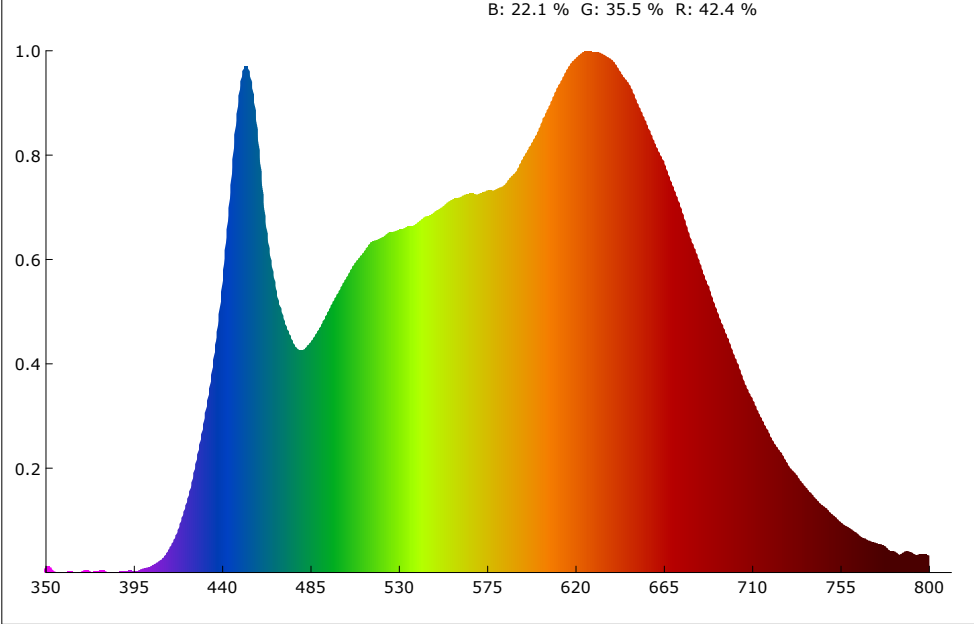
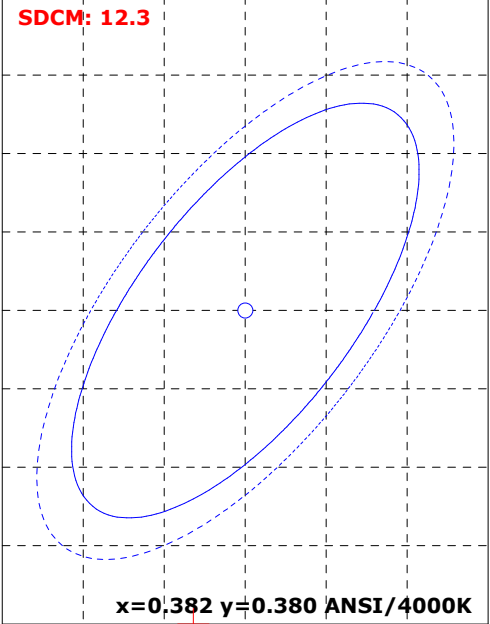


Spectrogram



SDCM



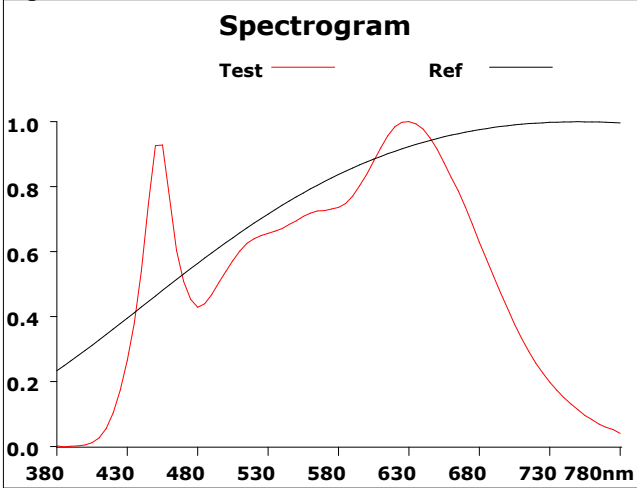
Color Parameter:

x: 0.3786	y: 0.3532	u: 0.2337	v: 0.3270	u': 0.2337	v': 0.4905		
R_ratio: 42.4 %	G_ratio: 35.5 %	B_ratio: 22.1 %	RedRatio: 21.9 %	GreenRatio: 74.9 %	BlueRatio: 3.2 %		
Ra: 93.5		AvgR: 91.3					
R1: 91.0	R2: 94.0	R3: 97.2	R4: 92.3	R5: 91.6	R6: 91.4	R7: 98.4	R8: 92.5
R9: 79.1	R10: 89.9	R11: 89.1	R12: 85.9	R13: 91.2	R14: 97.6	R15: 88.9	
CCT: 3860 K		Flux: 5304.167 lm	PeakWave: 625.6 nm	SDCM: 12.3			
S/P: 1.9		CentralWave: 592.6 nm	DominantWave: 588.2 nm	CentroidWave: 582.3 nm			
HalfWidth: 197.4 nm		duv: -0.01092	purity: 19.6 %	CQS: 85.7			
LER(TM-30): 253.3		Ep: 20940.6 mw	Rg: 105.2	Rf: 93.5			
Red Ep: 8239.5 mw		Near red Ep: 1417.3 mw	Near infrared Ep: 79.3 mw				

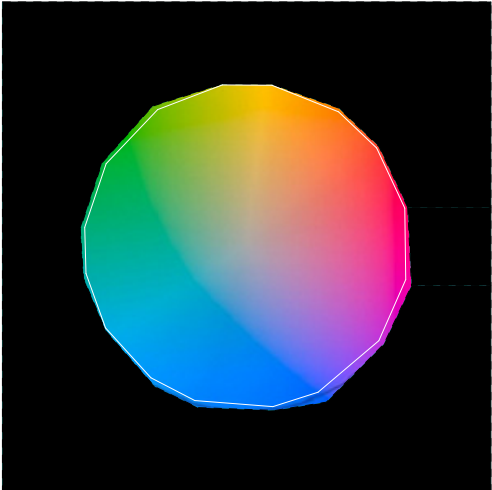
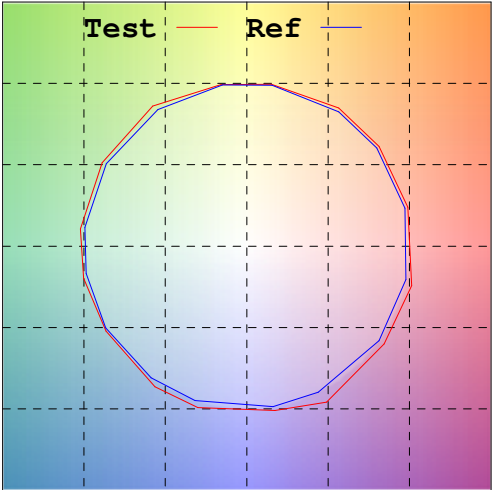
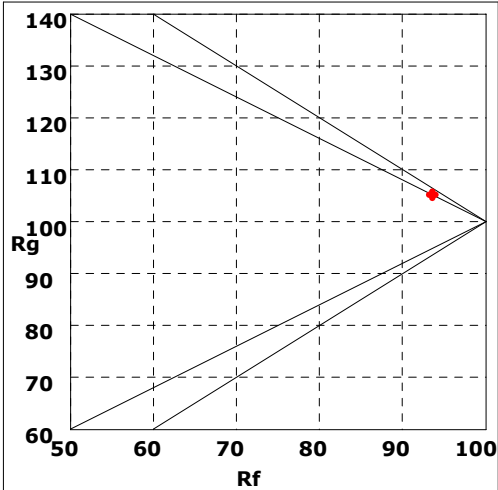
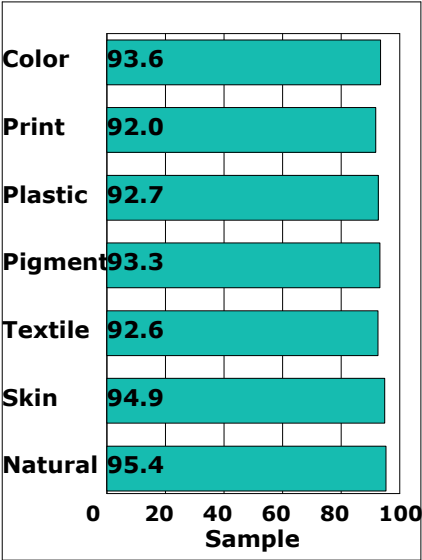
Electrical parameters:

Effic: 24.7 Lm/W	Energy: 26.9	Effi: G	
U: 219.2 V	I: 1.398 A	P: 214.800 W	Pf: 0.700

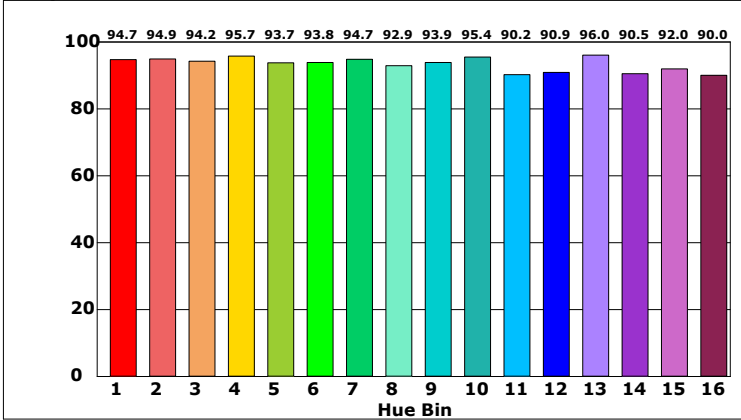
Rf: 93.5 CCT: 3860K u': 0.2337
Rg: 105.2 LER: 253.3 Duv: -0.01092 v': 0.4905



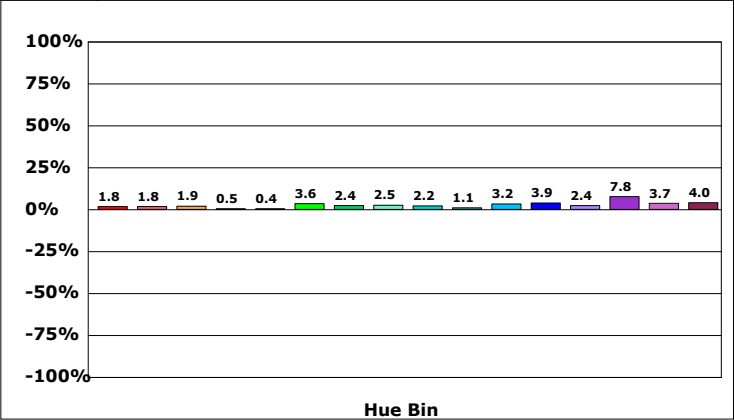
500			
Hue Bin	Rf	Chroma	Hue
1	94.7	1.8%	0.2%
2	94.9	1.8%	0.2%
3	94.2	1.9%	1.4%
4	95.7	0.5%	0.6%
5	93.7	0.4%	1.1%
6	93.8	3.6%	1.4%
7	94.7	2.4%	0.9%
8	92.9	2.5%	1.5%
9	93.9	2.2%	2.5%
10	95.4	1.1%	1.8%
11	90.2	3.2%	5.0%
12	90.9	3.9%	2.7%
13	96.0	2.4%	0.7%
14	90.5	7.8%	0.9%
15	92.0	3.7%	0.1%
16	90.0	4.0%	-3.0%



