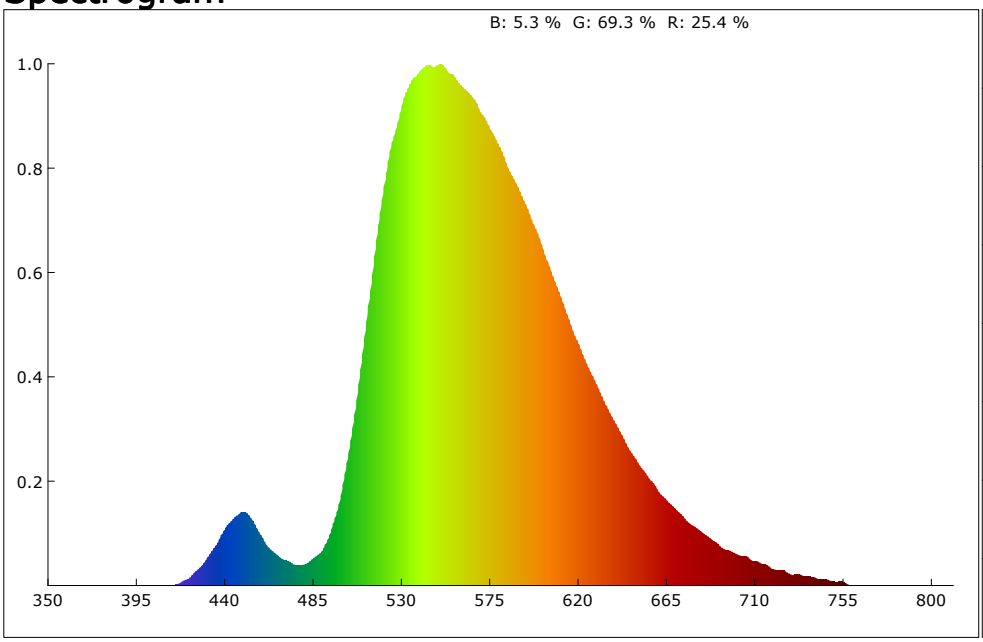
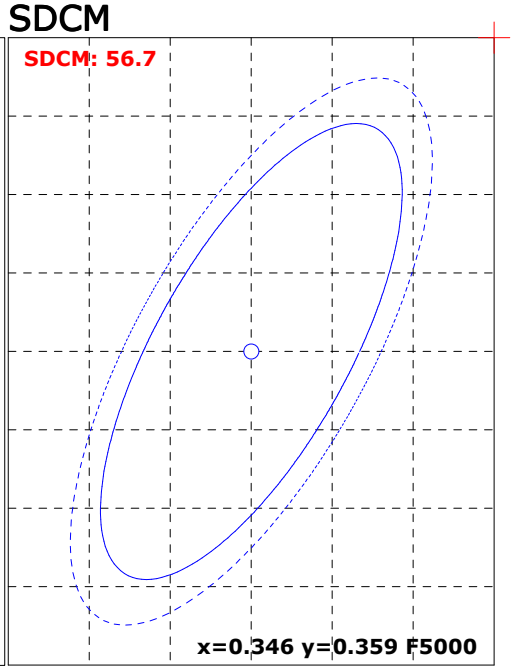
Spectrogram



SDCM



Color Parameter:

x: 0.4091	y: 0.5224	u: 0.1936	v: 0.3709	u': 0.1936	v': 0.5563
R_ratio: 25.4 %	G_ratio: 69.3 %	B_ratio: 5.3 %	RedRatio: 10.9 %	GreenRatio: 88.7 %	BlueRatio: 0.4 %

Ra: 54.8 AvgR: 36.9

R1: 41.9	R2: 59.5	R3: 82.1	R4: 47.9	R5: 41.8	R6: 47.0	R7: 86.1	R8: 32.4
R9: -99.0	R10: 11.1	R11: 34.0	R12: 4.8	R13: 44.0	R14: 90.7	R15: 29.1	

