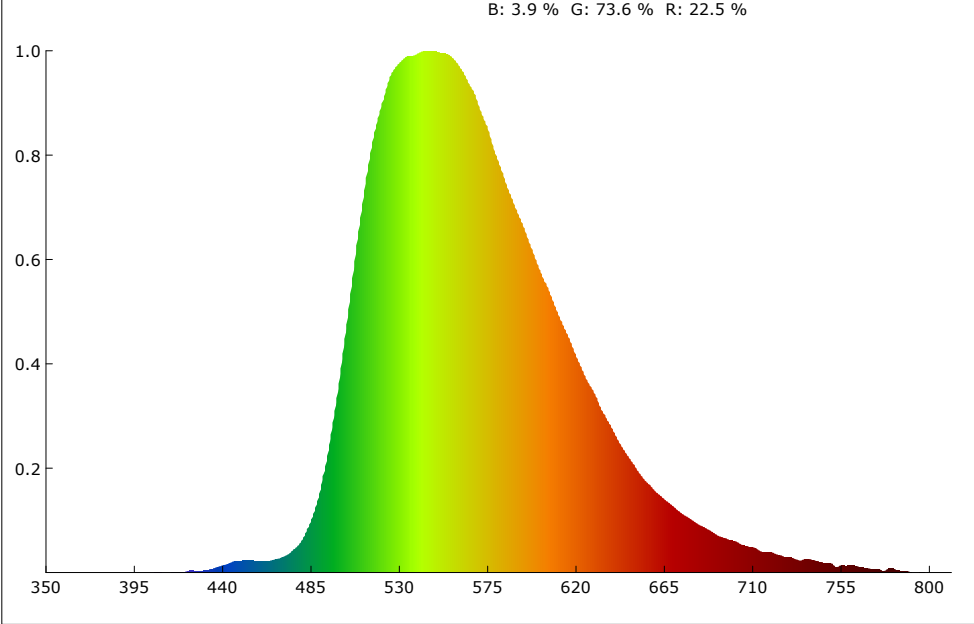
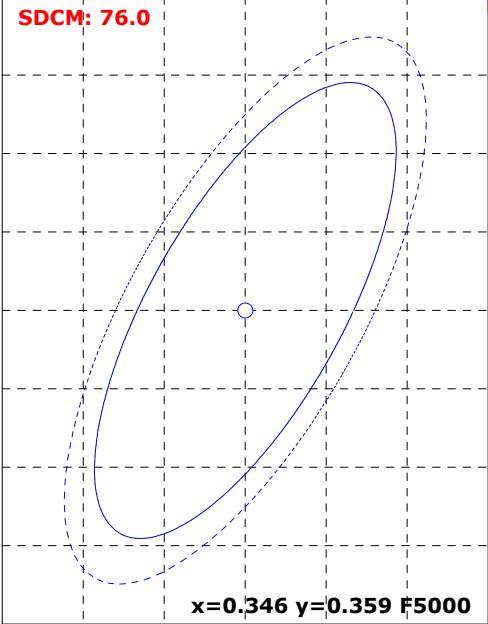


Spectrogram



SDCM



Color Parameter:

x: 0.3993 y: 0.5638 u: 0.1781 v: 0.3772 u': 0.1781 v': 0.5658
R_ratio: 22.5 % G_ratio: 73.6 % B_ratio: 3.9 % RedRatio: 9.5 % GreenRatio: 90.2 % BlueRatio: 0.3 %

