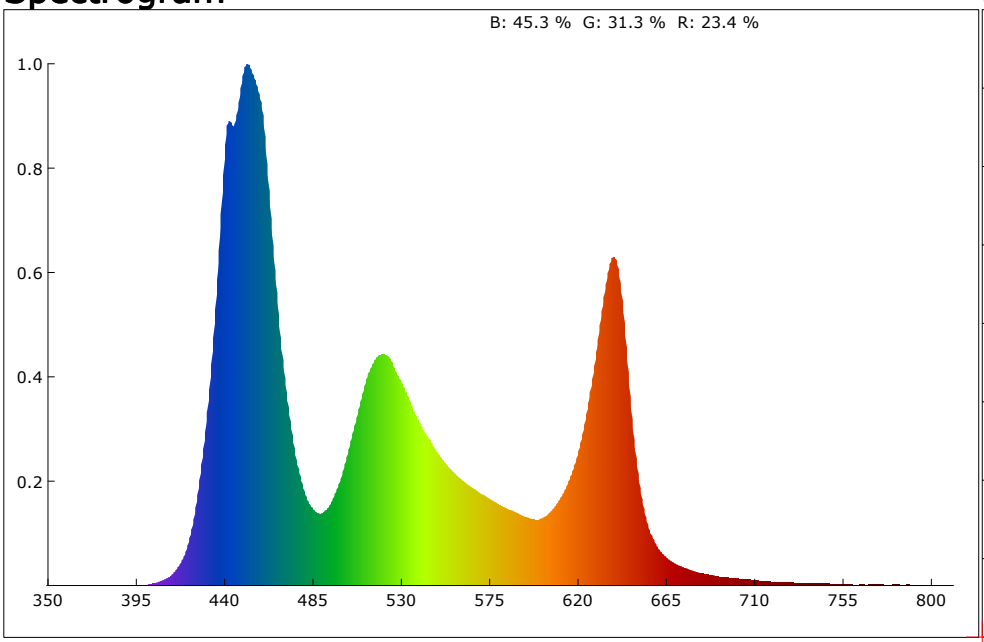
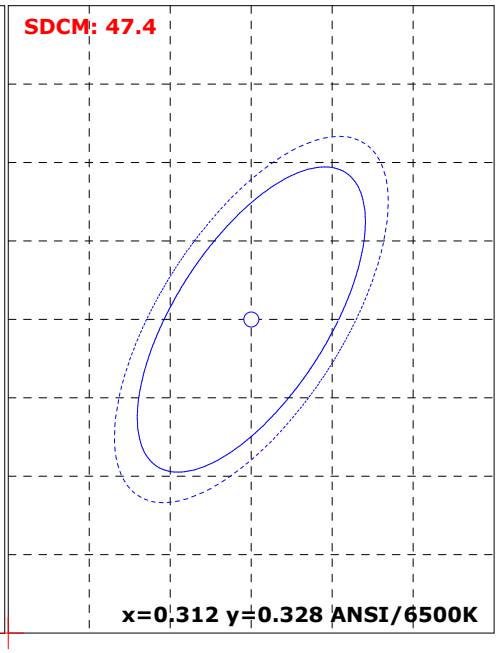
Spectrogram



SDCM



Color Parameter:

x: 0.2594	y: 0.2380	u: 0.1944	v: 0.2676	u': 0.1944	v': 0.4014
R_ratio: 23.4 %	G_ratio: 31.3 %	B_ratio: 45.3 %	RedRatio: 16.8 %	GreenRatio: 76.3 %	BlueRatio: 6.9 %

Ra: 69.7	AvgR: 57.2						
R1: 63.4	R2: 89.8	R3: 65.3	R4: 61.5	R5: 75.1	R6: 90.1	R7: 76.8	R8: 35.7
R9: -99.0	R10: 86.1	R11: 51.8	R12: 67.9	R13: 70.2	R14: 78.2	R15: 45.7	

