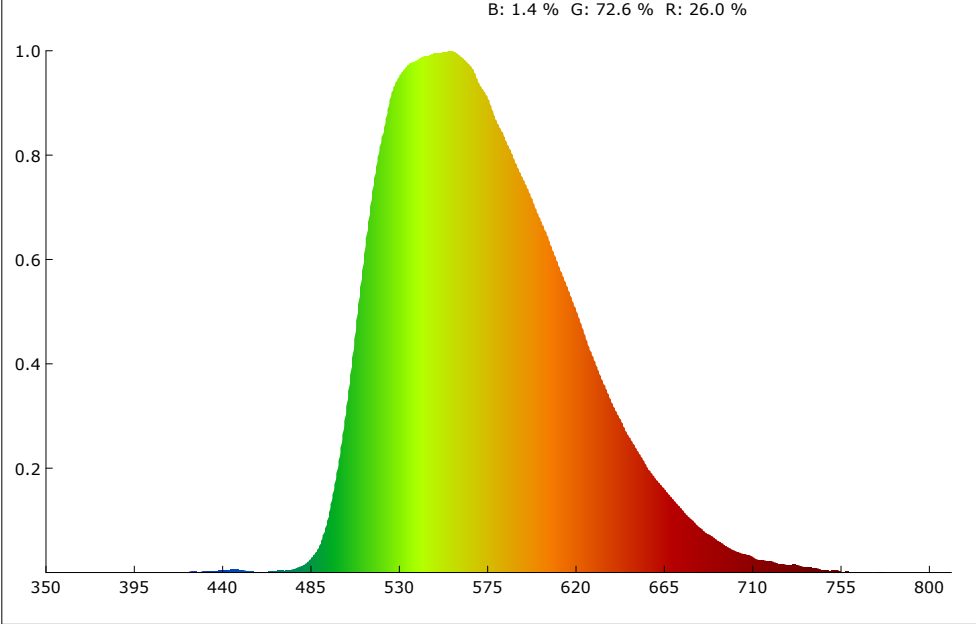
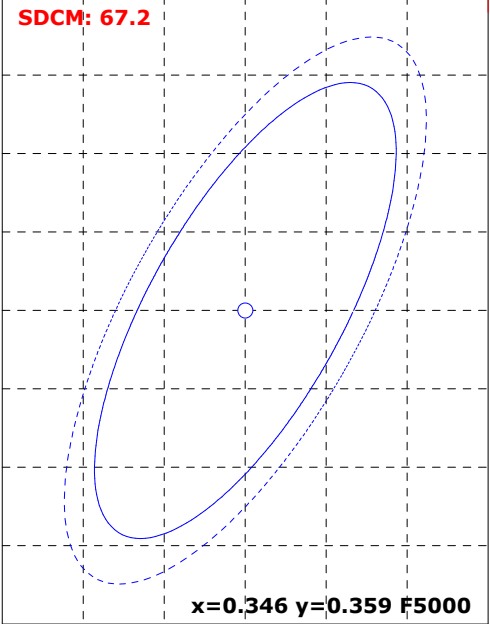


Spectrogram



SDCM



Color Parameter:

x: 0.4233 y: 0.5531 u: 0.1926 v: 0.3775 u': 0.1926 v': 0.5662
R_ratio: 26.0 % G_ratio: 72.6 % B_ratio: 1.4 % RedRatio: 11.1 % GreenRatio: 88.9 % BlueRatio: 0.1 %

Ra: 31.6 AvgR: 17.6
R1: 41.7 R2: 43.9 R3: 33.1 R4: 3.4 R5: 39.7 R6: 39.6 R7: 34.7 R8: 17.4
R9: -99.0 R10: -12.5 R11: -20.7 R12: 10.7 R13: 40.1 R14: 67.0 R15: 24.8

