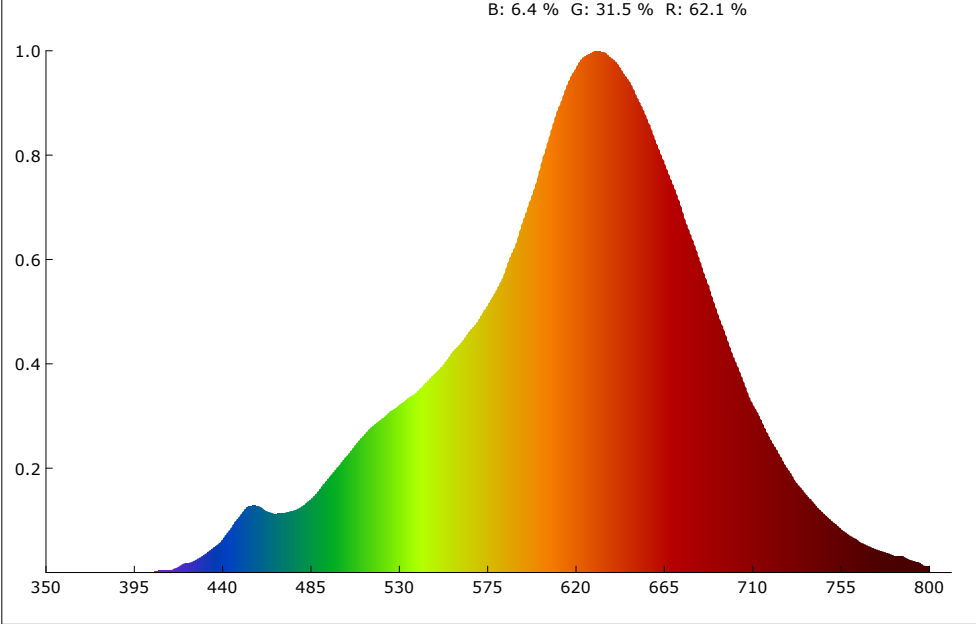
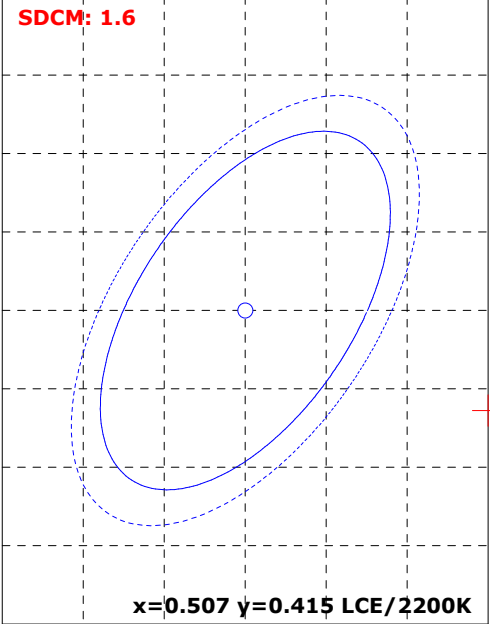


Spectrogram



SDCM



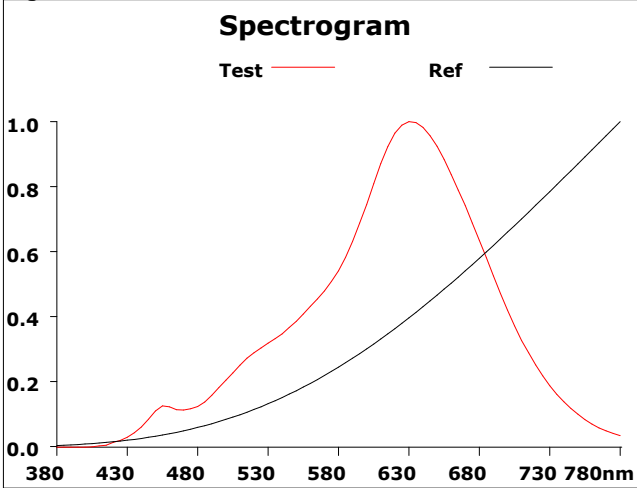
Color Parameter:

x: 0.5038	y: 0.4136	u: 0.2897	v: 0.3568	u': 0.2897	v': 0.5352
R_ratio: 62.1 %	G_ratio: 31.5 %	B_ratio: 6.4 %	RedRatio: 31.6 %	GreenRatio: 67.3 %	BlueRatio: 1.1 %
Ra: 95.8	AvgR: 94.4				
R1: 99.5	R2: 98.5	R3: 98.4	R4: 98.9	R5: 98.6	R6: 92.9
R7: 92.6	R8: 87.5	R9: 75.4	R10: 97.5	R11: 93.8	R12: 89.9
R13: 99.0	R14: 98.9	R15: 94.3			
CCT: 2207 K	Flux: 3525.445 lm	PeakWave: 630.5 nm	SDCM: 1.6		
S/P: 1.1	CentralWave: 632.7 nm	DominantWave: 587.4 nm	CentroidWave: 618.4 nm		
HalfWidth: 118.1 nm	duv: -0.00050	purity: 75.4 %	CQS: 79.9		
LER(TM-30): 245.5	Ep: 14358.2 mw	Rg: 100.0	Rf: 94.4		
Red Ep: 8070.2 mw	Near red Ep: 1321.8 mw	Near infrared Ep: 52.6 mw			