CCT: 33814 K	Flux: 1704.207 lm	PeakWave: 452.3 nm	SDCM: 47.4
S/P: 3.2	CentralWave: 452.1 nm	DominantWave: 470.7 nm	CentroidWave: 525.0 nm
HalfWidth: 33.1 nm	duv: -0.01287	purity: 35.0 %	CQS: 90.0
LER(TM-30): 225.7	Ep: 7550.3 mw	Rg: 115.3	Rf: 73.2
Red Ep: 1757.0 mw	Near red Ep: 42.2 mw	Near infrared Ep: 3.5 mw	

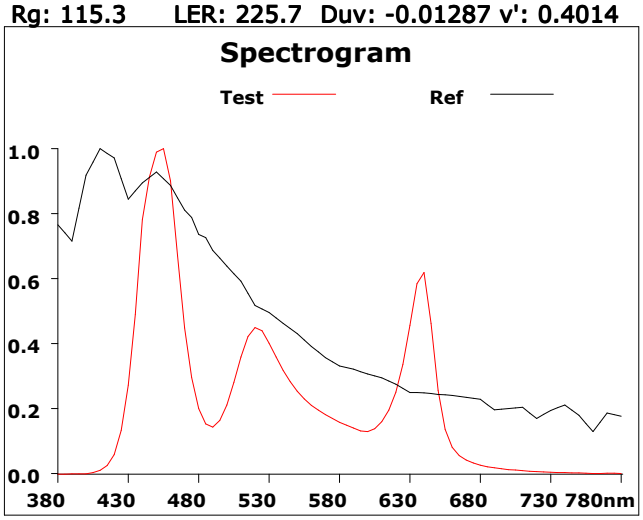
Electrical parameters:

Effic: 9.1 Lm/W	Energy: 10.0	Effi: G	
U: 223.2 V	I: 0.876 A	P: 186.400 W	Pf: 0.953

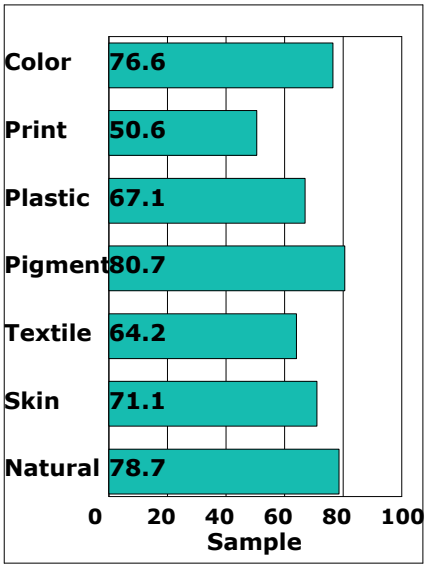
Product model:
Product number:
Tester:
Remarks:

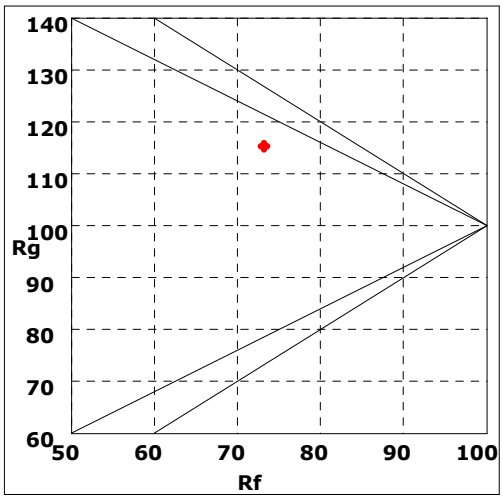
Manufacturer: Guangzhou Hotion Technology Co.,
Test unit:
Date of observation: 08/22/14

