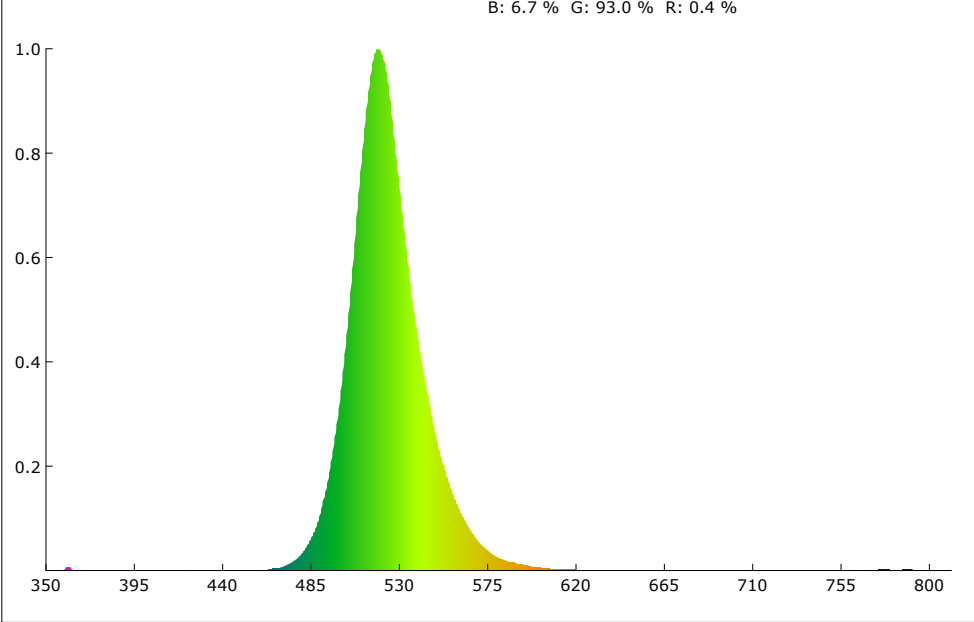
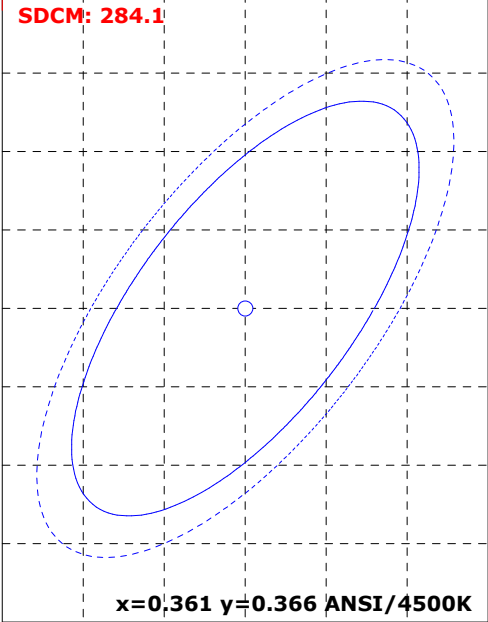


Spectrogram



SDCM



Color Parameter:

x: 0.1630 y: 0.7290 u: 0.0571 v: 0.3829 u': 0.0571 v': 0.5743
R_ratio: 0.4 % G_ratio: 93.0 % B_ratio: 6.7 % RedRatio: 0.2 % GreenRatio: 99.3 % BlueRatio: 0.5 %

Ra: -26.2 AvgR: -38.5
R1: -36.0 R2: -10.1 R3: -25.4 R4: -68.2 R5: -10.9 R6: -16.8 R7: -9.1 R8: -33.7
R9: -99.0 R10: -99.0 R11: -97.8 R12: -32.7 R13: -42.0 R14: 37.5 R15: -33.6

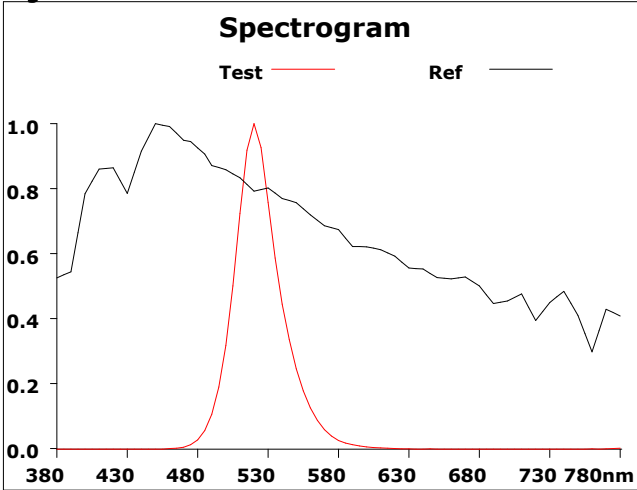
CCT: 7914 K Flux: 1689.990 lm PeakWave: 519.6 nm SDCM: 284.1
S/P: 2.9 CentralWave: 521.4 nm DominantWave: 526.0 nm CentroidWave: 525.1 nm
HalfWidth: 32.5 nm duv: 0.15983 purity: 80.9 % CQS: 0.2
LER(TM-30): 482.7 Ep: 3500.8 mw Rg: 6.8 Rf: 0.6
Red Ep: 12.7 mw Near red Ep: 5.7 mw Near infrared Ep: 3.4 mw

Electrical parameters:

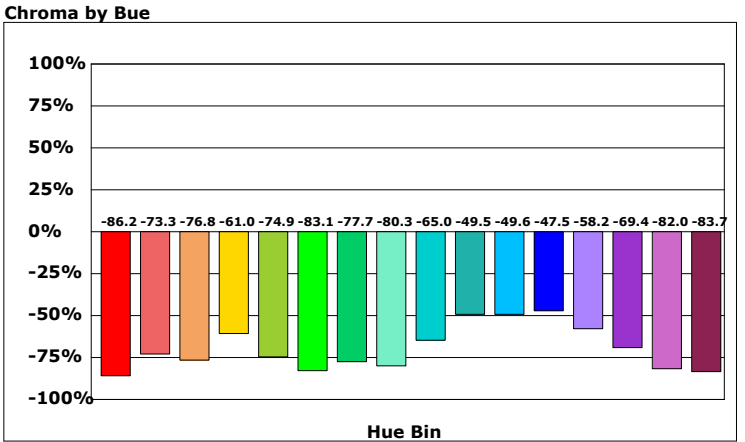
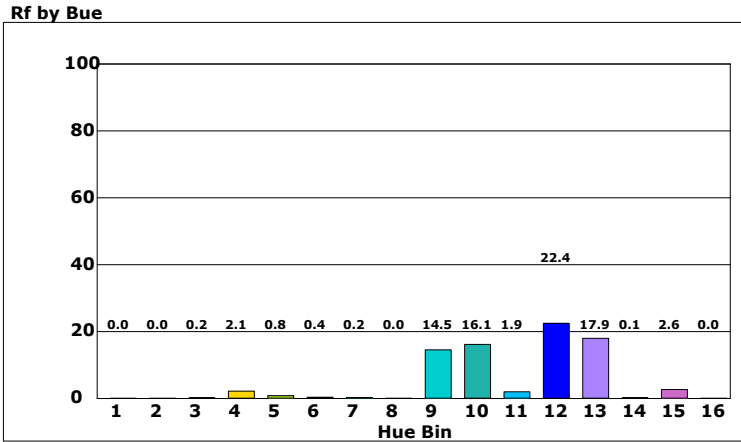
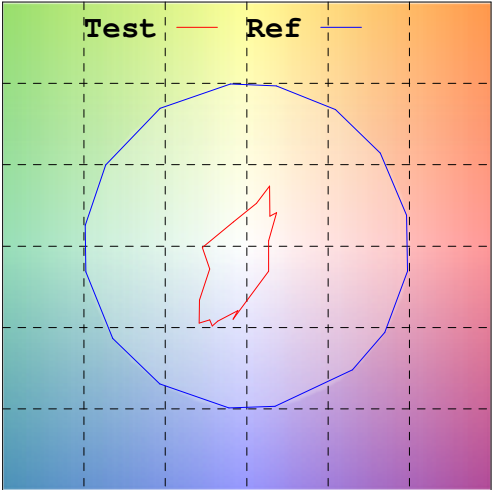
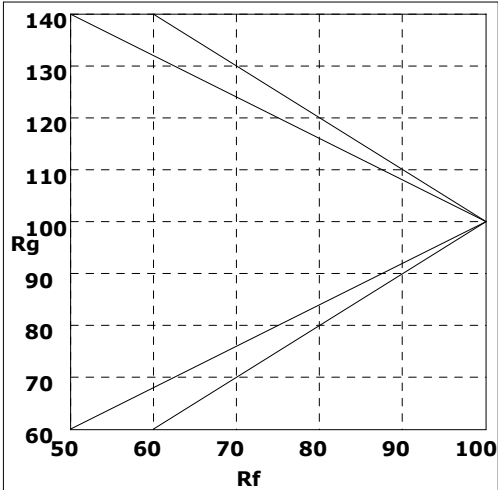
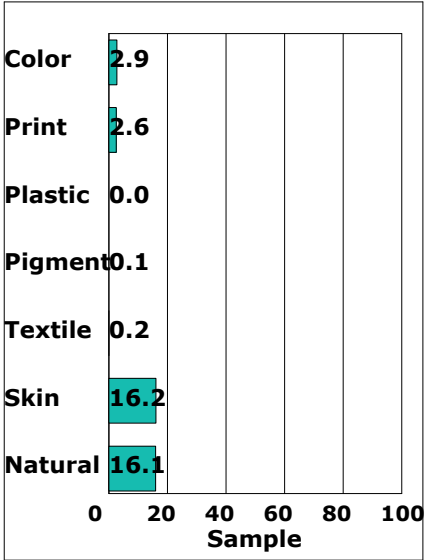
Effic: 27.8 Lm/W Energy: 30.3 Effi: G
U: 220.9 V I: 0.453 A P: 60.810 W Pf: 0.607

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

Rf: 0.6 CCT: 7914K u': 0.0571
Rg: 6.8 LER: 482.7 Duv: 0.15983 v': 0.5743



500			
Hue Bin	Rf	Chroma	Hue
1	0.0	-86.2%	1.1%
2	0.0	-73.3%	5.1%
3	0.2	-76.8%	-2.8%
4	2.1	-61.0%	-8.0%
5	0.8	-74.9%	-1.3%
6	0.4	-83.1%	1.3%
7	0.2	-77.7%	9.2%
8	0.0	-80.3%	11.3%
9	14.5	-65.0%	30.6%
10	16.1	-49.5%	21.7%
11	1.9	-49.6%	3.6%
12	22.4	-47.5%	-20.0%
13	17.9	-58.2%	-24.4%
14	0.1	-69.4%	-38.3%
15	2.6	-82.0%	-45.1%
16	0.0	-83.7%	-16.7%



Product model:
Product number:
Tester:
Remarks:

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

