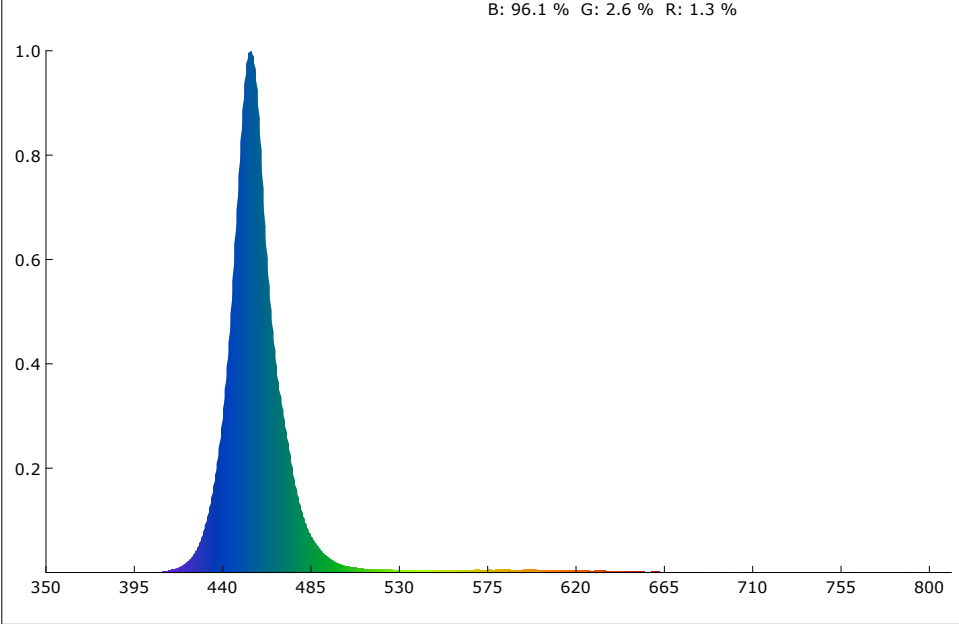
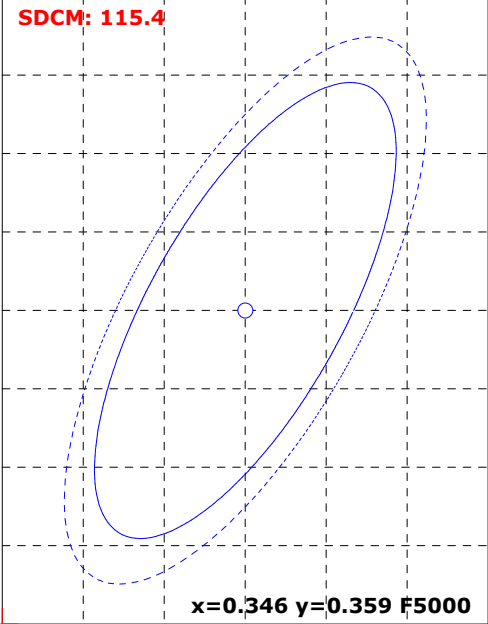


Spectrogram



SDCM



Color Parameter:

x: 0.1539 y: 0.0424 u: 0.1923 v: 0.0795 u': 0.1923 v': 0.1192
R_ratio: 1.3 % G_ratio: 2.6 % B_ratio: 96.1 % RedRatio: 4.4 % GreenRatio: 28.2 % BlueRatio: 67.4 %

Ra: -39.0 AvgR: -39.7
R1: 47.2 R2: -33.5 R3: -99.0 R4: -83.7 R5: 49.6 R6: -31.6 R7: -57.0 R8: -37.4
R9: -99.0 R10: -99.0 R11: -99.0 R12: -84.0 R13: 20.1 R14: -35.6 R15: 46.2

