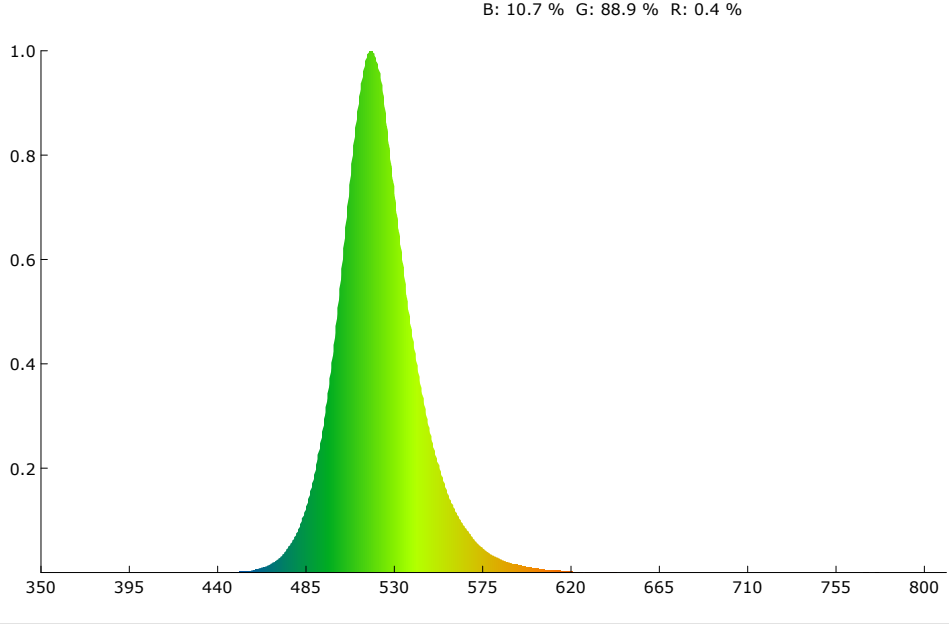
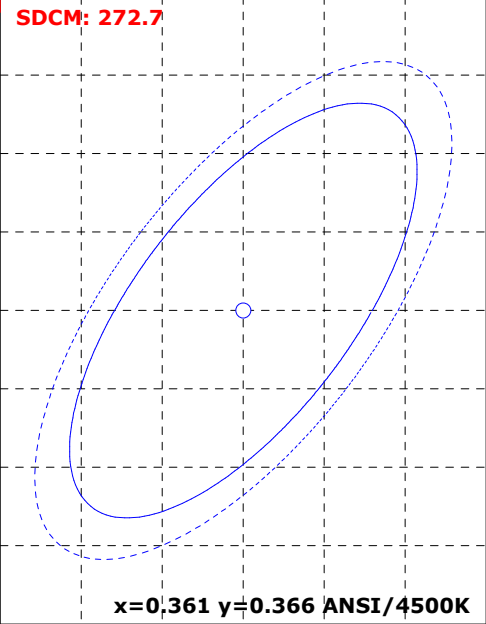


Spectrogram



SDCM



Color Parameter:

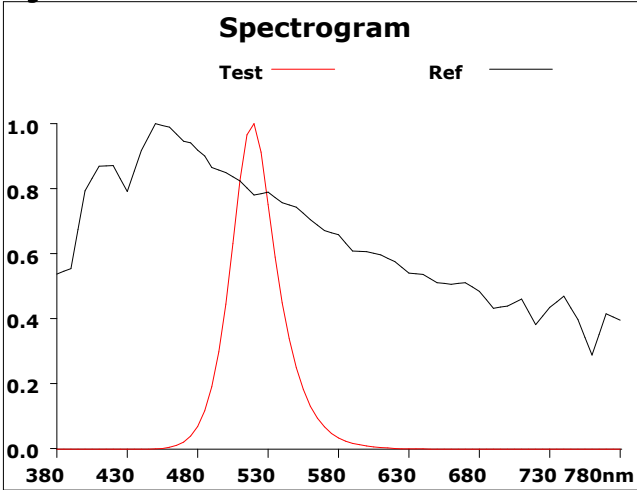
x: 0.1605	y: 0.7024	u: 0.0578	v: 0.3794	u': 0.0578	v': 0.5691		
R_ratio: 0.4 %	G_ratio: 88.9 %	B_ratio: 10.7 %	RedRatio: 0.2 %	GreenRatio: 98.7 %	BlueRatio: 1.0 %		
Ra: -19.7 AvgR: -32.1							
R1: -34.4	R2: -2.2	R3: -10.2	R4: -58.3	R5: -7.3	R6: -11.0	R7: -3.0	R8: -31.2
R9: -99.0	R10: -92.2	R11: -85.2	R12: -22.4	R13: -38.6	R14: 45.3	R15: -32.0	

CCT: 8129 K	Flux: 1414.325 lm	PeakWave: 518.7 nm	SDCM: 272.7
S/P: 3.0	CentralWave: 519.6 nm	DominantWave: 523.3 nm	CentroidWave: 522.6 nm
HalfWidth: 35.8 nm	duv: 0.15746	purity: 74.2 %	CQS: 0.4
LER(TM-30): 463.2	Ep: 3053.3 mw	Rg: 9.7	Rf: 1.2
Red Ep: 11.4 mw	Near red Ep: 0.7 mw	Near infrared Ep: 0.2 mw	

