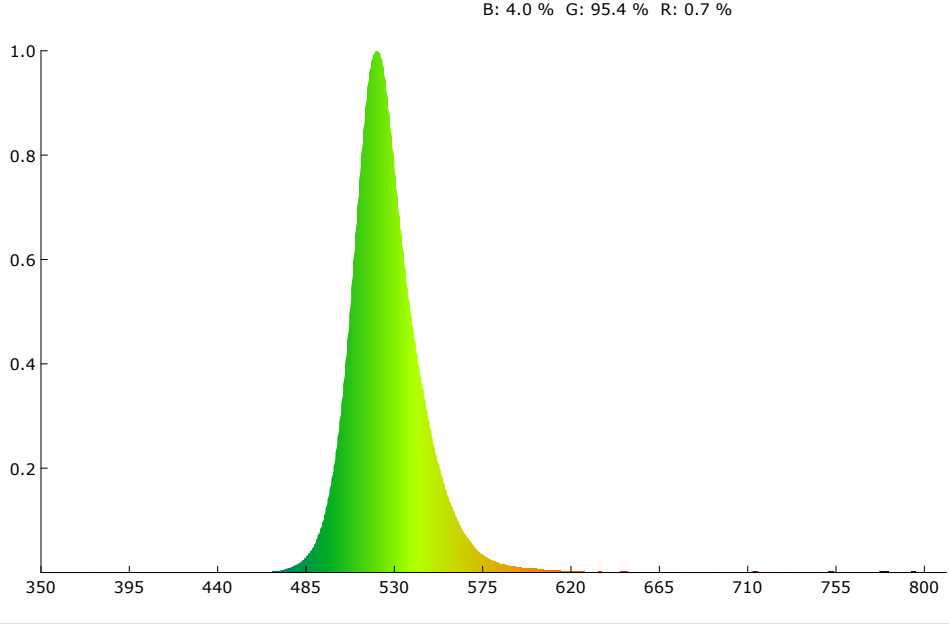
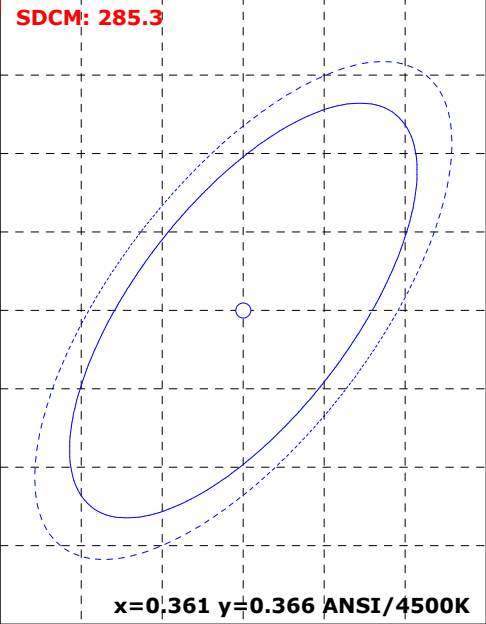


Spectrogram



SDCM



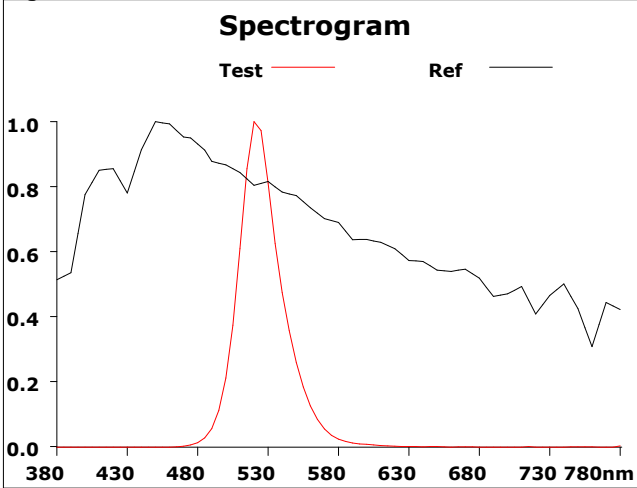
Color Parameter:

