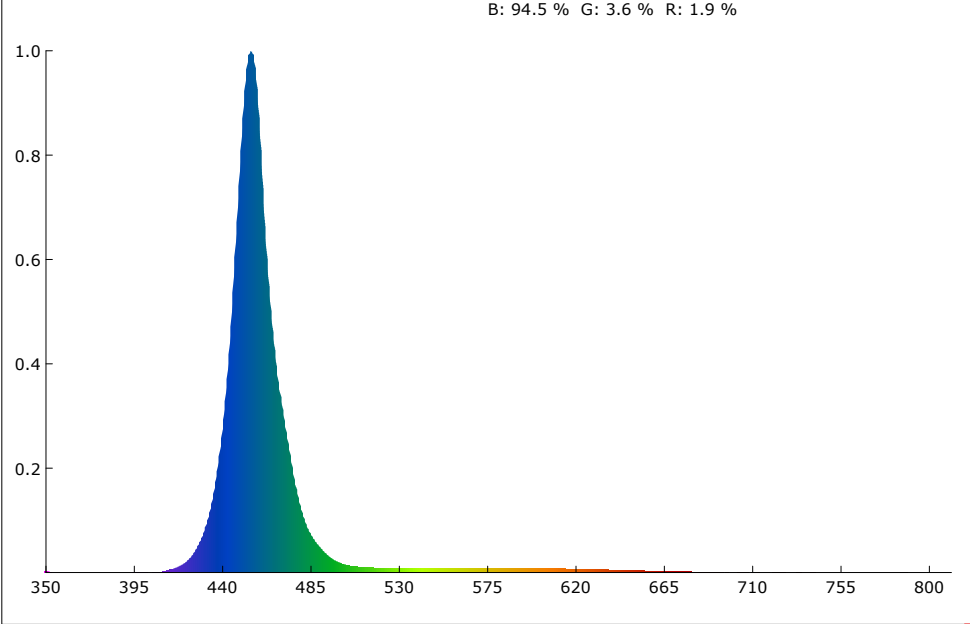
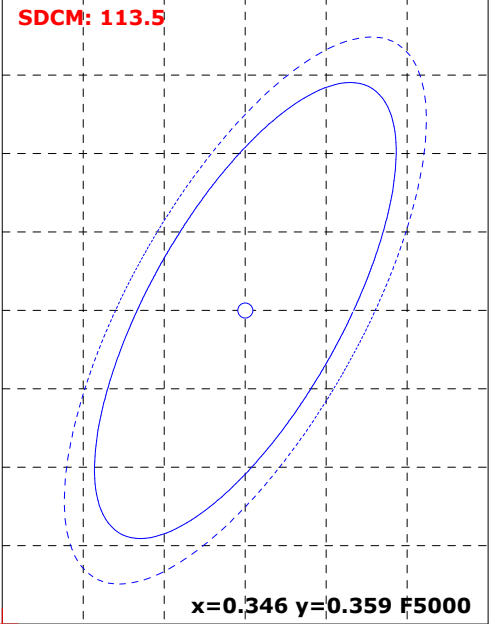


Spectrogram



SDCM



Color Parameter:

x: 0.1567 y: 0.0478 u: 0.1923 v: 0.0880 u': 0.1923 v': 0.1320
R_ratio: 1.9 % G_ratio: 3.6 % B_ratio: 94.5 % RedRatio: 5.7 % GreenRatio: 34.7 % BlueRatio: 59.6 %

Ra: -32.3 AvgR: -30.7
R1: 64.9 R2: -33.7 R3: -99.0 R4: -76.1 R5: 63.4 R6: -26.6 R7: -54.4 R8: -31.8
R9: -51.9 R10: -99.0 R11: -88.7 R12: -76.7 R13: 27.5 R14: -33.8 R15: 55.8

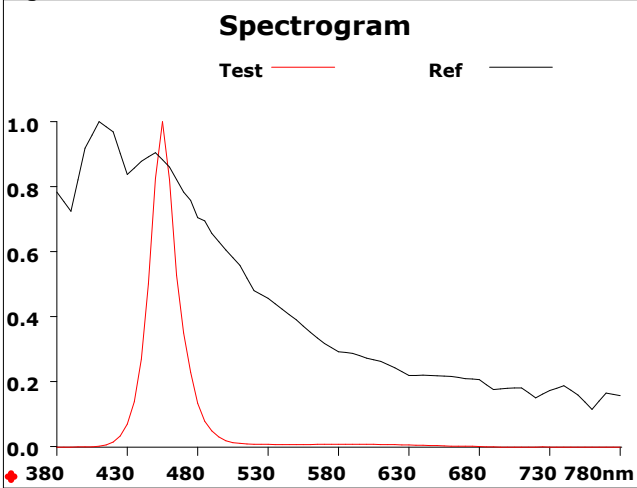
CCT: 99999 K Flux: 143.900 lm PeakWave: 454.5 nm SDCM: 113.5
S/P: 14.4 CentralWave: 455.1 nm DominantWave: 459.4 nm CentroidWave: 463.6 nm
HalfWidth: 19.7 nm duv: 0.15703 purity: 93.7 % CQS: 0.5
LER(TM-30): 61.0 Ep: 2360.4 mw Rg: 151.2 Rf: 42.9
Red Ep: 44.8 mw Near red Ep: 3.0 mw Near infrared Ep: 0.5 mw

Electrical parameters:

