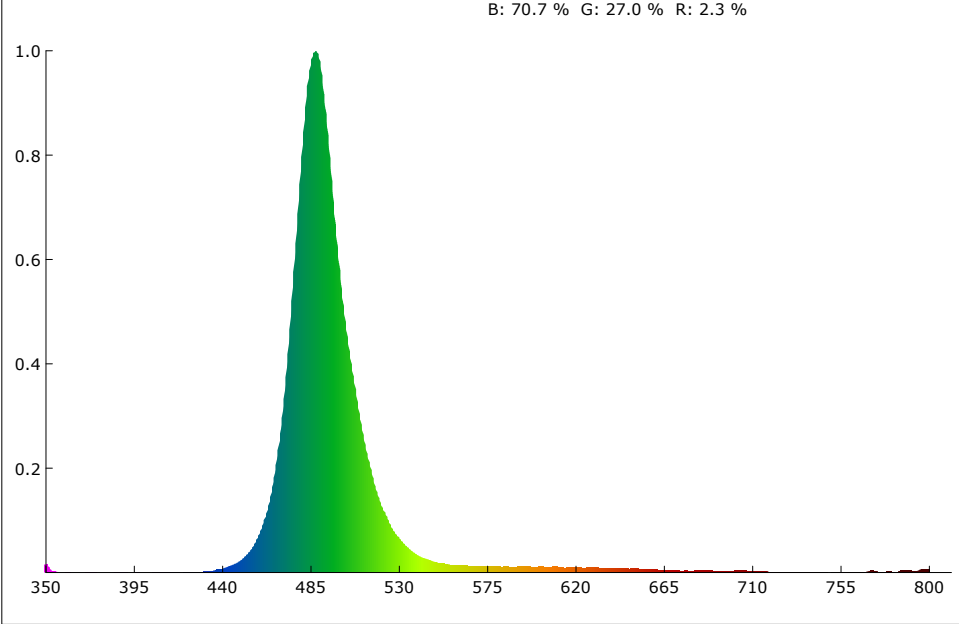
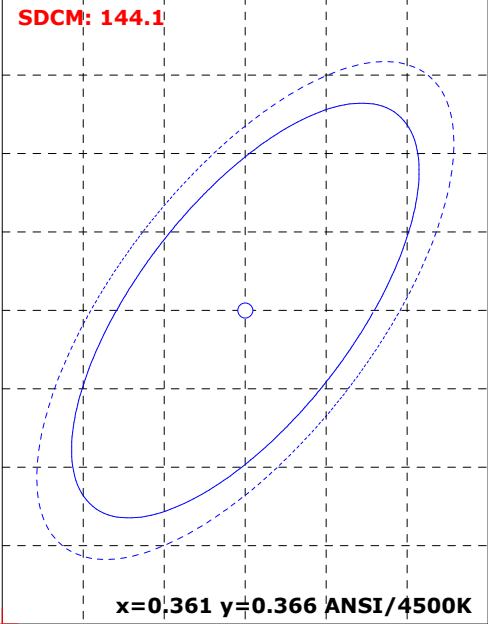


Spectrogram



SDCM



Color Parameter:

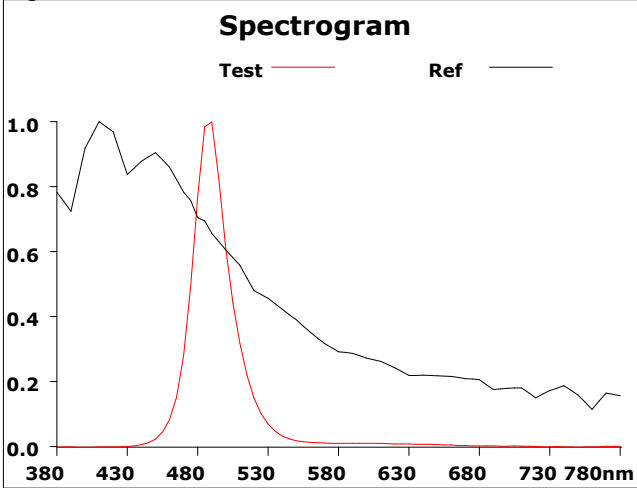
x: 0.1038	y: 0.3099	u: 0.0638	v: 0.2856	u': 0.0638	v': 0.4284		
R_ratio: 2.3 %	G_ratio: 27.0 %	B_ratio: 70.7 %	RedRatio: 1.9 %	GreenRatio: 72.8 %	BlueRatio: 25.2 %		
Ra: -11.0 AvgR: -22.5							
R1: 8.4	R2: -1.3	R3: -56.6	R4: -42.1	R5: 25.9	R6: -10.4	R7: -8.7	R8: -3.8
R9: -99.0	R10: -99.0	R11: -47.6	R12: -14.8	R13: -9.0	R14: 11.5	R15: 8.6	

CCT: 99999 K	Flux: 416.255 lm	PeakWave: 487.6 nm	SDCM: 144.1
S/P: 7.3	CentralWave: 489.0 nm	DominantWave: 490.4 nm	CentroidWave: 498.1 nm
HalfWidth: 26.9 nm	duv: 0.00687	purity: 79.2 %	CQS: 4.2
LER(TM-30): 191.3	Ep: 2175.6 mw	Rg: 23.0	Rf: 3.1
Red Ep: 49.2 mw	Near red Ep: 11.9 mw	Near infrared Ep: 5.8 mw	

