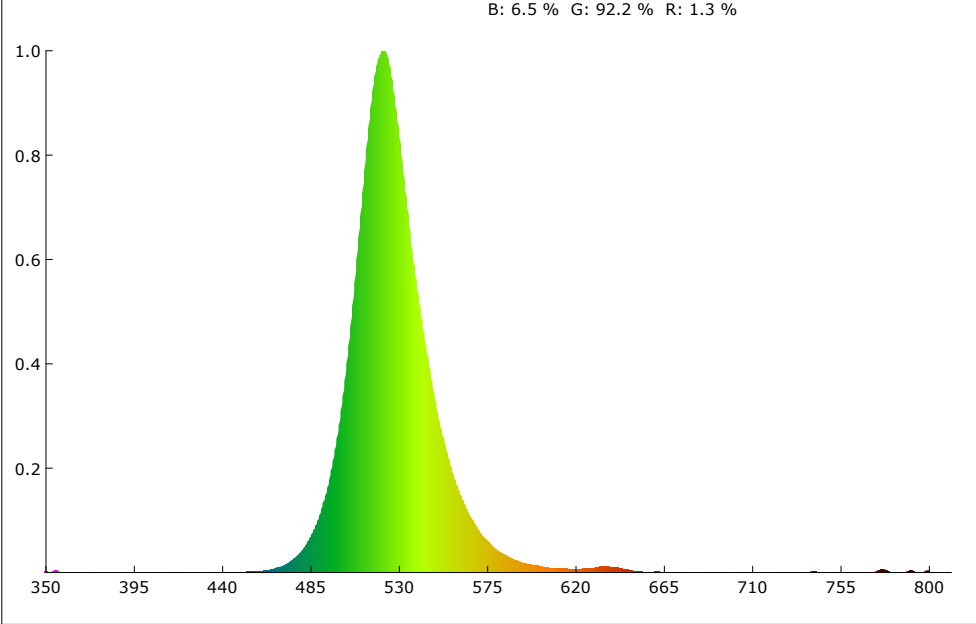
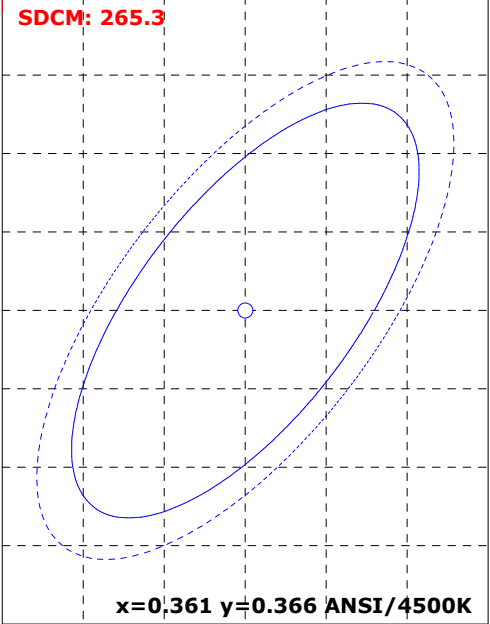


Spectrogram



SDCM



Color Parameter:

x: 0.1860 y: 0.7160 u: 0.0663 v: 0.3829 u': 0.0663 v': 0.5743
R_ratio: 1.3 % G_ratio: 92.2 % B_ratio: 6.5 % RedRatio: 0.5 % GreenRatio: 98.9 % BlueRatio: 0.5 %

Ra: -19.7 AvgR: -32.8
R1: -31.2 R2: -4.4 R3: -15.0 R4: -62.2 R5: -8.2 R6: -8.9 R7: -0.3 R8: -27.9
R9: -99.0 R10: -95.9 R11: -90.4 R12: -23.8 R13: -36.4 R14: 42.5 R15: -31.1

