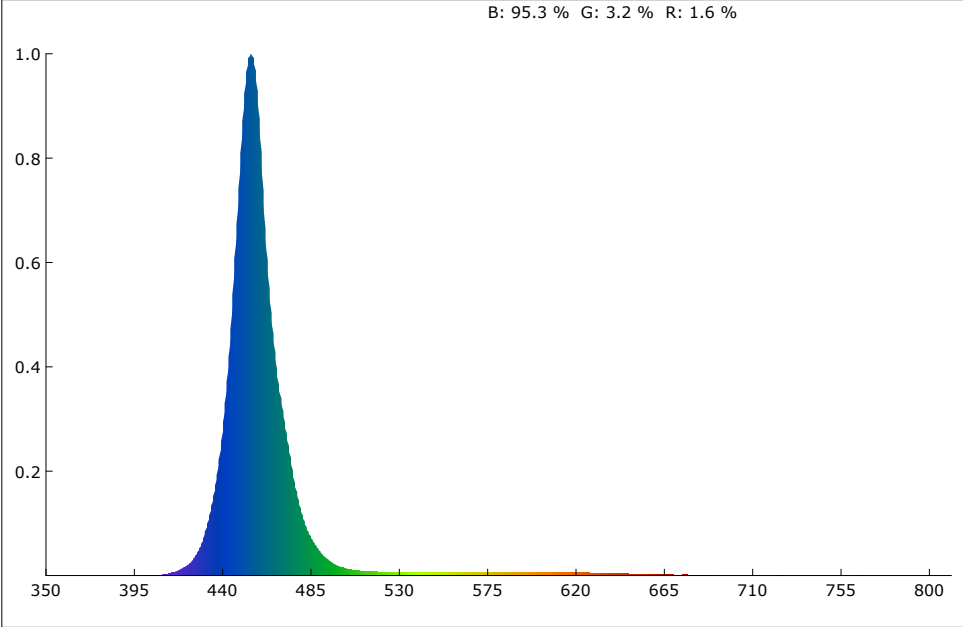
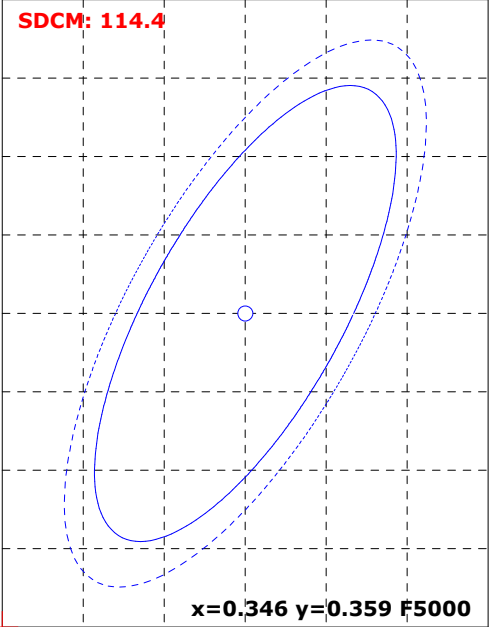


Spectrogram



SDCM



Color Parameter:

x: 0.1553 y: 0.0454 u: 0.1921 v: 0.0842 u': 0.1921 v': 0.1263
R_ratio: 1.6 % G_ratio: 3.2 % B_ratio: 95.3 % RedRatio: 5.1 % GreenRatio: 31.6 % BlueRatio: 63.2 %

Ra: -35.6 AvgR: -34.8
R1: 57.8 R2: -33.6 R3: -99.0 R4: -80.0 R5: 57.3 R6: -29.0 R7: -56.3 R8: -35.1
R9: -74.3 R10: -99.0 R11: -94.3 R12: -79.6 R13: 25.3 R14: -34.9 R15: 52.2