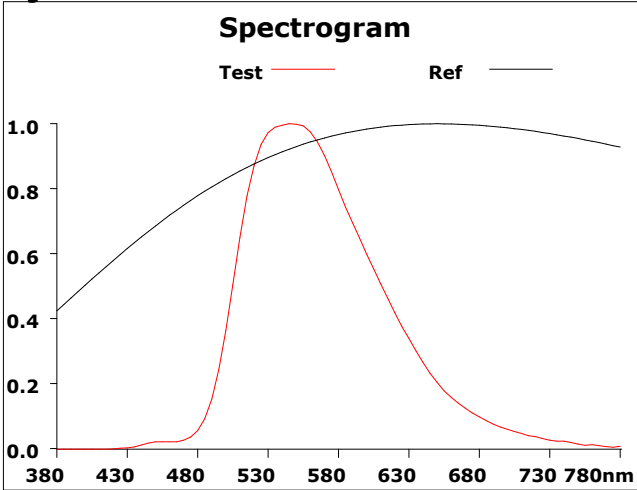
Ra: 32.3 AvgR: 15.6
R1: 36.1 R2: 37.5 R3: 31.8 R4: -14.9 R5: 18.4 R6: 44.2 R7: 76.4 R8: 29.6
R9: -99.0 R10: -8.7 R11: -33.1 R12: 10.0 R13: 27.9 R14: 63.5 R15: 14.3

CCT: 4454 K Flux: 2394.127 lm PeakWave: 544.3 nm SDCM: 76.0
S/P: 1.4 CentralWave: 557.3 nm DominantWave: 564.8 nm CentroidWave: 568.9 nm
HalfWidth: 105.7 nm duv: 0.06254 purity: 89.4 % CQS: 28.9
LER(TM-30): 460.4 Ep: 5200.2 mw Rg: 43.6 Rf: 35.8
Red Ep: 1148.1 mw Near red Ep: 92.4 mw Near infrared Ep: 2.9 mw

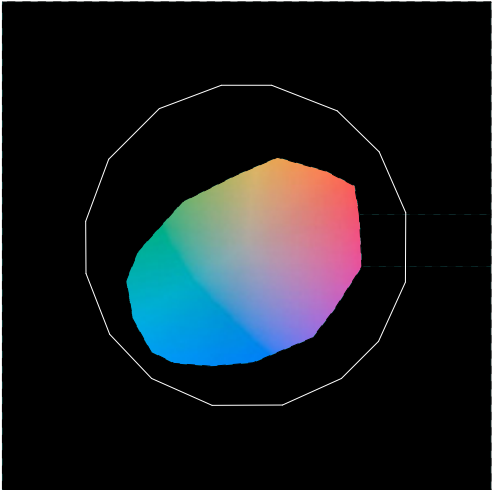
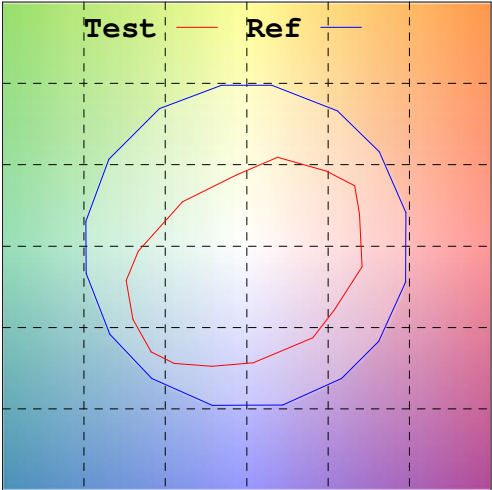
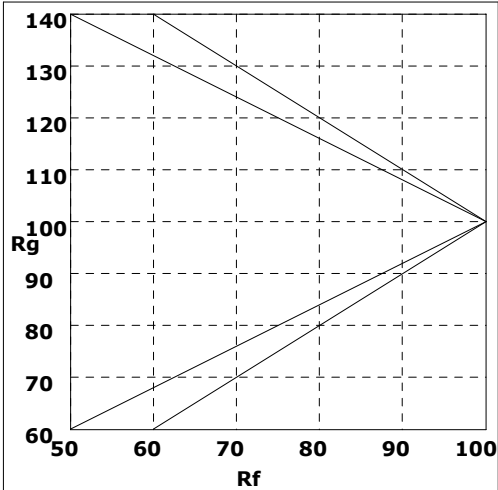
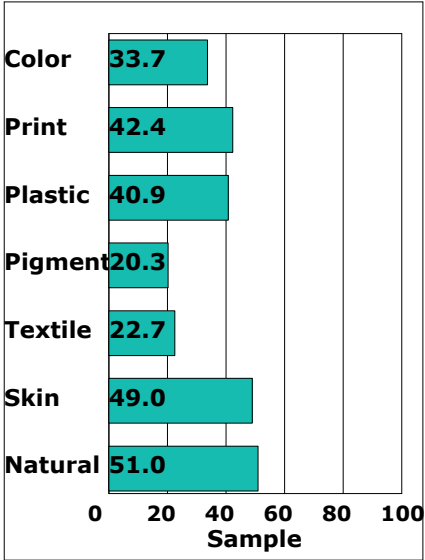
Electrical parameters:

