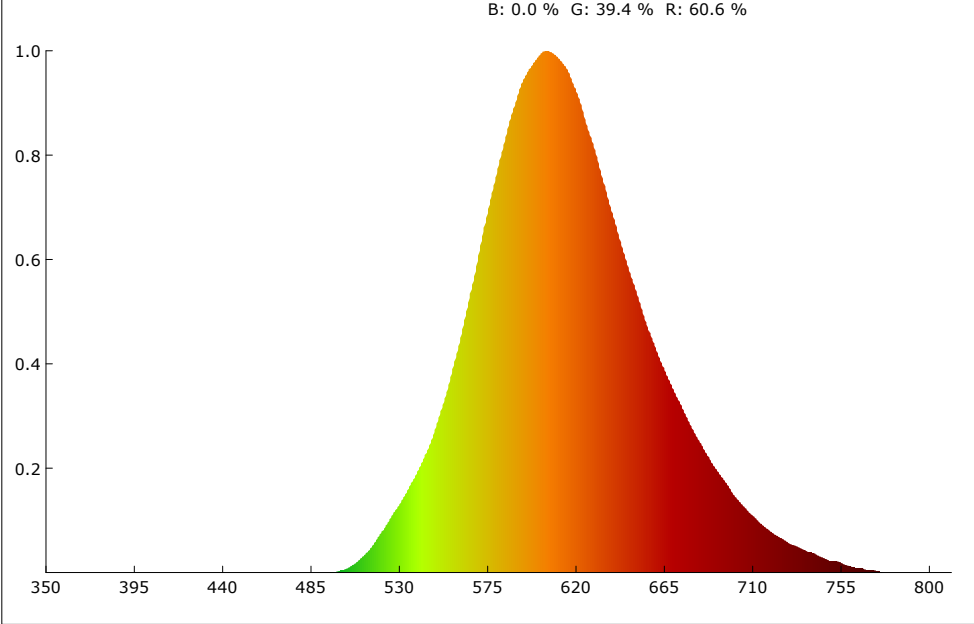
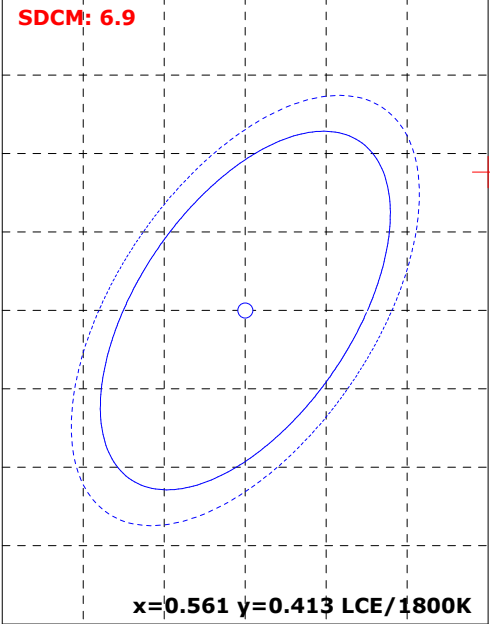


Spectrogram



SDCM



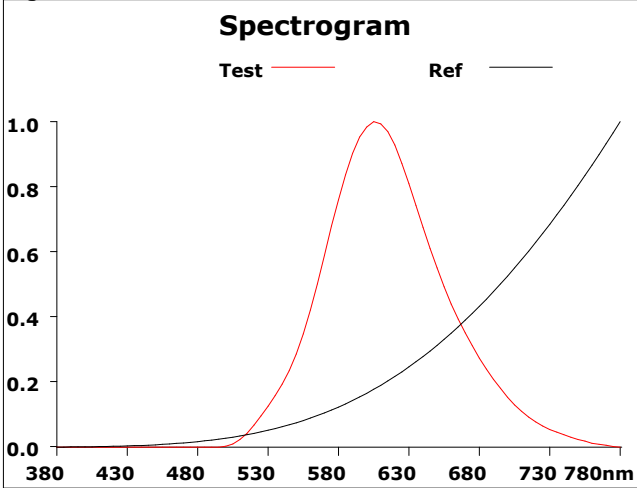
Color Parameter:

x: 0.5688	y: 0.4288	u: 0.3247	v: 0.3671	u': 0.3247	v': 0.5507		
R_ratio: 60.6 %	G_ratio: 39.4 %	B_ratio: 0.0 %	RedRatio: 32.1 %	GreenRatio: 67.9 %	BlueRatio: 0.0 %		
Ra: 51.9		AvgR: 39.5					
R1: 46.3	R2: 70.8	R3: 82.2	R4: 35.8	R5: 40.9	R6: 58.6	R7: 65.0	R8: 15.6
R9: -69.4	R10: 40.0	R11: 16.2	R12: 13.9	R13: 48.1	R14: 90.3	R15: 38.9	
CCT: 1781 K		Flux: 583.973 lm	PeakWave: 607.7 nm	SDCM: 6.9			
S/P: 0.5		CentralWave: 609.3 nm	DominantWave: 589.1 nm	CentroidWave: 615.3 nm			
HalfWidth: 89.2 nm		duv: 0.00685	purity: 99.5 %	CQS: 1.0			
LER(TM-30): 330.8		Ep: 1765.4 mw	Rg: 6.5	Rf: 11.4			
Red Ep: 1028.6 mw		Near red Ep: 68.3 mw	Near infrared Ep: 0.0 mw				