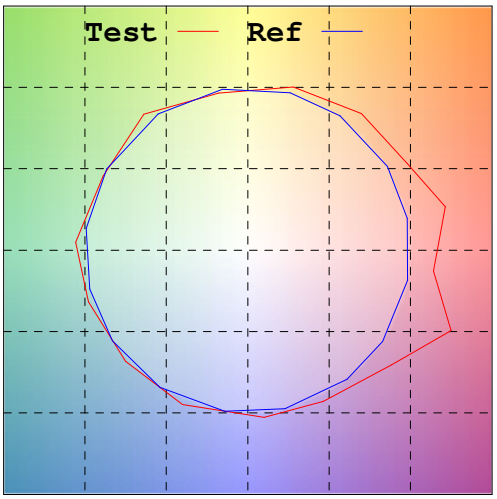
Rf: 73.2 CCT: 33814K u': 0.1944
Rg: 115.3 LER: 225.7 Duv: -0.01287 v': 0.4014

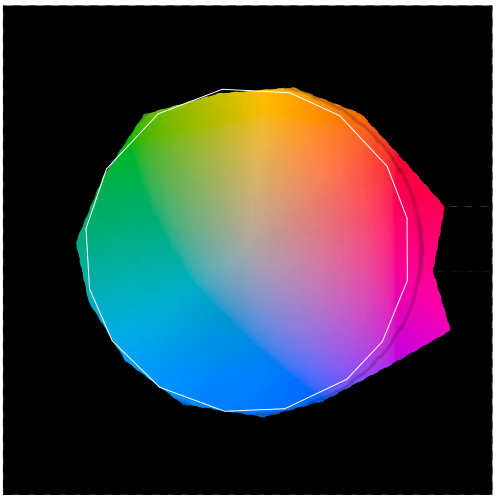


		500	
Hue Bin	Rf	Chroma	Hue
1	52.8	24.3%	2.4%
2	73.0	11.0%	-5.3%
3	75.8	8.4%	-10.2%
4	84.2	4.0%	-1.2%
5	79.8	-1.8%	2.9%
6	82.9	4.8%	7.5%
7	75.2	-0.7%	4.7%
8	81.6	4.7%	9.5%
9	82.0	2.2%	7.6%
10	78.7	0.3%	14.7%
11	62.8	1.2%	17.5%
12	69.8	-1.0%	24.4%
13	60.3	0.1%	24.0%
14	53.2	8.0%	27.7%
15	50.6	31.4%	29.0%
16	63.8	14.4%	8.7%