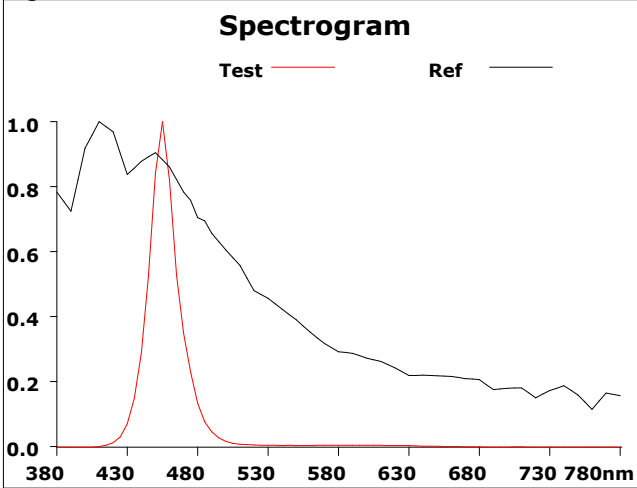
CCT: 99999 K Flux: 452.188 lm PeakWave: 454.5 nm SDCM: 115.4
S/P: 16.1 CentralWave: 454.9 nm DominantWave: 459.2 nm CentroidWave: 461.3 nm
HalfWidth: 20.0 nm duv: 0.15884 purity: 95.4 % CQS: 0.4
LER(TM-30): 54.6 Ep: 8283.6 mw Rg: 172.0 Rf: 21.7
Red Ep: 104.4 mw Near red Ep: 7.2 mw Near infrared Ep: 1.7 mw

Electrical parameters:

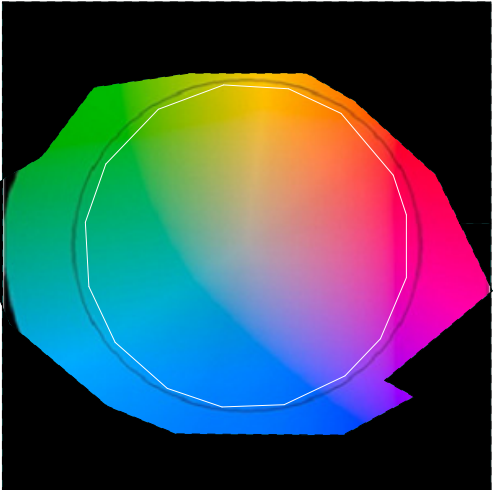
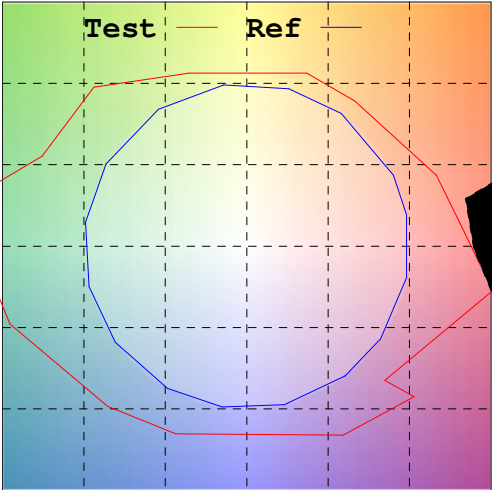
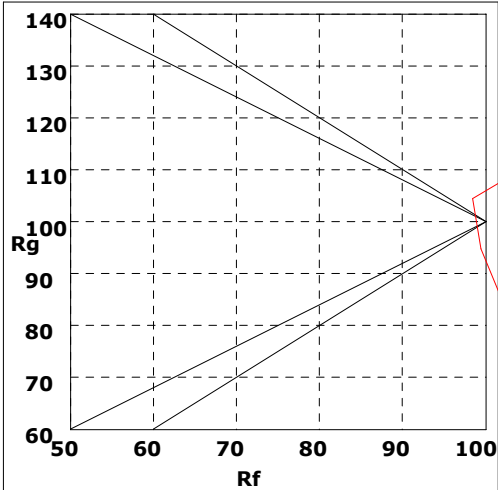
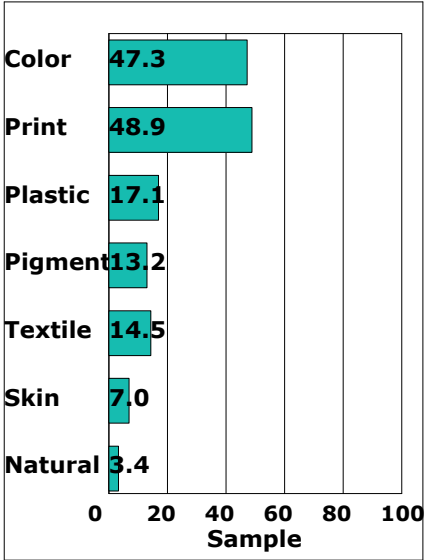
Effic: 7.7 Lm/W Energy: 8.4 Effi: G
U: 220.5 V I: 0.431 A P: 58.550 W Pf: 0.615

