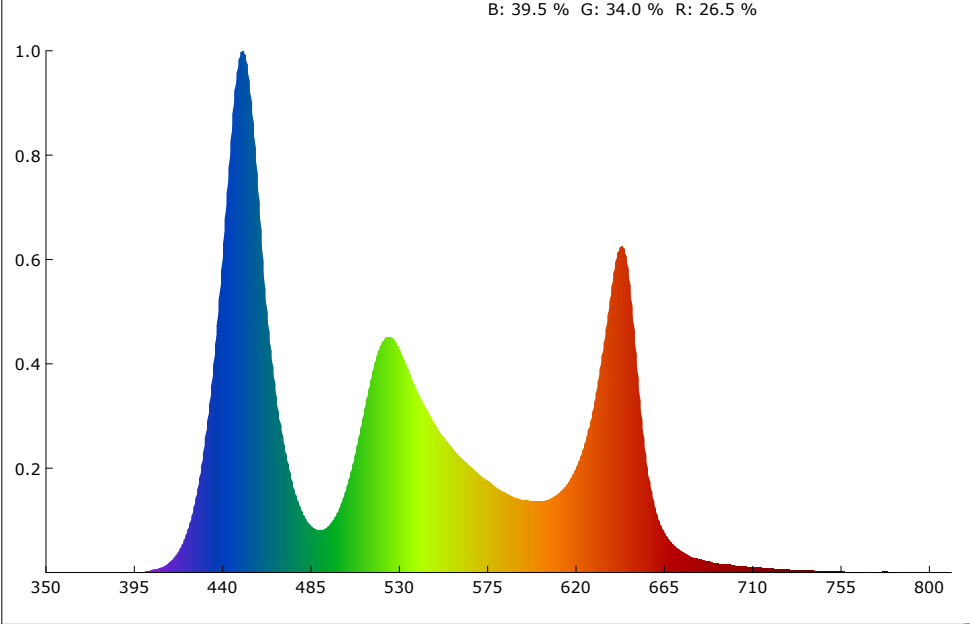
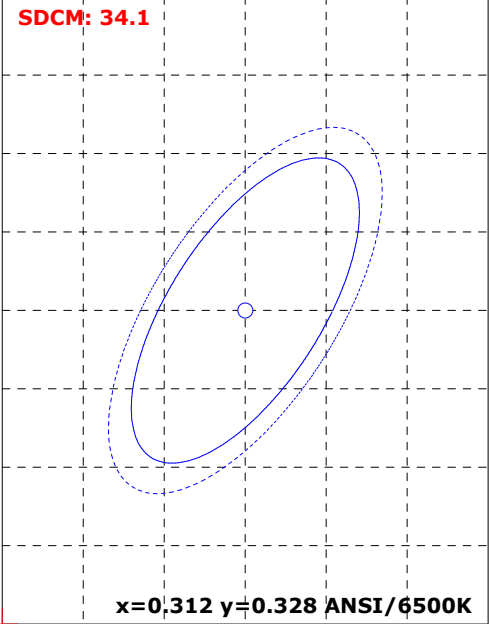


Spectrogram



SDCM



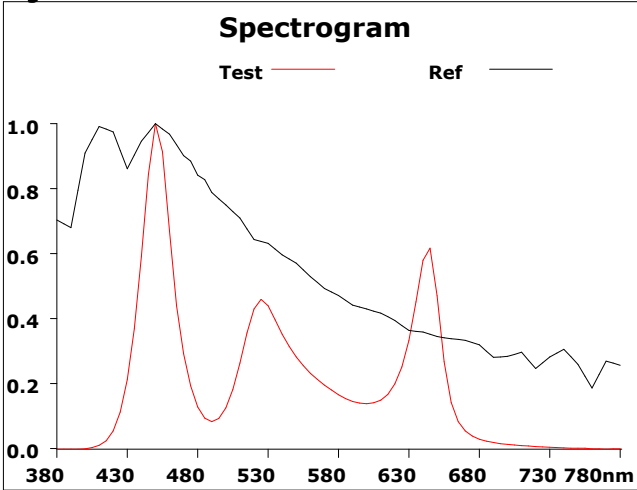
Color Parameter:

x: 0.2736	y: 0.2636	u: 0.1949	v: 0.2816	u': 0.1949	v': 0.4224
R_ratio: 26.5 %	G_ratio: 34.0 %	B_ratio: 39.5 %	RedRatio: 15.8 %	GreenRatio: 79.0 %	BlueRatio: 5.3 %
Ra: 72.3	AvgR: 61.5				
R1: 76.4	R2: 92.9	R3: 55.8	R4: 66.3	R5: 86.0	R6: 86.8
R7: 73.0	R8: 41.2				
R9: -66.5	R10: 76.7	R11: 60.7	R12: 58.5	R13: 83.6	R14: 73.3
R15: 58.2					
CCT: 13469 K	Flux: 912.252 lm	PeakWave: 450.6 nm	SDCM: 34.1		
S/P: 2.8	CentralWave: 450.8 nm	DominantWave: 473.6 nm	CentroidWave: 533.8 nm		
HalfWidth: 24.5 nm	duv: -0.00888	purity: 27.2 %	CQS: 87.0		
LER(TM-30): 243.3	Ep: 3749.8 mw	Rg: 113.6	Rf: 72.5		
Red Ep: 988.4 mw	Near red Ep: 21.0 mw	Near infrared Ep: 0.3 mw			

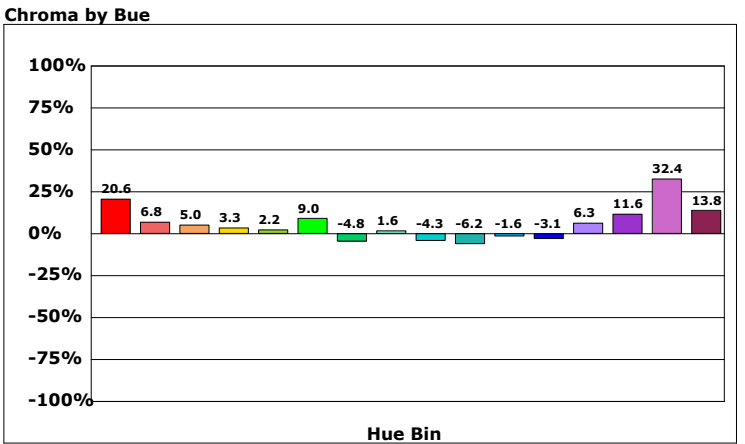
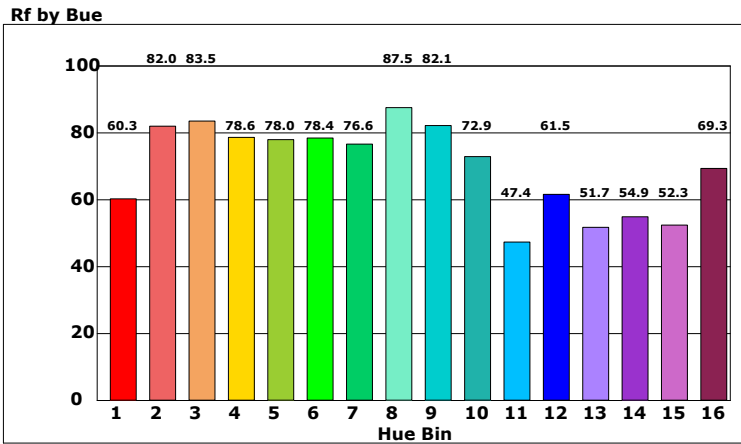
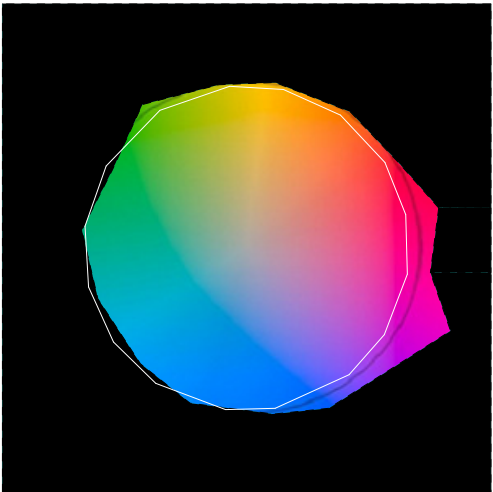