Rf by Bue

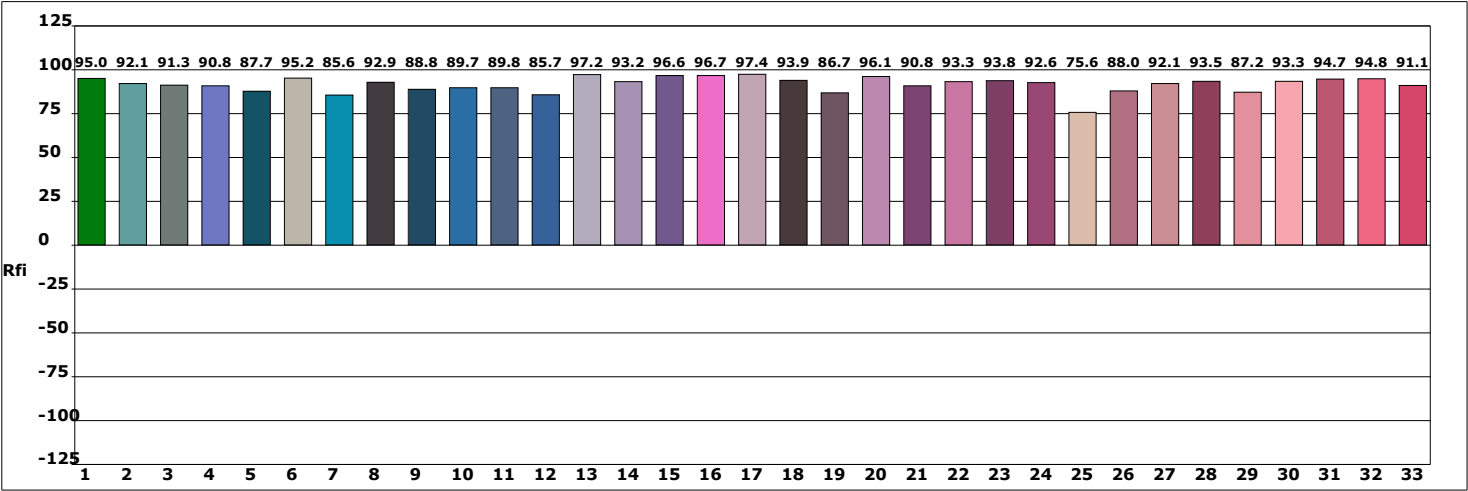
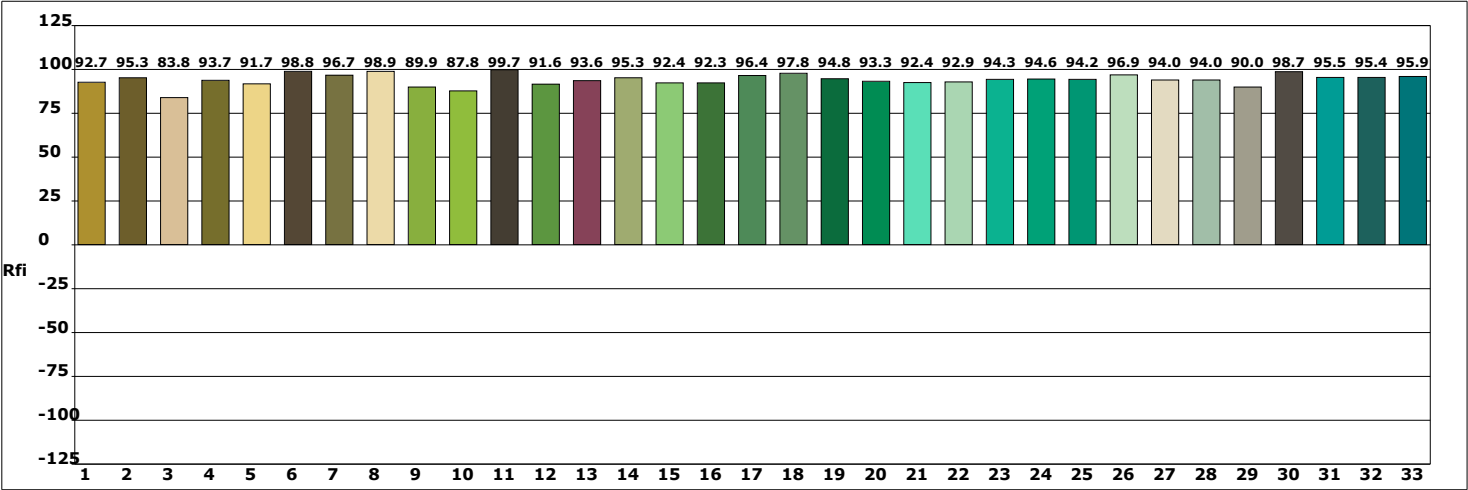
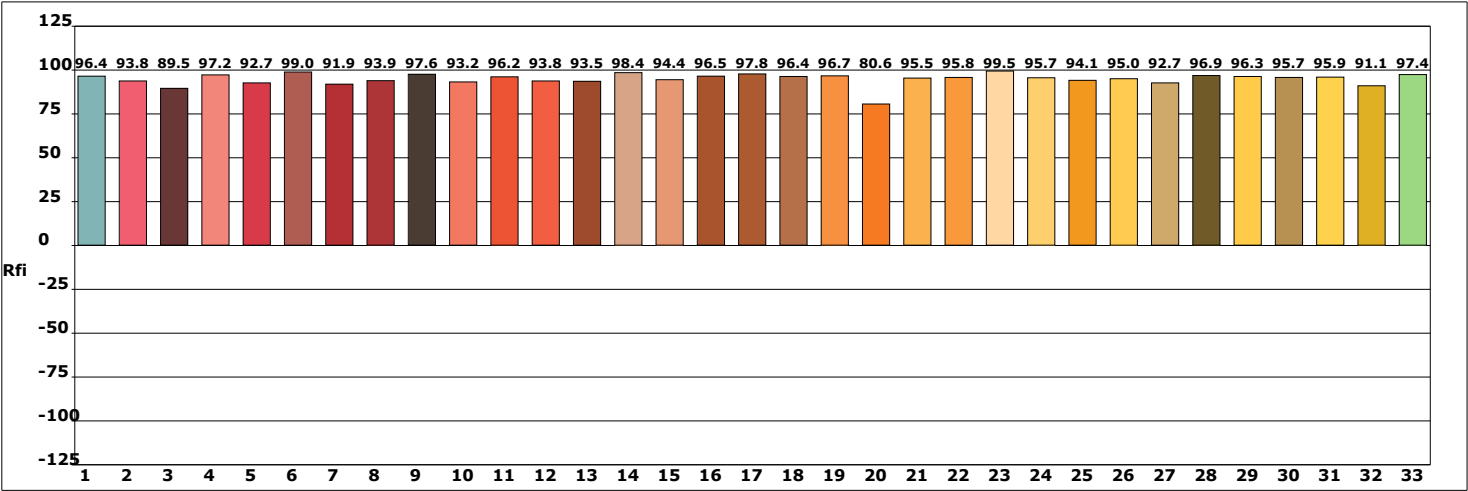


Chroma by Bue



Product model:
Product number:
Tester:
Remarks:

Manufacturer: Guangzhou Hotion Technology Co.,
Test unit:
Date of observation: 06/29/14



Product model:
Product number:
Tester:
Remarks:

Manufacturer: Guangzhou Hotion Technology Co.,
Test unit:
Date of observation: 06/29/14