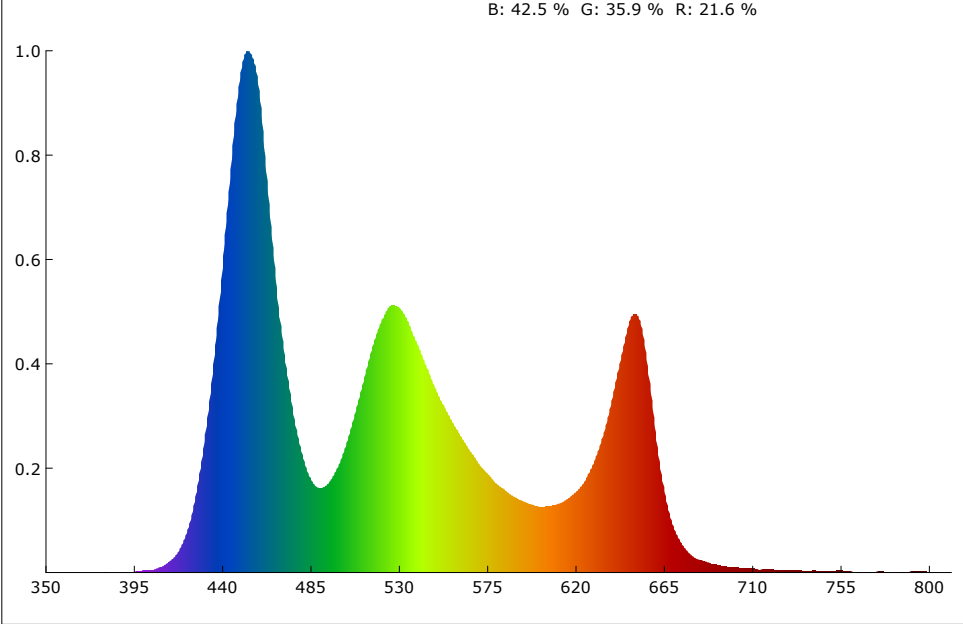
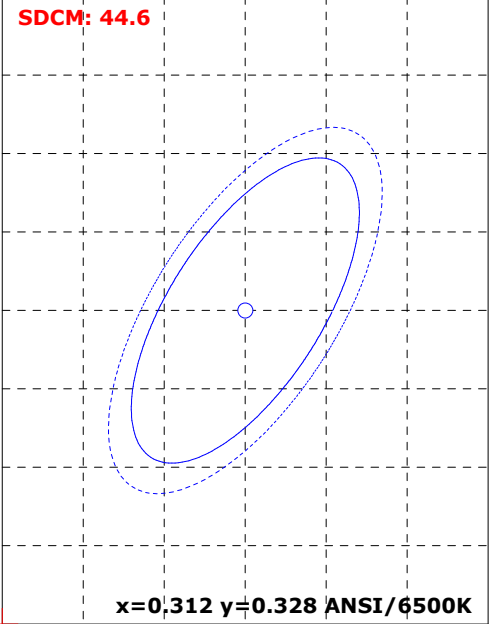


Spectrogram



SDCM



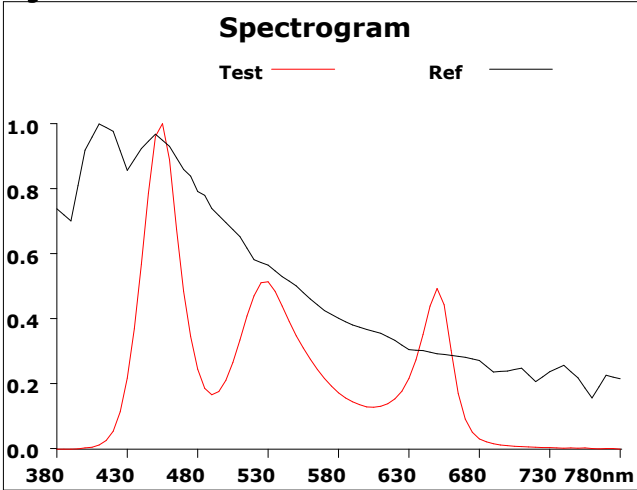
Color Parameter:

x: 0.2495	y: 0.2697	u: 0.1739	v: 0.2820	u': 0.1739	v': 0.4230
R_ratio: 21.6 %	G_ratio: 35.9 %	B_ratio: 42.5 %	RedRatio: 11.3 %	GreenRatio: 82.3 %	BlueRatio: 6.4 %
Ra: 84.7	AvgR: 77.9				
R1: 93.2	R2: 87.8	R3: 72.8	R4: 87.5	R5: 90.6	R6: 81.0
R7: 87.2	R8: 77.5	R9: 34.4	R10: 66.5	R11: 77.8	R12: 50.0
R13: 89.2	R14: 84.7	R15: 88.2			
CCT: 18404 K	Flux: 3469.488 lm	PeakWave: 453.3 nm	SDCM: 44.6		
S/P: 3.0	CentralWave: 453.9 nm	DominantWave: 481.1 nm	CentroidWave: 528.1 nm		
HalfWidth: 30.6 nm	duv: 0.01099	purity: 34.0 %	CQS: 85.6		
LER(TM-30): 246.7	Ep: 14065.5 mw	Rg: 100.3	Rf: 79.6		
Red Ep: 3024.6 mw	Near red Ep: 62.1 mw	Near infrared Ep: 6.2 mw			

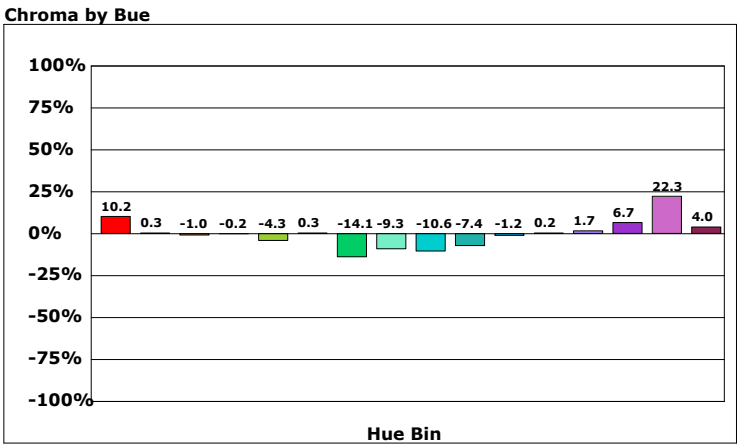
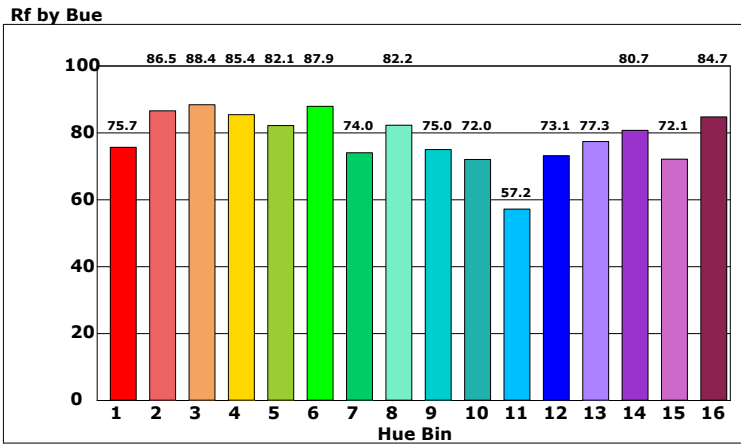
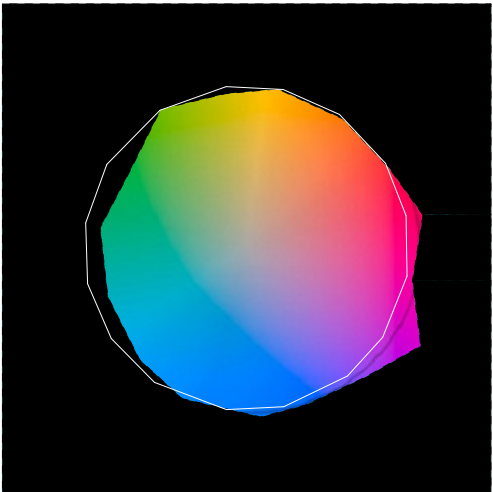
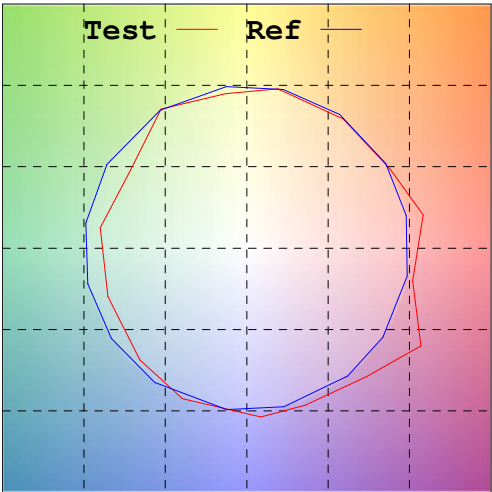
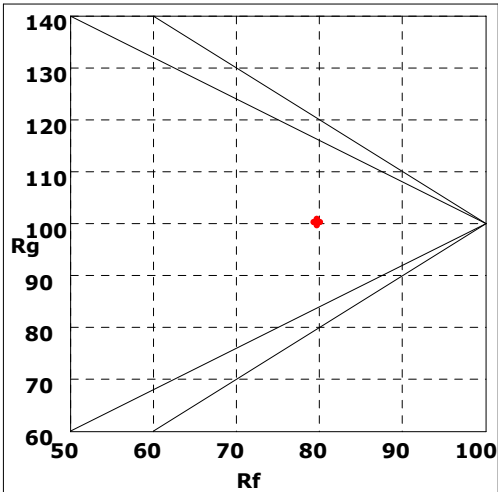
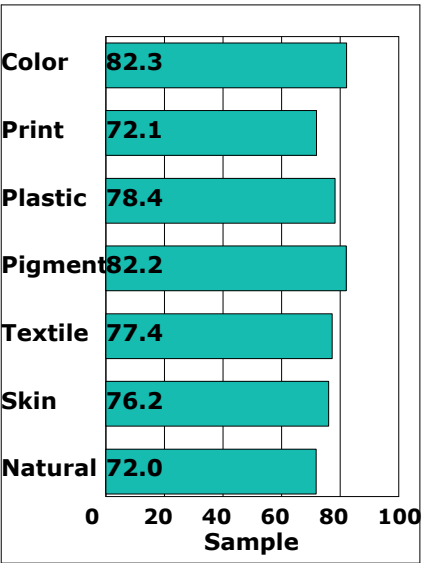
Electrical parameters:

Effic: 9.8 Lm/W	Energy: 10.7	Effi: G	
U: 221.1 V	I: 1.633 A	P: 354.300 W	Pf: 0.981

