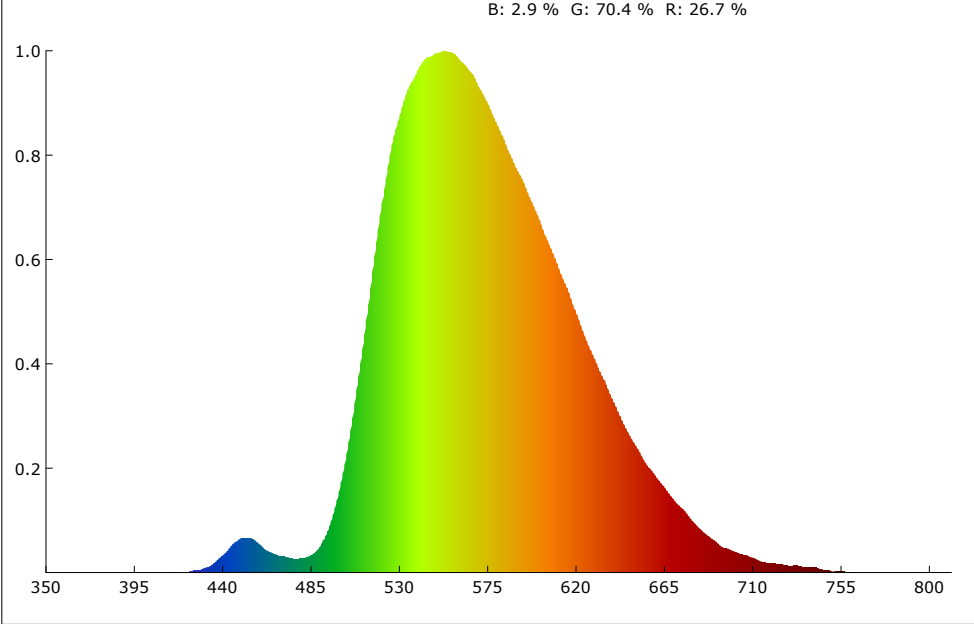
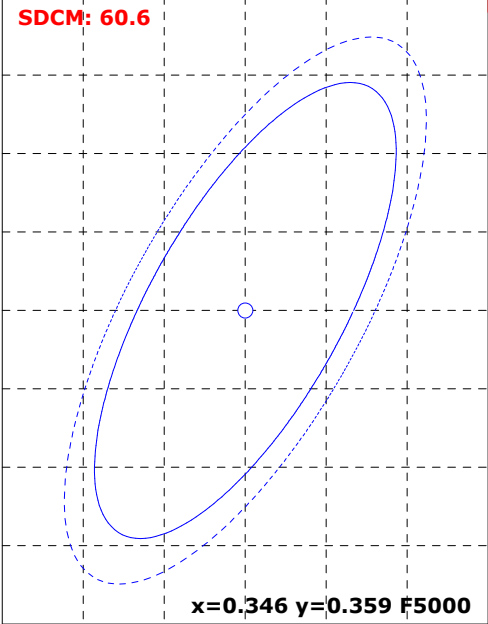


Spectrogram



SDCM



Color Parameter:

x: 0.4249 y: 0.5351 u: 0.1983 v: 0.3746 u': 0.1983 v': 0.5619
R_ratio: 26.7 % G_ratio: 70.4 % B_ratio: 2.9 % RedRatio: 11.5 % GreenRatio: 88.3 % BlueRatio: 0.2 %

Ra: 50.0 AvgR: 32.6
R1: 41.4 R2: 57.2 R3: 71.5 R4: 37.3 R5: 40.0 R6: 46.8 R7: 76.3 R8: 30.0
R9: -99.0 R10: 7.3 R11: 20.1 R12: 3.2 R13: 42.9 R14: 85.7 R15: 28.3

CCT: 3978 K Flux: 864.471 lm PeakWave: 556.5 nm SDCM: 60.6
S/P: 1.2 CentralWave: 566.9 nm DominantWave: 569.0 nm CentroidWave: 573.6 nm
HalfWidth: 105.6 nm duv: 0.04832 purity: 88.3 % CQS: 55.6
LER(TM-30): 470.9 Ep: 1835.9 mw Rg: 57.8 Rf: 51.8
Red Ep: 485.8 mw Near red Ep: 15.7 mw Near infrared Ep: 0.1 mw

