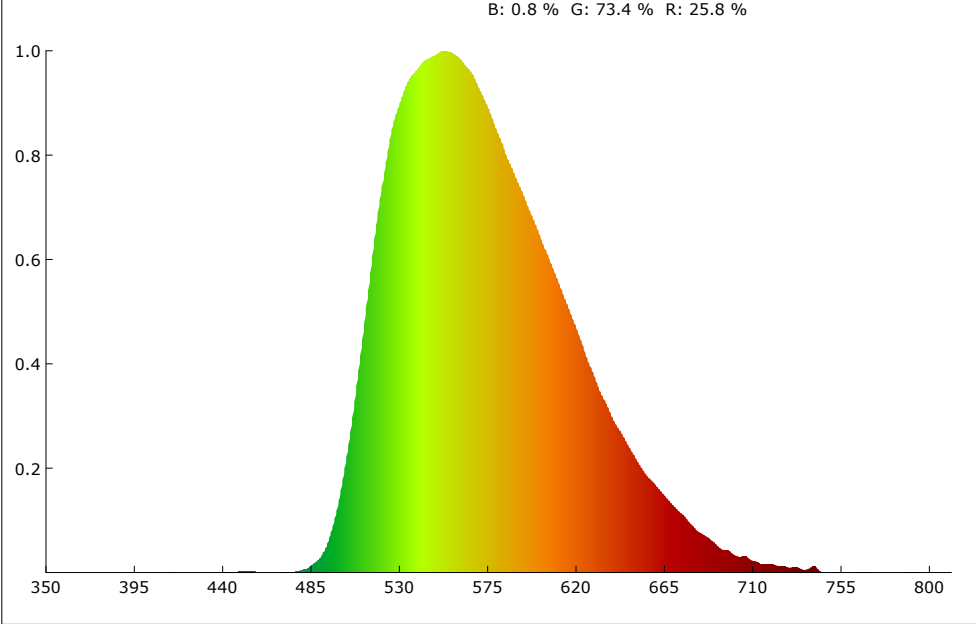
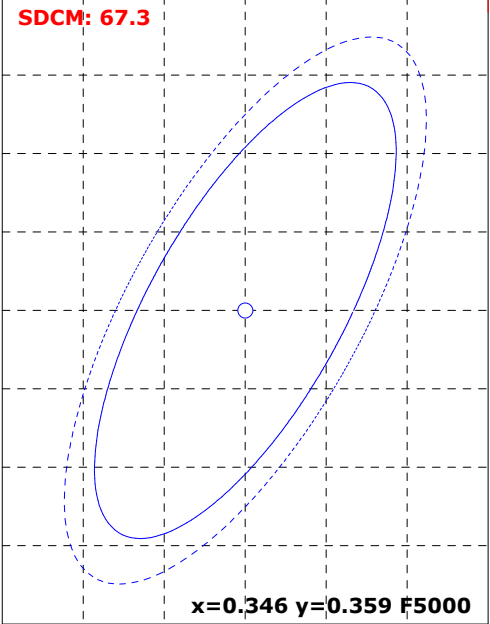


Spectrogram



SDCM



Color Parameter:

x: 0.4277 y: 0.5542 u: 0.1945 v: 0.3781 u': 0.1945 v': 0.5671
R_ratio: 25.8 % G_ratio: 73.4 % B_ratio: 0.8 % RedRatio: 10.9 % GreenRatio: 89.1 % BlueRatio: 0.0 %

