.7%	1.0%
13	6.7	-80.5%	6.5%
14	23.5	-75.0%	20.0%
15	28.7	-41.3%	27.4%
16	46.0	-28.3%	9.7%



Product model:
Product number:
Tester:
Remarks:

Manufacturer: Guangzhou Hotion Technology Co.,
Test unit:
Date of observation: 07/16/14



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Product number:
Tester:
Remarks:

Manufacturer: Guangzhou Hotion Technology Co.,
Test unit:
Date of observation: 07/16/14