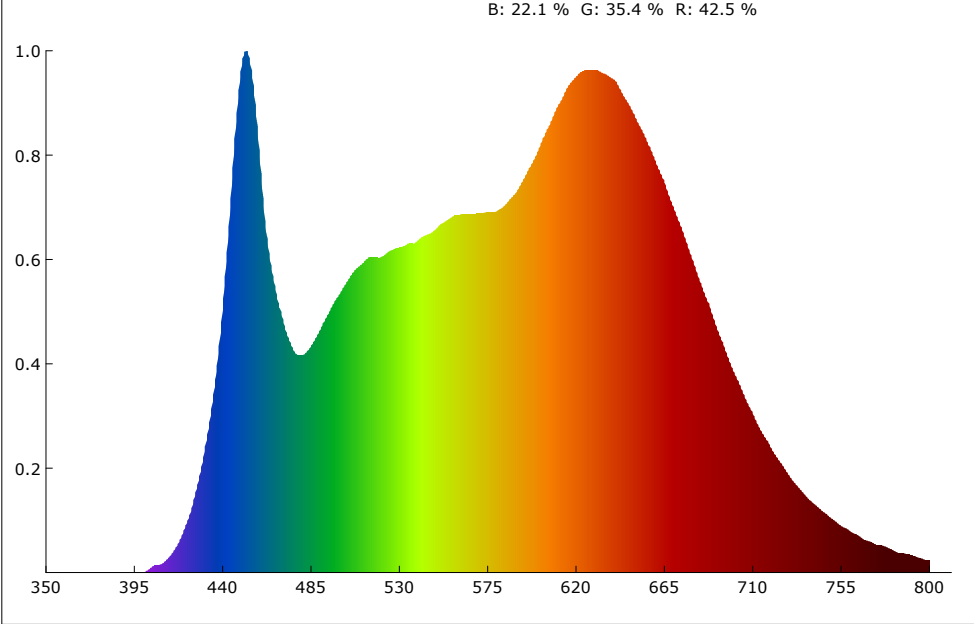
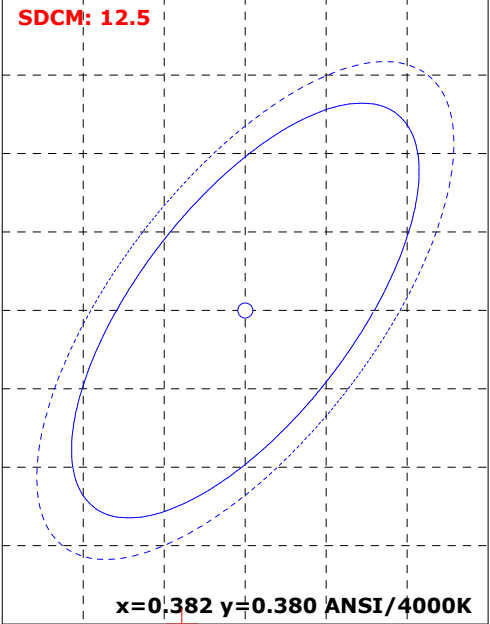


Spectrogram



SDCM



Color Parameter:

x: 0.3779 y: 0.3522 u: 0.2336 v: 0.3266 u': 0.2336 v': 0.4899
R_ratio: 42.5 % G_ratio: 35.4 % B_ratio: 22.1 % RedRatio: 22.0 % GreenRatio: 74.6 % BlueRatio: 3.3 %

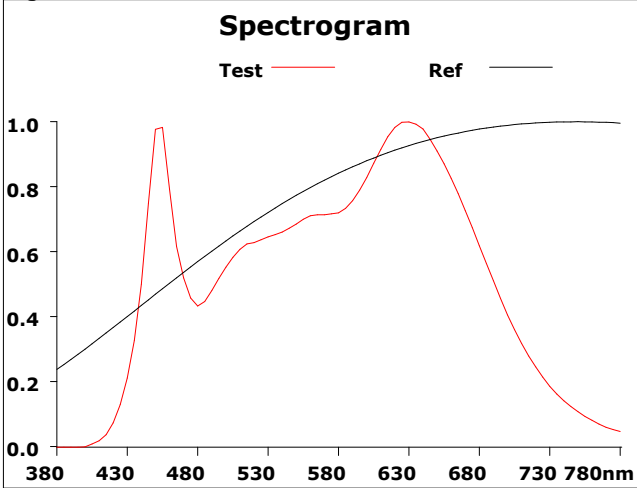
Ra: 92.8 AvgR: 90.2
R1: 89.7 R2: 92.9 R3: 97.8 R4: 92.0 R5: 90.4 R6: 90.0 R7: 98.6 R8: 91.3
R9: 75.5 R10: 87.2 R11: 88.4 R12: 83.4 R13: 89.8 R14: 98.0 R15: 87.4

CCT: 3873 K Flux: 13876.102 lm PeakWave: 452.3 nm SDCM: 12.5
S/P: 1.9 CentralWave: 455.1 nm DominantWave: 588.6 nm CentroidWave: 582.2 nm
HalfWidth: 29.4 nm duv: -0.01120 purity: 19.1 % CQS: 86.1
LER(TM-30): 253.9 Ep: 54652.2 mw Rg: 105.0 Rf: 93.3
Red Ep: 21607.1 mw Near red Ep: 3578.0 mw Near infrared Ep: 198.6 mw

