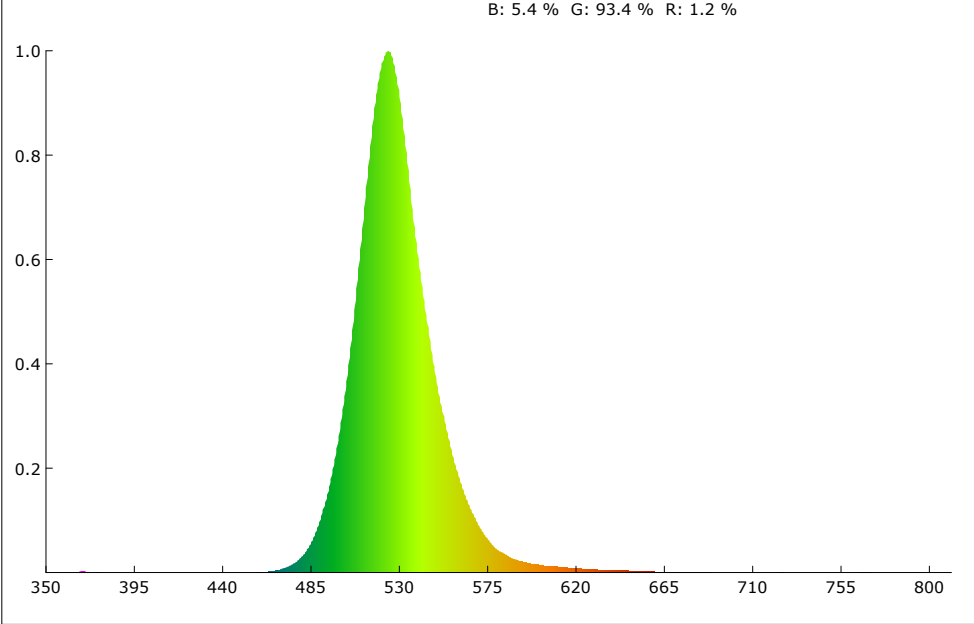
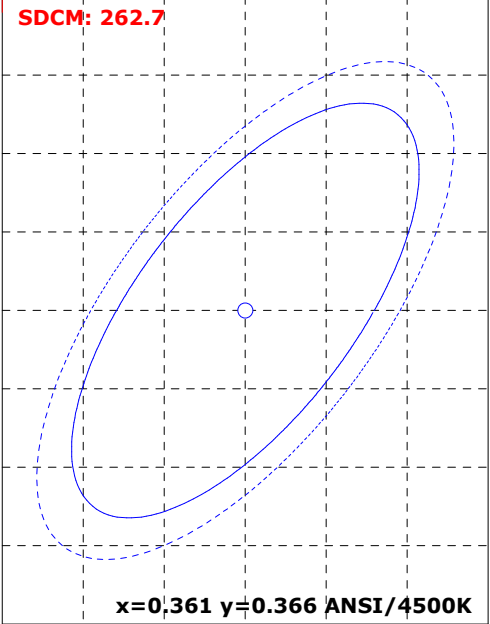


Spectrogram



SDCM



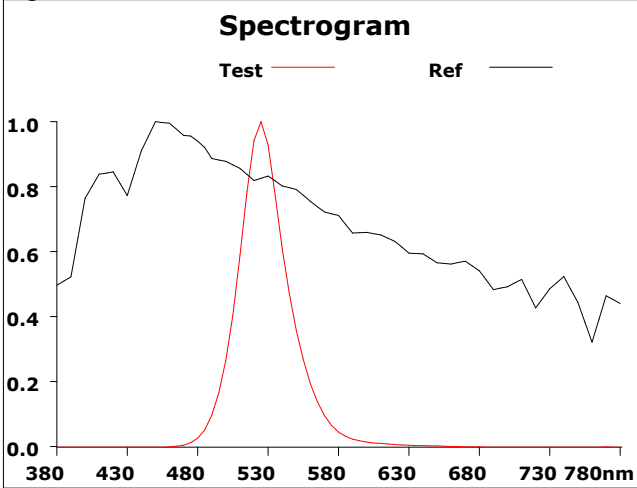
Color Parameter:

x: 0.1950	y: 0.7208	u: 0.0693	v: 0.3841	u': 0.0693	v': 0.5762
R_ratio: 1.2 %	G_ratio: 93.4 %	B_ratio: 5.4 %	RedRatio: 0.5 %	GreenRatio: 99.1 %	BlueRatio: 0.4 %
Ra: -22.6	AvgR: -35.4				
R1: -32.2	R2: -6.7	R3: -19.0	R4: -66.3	R5: -9.1	R6: -10.6
R7: -5.2	R8: -31.7	R9: -99.0	R10: -99.0	R11: -96.0	R12: -26.7
R13: -37.4	R14: 40.7	R15: -32.5			
CCT: 7457 K	Flux: 2005.192 lm	PeakWave: 524.5 nm	SDCM: 262.7		
S/P: 2.5	CentralWave: 525.7 nm	DominantWave: 531.6 nm	CentroidWave: 529.5 nm		
HalfWidth: 35.6 nm	duv: 0.15002	purity: 83.3 %	CQS: 0.5		
LER(TM-30): 511.5	Ep: 3920.2 mw	Rg: 8.9	Rf: 1.1		
Red Ep: 46.3 mw	Near red Ep: 2.5 mw	Near infrared Ep: 0.1 mw			