CCT: 4169 K	Flux: 855.005 lm	PeakWave: 544.3 nm	SDCM: 56.7
S/P: 1.3	CentralWave: 564.4 nm	DominantWave: 567.8 nm	CentroidWave: 570.6 nm
HalfWidth: 103.6 nm	duv: 0.04802	purity: 79.8 %	CQS: 70.7
LER(TM-30): 457.0	Ep: 1870.9 mw	Rg: 69.3	Rf: 62.4
Red Ep: 468.1 mw	Near red Ep: 25.8 mw	Near infrared Ep: 0.0 mw	

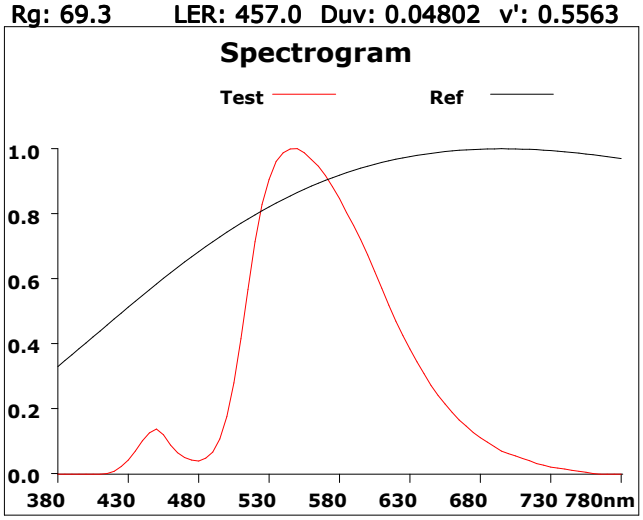
Electrical parameters:

Effic: 15.0 Lm/W	Energy: 16.4	Effi: G	
U: 222.9 V	I: 0.307 A	P: 56.840 W	Pf: 0.829

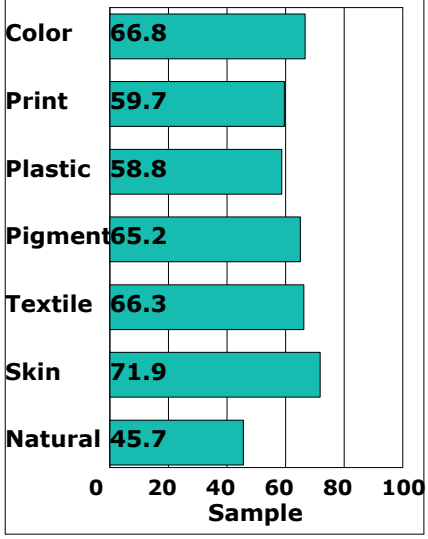
Product model:
Product number:
Tester:
Remarks:

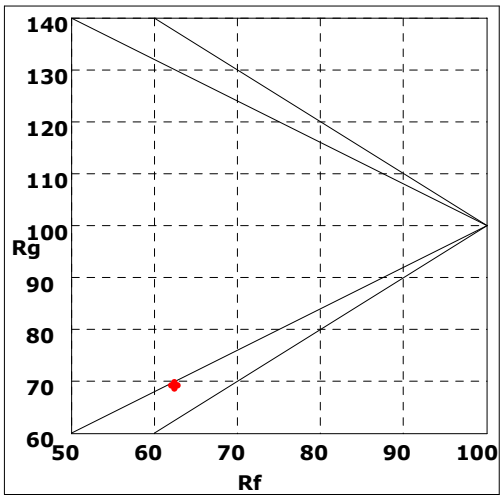
Manufacturer: Guangzhou Hotion Technology Co.,
Test unit:
Date of observation: 08/22/14

