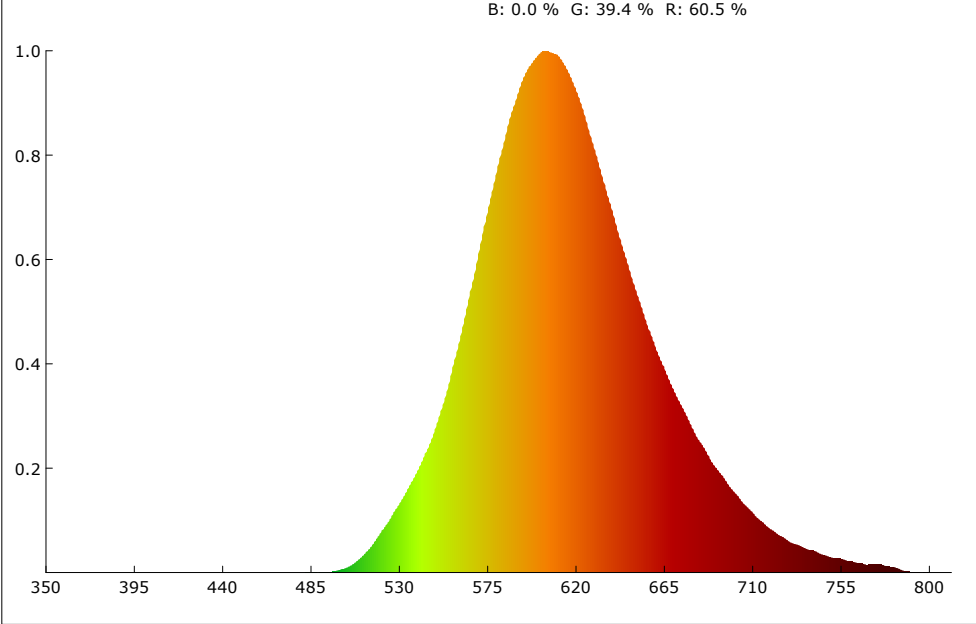
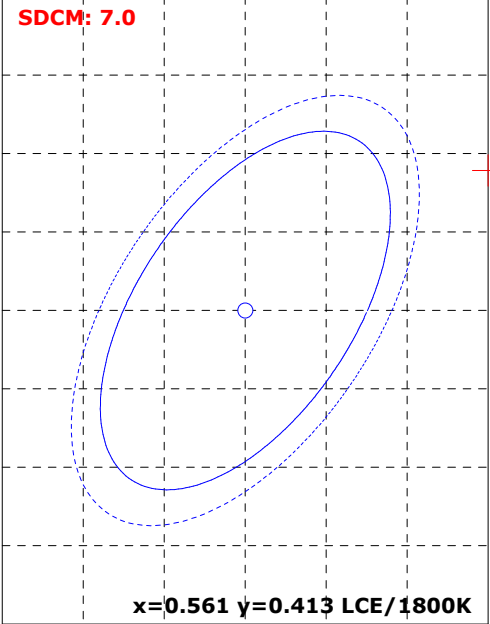


Spectrogram



SDCM



Color Parameter:

x: 0.5684 y: 0.4289 u: 0.3243 v: 0.3671 u': 0.3243 v': 0.5507
R_ratio: 60.5 % G_ratio: 39.4 % B_ratio: 0.0 % RedRatio: 32.0 % GreenRatio: 68.0 % BlueRatio: 0.0 %

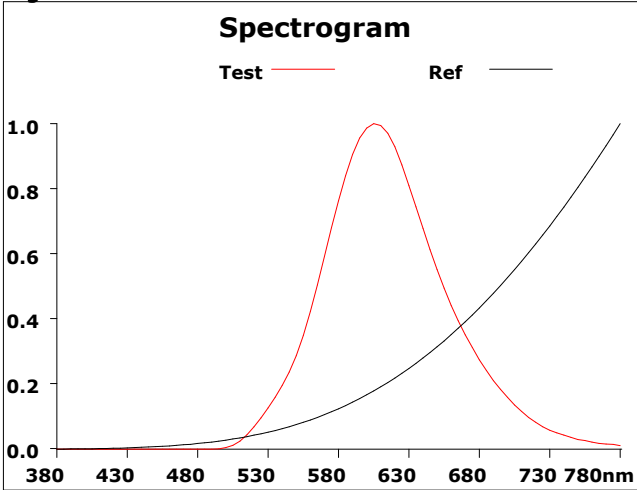
Ra: 52.3 AvgR: 40.1
R1: 46.7 R2: 71.3 R3: 83.1 R4: 35.9 R5: 41.0 R6: 59.2 R7: 65.5 R8: 15.8
R9: -68.9 R10: 41.0 R11: 16.5 R12: 15.5 R13: 48.6 R14: 90.9 R15: 39.3