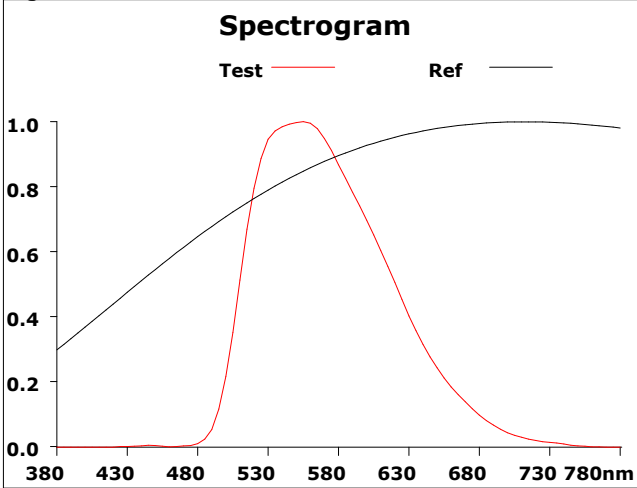
CCT: 4069 K Flux: 3153.888 lm PeakWave: 556.5 nm SDCM: 67.2
S/P: 1.3 CentralWave: 564.6 nm DominantWave: 568.0 nm CentroidWave: 573.3 nm
HalfWidth: 110.5 nm duv: 0.05395 purity: 93.3 % CQS: 15.0
LER(TM-30): 476.5 Ep: 6618.8 mw Rg: 28.2 Rf: 21.3
Red Ep: 1704.1 mw Near red Ep: 58.9 mw Near infrared Ep: 0.0 mw

Electrical parameters:

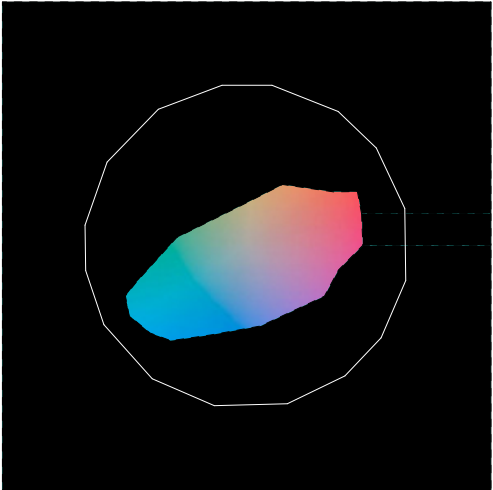
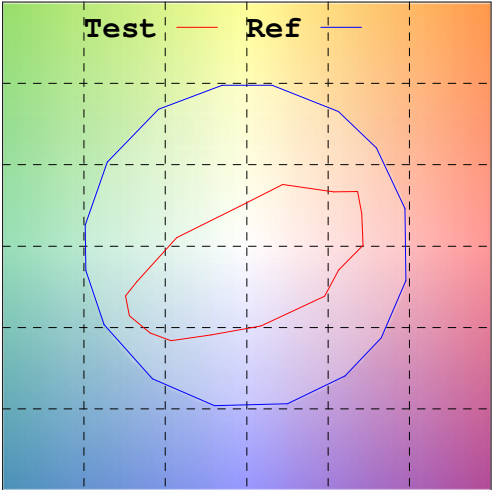
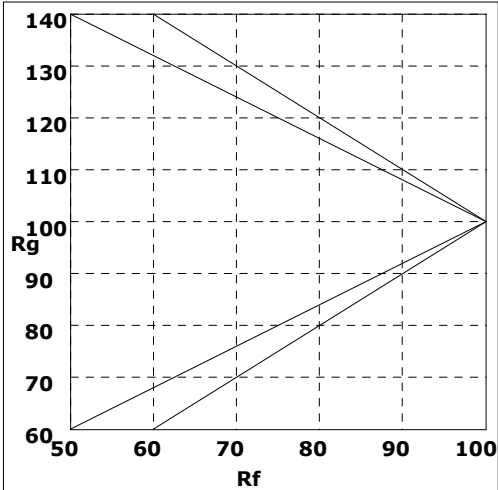
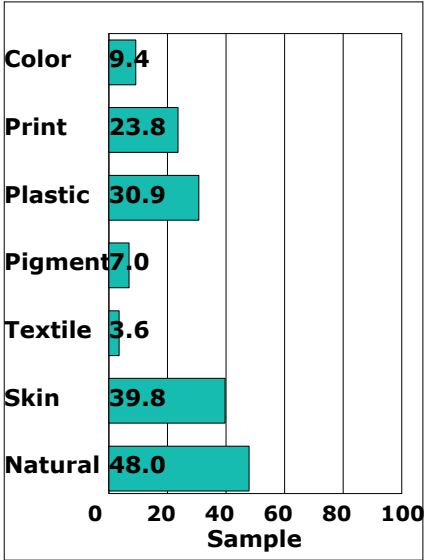
Effic: 53.8 Lm/W Energy: 58.6 Effi: G
U: 220.5 V I: 0.432 A P: 58.650 W Pf: 0.615