Effic: 24.6 Lm/W Energy: 26.8 Effi: G
U: 220.9 V I: 0.486 A P: 97.310 W Pf: 0.905

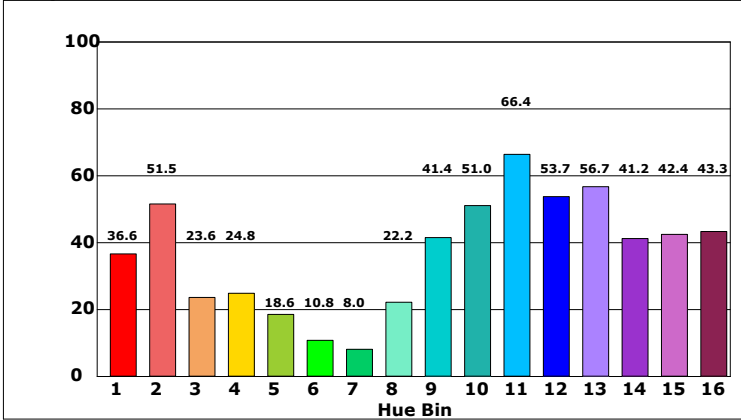
Rf: 35.8 CCT: 4454K u': 0.1781
Rg: 43.6 LER: 460.4 Duv: 0.06254 v': 0.5658



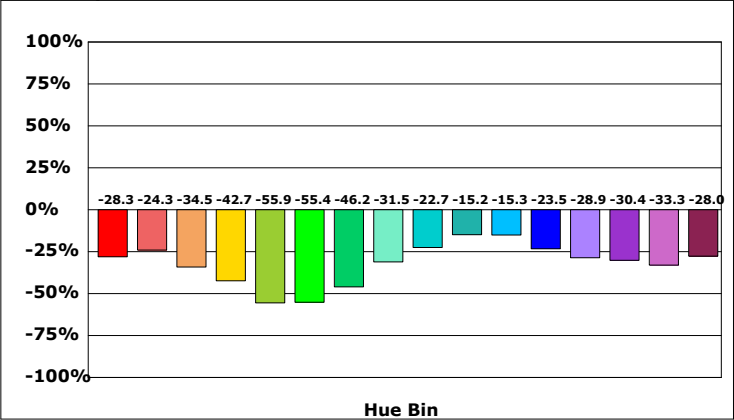
500			
Hue Bin	Rf	Chroma	Hue
1	36.6	-28.3%	4.5%
2	51.5	-24.3%	-9.0%
3	23.6	-34.5%	-14.8%
4	24.8	-42.7%	-12.2%
5	18.6	-55.9%	1.5%
6	10.8	-55.4%	19.8%
7	8.0	-46.2%	36.9%
8	22.2	-31.5%	30.8%
9	41.4	-22.7%	33.2%
10	51.0	-15.2%	23.0%
11	66.4	-15.3%	6.4%
12	53.7	-23.5%	-4.9%
13	56.7	-28.9%	-12.6%
14	41.2	-30.4%	-0.9%
15	42.4	-33.3%	1.1%
16	43.3	-28.0%	4.0%



Rf by Hue



Chroma by Hue



Product model:
Product number:
Tester:
Remarks:

Manufacturer: Guangzhou Hotion Technology Co.,
Test unit:
Date of observation: 07/15/14