CCT: 1785 K Flux: 733.332 lm PeakWave: 607.7 nm SDCM: 7.0
S/P: 0.5 CentralWave: 609.3 nm DominantWave: 589.1 nm CentroidWave: 616.0 nm
HalfWidth: 89.9 nm duv: 0.00687 purity: 99.4 % CQS: 2.3
LER(TM-30): 328.7 Ep: 2230.7 mw Rg: 9.6 Rf: 13.7
Red Ep: 1290.3 mw Near red Ep: 97.4 mw Near infrared Ep: 2.0 mw

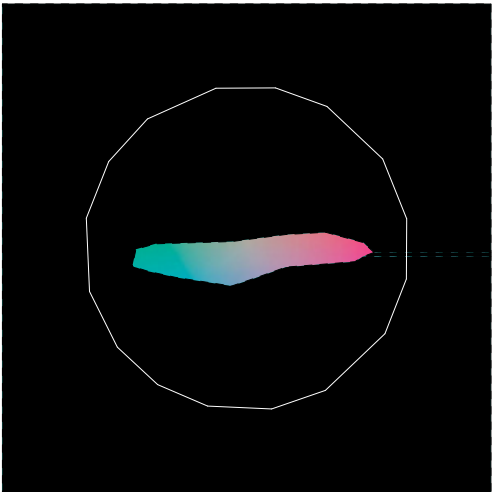
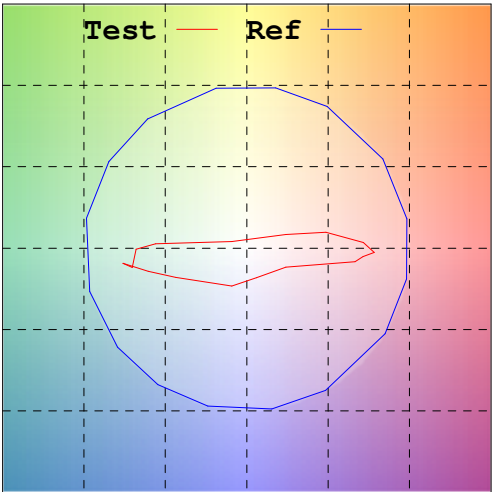
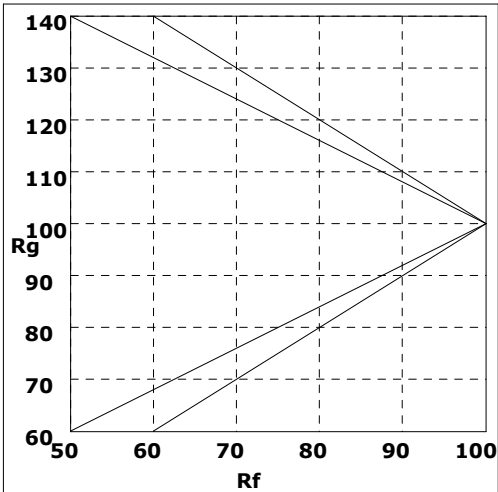
Electrical parameters:

Effic: 11.4 lm/W Energy: 12.5 Effi: G
U: 219.5 V I: 0.472 A P: 64.060 W Pf: 0.619

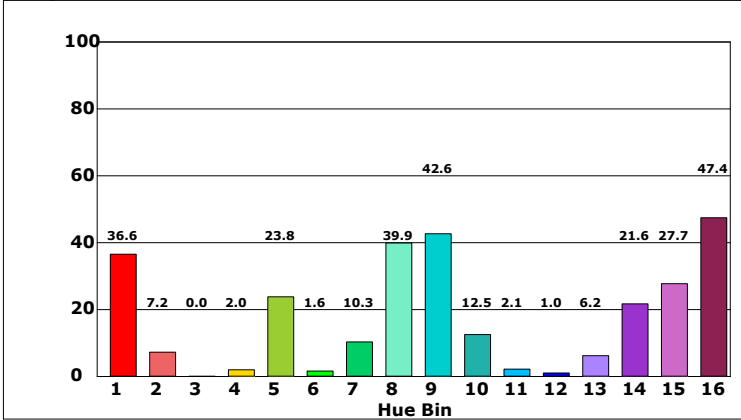
Rf: 13.7 CCT: 1785K u': 0.3243
Rg: 9.6 LER: 328.7 Duv: 0.00687 v': 0.5507