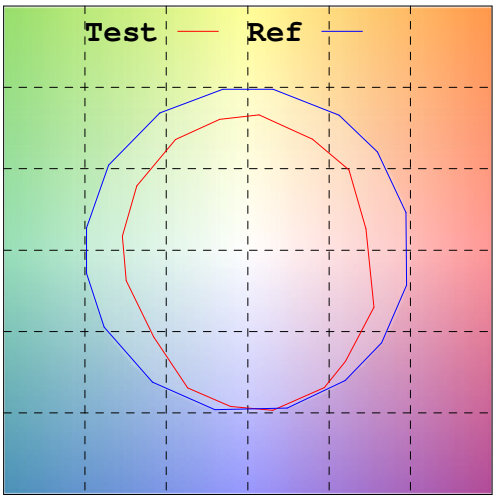
Rf: 62.4 CCT: 4169K u': 0.1936
Rg: 69.3 LER: 457.0 Duv: 0.04802 v': 0.5563

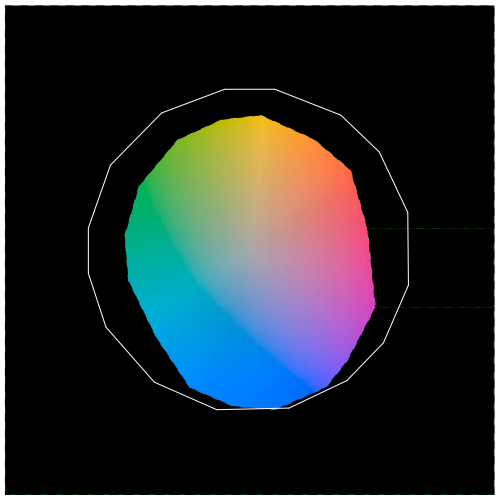


		500	
Hue Bin	Rf	Chroma	Hue
1	50.0	-26.1%	-4.9%
2	57.0	-20.8%	0.5%
3	54.1	-21.2%	5.4%
4	68.3	-17.1%	5.4%
5	71.0	-17.9%	5.6%
6	68.3	-18.8%	1.0%
7	64.1	-21.4%	1.0%
8	59.4	-22.6%	0.6%
9	62.8	-23.1%	9.1%
10	45.7	-22.0%	22.0%
11	63.6	-9.1%	20.0%
12	78.0	-3.8%	9.0%
13	80.9	-0.4%	-8.8%
14	68.6	-3.5%	-12.9%
15	59.7	-12.0%	-21.8%
16	55.2	-17.1%	-17.3%

