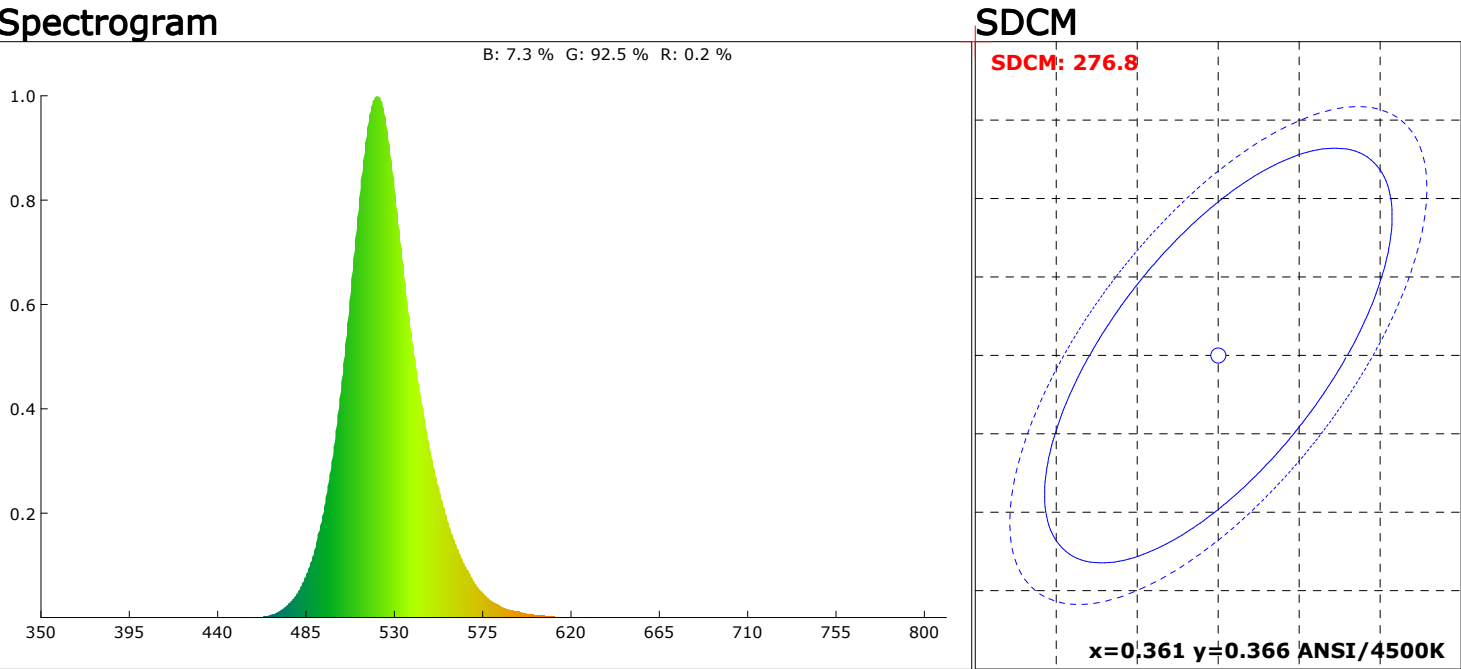




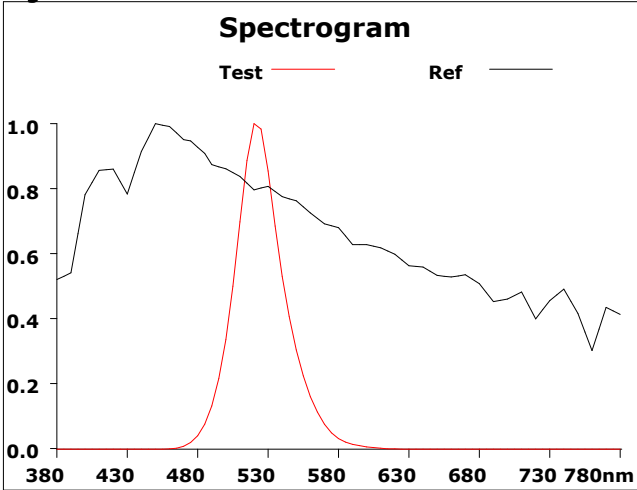
Color Parameter:

x: 0.1718	y: 0.7237	u: 0.0606	v: 0.3829	u': 0.0606	v': 0.5743		
R_ratio: 0.2 %	G_ratio: 92.5 %	B_ratio: 7.3 %	RedRatio: 0.1 %	GreenRatio: 99.3 %	BlueRatio: 0.6 %		
Ra: -24.3	AvgR: -36.9						
R1: -36.3	R2: -8.1	R3: -20.0	R4: -68.4	R5: -11.4	R6: -12.6	R7: -5.0	R8: -32.8
R9: -99.0	R10: -99.0	R11: -97.5	R12: -27.5	R13: -41.7	R14: 40.2	R15: -34.6	
CCT: 7833 K	Flux: 311.196 lm	PeakWave: 521.6 nm	SDCM: 276.8				
S/P: 2.8	CentralWave: 522.8 nm	DominantWave: 527.3 nm	CentroidWave: 525.4 nm				
HalfWidth: 35.4 nm	duv: 0.15682	purity: 80.6 %	CQS: 0.2				
LER(TM-30): 492.3	Ep: 632.1 mw	Rg: 7.1	Rf: 0.7				
Red Ep: 1.2 mw	Near red Ep: 0.0 mw	Near infrared Ep: 0.0 mw					