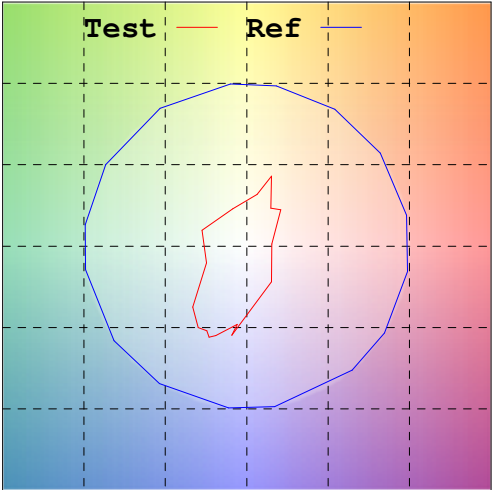
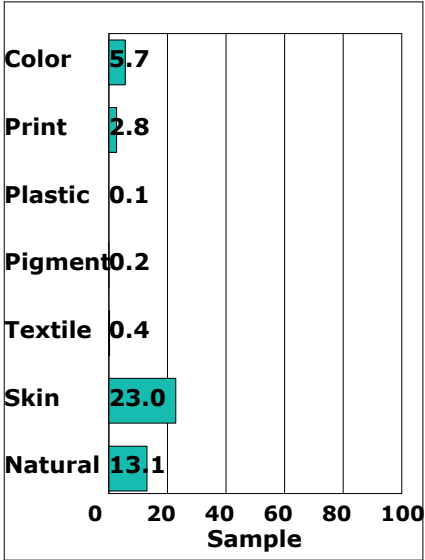
Electrical parameters:

Effic: 15.9 lm/W	Energy: 17.3	Effi: G	
U: 219.8 V	I: 0.641 A	P: 88.800 W	Pf: 0.630

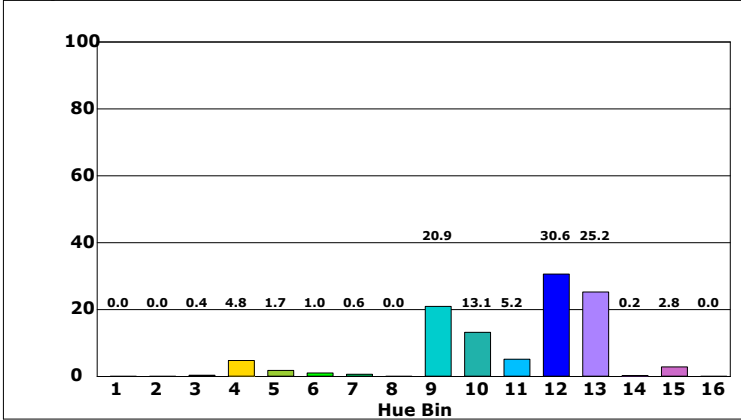
Rf: 1.2 CCT: 8129K u': 0.0578
Rg: 9.7 LER: 463.2 Duv: 0.15746 v': 0.5691



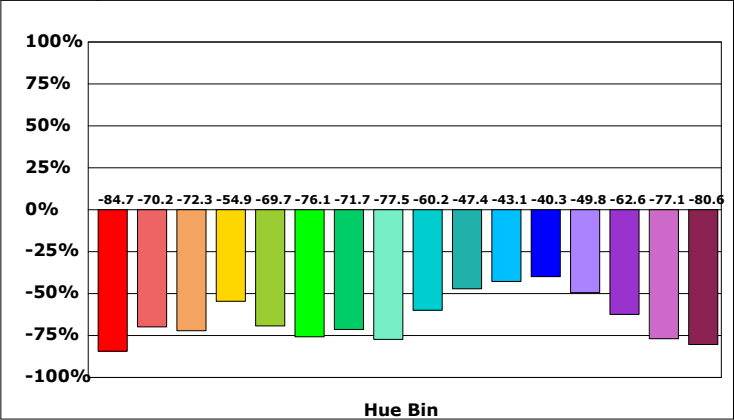
500			
Hue Bin	Rf	Chroma	Hue
1	0.0	-84.7%	-1.1%
2	0.0	-70.2%	5.0%
3	0.4	-72.3%	-1.2%
4	4.8	-54.9%	-7.9%
5	1.7	-69.7%	-2.9%
6	1.0	-76.1%	-2.7%
7	0.6	-71.7%	0.8%
8	0.0	-77.5%	8.4%
9	20.9	-60.2%	35.3%
10	13.1	-47.4%	22.0%
11	5.2	-43.1%	6.1%
12	30.6	-40.3%	-20.1%
13	25.2	-49.8%	-26.9%
14	0.2	-62.6%	-43.0%
15	2.8	-77.1%	-53.2%
16	0.0	-80.6%	-22.3%



Rf by Hue



Chroma by Hue



Product model:
Product number:
Tester:
Remarks:

Manufacturer: Guangzhou Hotion Technology Co.,
Test unit:
Date of observation: 02/03/13