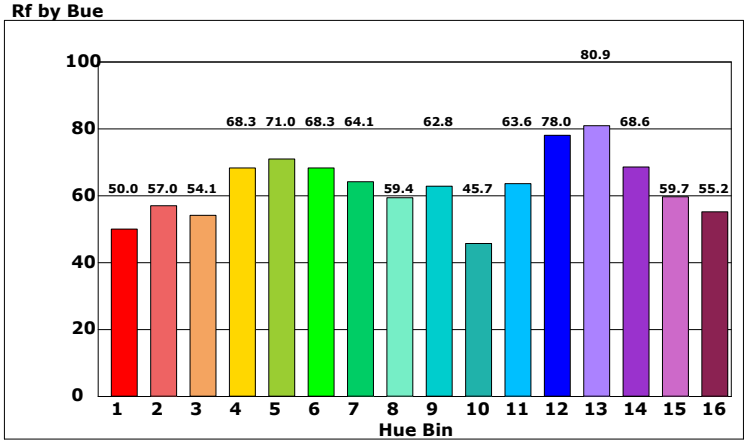




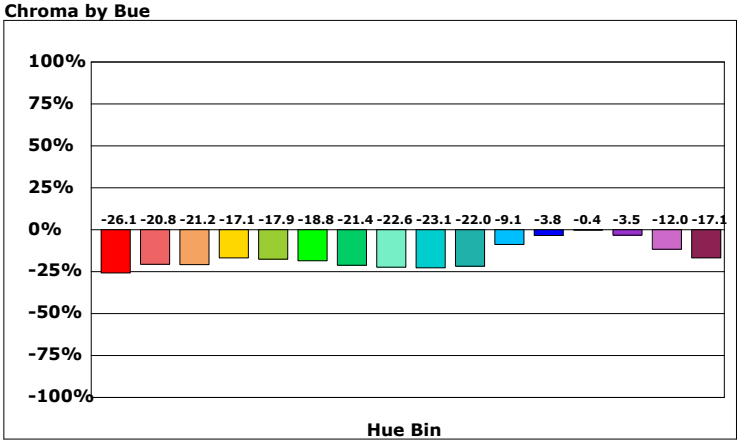




Rf by Bue

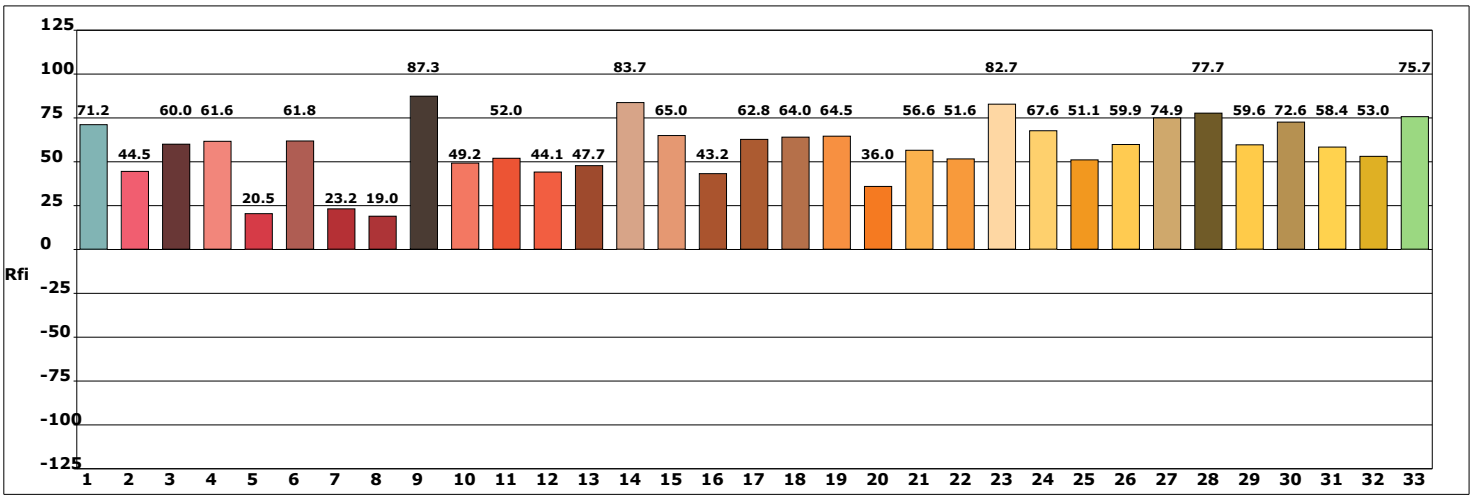


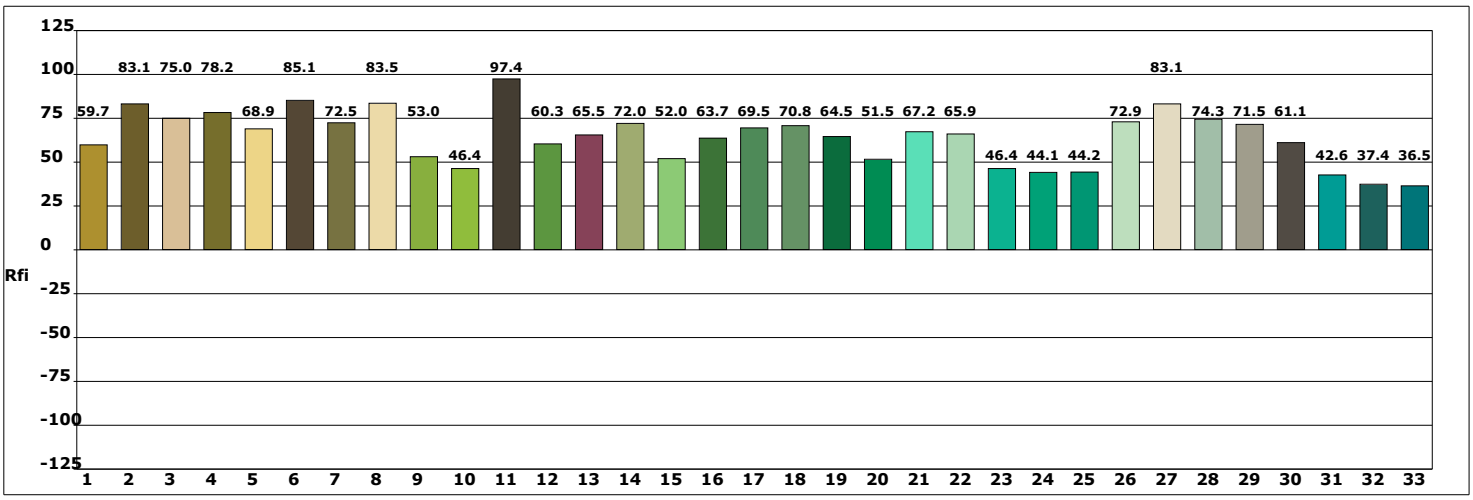
Chroma by Bue