Product model: Manufacturer: Guangzhou Hotion Technology Co.,
Product number: Test unit:
Tester: Date of observation: 07/16/14
Remarks:

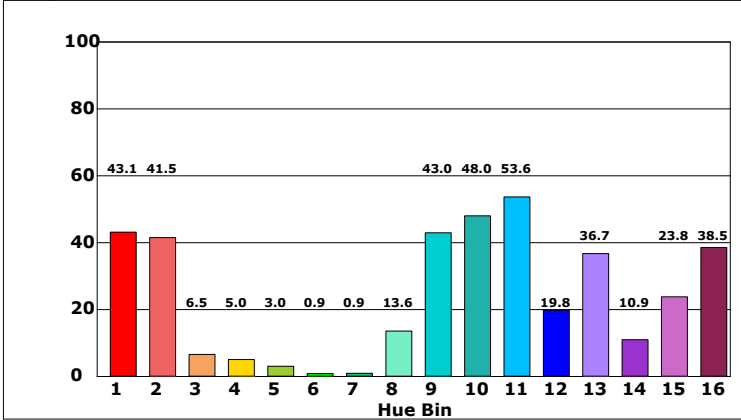
Rf: 21.3 CCT: 4069K u': 0.1926
Rg: 28.2 LER: 476.5 Duv: 0.05395 v': 0.5662



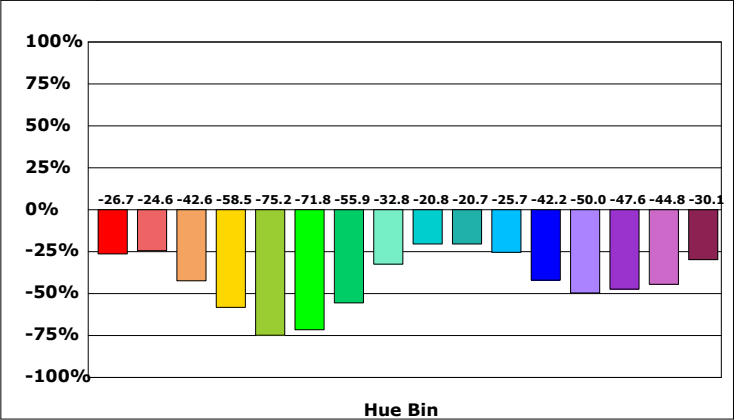
500			
Hue Bin	Rf	Chroma	Hue
1	43.1	-26.7%	2.1%
2	41.5	-24.6%	-15.8%
3	6.5	-42.6%	-25.1%
4	5.0	-58.5%	-18.2%
5	3.0	-75.2%	3.9%
6	0.9	-71.8%	34.6%
7	0.9	-55.9%	51.3%
8	13.6	-32.8%	37.8%
9	43.0	-20.8%	32.4%
10	48.0	-20.7%	20.0%
11	53.6	-25.7%	-3.5%
12	19.8	-42.2%	-10.6%
13	36.7	-50.0%	-6.6%
14	10.9	-47.6%	16.8%
15	23.8	-44.8%	20.1%
16	38.5	-30.1%	16.1%



Rf by Bue



Chroma by Bue



Product model:
Product number:
Tester:
Remarks:

Manufacturer: Guangzhou Hotion Technology Co.,
Test unit:
Date of observation: 07/16/14