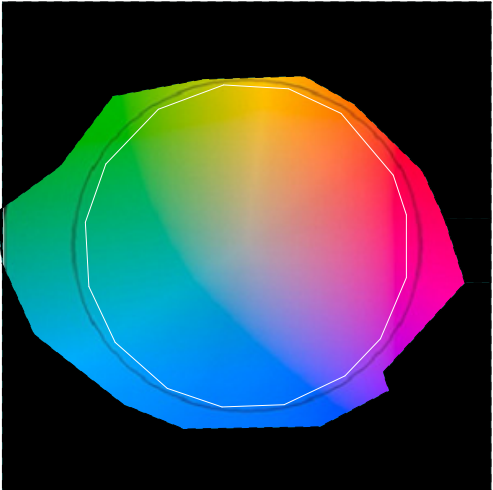
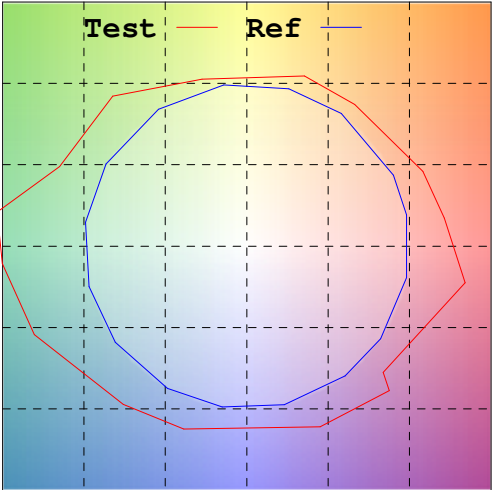
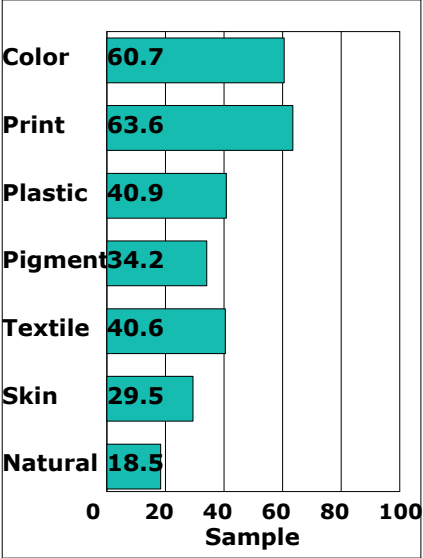
Effic: 2.3 Lm/W Energy: 2.6 Effi: G
U: 219.4 V I: 0.454 A P: 61.330 W Pf: 0.616

Product model: Manufacturer: Guangzhou Hotion Technology Co.,
Product number: Test unit:
Tester: Date of observation: 03/19/14
Remarks:

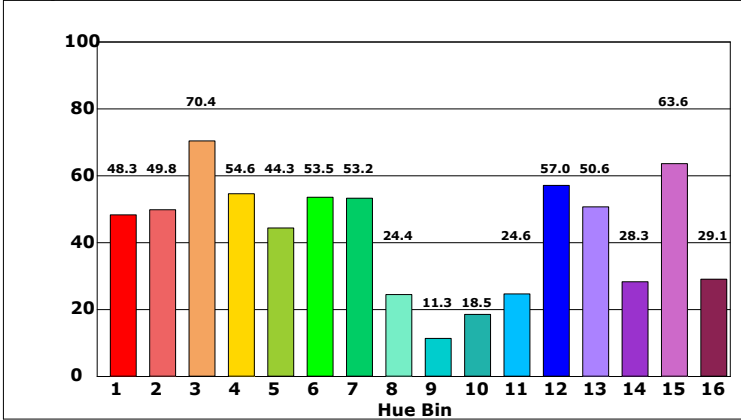
Rf: 42.9 CCT: 99999K u': 0.1923
Rg: 151.2 LER: 61.0 Duv: 0.15703 v': 0.1320



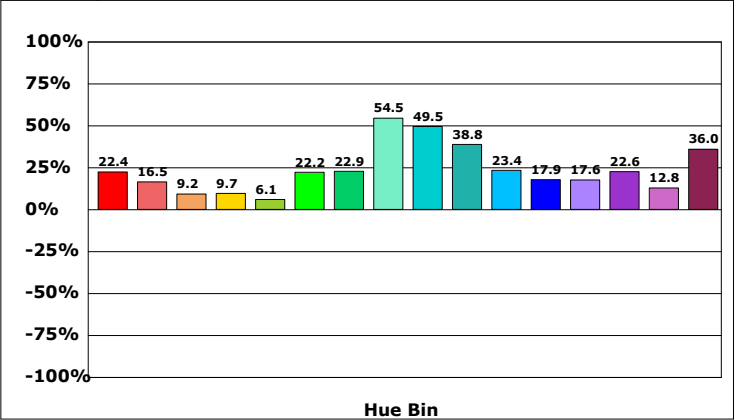
500			
Hue Bin	Rf	Chroma	Hue
1	48.3	22.4%	-6.4%
2	49.8	16.5%	-8.1%
3	70.4	9.2%	-3.8%
4	54.6	9.7%	-7.9%
5	44.3	6.1%	12.5%
6	53.5	22.2%	18.8%
7	53.2	22.9%	17.0%
8	24.4	54.5%	4.6%
9	11.3	49.5%	-24.3%
10	18.5	38.8%	-31.6%
11	24.6	23.4%	-17.1%
12	57.0	17.9%	-20.4%
13	50.6	17.6%	18.9%
14	28.3	22.6%	17.4%
15	63.6	12.8%	-16.3%
16	29.1	36.0%	4.1%



Rf by Hue



Chroma by Hue



Product model:
Product number:
Tester:
Remarks:

Manufacturer: Guangzhou Hotion Technology Co.,
Test unit:
Date of observation: 03/19/14