Product model: Manufacturer: Guangzhou Hotion Technology Co.,
Product number: Test unit:
Tester: Date of observation: 07/16/14
Remarks:

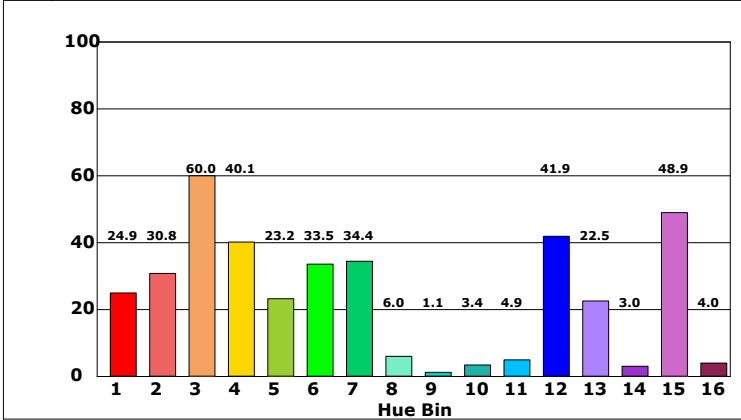
Rf: 21.7 CCT: 99999K u': 0.1923
Rg: 172.0 LER: 54.6 Duv: 0.15884 v': 0.1192



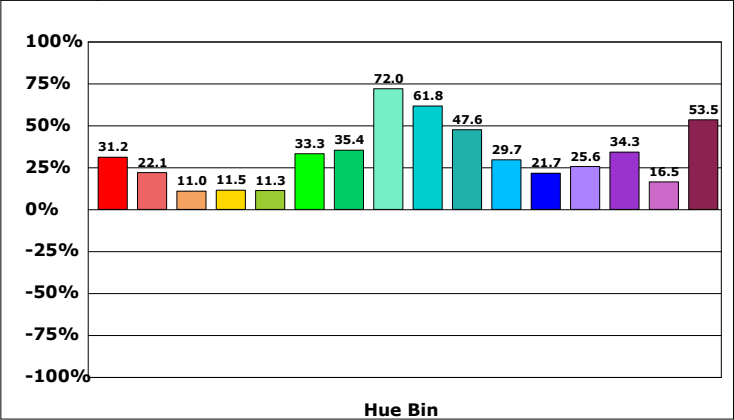
500			
Hue Bin	Rf	Chroma	Hue
1	24.9	31.2%	-11.4%
2	30.8	22.1%	-14.6%
3	60.0	11.0%	-2.6%
4	40.1	11.5%	-9.0%
5	23.2	11.3%	19.4%
6	33.5	33.3%	25.5%
7	34.4	35.4%	18.0%
8	6.0	72.0%	-0.5%
9	1.1	61.8%	-35.9%
10	3.4	47.6%	-45.3%
11	4.9	29.7%	-24.4%
12	41.9	21.7%	-24.6%
13	22.5	25.6%	32.0%
14	3.0	34.3%	28.1%
15	48.9	16.5%	-19.8%
16	4.0	53.5%	2.4%



Rf by Bue



Chroma by Bue



Product model:
Product number:
Tester:
Remarks:

Manufacturer: Guangzhou Hotion Technology Co.,
Test unit:
Date of observation: 07/16/14