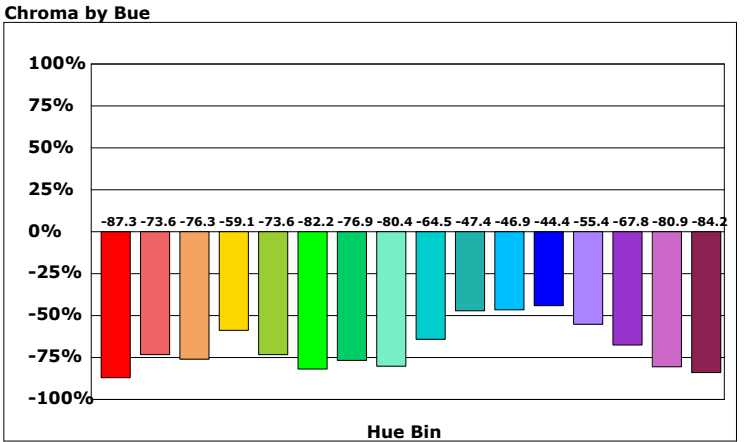
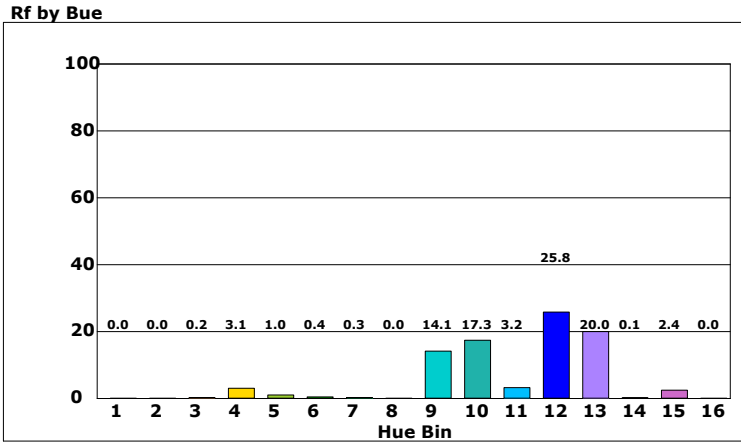
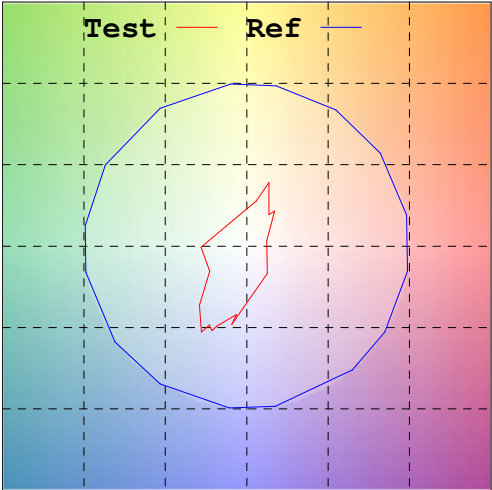
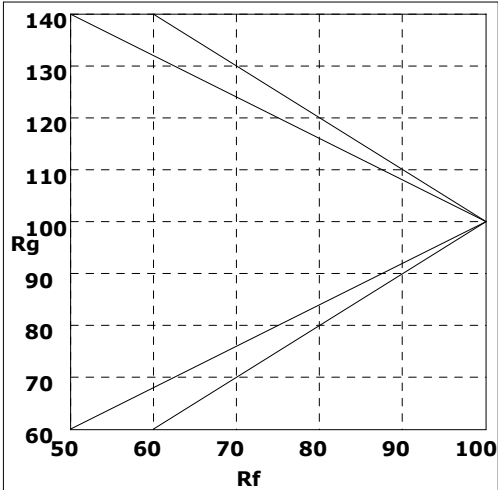
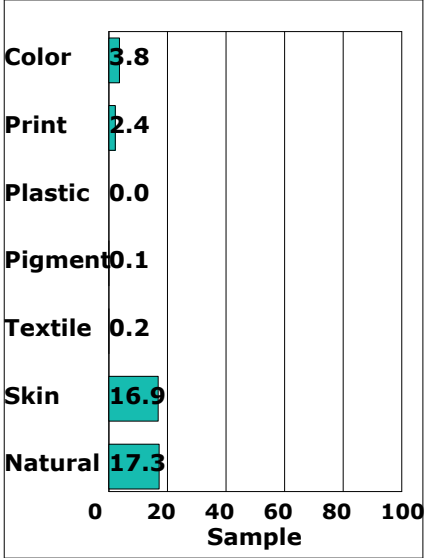
Electrical parameters:

Effic: 14.6 Lm/W	Energy: 15.9	Effi: G	
U: 220.9 V	I: 0.175 A	P: 21.250 W	Pf: 0.546

Rf: 0.7 CCT: 7833K u': 0.0606
Rg: 7.1 LER: 492.3 Duv: 0.15682 v': 0.5743



500			
Hue Bin	Rf	Chroma	Hue
1	0.0	-87.3%	1.1%
2	0.0	-73.6%	6.4%
3	0.2	-76.3%	-1.6%
4	3.1	-59.1%	-7.0%
5	1.0	-73.6%	-1.2%
6	0.4	-82.2%	1.0%
7	0.3	-76.9%	9.3%
8	0.0	-80.4%	12.5%
9	14.1	-64.5%	33.3%
10	17.3	-47.4%	24.3%
11	3.2	-46.9%	5.1%
12	25.8	-44.4%	-19.7%
13	20.0	-55.4%	-25.4%
14	0.1	-67.8%	-40.3%
15	2.4	-80.9%	-48.4%
16	0.0	-84.2%	-18.2%



Product model:
Product number:
Tester:
Remarks:

Manufacturer: Guangzhou Hotion Technology Co.,
Test unit:
Date of observation: 03/31/13