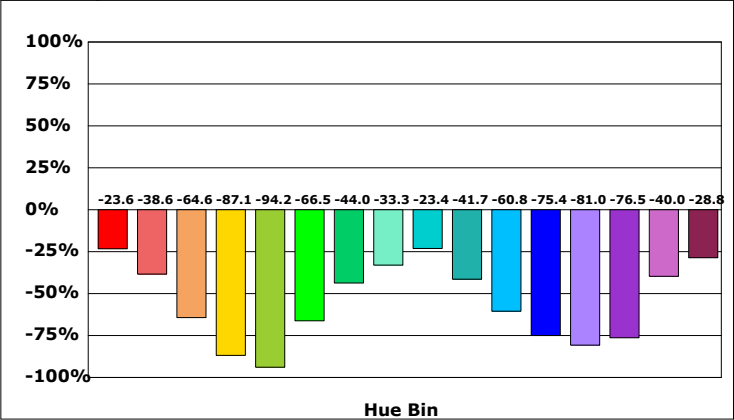
500			
Hue Bin	Rf	Chroma	Hue
1	36.6	-23.6%	-16.5%
2	7.2	-38.6%	-35.8%
3	0.0	-64.6%	-42.1%
4	2.0	-87.1%	-23.8%
5	23.8	-94.2%	8.8%
6	1.6	-66.5%	38.4%
7	10.3	-44.0%	35.5%
8	39.9	-33.3%	24.3%
9	42.6	-23.4%	-12.9%
10	12.5	-41.7%	-28.3%
11	2.1	-60.8%	-27.4%
12	1.0	-75.4%	0.2%
13	6.2	-81.0%	6.5%
14	21.6	-76.5%	21.7%
15	27.7	-40.0%	26.5%
16	47.4	-28.8%	8.3%



