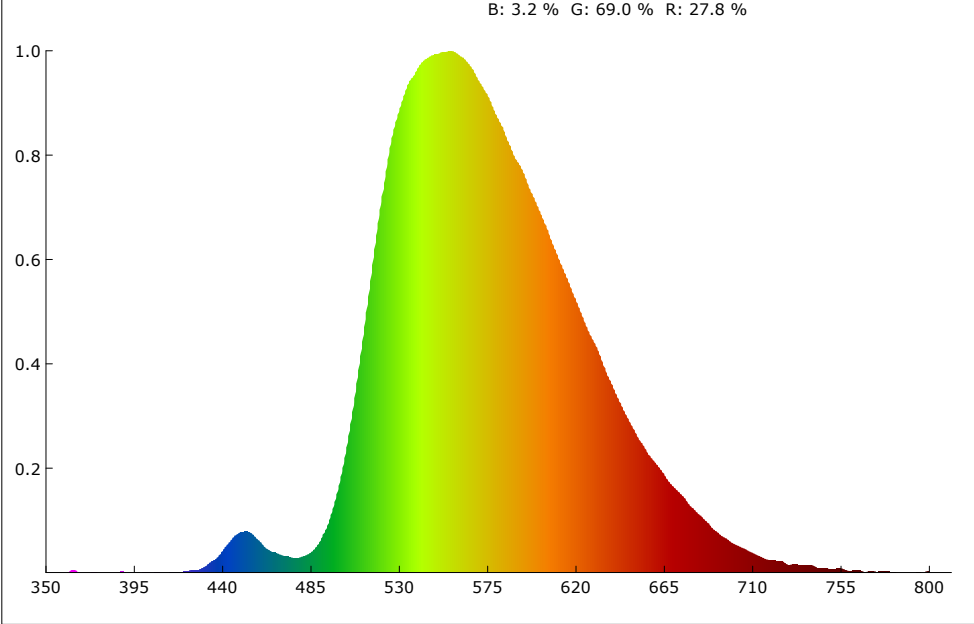
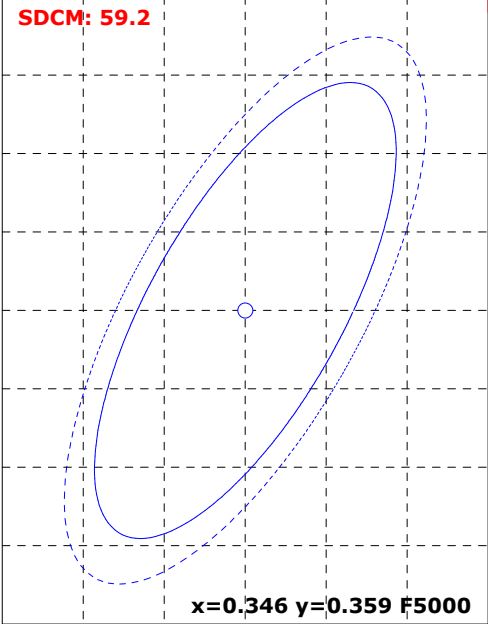


Spectrogram



SDCM



Color Parameter:

x: 0.4255 y: 0.5310 u: 0.1997 v: 0.3739 u': 0.1997 v': 0.5609
R_ratio: 27.8 % G_ratio: 69.0 % B_ratio: 3.2 % RedRatio: 11.8 % GreenRatio: 88.0 % BlueRatio: 0.3 %

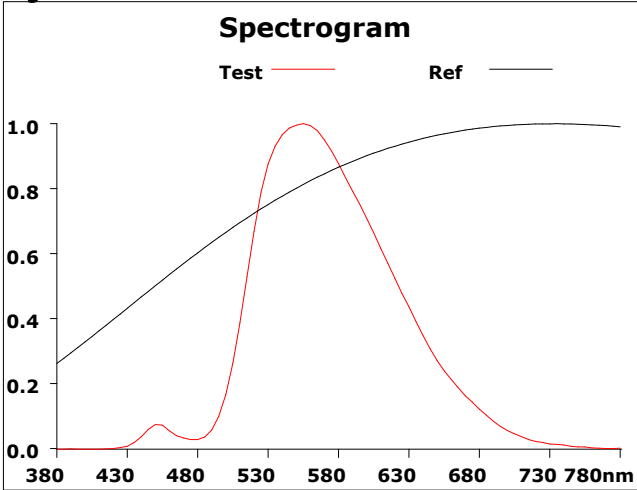
Ra: 52.4 AvgR: 35.0
R1: 43.6 R2: 59.0 R3: 74.3 R4: 41.4 R5: 42.0 R6: 47.9 R7: 78.7 R8: 33.1
R9: -99.0 R10: 10.4 R11: 25.2 R12: 4.9 R13: 45.1 R14: 87.2 R15: 31.0

CCT: 3956 K Flux: 1076.507 lm PeakWave: 556.5 nm SDCM: 59.2
S/P: 1.2 CentralWave: 567.7 nm DominantWave: 569.3 nm CentroidWave: 574.9 nm
HalfWidth: 108.2 nm duv: 0.04695 purity: 87.3 % CQS: 59.1
LER(TM-30): 460.7 Ep: 2336.6 mw Rg: 60.7 Rf: 55.0
Red Ep: 642.3 mw Near red Ep: 26.8 mw Near infrared Ep: 0.5 mw