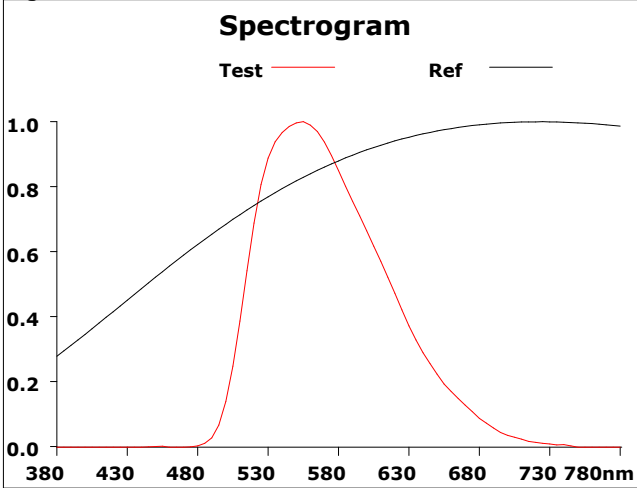
Ra: 25.5 AvgR: 11.1
R1: 38.2 R2: 37.9 R3: 22.7 R4: -6.2 R5: 35.2 R6: 34.5 R7: 29.4 R8: 12.8
R9: -99.0 R10: -25.0 R11: -32.9 R12: 1.8 R13: 35.5 R14: 60.8 R15: 21.3

CCT: 4006 K Flux: 436.242 lm PeakWave: 556.5 nm SDCM: 67.3
S/P: 1.2 CentralWave: 565.2 nm DominantWave: 568.4 nm CentroidWave: 574.2 nm
HalfWidth: 103.6 nm duv: 0.05335 purity: 95.0 % CQS: 9.3
LER(TM-30): 486.8 Ep: 896.1 mw Rg: 19.8 Rf: 13.6
Red Ep: 229.4 mw Near red Ep: 6.1 mw Near infrared Ep: 0.1 mw

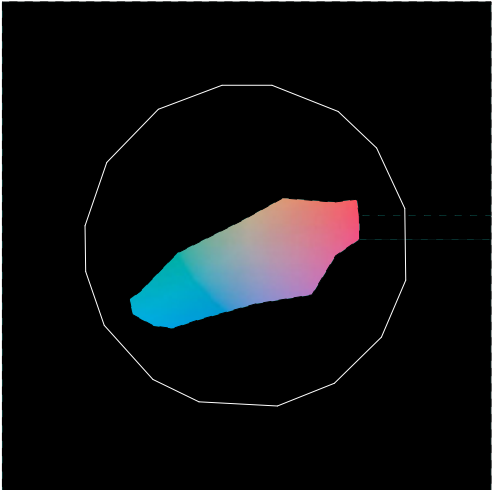
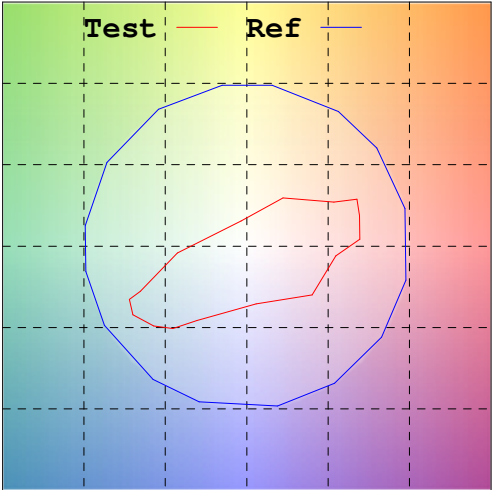
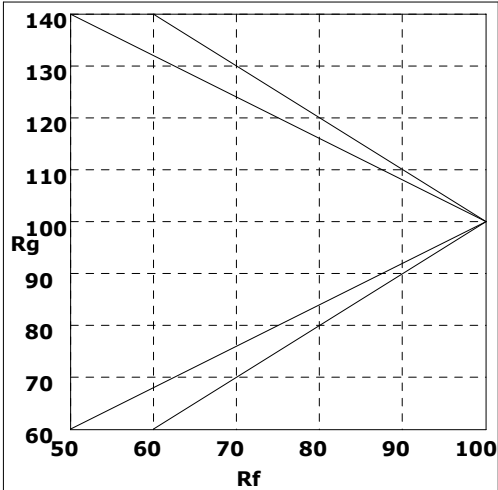
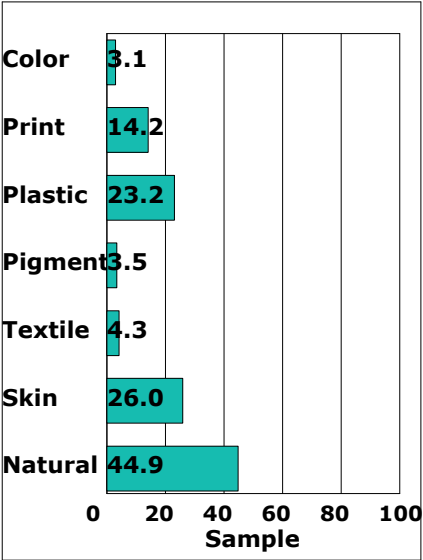
Electrical parameters:

