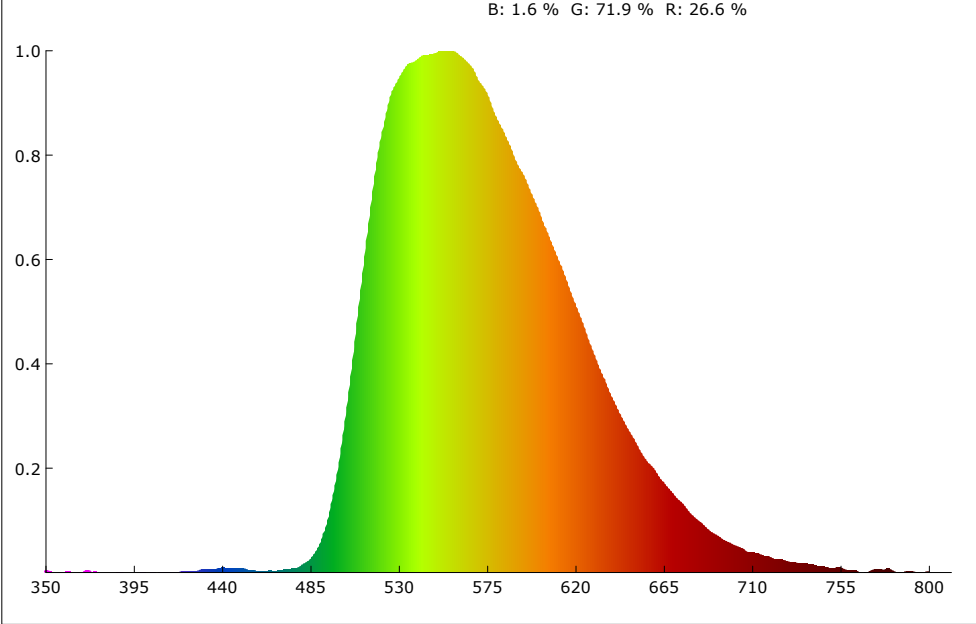
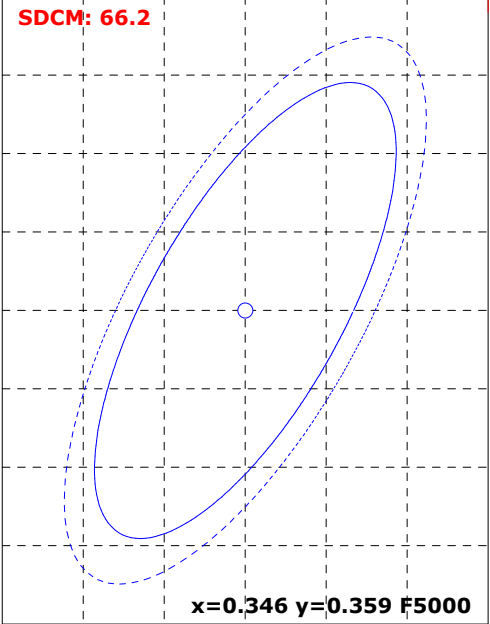


Spectrogram



SDCM



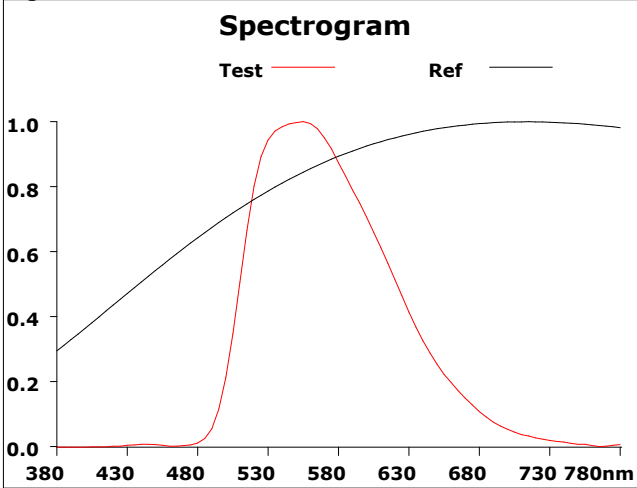
Color Parameter:

x: 0.4241	y: 0.5508	u: 0.1936	v: 0.3772	u': 0.1936	v': 0.5658
R_ratio: 26.6 %	G_ratio: 71.9 %	B_ratio: 1.6 %	RedRatio: 11.2 %	GreenRatio: 88.7 %	BlueRatio: 0.1 %
Ra: 35.2	AvgR: 20.7				
R1: 42.8	R2: 46.4	R3: 38.1	R4: 9.0	R5: 40.6	R6: 42.0
R7: 41.7	R8: 21.5	R9: -99.0	R10: -8.2	R11: -14.1	R12: 11.9
R13: 41.5	R14: 69.6	R15: 26.6			
CCT: 4060 K	Flux: 1228.485 lm	PeakWave: 556.5 nm	SDCM: 66.2		
S/P: 1.3	CentralWave: 565.2 nm	DominantWave: 568.2 nm	CentroidWave: 574.5 nm		
HalfWidth: 111.3 nm	duv: 0.05313	purity: 92.8 %	CQS: 19.9		
LER(TM-30): 470.2	Ep: 2612.5 mw	Rg: 33.2	Rf: 26.7		
Red Ep: 684.7 mw	Near red Ep: 34.0 mw	Near infrared Ep: 1.3 mw			