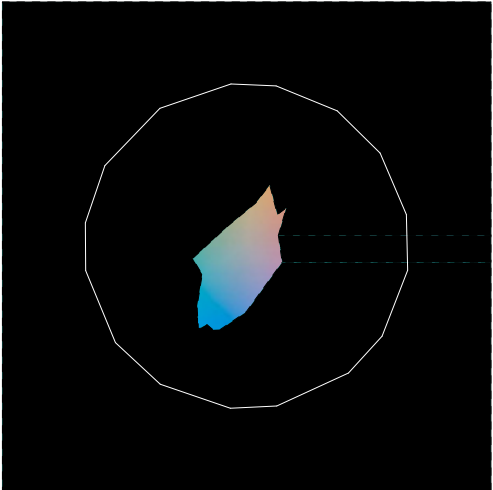
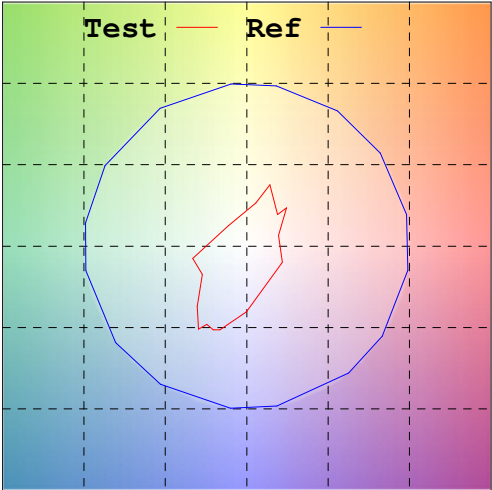
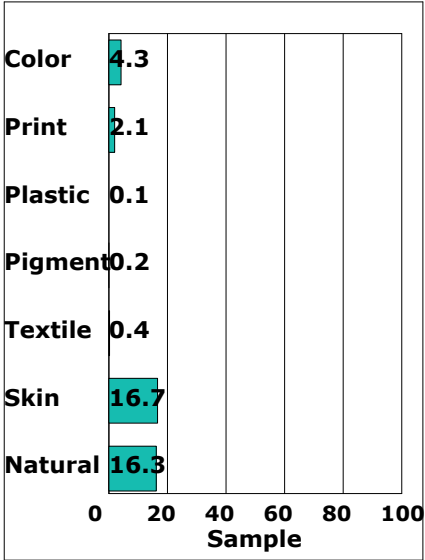
Electrical parameters:

Effic: 19.9 Lm/W	Energy: 21.6	Effi: G	
U: 219.3 V	I: 0.709 A	P: 101.000 W	Pf: 0.649

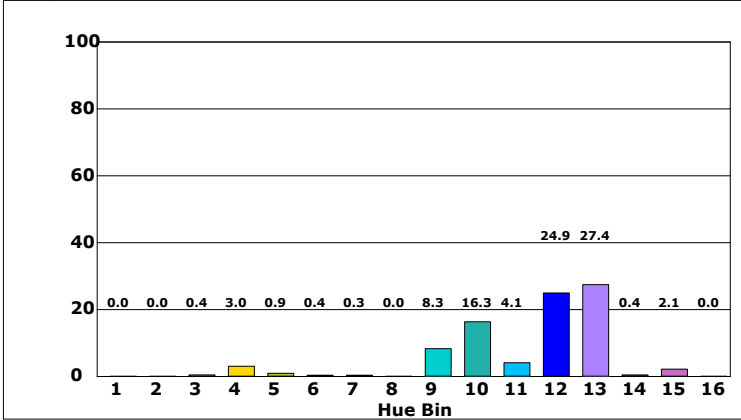
Rf: 1.1 CCT: 7457K u': 0.0693
Rg: 8.9 LER: 511.5 Duv: 0.15002 v': 0.5762



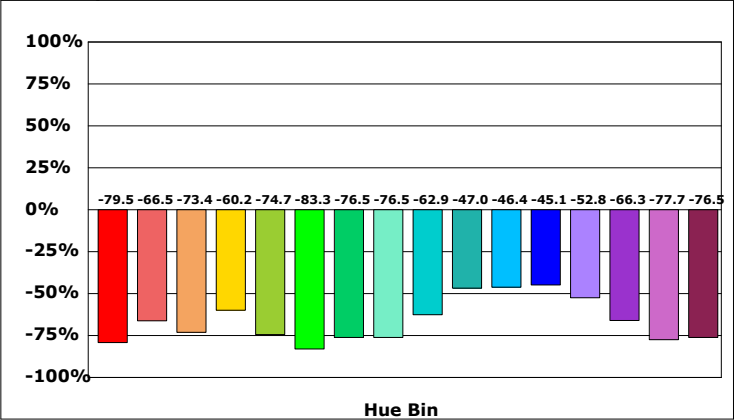
500			
Hue Bin	Rf	Chroma	Hue
1	0.0	-79.5%	2.7%
2	0.0	-66.5%	4.0%
3	0.4	-73.4%	-4.9%
4	3.0	-60.2%	-7.9%
5	0.9	-74.7%	-0.6%
6	0.4	-83.3%	5.4%
7	0.3	-76.5%	17.5%
8	0.0	-76.5%	17.1%
9	8.3	-62.9%	34.8%
10	16.3	-47.0%	21.5%
11	4.1	-46.4%	3.2%
12	24.9	-45.1%	-19.8%
13	27.4	-52.8%	-25.3%
14	0.4	-66.3%	-31.6%
15	2.1	-77.7%	-33.6%
16	0.0	-76.5%	-10.2%



Rf by Bue



Chroma by Bue



Product model:
Product number:
Tester:
Remarks:

Manufacturer: Guangzhou Hotion Technology Co.,
Test unit:
Date of observation: 05/30/14