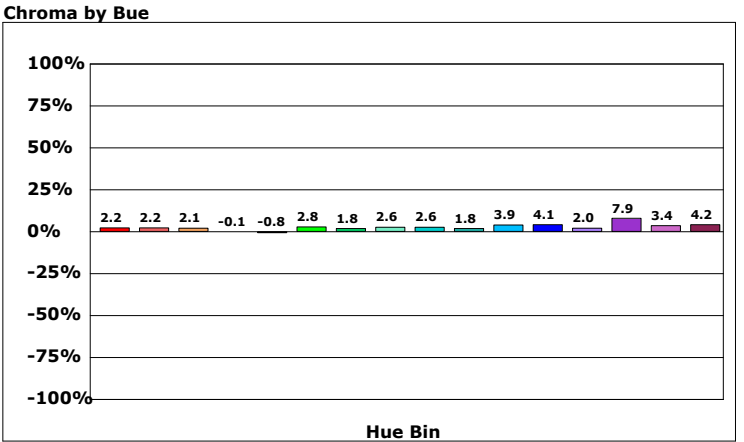
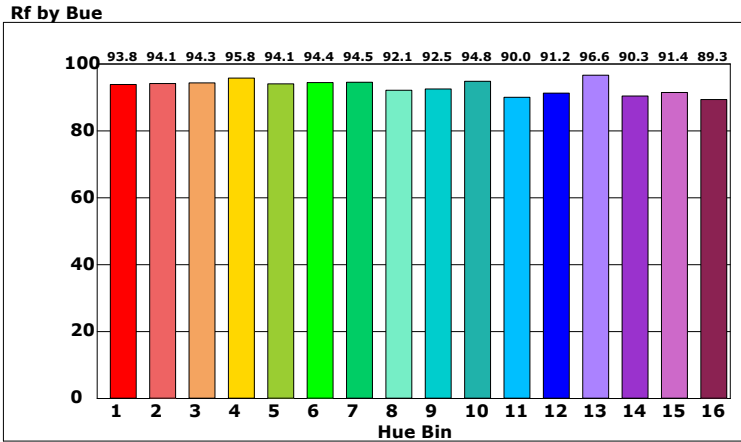
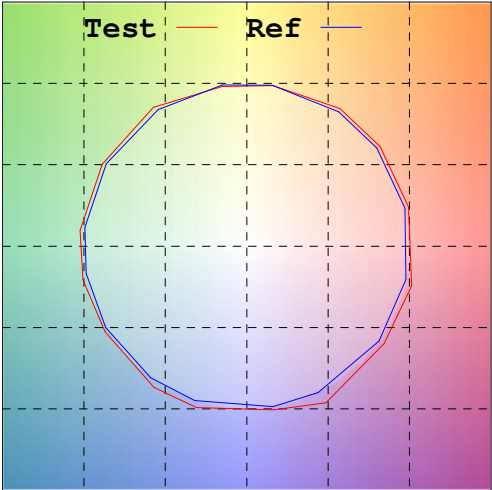
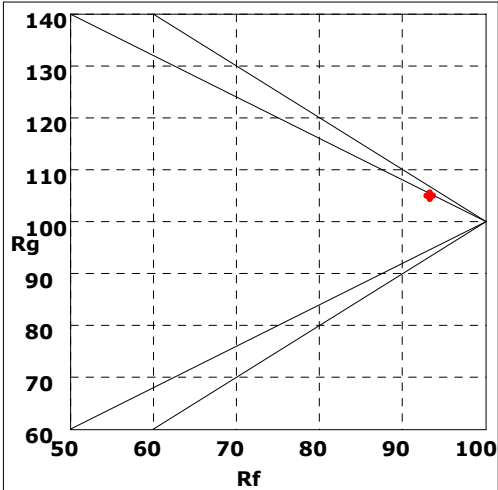
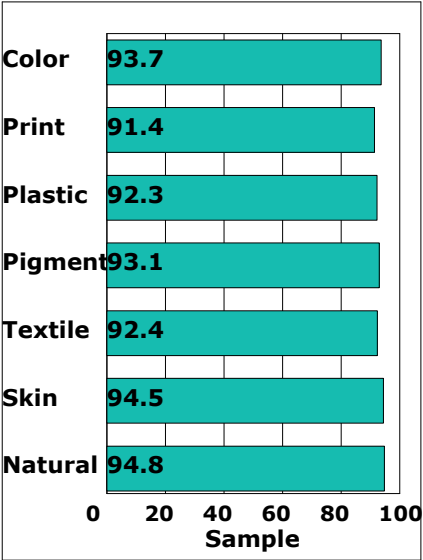
Electrical parameters:

Effic: 38.6 Lm/W Energy: 42.1 Effi: G
U: 220.9 V I: 1.646 A P: 359.300 W Pf: 0.988

Rf: 93.3 CCT: 3873K u': 0.2336
Rg: 105.0 LER: 253.9 Duv: -0.01120 v': 0.4899



500			
Hue Bin	Rf	Chroma	Hue
1	93.8	2.2%	0.5%
2	94.1	2.2%	-0.1%
3	94.3	2.1%	0.5%
4	95.8	-0.1%	-0.6%
5	94.1	-0.8%	0.3%
6	94.4	2.8%	1.5%
7	94.5	1.8%	1.7%
8	92.1	2.6%	2.5%
9	92.5	2.6%	3.5%
10	94.8	1.8%	2.0%
11	90.0	3.9%	4.8%
12	91.2	4.1%	1.9%
13	96.6	2.0%	0.0%
14	90.3	7.9%	0.4%
15	91.4	3.4%	0.4%
16	89.3	4.2%	-2.9%



Product model:
Product number:
Tester:
Remarks:

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