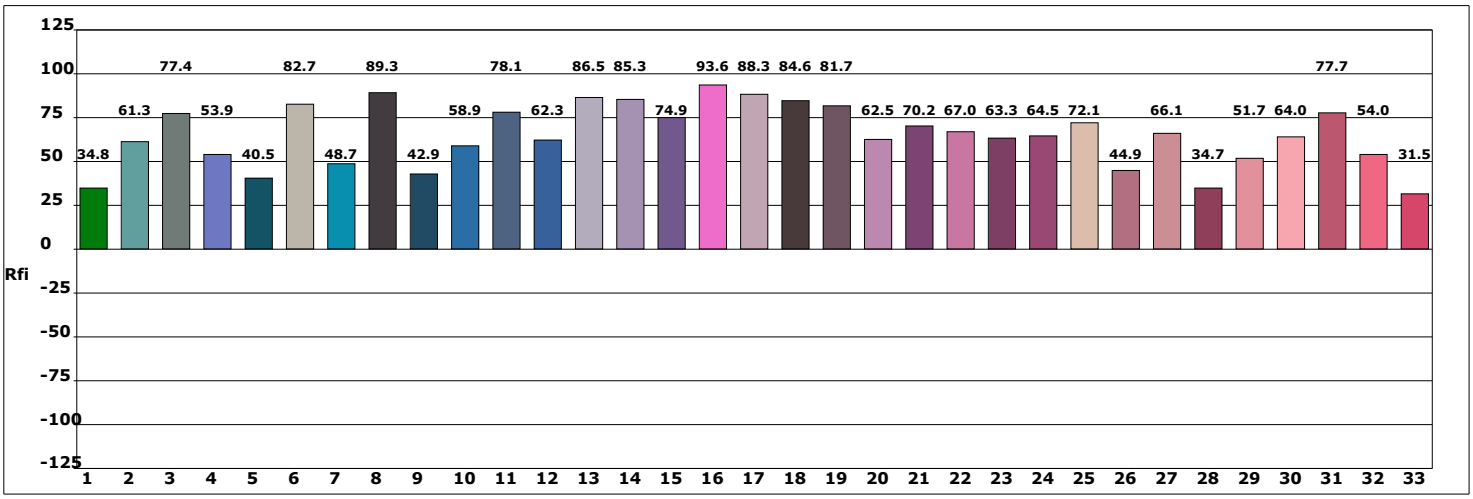


Product model:
Product number:
Tester:
Remarks:

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







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