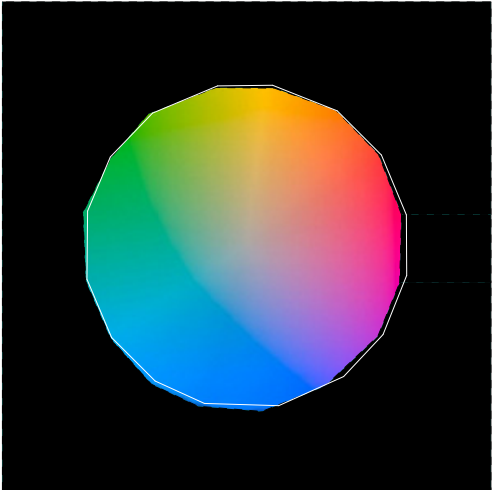
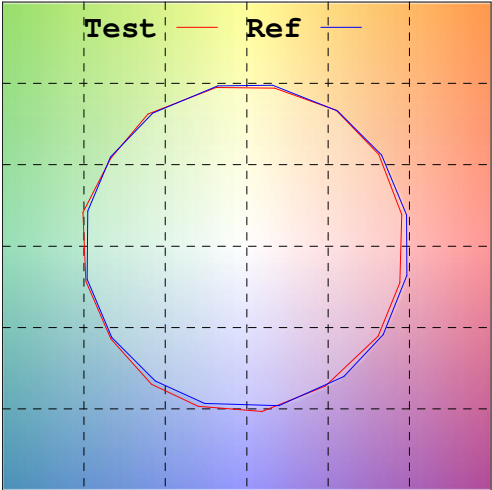
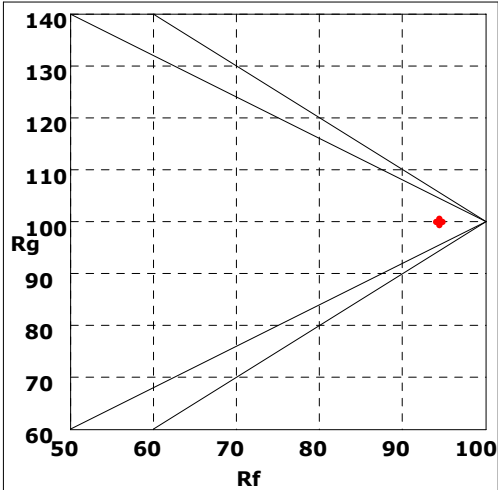
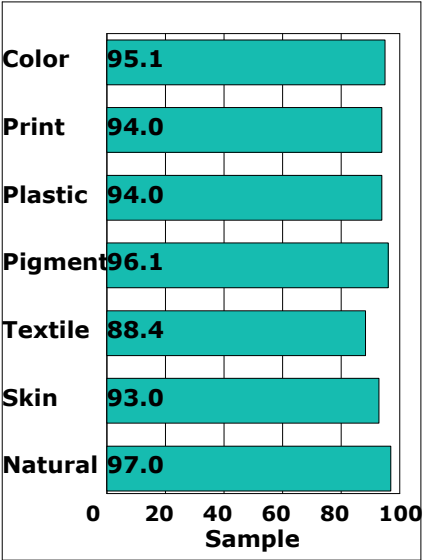
Electrical parameters:

Effic: 15.6 Lm/W	Energy: 17.0	Effi: G	
U: 219.2 V	I: 1.470 A	P: 226.400 W	Pf: 0.702

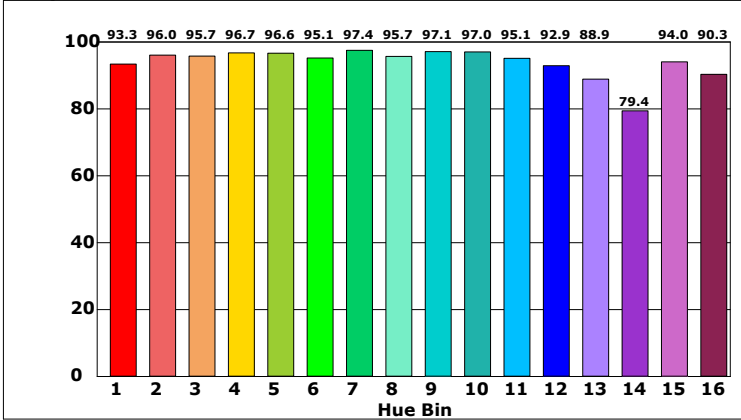
Rf: 94.4 CCT: 2207K u': 0.2897
Rg: 100.0 LER: 245.5 Duv: -0.00050 v': 0.5352