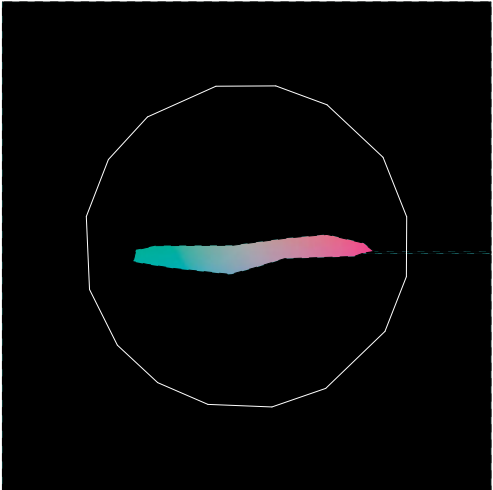
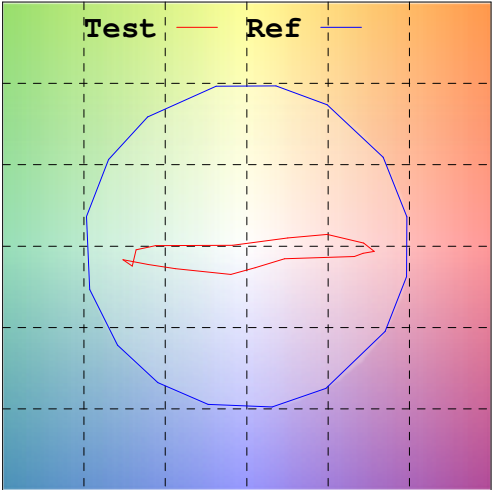
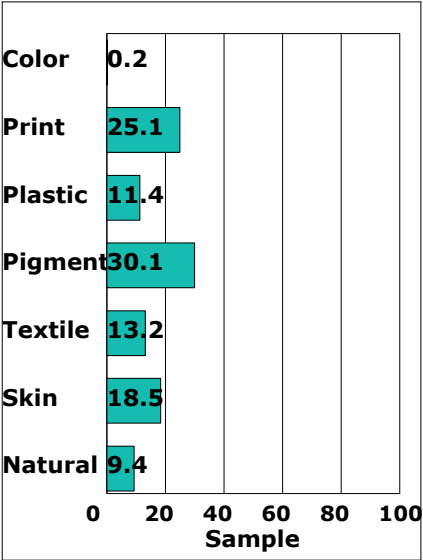
Electrical parameters:

Effic: 9.9 Lm/W	Energy: 10.8	Effi: G	
U: 219.4 V	I: 0.450 A	P: 58.980 W	Pf: 0.620

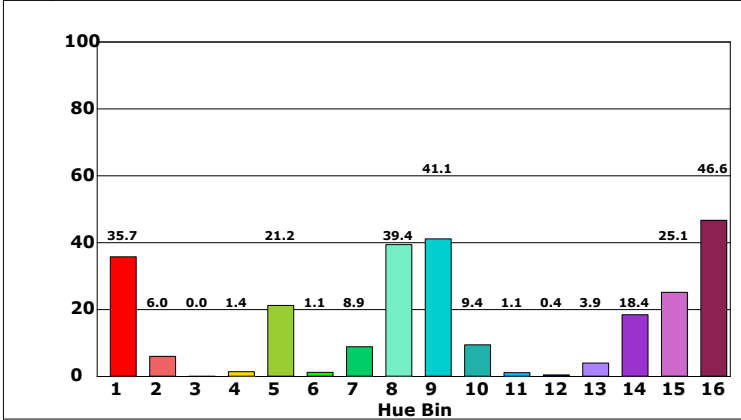
Rf: 11.4 CCT: 1781K u': 0.3247
Rg: 6.5 LER: 330.8 Duv: 0.00685 v': 0.5507



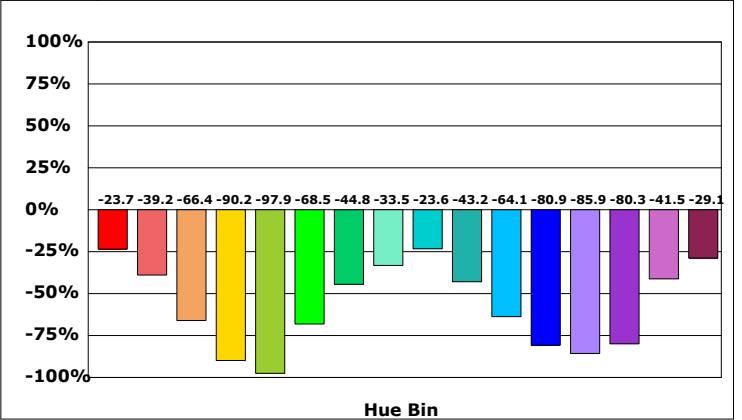
500			
Hue Bin	Rf	Chroma	Hue
1	35.7	-23.7%	-17.1%
2	6.0	-39.2%	-37.3%
3	0.0	-66.4%	-44.2%
4	1.4	-90.2%	-25.4%
5	21.2	-97.9%	9.3%
6	1.1	-68.5%	39.8%
7	8.9	-44.8%	36.7%
8	39.4	-33.5%	24.5%
9	41.1	-23.6%	-14.1%
10	9.4	-43.2%	-30.7%
11	1.1	-64.1%	-29.9%
12	0.4	-80.9%	-1.7%
13	3.9	-85.9%	6.6%
14	18.4	-80.3%	23.1%
15	25.1	-41.5%	27.8%
16	46.6	-29.1%	8.9%



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