x: 0.1717	y: 0.7413	u: 0.0595	v: 0.3850	u': 0.0595	v': 0.5775
R_ratio: 0.7 %	G_ratio: 95.4 %	B_ratio: 4.0 %	RedRatio: 0.3 %	GreenRatio: 99.5 %	BlueRatio: 0.3 %
Ra: -29.8	AvgR: -41.4				
R1: -36.6	R2: -14.9	R3: -33.6	R4: -72.0	R5: -11.8	R6: -20.3
R7: -13.5	R8: -35.8	R9: -99.0	R10: -99.0	R11: -99.0	R12: -39.8
R13: -43.8	R14: 32.9	R15: -34.3			
CCT: 7706 K	Flux: 1838.612 lm	PeakWave: 521.6 nm	SDCM: 285.3		
S/P: 2.7	CentralWave: 523.4 nm	DominantWave: 528.6 nm	CentroidWave: 527.6 nm		
HalfWidth: 30.5 nm	duv: 0.15884	purity: 85.2 %	CQS: 0.2		
LER(TM-30): 504.3	Ep: 3645.7 mw	Rg: 5.6	Rf: 0.5		
Red Ep: 24.0 mw	Near red Ep: 7.1 mw	Near infrared Ep: 3.0 mw			

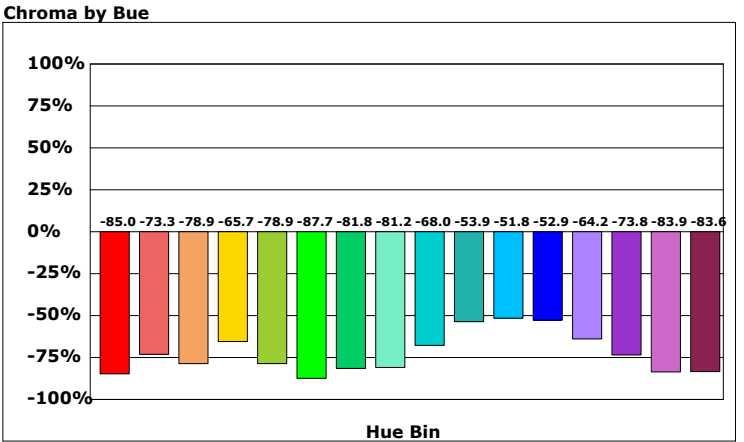
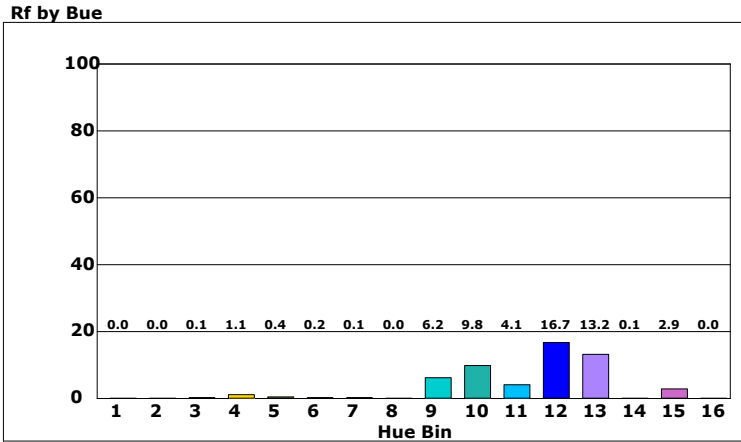
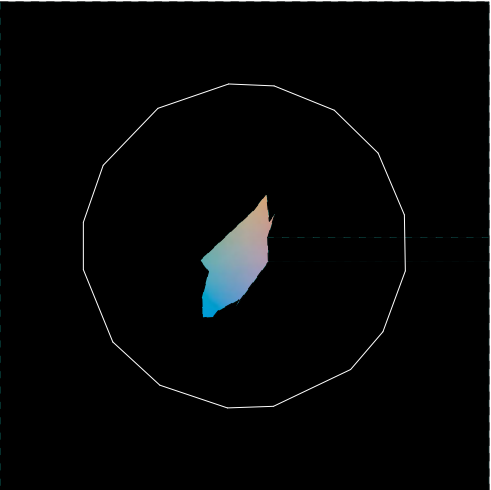
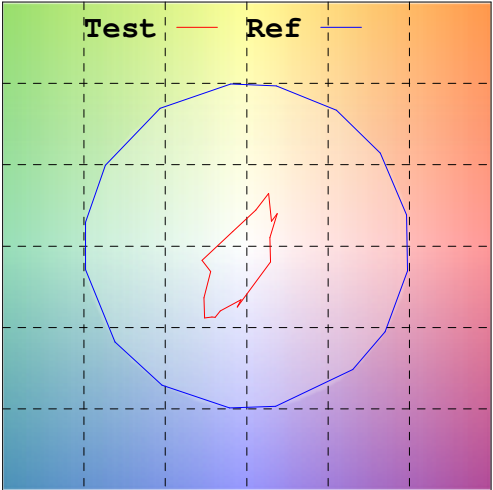
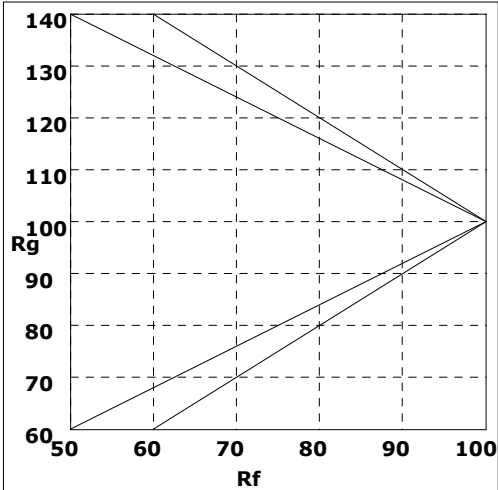
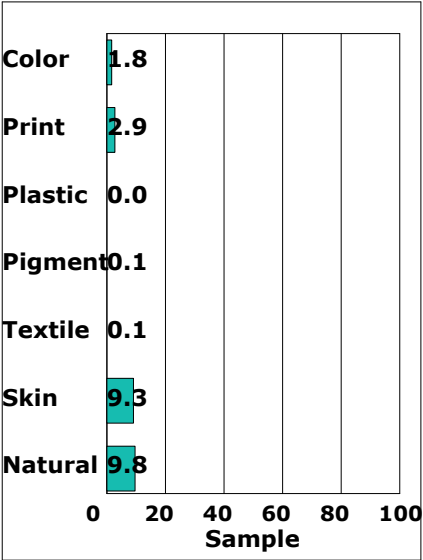
Electrical parameters:

Effic: 34.5 Lm/W	Energy: 37.5	Effi: G	
U: 220.5 V	I: 0.397 A	P: 53.340 W	Pf: 0.608