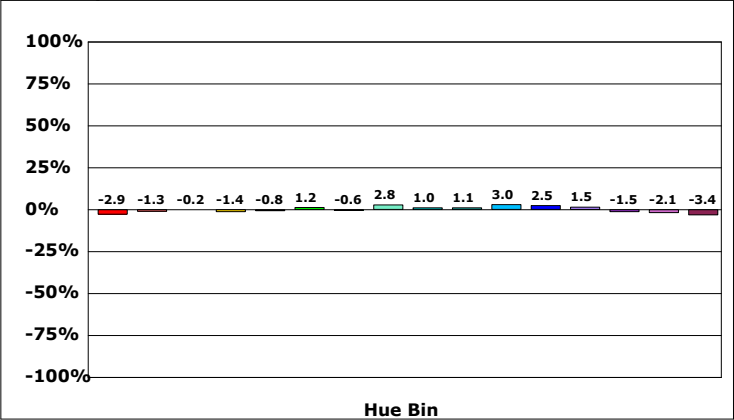
500			
Hue Bin	Rf	Chroma	Hue
1	93.3	-2.9%	0.7%
2	96.0	-1.3%	1.2%
3	95.7	-0.2%	1.0%
4	96.7	-1.4%	-1.4%
5	96.6	-0.8%	1.0%
6	95.1	1.2%	2.8%
7	97.4	-0.6%	0.5%
8	95.7	2.8%	1.4%
9	97.1	1.0%	0.9%
10	97.0	1.1%	0.4%
11	95.1	3.0%	-0.8%
12	92.9	2.5%	-3.6%
13	88.9	1.5%	-10.8%
14	79.4	-1.5%	-12.8%
15	94.0	-2.1%	-2.5%
16	90.3	-3.4%	-5.2%