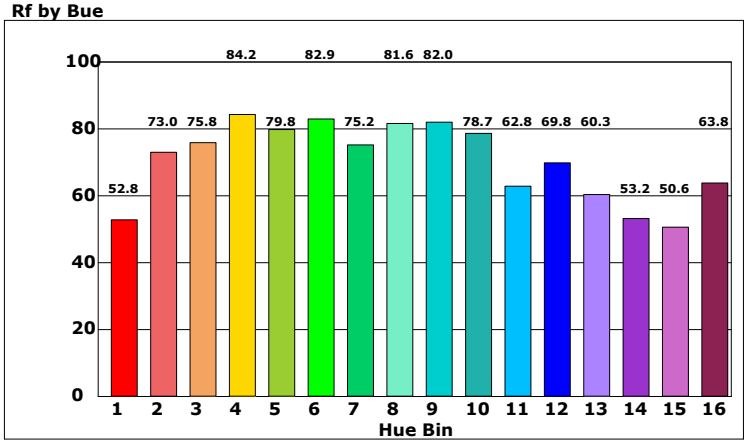




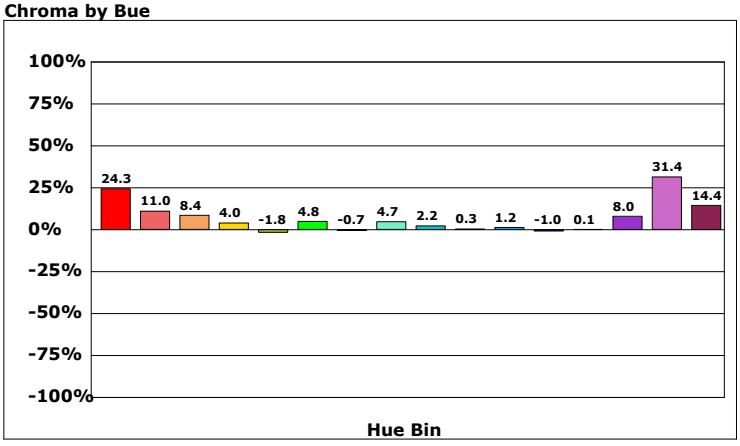




Rf by Bue

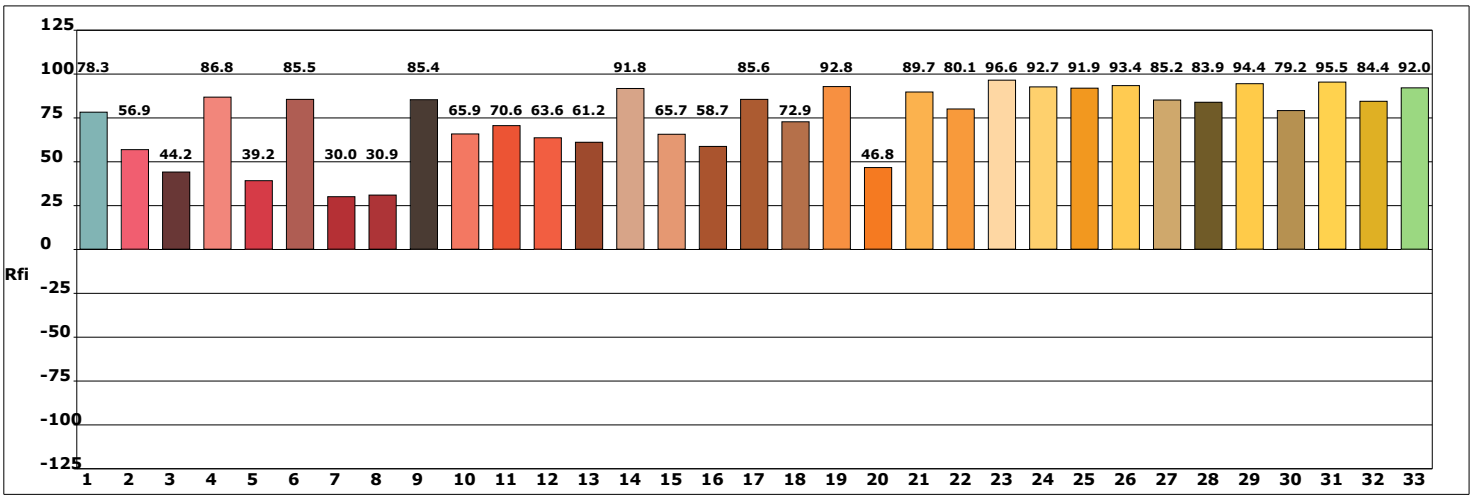


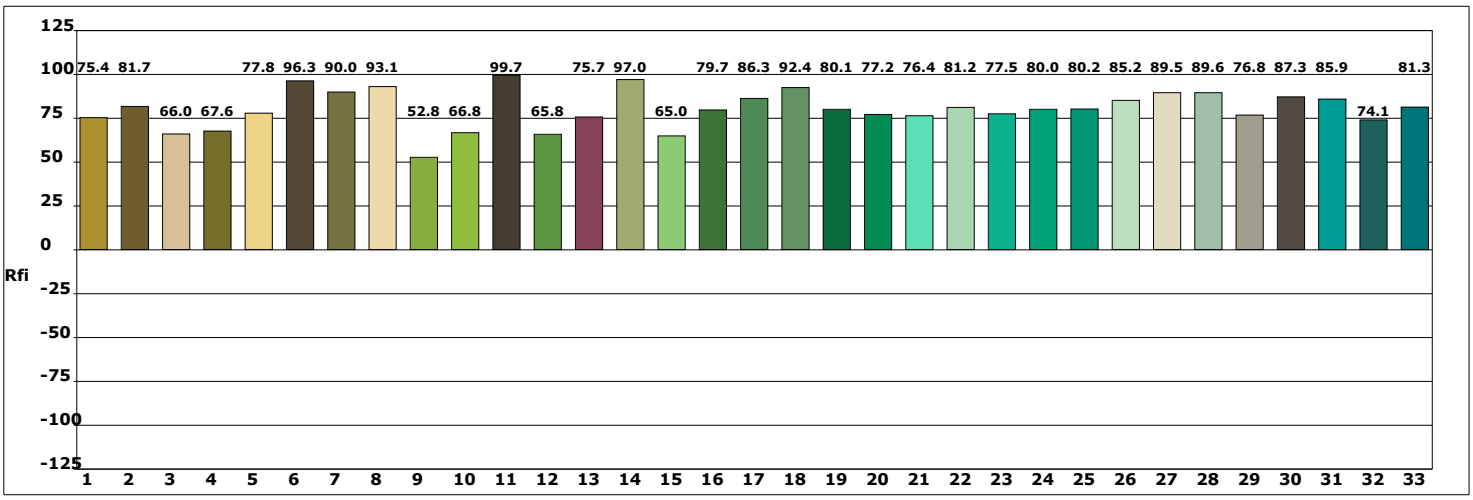
Chroma by Bue

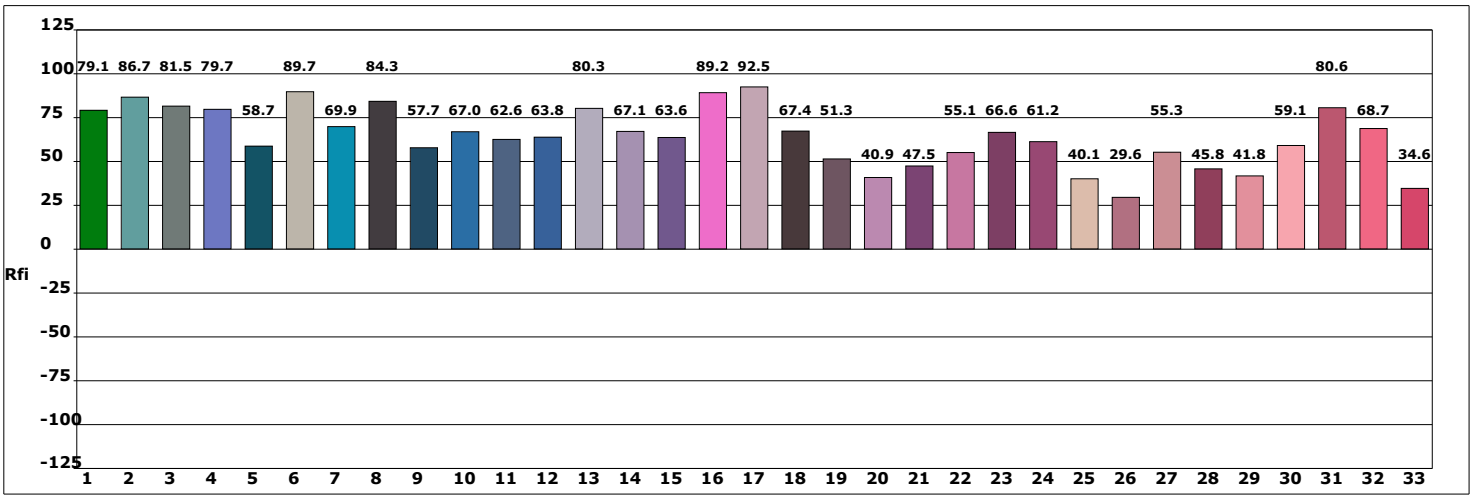


Product model:
Product number:
Tester:
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Manufacturer: Guangzhou Hotion Technology Co.,
Test unit:
Date of observation: 08/22/14







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