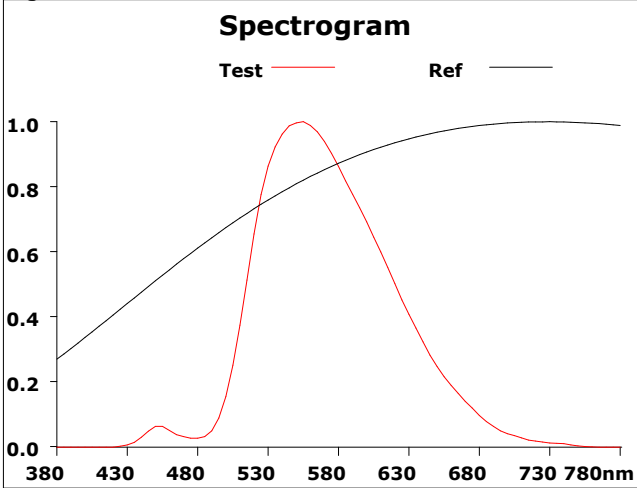
Electrical parameters:

Effic: 12.1 lm/W Energy: 13.2 Effi: G
U: 222.2 V I: 0.516 A P: 71.270 W Pf: 0.620

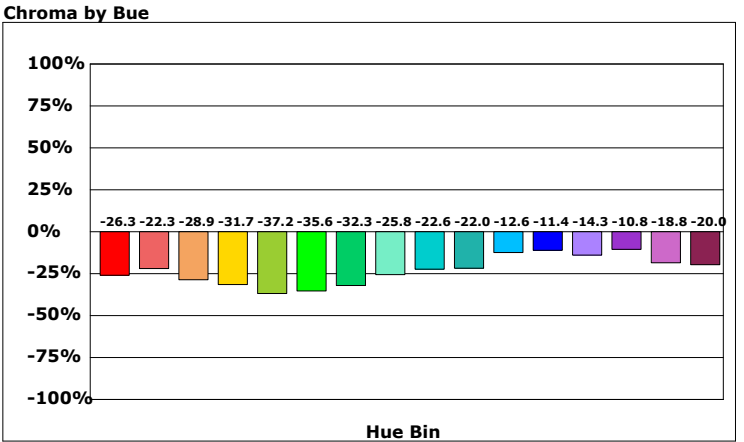
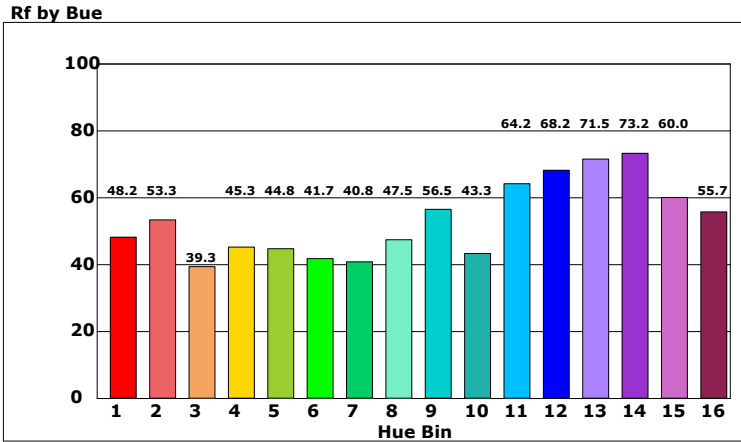
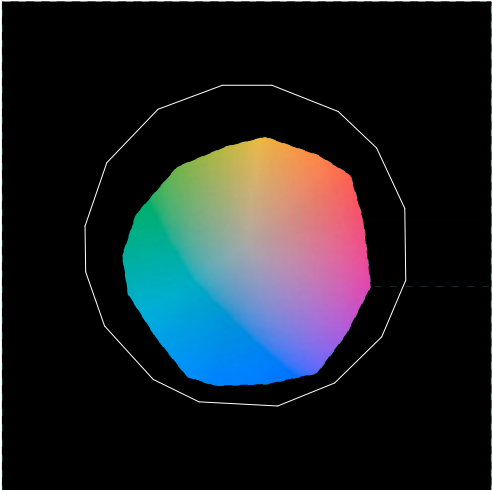
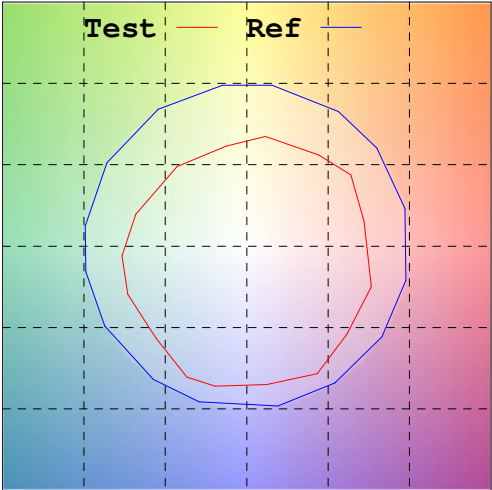
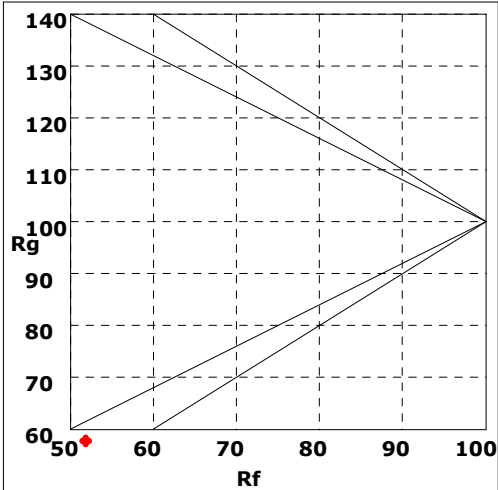
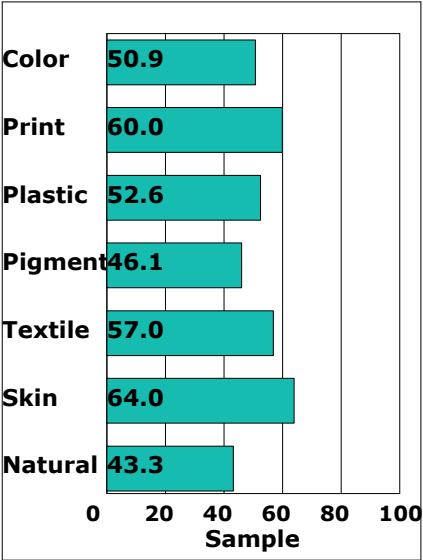
Product model: P19
Product number:
Tester:
Remarks:

Manufacturer: Guangzhou Hotion Technology Co.,
Test unit:
Date of observation: 08/10/12

Rf: 51.8 CCT: 3978K u': 0.1983
Rg: 57.8 LER: 470.9 Duv: 0.04832 v': 0.5619



500			
Hue Bin	Rf	Chroma	Hue
1	48.2	-26.3%	-2.6%
2	53.3	-22.3%	-4.9%
3	39.3	-28.9%	-4.7%
4	45.3	-31.7%	-2.1%
5	44.8	-37.2%	4.9%
6	41.7	-35.6%	10.0%
7	40.8	-32.3%	16.4%
8	47.5	-25.8%	13.6%
9	56.5	-22.6%	18.5%
10	43.3	-22.0%	23.7%
11	64.2	-12.6%	16.3%
12	68.2	-11.4%	7.7%
13	71.5	-14.3%	-4.3%
14	73.2	-10.8%	-5.8%
15	60.0	-18.8%	-10.5%
16	55.7	-20.0%	-8.0%



Product model: P19
Product number:
Tester:
Remarks:

Manufacturer: Guangzhou Hotion Technology Co.,
Test unit:
Date of observation: 08/10/12