Effic: 8.4 Lm/W Energy: 9.2 Effi: G
U: 220.8 V I: 0.385 A P: 51.910 W Pf: 0.609

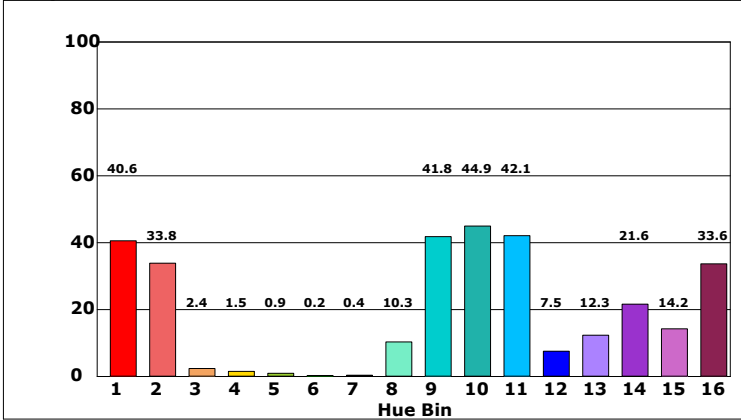
Rf: 13.6 CCT: 4006K u': 0.1945
Rg: 19.8 LER: 486.8 Duv: 0.05335 v': 0.5671



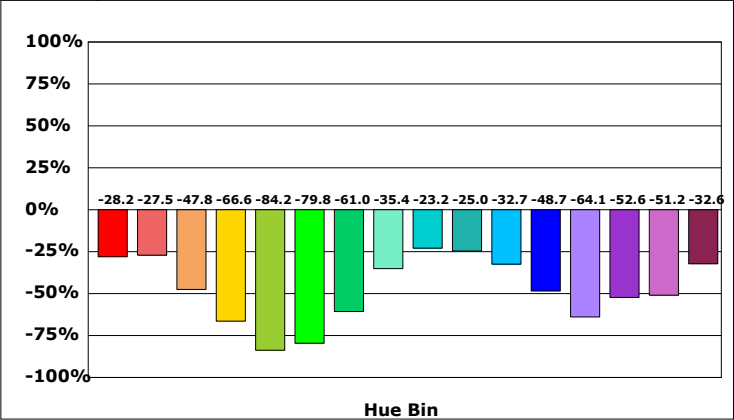
500			
Hue Bin	Rf	Chroma	Hue
1	40.6	-28.2%	1.2%
2	33.8	-27.5%	-19.4%
3	2.4	-47.8%	-28.6%
4	1.5	-66.6%	-20.1%
5	0.9	-84.2%	4.9%
6	0.2	-79.8%	39.3%
7	0.4	-61.0%	54.5%
8	10.3	-35.4%	39.1%
9	41.8	-23.2%	31.8%
10	44.9	-25.0%	17.1%
11	42.1	-32.7%	-7.2%
12	7.5	-48.7%	-11.1%
13	12.3	-64.1%	-0.8%
14	21.6	-52.6%	18.7%
15	14.2	-51.2%	25.9%
16	33.6	-32.6%	19.2%



Rf by Bue



Chroma by Bue



Product model:
Product number:
Tester:
Remarks:

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