Rf by Hue

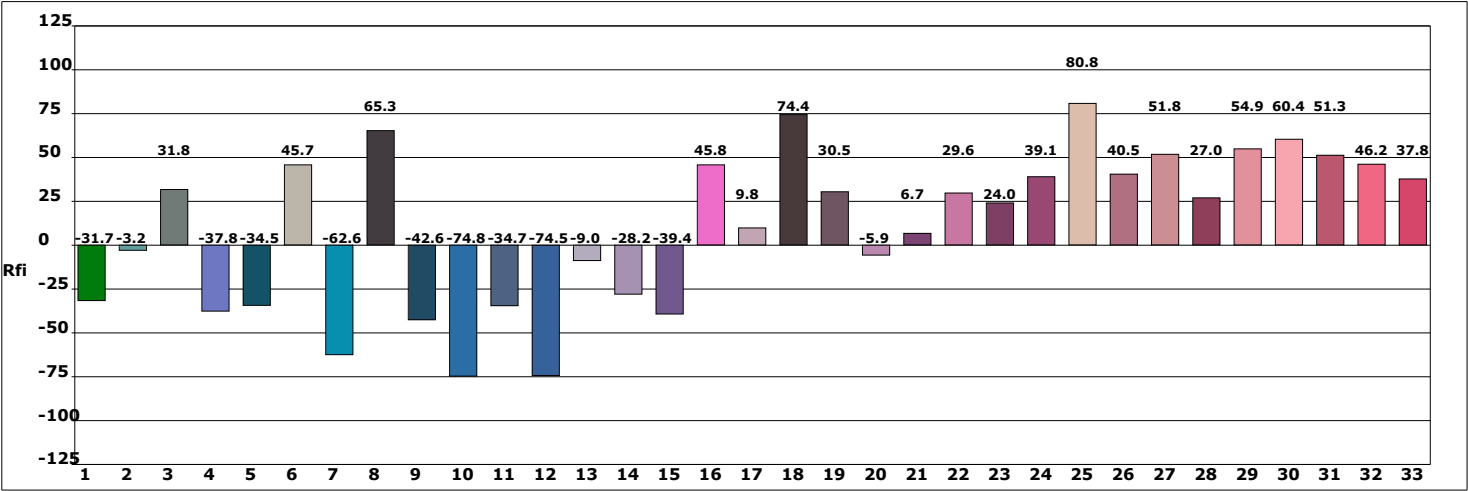
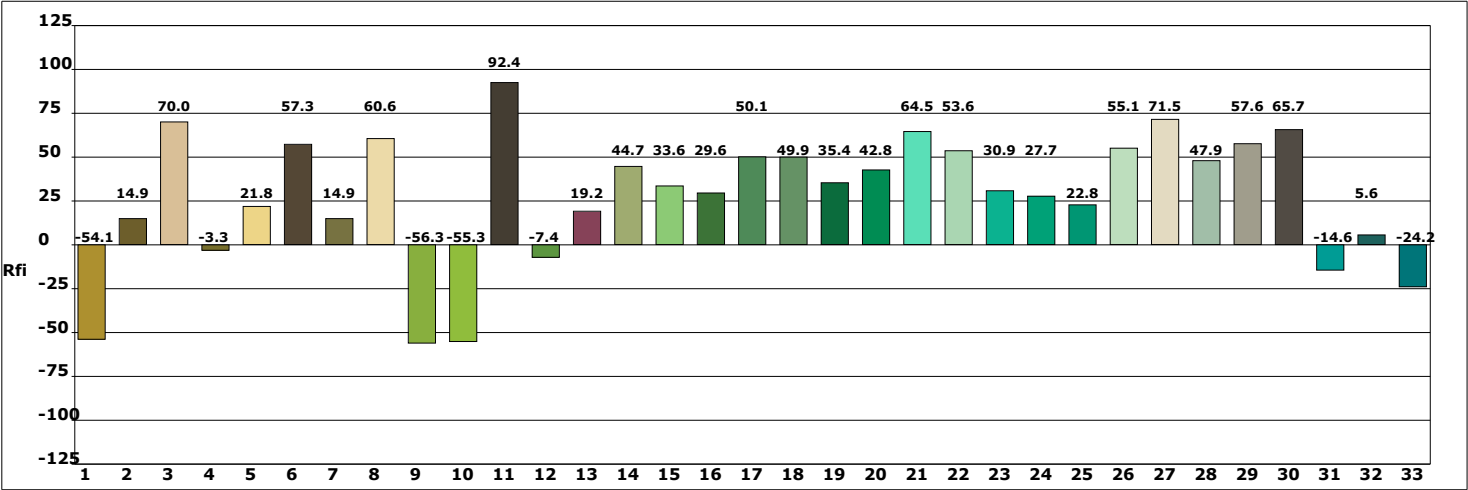
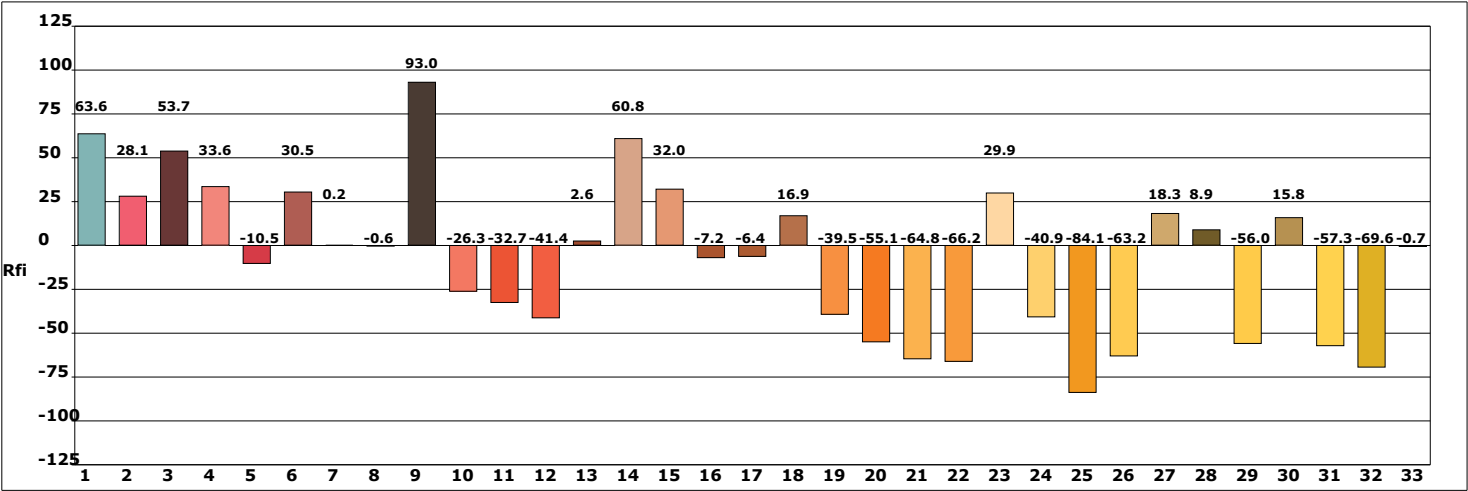


Chroma by Hue



Product model:
Product number:
Tester:
Remarks:

Manufacturer: Guangzhou Hotion Technology Co.,
Test unit:
Date of observation: 03/19/14



Product model:
Product number:
Tester:
Remarks:

Manufacturer: Guangzhou Hotion Technology Co.,
Test unit:
Date of observation: 03/19/14