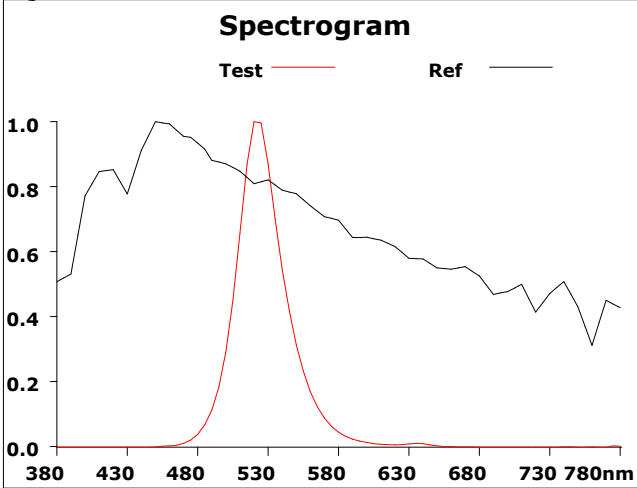
CCT: 7625 K Flux: 503.973 lm PeakWave: 522.6 nm SDCM: 265.3
S/P: 2.7 CentralWave: 523.9 nm DominantWave: 529.5 nm CentroidWave: 528.3 nm
HalfWidth: 34.5 nm duv: 0.15194 purity: 80.6 % CQS: 0.5
LER(TM-30): 495.2 Ep: 1017.8 mw Rg: 10.9 Rf: 1.5
Red Ep: 13.0 mw Near red Ep: 1.9 mw Near infrared Ep: 0.9 mw

Electrical parameters:

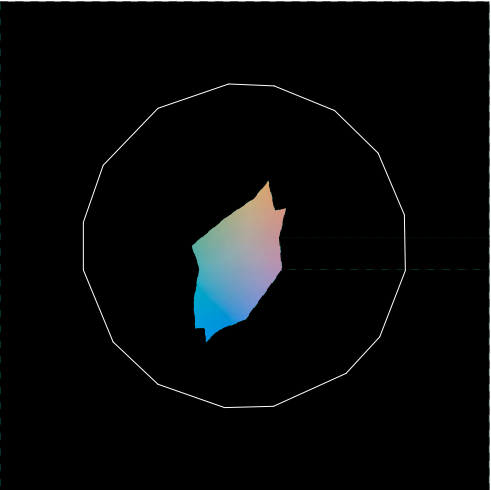
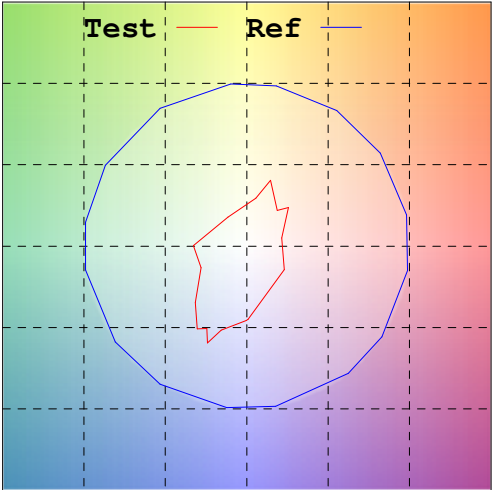
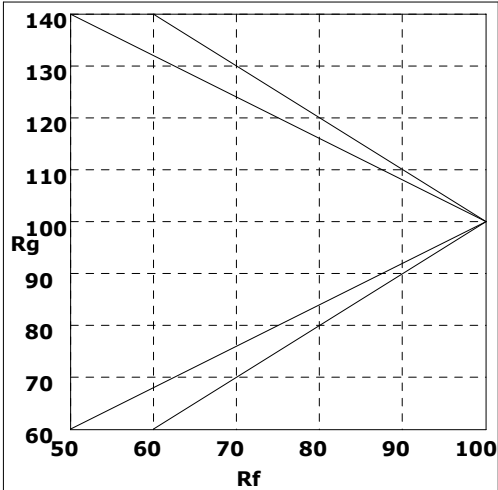
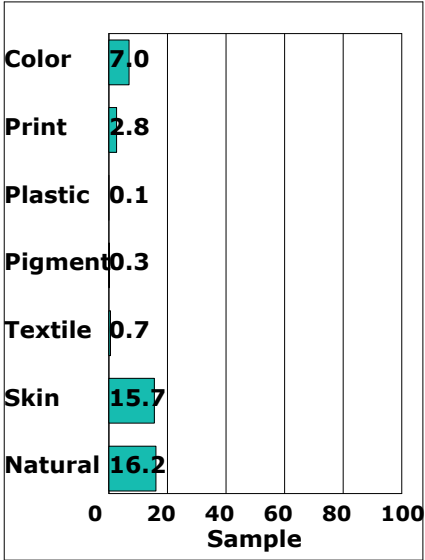
Effic: 9.5 Lm/W Energy: 10.3 Effi: G
U: 220.1 V I: 0.394 A P: 53.040 W Pf: 0.611