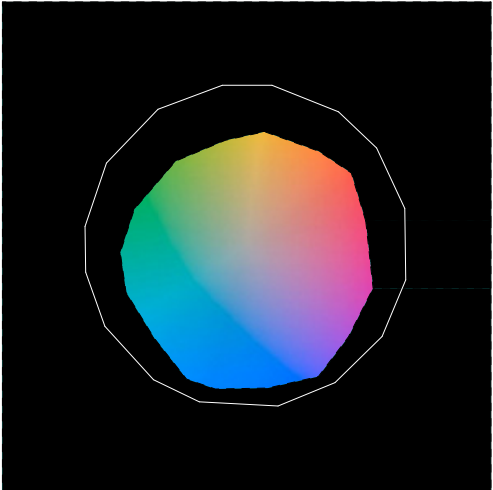
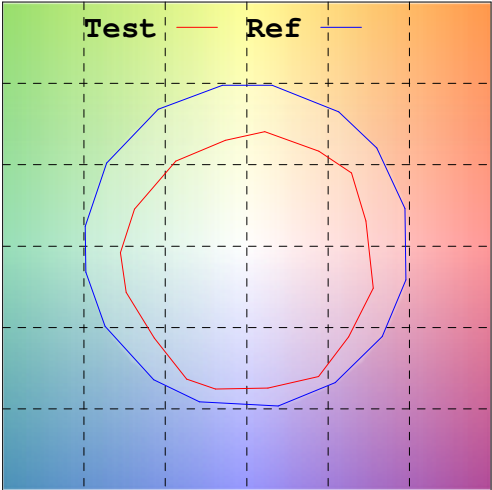
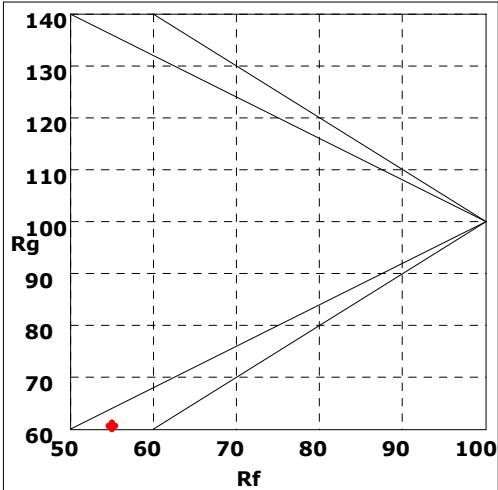
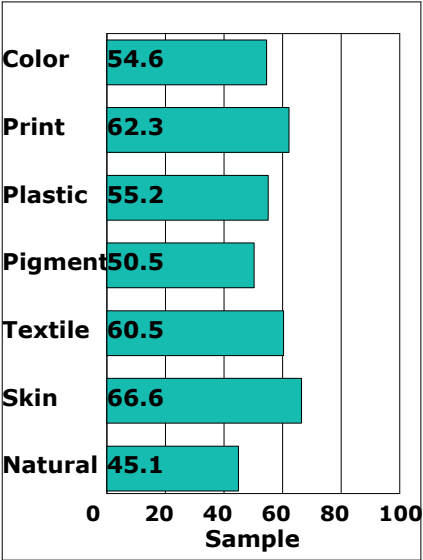
Electrical parameters:

Effic: 14.2 Lm/W Energy: 15.5 Effi: G
U: 221.7 V I: 0.544 A P: 75.560 W Pf: 0.625

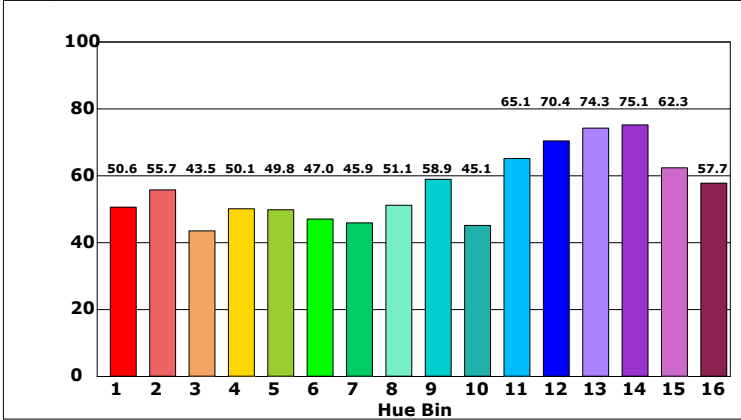
Rf: 55.0 CCT: 3956K u': 0.1997
Rg: 60.7 LER: 460.7 Duv: 0.04695 v': 0.5609



500			
Hue Bin	Rf	Chroma	Hue
1	50.6	-25.1%	-2.8%
2	55.7	-21.3%	-4.1%
3	43.5	-27.0%	-3.4%
4	50.1	-28.9%	-1.1%
5	49.8	-33.7%	4.8%
6	47.0	-32.4%	8.6%
7	45.9	-29.9%	14.1%
8	51.1	-24.4%	11.7%
9	58.9	-21.8%	16.9%
10	45.1	-21.2%	23.0%
11	65.1	-11.6%	16.6%
12	70.4	-9.8%	8.1%
13	74.3	-11.9%	-4.2%
14	75.1	-8.8%	-6.5%
15	62.3	-16.9%	-11.5%
16	57.7	-18.6%	-8.9%



Rf by Bue



Chroma by Bue



Product model: P19
Product number:
Tester:
Remarks:

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