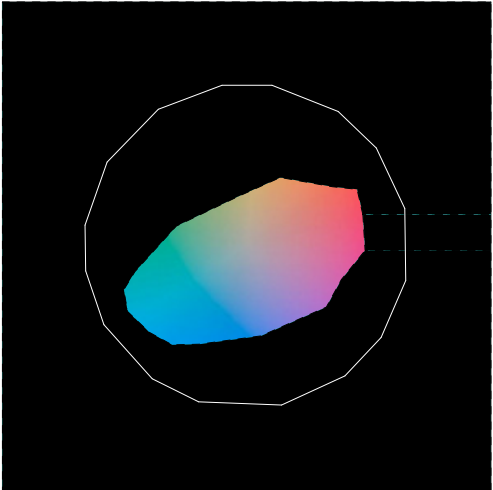
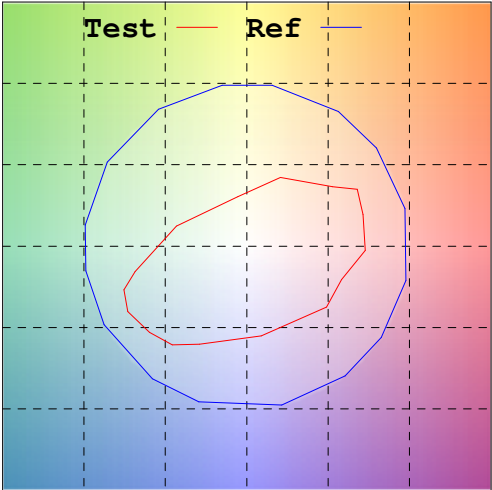
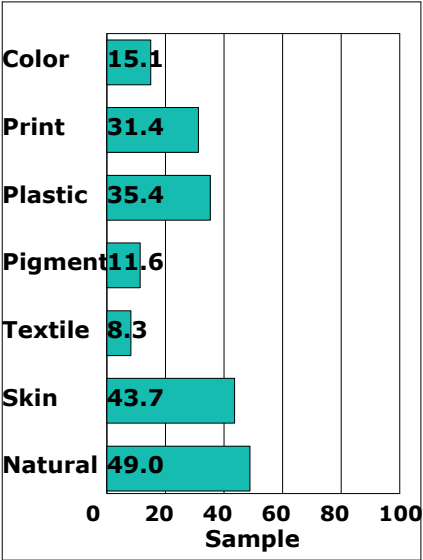
Electrical parameters:

Effic: 20.4 Lm/W	Energy: 22.2	Effi: G	
U: 219.5 V	I: 0.449 A	P: 60.210 W	Pf: 0.615

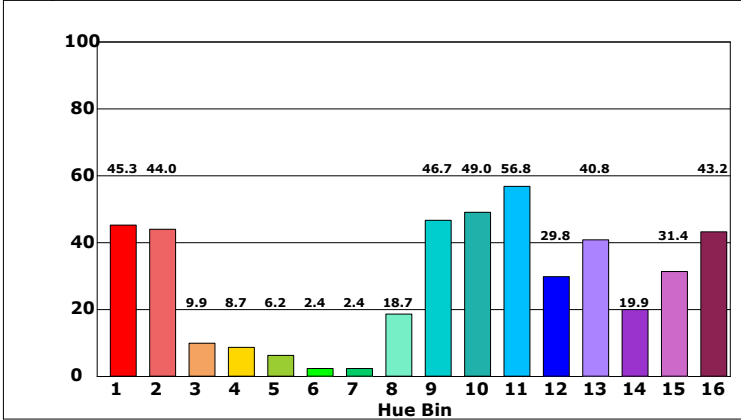
Rf: 26.7 CCT: 4060K u': 0.1936
Rg: 33.2 LER: 470.2 Duv: 0.05313 v': 0.5658



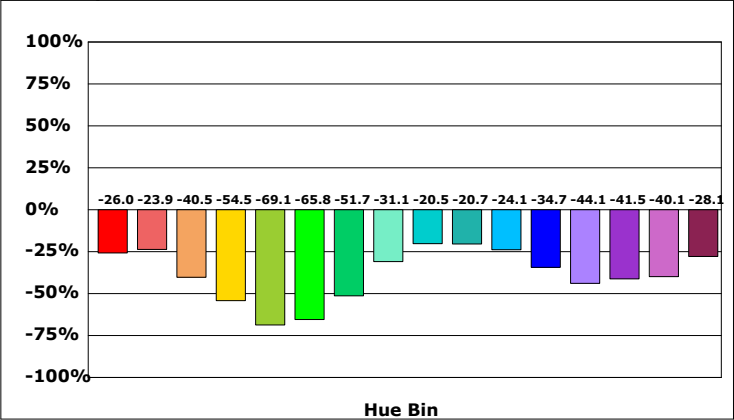
500			
Hue Bin	Rf	Chroma	Hue
1	45.3	-26.0%	1.2%
2	44.0	-23.9%	-14.5%
3	9.9	-40.5%	-22.7%
4	8.7	-54.5%	-16.2%
5	6.2	-69.1%	3.9%
6	2.4	-65.8%	30.7%
7	2.4	-51.7%	46.5%
8	18.7	-31.1%	34.3%
9	46.7	-20.5%	29.6%
10	49.0	-20.7%	19.4%
11	56.8	-24.1%	-1.6%
12	29.8	-34.7%	-6.5%
13	40.8	-44.1%	-4.1%
14	19.9	-41.5%	13.9%
15	31.4	-40.1%	16.1%
16	43.2	-28.1%	13.2%



Rf by Bue



Chroma by Bue



Product model:
Product number:
Tester:
Remarks:

Manufacturer: Guangzhou Hotion Technology Co.,
Test unit:
Date of observation: 03/19/14