Rf by Bue

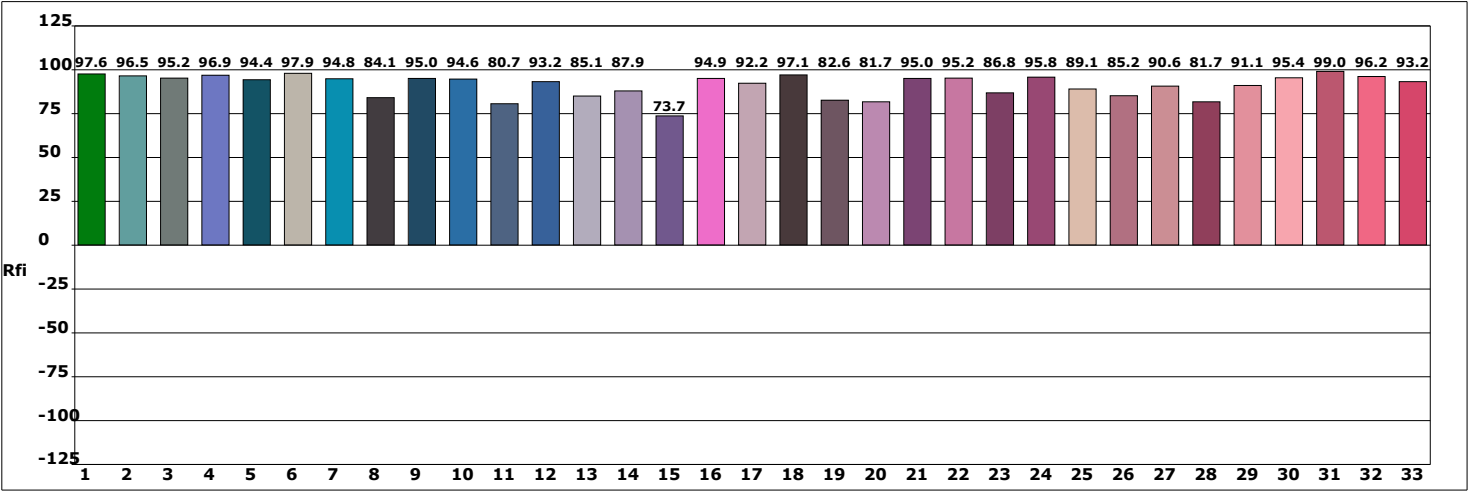
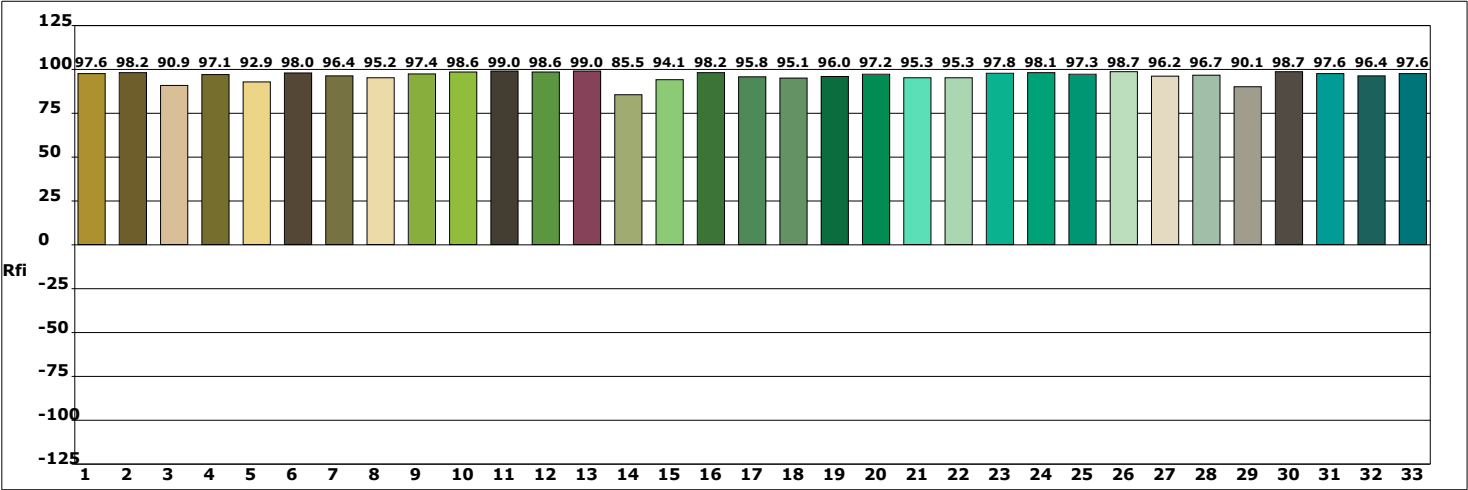
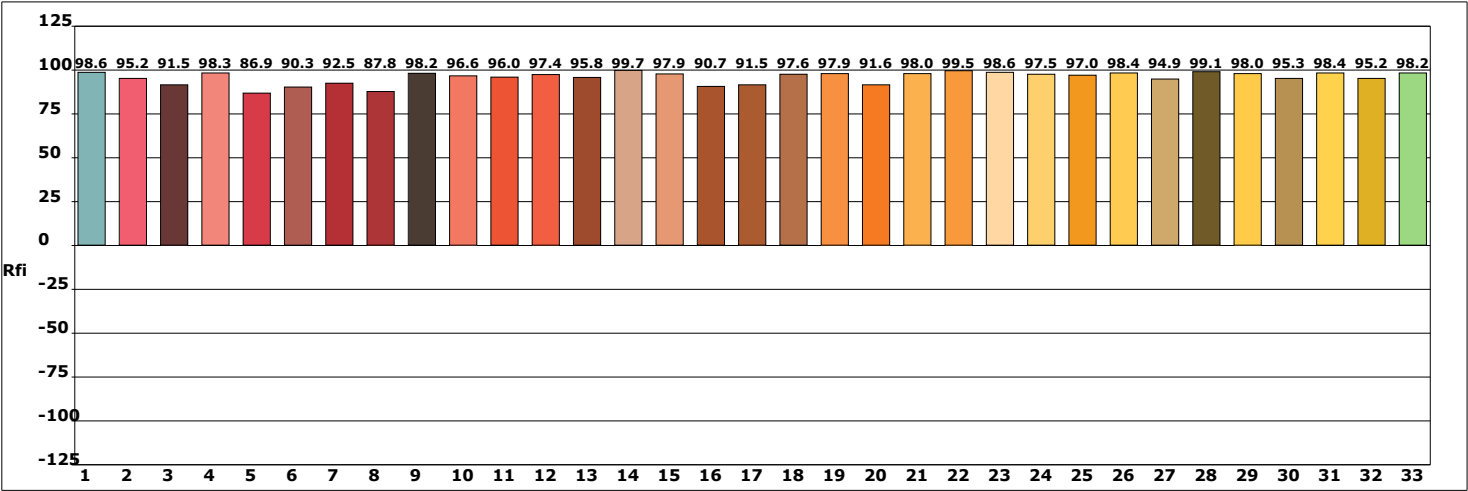


Chroma by Bue



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