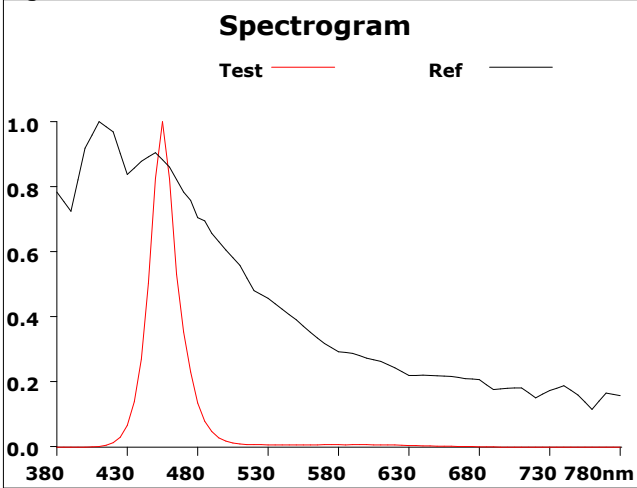
CCT: 99999 K Flux: 168.211 lm PeakWave: 454.5 nm SDCM: 114.4
S/P: 15.2 CentralWave: 455.1 nm DominantWave: 459.3 nm CentroidWave: 462.5 nm
HalfWidth: 19.7 nm duv: 0.15728 purity: 94.5 % CQS: 0.5
LER(TM-30): 58.2 Ep: 2887.8 mw Rg: 156.1 Rf: 36.3
Red Ep: 45.7 mw Near red Ep: 1.7 mw Near infrared Ep: 0.0 mw

Electrical parameters:

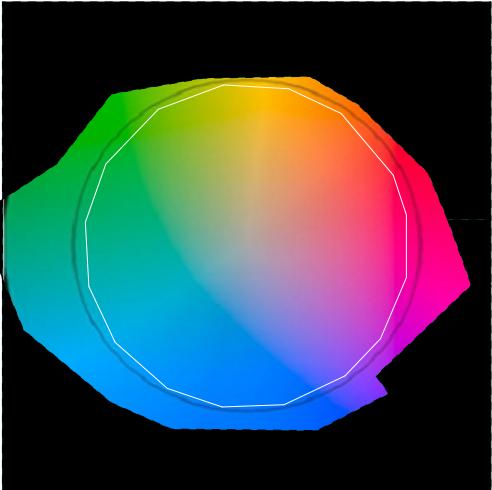
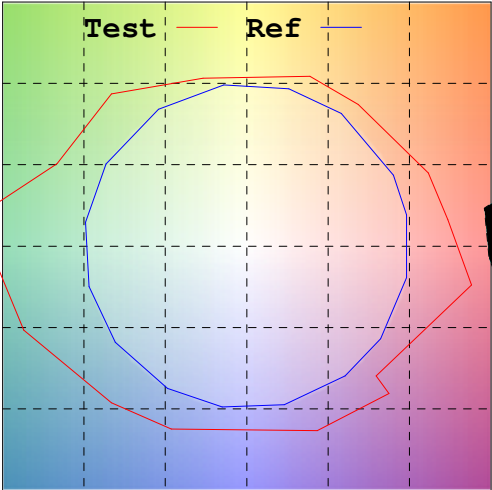
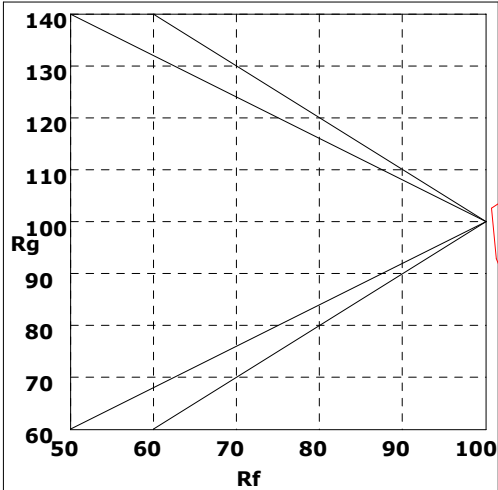
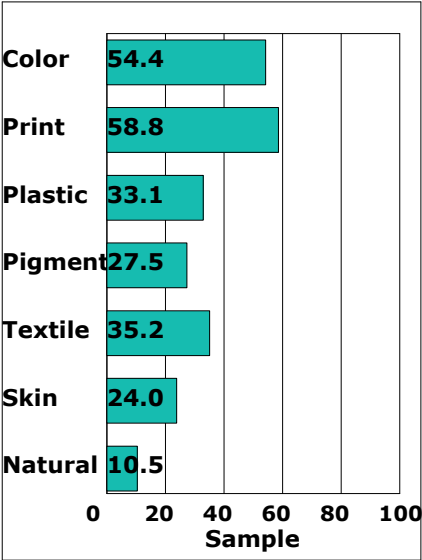
Effic: 2.8 Lm/W Energy: 3.0 Effi: G
U: 219.6 V I: 0.455 A P: 60.780 W Pf: 0.614