Rf: 79.6 CCT: 18404K u': 0.1739
Rg: 100.3 LER: 246.7 Duv: 0.01099 v': 0.4230

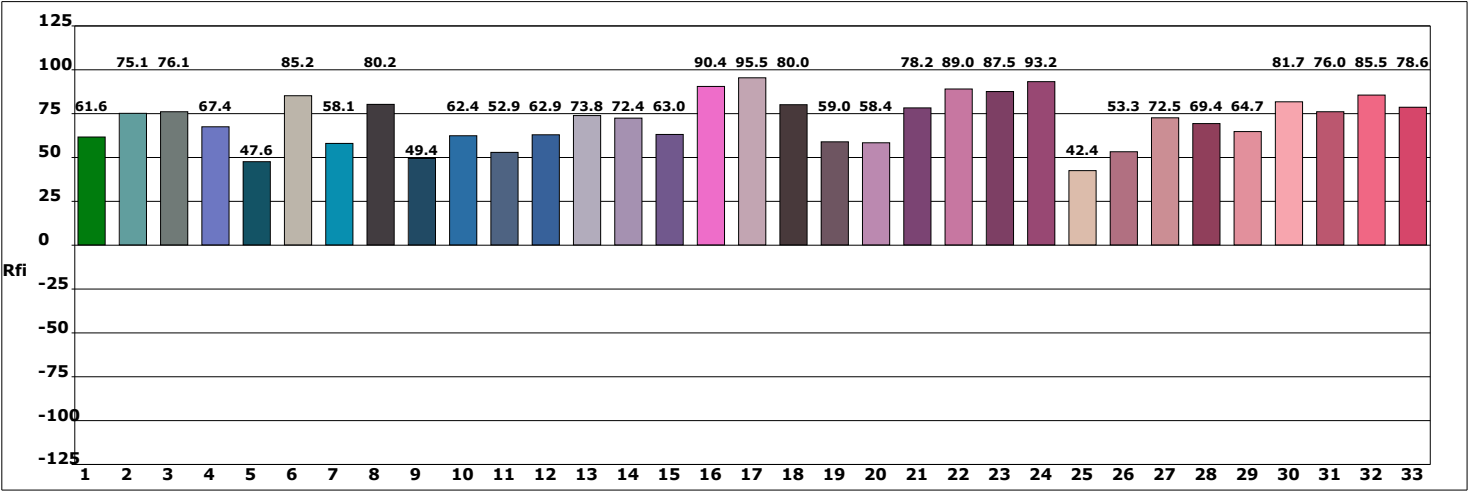
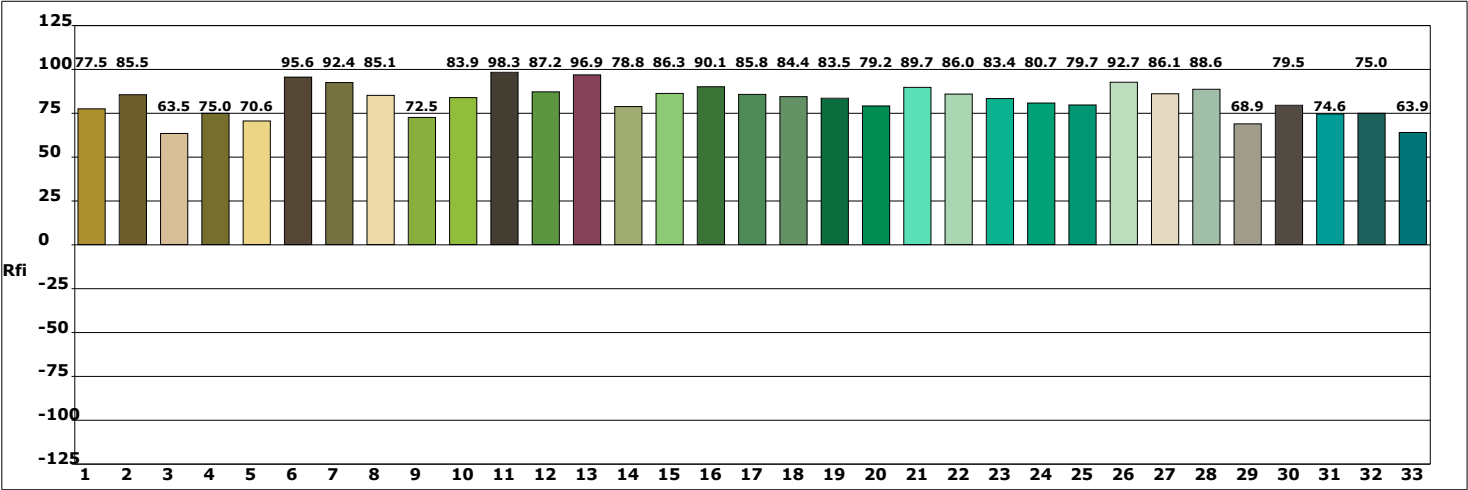
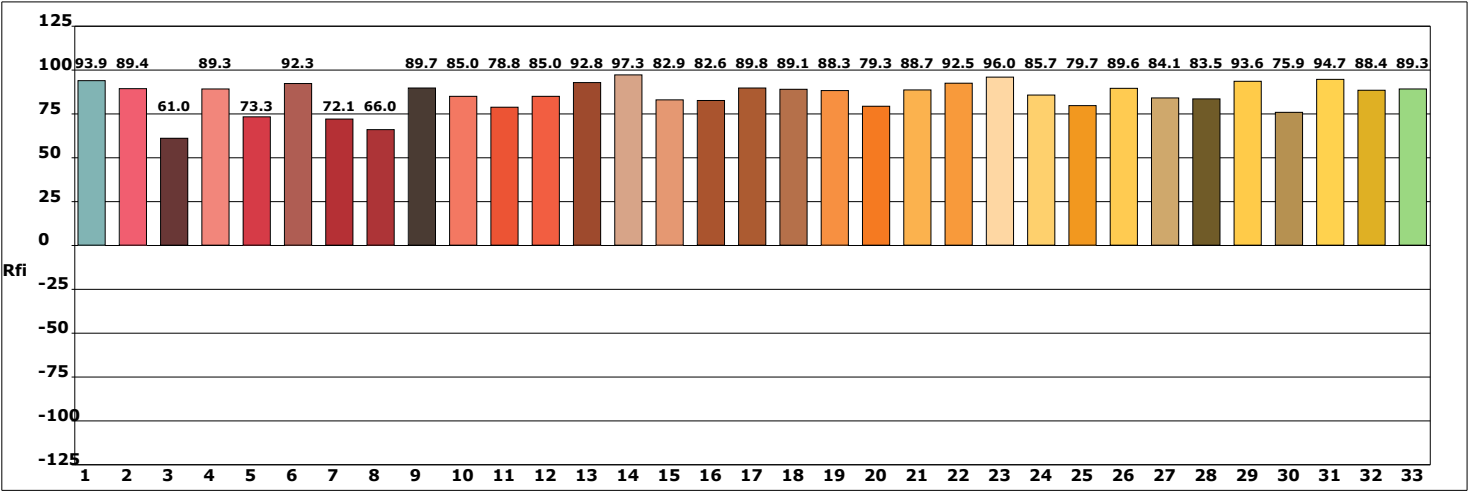


500			
Hue Bin	Rf	Chroma	Hue
1	75.7	10.2%	-1.7%
2	86.5	0.3%	-4.6%
3	88.4	-1.0%	-3.3%
4	85.4	-0.2%	3.4%
5	82.1	-4.3%	1.1%
6	87.9	0.3%	-1.0%
7	74.0	-14.1%	-3.5%
8	82.2	-9.3%	1.1%
9	75.0	-10.6%	10.2%
10	72.0	-7.4%	20.8%
11	57.2	-1.2%	19.9%
12	73.1	0.2%	21.4%
13	77.3	1.7%	13.2%
14	80.7	6.7%	9.0%
15	72.1	22.3%	8.5%
16	84.7	4.0%	-2.1%



Product model:
Product number:
Tester:
Remarks:

Manufacturer: Guangzhou Hotion Technology Co.,
Test unit:
Date of observation: 07/15/14



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Product number:
Tester:
Remarks:

Manufacturer: Guangzhou Hotion Technology Co.,
Test unit:
Date of observation: 07/15/14