Rf: 0.5 CCT: 7706K u': 0.0595
Rg: 5.6 LER: 504.3 Duv: 0.15884 v': 0.5775

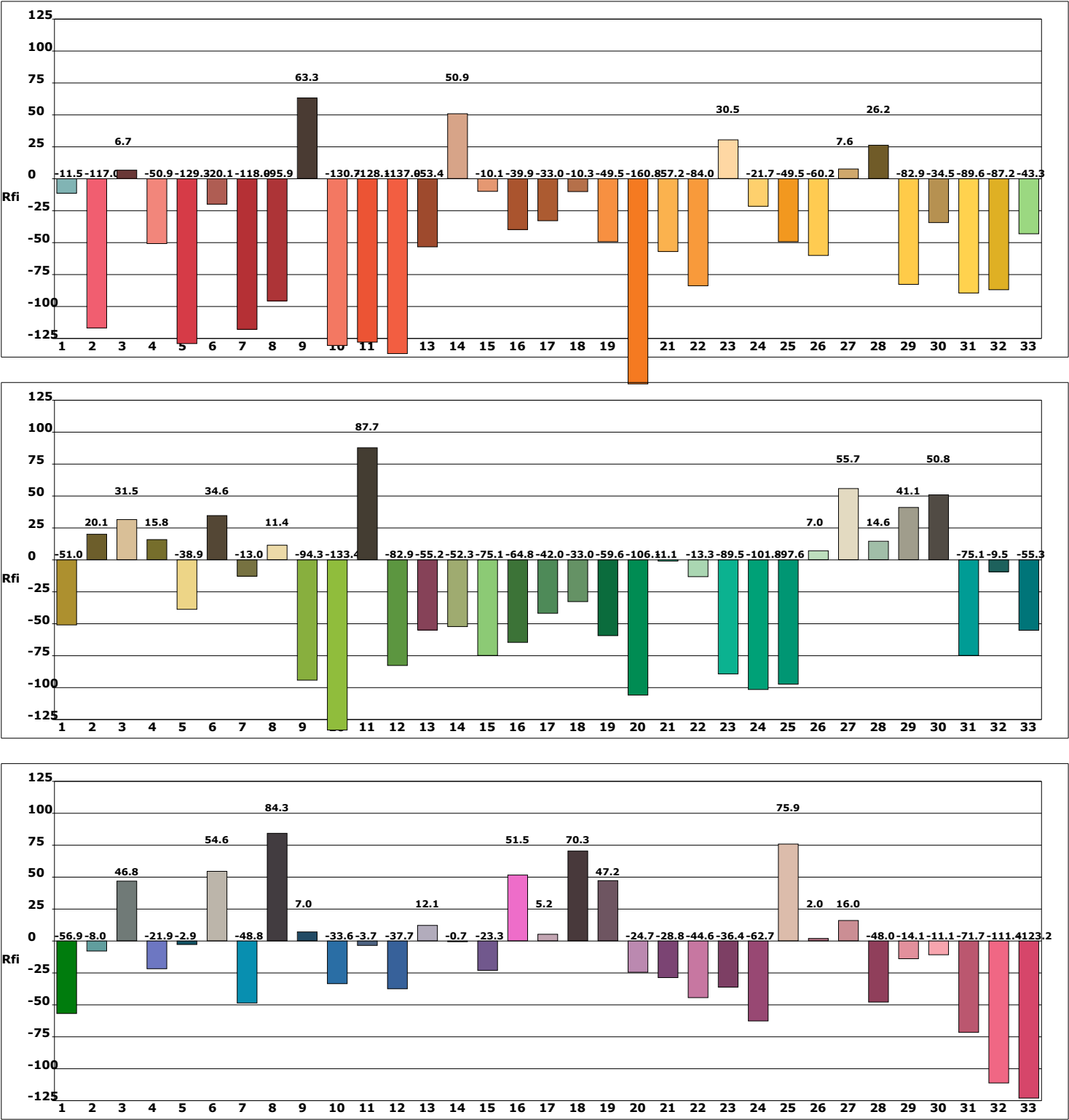


500			
Hue Bin	Rf	Chroma	Hue
1	0.0	-85.0%	2.6%
2	0.0	-73.3%	4.2%
3	0.1	-78.9%	-4.8%
4	1.1	-65.7%	-8.2%
5	0.4	-78.9%	-0.0%
6	0.2	-87.7%	5.0%
7	0.1	-81.8%	15.6%
8	0.0	-81.2%	14.8%
9	6.2	-68.0%	31.2%
10	9.8	-53.9%	18.5%
11	4.1	-51.8%	2.3%
12	16.7	-52.9%	-19.7%
13	13.2	-64.2%	-21.9%
14	0.1	-73.8%	-33.1%
15	2.9	-83.9%	-37.9%
16	0.0	-83.6%	-11.0%



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:
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