Product model: Manufacturer: Guangzhou Hotion Technology Co.,
Product number: Test unit:
Tester: Date of observation: 03/17/14
Remarks:

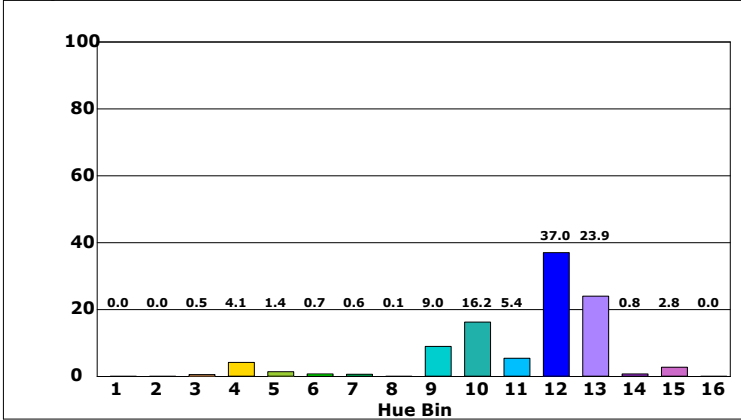
Rf: 1.5 CCT: 7625K u': 0.0663
Rg: 10.9 LER: 495.2 Duv: 0.15194 v': 0.5743



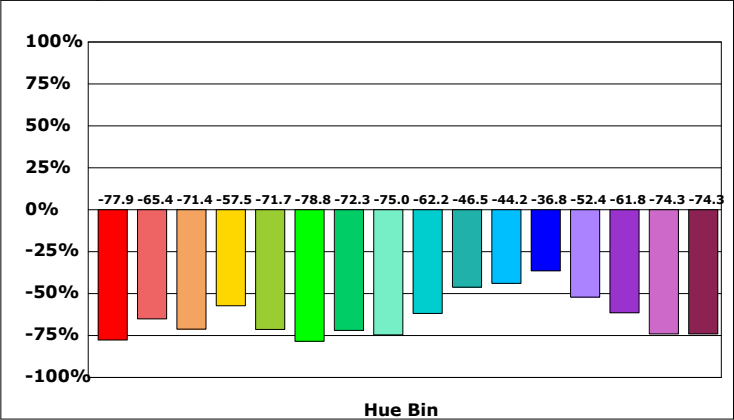
500			
Hue Bin	Rf	Chroma	Hue
1	0.0	-77.9%	0.9%
2	0.0	-65.4%	3.5%
3	0.5	-71.4%	-3.8%
4	4.1	-57.5%	-7.8%
5	1.4	-71.7%	-1.3%
6	0.7	-78.8%	2.5%
7	0.6	-72.3%	10.9%
8	0.1	-75.0%	13.4%
9	9.0	-62.2%	32.8%
10	16.2	-46.5%	21.3%
11	5.4	-44.2%	4.9%
12	37.0	-36.8%	-19.2%
13	23.9	-52.4%	-23.6%
14	0.8	-61.8%	-34.1%
15	2.8	-74.3%	-36.8%
16	0.0	-74.3%	-14.2%



Rf by Bue



Chroma by Bue



Product model:
Product number:
Tester:
Remarks:

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