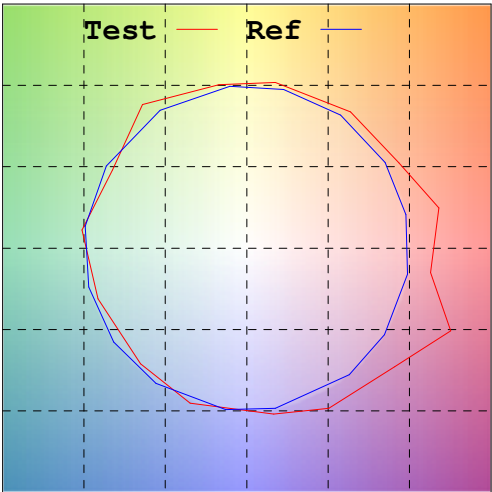
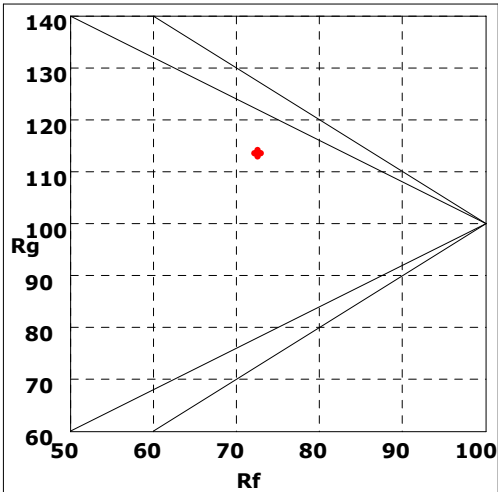
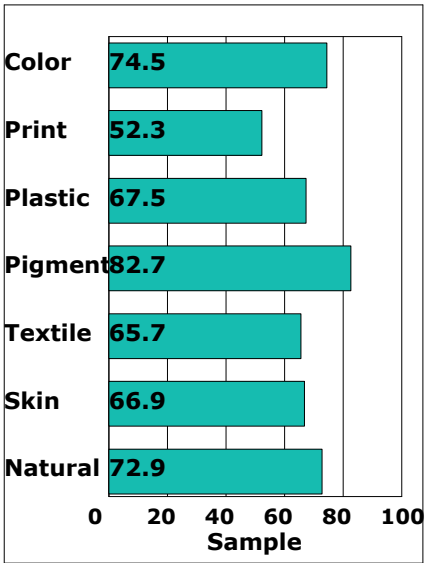
Electrical parameters:

Effic: 7.2 Lm/W	Energy: 7.8	Effi: G	
U: 219.8 V	I: 0.866 A	P: 127.200 W	Pf: 0.667

Rf: 72.5 CCT: 13469K u': 0.1949
Rg: 113.6 LER: 243.3 Duv: -0.00888 v': 0.4224



500			
Hue Bin	Rf	Chroma	Hue
1	60.3	20.6%	0.2%
2	82.0	6.8%	-4.9%
3	83.5	5.0%	-4.0%
4	78.6	3.3%	5.9%
5	78.0	2.2%	6.3%
6	78.4	9.0%	7.1%
7	76.6	-4.8%	0.1%
8	87.5	1.6%	2.6%
9	82.1	-4.3%	8.3%
10	72.9	-6.2%	20.3%
11	47.4	-1.6%	24.2%
12	61.5	-3.1%	29.5%
13	51.7	6.3%	32.2%
14	54.9	11.6%	25.8%
15	52.3	32.4%	24.6%
16	69.3	13.8%	3.7%



Product model:
Product number:
Tester:
Remarks:

Manufacturer: Guangzhou Hotion Technology Co.,
Test unit:
Date of observation: 03/17/14