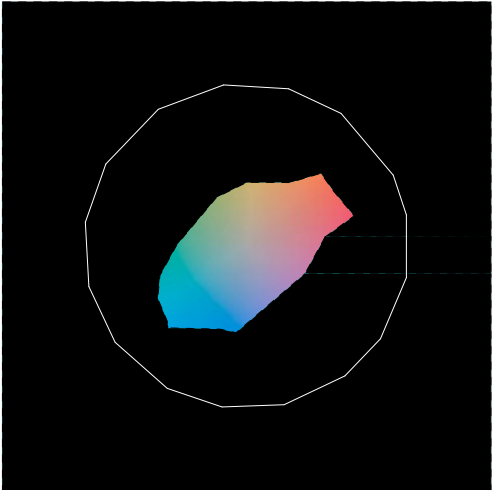
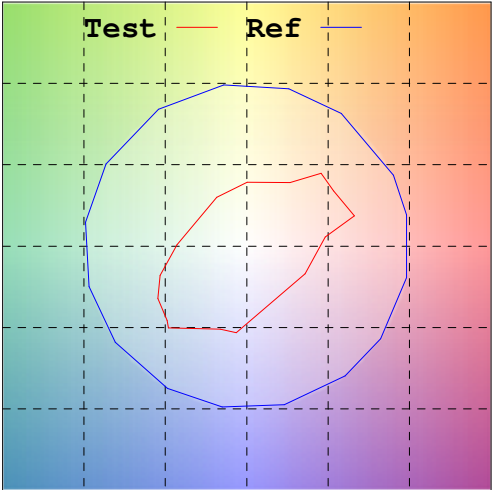
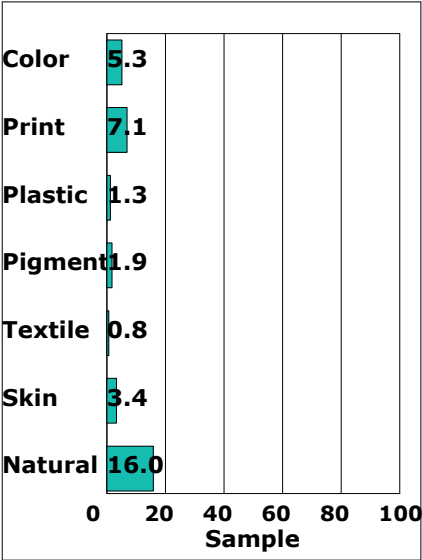
Electrical parameters:

Effic: 6.9 lm/W	Energy: 7.5	Effi: G	
U: 219.6 V	I: 0.455 A	P: 60.060 W	Pf: 0.619

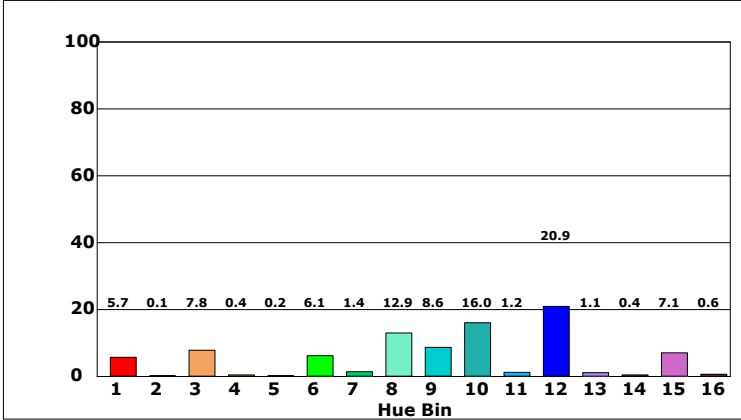
Rf: 3.1 CCT: 99999K u': 0.0638
Rg: 23.0 LER: 191.3 Duv: 0.00687 v': 0.4284



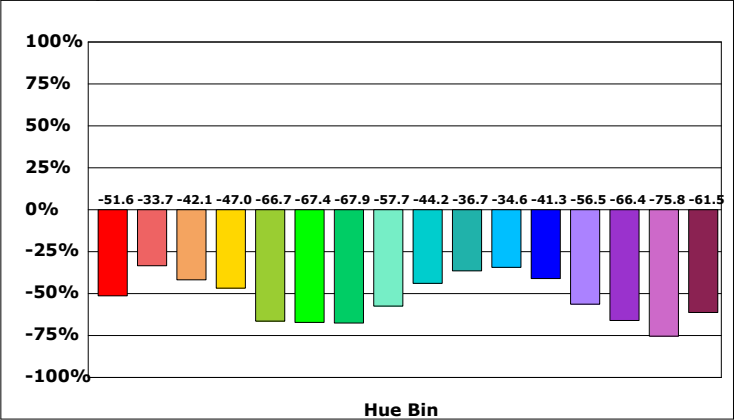
500			
Hue Bin	Rf	Chroma	Hue
1	5.7	-51.6%	-3.6%
2	0.1	-33.7%	-7.4%
3	7.8	-42.1%	-22.6%
4	0.4	-47.0%	-29.6%
5	0.2	-66.7%	-28.2%
6	6.1	-67.4%	-20.4%
7	1.4	-67.9%	-20.8%
8	12.9	-57.7%	2.6%
9	8.6	-44.2%	1.7%
10	16.0	-36.7%	-7.8%
11	1.2	-34.6%	-23.3%
12	20.9	-41.3%	-41.9%
13	1.1	-56.5%	-44.8%
14	0.4	-66.4%	-47.9%
15	7.1	-75.8%	-46.1%
16	0.6	-61.5%	-9.8%



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