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

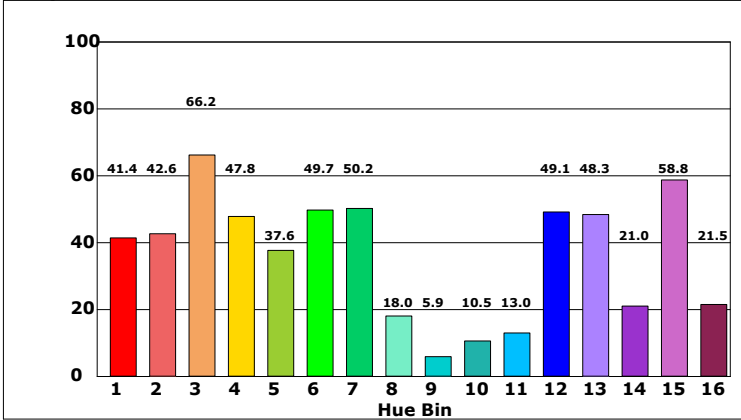
Rf: 36.3 CCT: 99999K u': 0.1921
Rg: 156.1 LER: 58.2 Duv: 0.15728 v': 0.1263



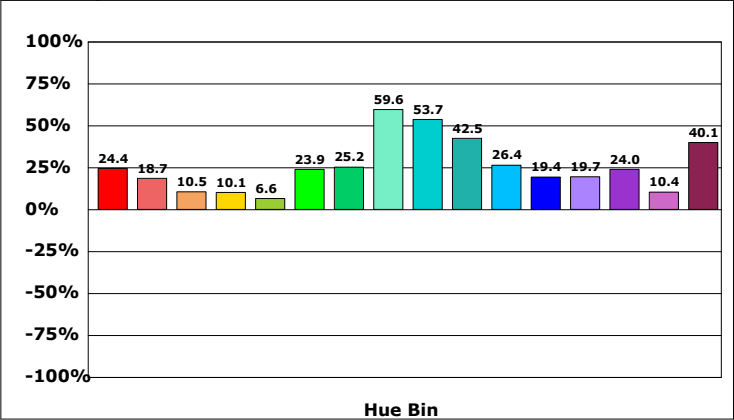
500			
Hue Bin	Rf	Chroma	Hue
1	41.4	24.4%	-7.9%
2	42.6	18.7%	-10.7%
3	66.2	10.5%	-5.7%
4	47.8	10.1%	-11.2%
5	37.6	6.6%	11.7%
6	49.7	23.9%	18.7%
7	50.2	25.2%	16.5%
8	18.0	59.6%	3.0%
9	5.9	53.7%	-28.2%
10	10.5	42.5%	-37.4%
11	13.0	26.4%	-23.7%
12	49.1	19.4%	-28.0%
13	48.3	19.7%	16.9%
14	21.0	24.0%	16.2%
15	58.8	10.4%	-20.6%
16	21.5	40.1%	3.4%



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

