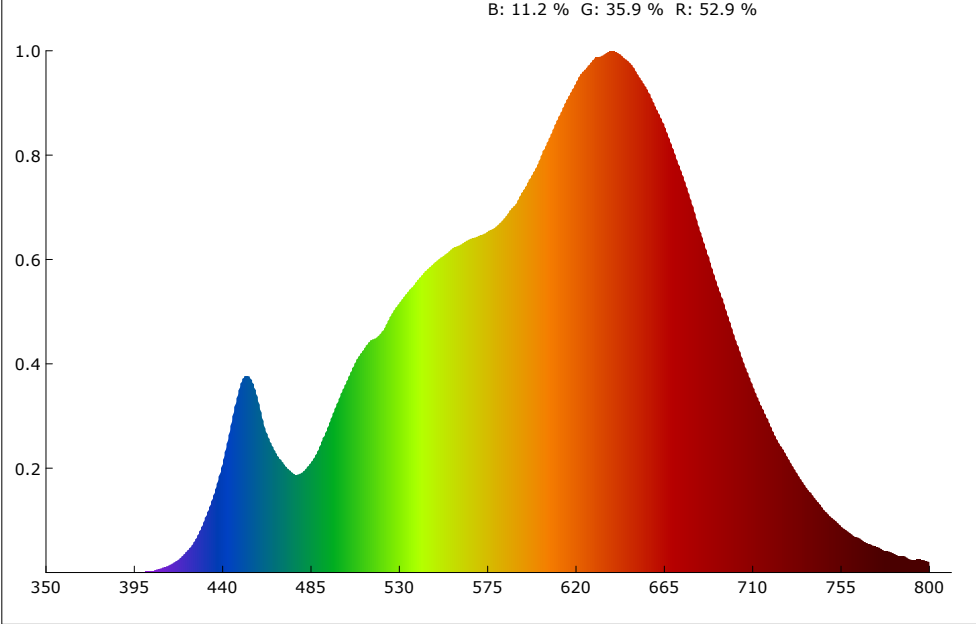
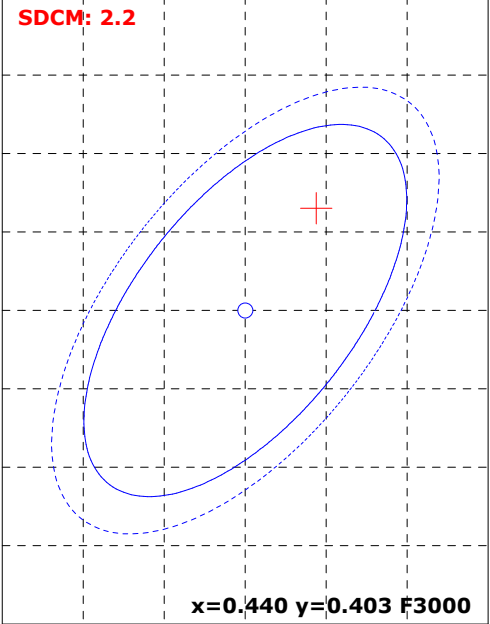


Spectrogram



SDCM



Color Parameter:

x: 0.4444	y: 0.4065	u: 0.2543	v: 0.3490	u': 0.2543	v': 0.5235
R_ratio: 52.9 %	G_ratio: 35.9 %	B_ratio: 11.2 %	RedRatio: 24.9 %	GreenRatio: 73.5 %	BlueRatio: 1.6 %
Ra: 97.5	AvgR: 96.3				
R1: 99.8	R2: 98.0	R3: 93.5	R4: 97.3	R5: 98.7	R6: 96.7
R7: 98.0	R8: 98.4	R9: 94.7	R10: 93.4	R11: 96.2	R12: 86.5
R13: 99.4	R14: 95.3	R15: 99.2			
CCT: 2898 K	Flux: 4585.347 lm	PeakWave: 638.5 nm	SDCM: 2.2		
S/P: 1.4	CentralWave: 611.6 nm	DominantWave: 583.3 nm	CentroidWave: 604.8 nm		
HalfWidth: 169.4 nm	duv: 0.00004	purity: 55.4 %	CQS: 92.3		
LER(TM-30): 258.8	Ep: 17719.2 mw	Rg: 102.2	Rf: 94.9		
Red Ep: 8561.7 mw	Near red Ep: 1482.2 mw	Near infrared Ep: 62.1 mw			

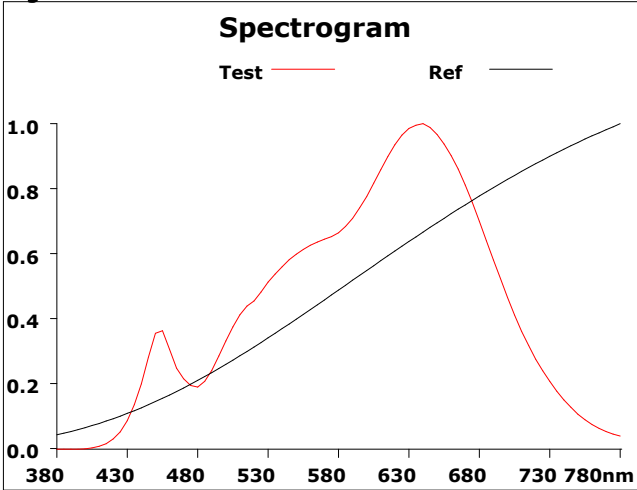
Electrical parameters:

Effic: 16.7 Lm/W	Energy: 18.2	Effi: G	
U: 221.3 V	I: 1.296 A	P: 275.000 W	Pf: 0.958

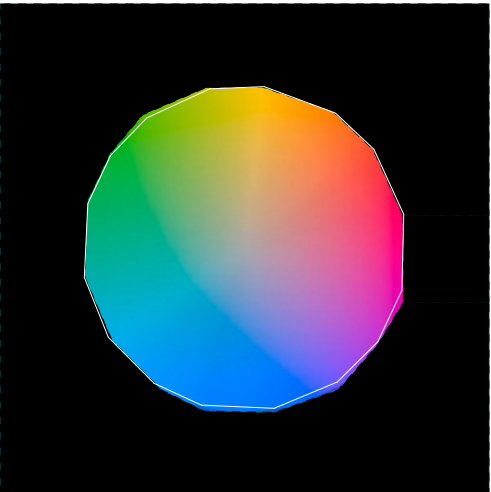
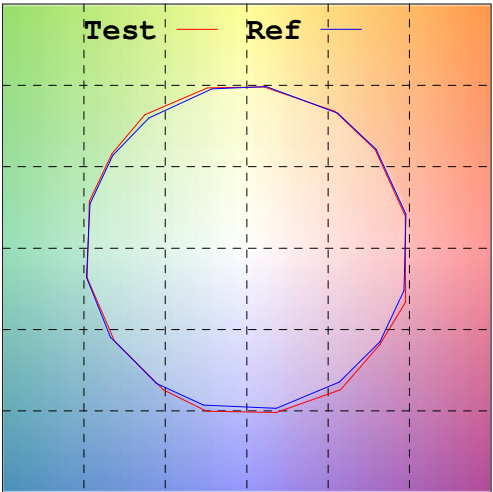
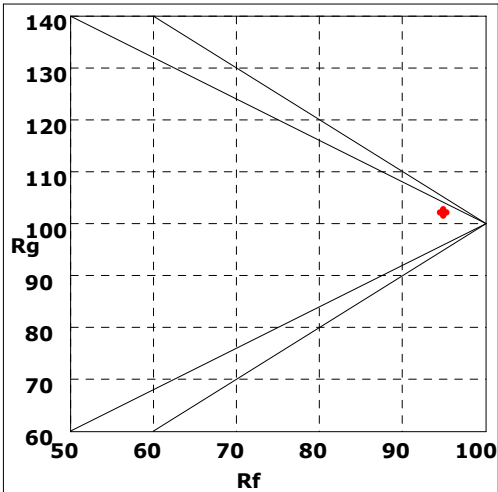
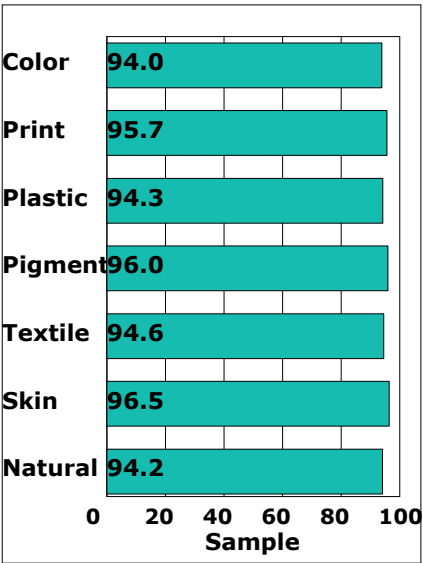
Product model:
Product number:
Tester:
Remarks:

Manufacturer:
Test unit:
Date of observation: 10/12/23

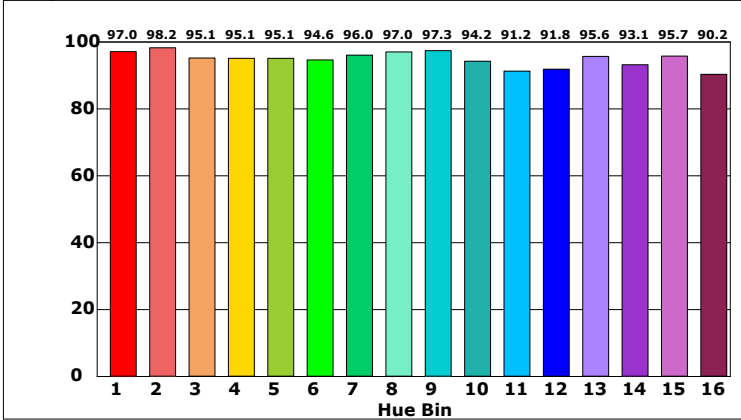
Rf: 94.9 CCT: 2898K u': 0.2543
Rg: 102.2 LER: 258.8 Duv: 0.00004 v': 0.5235



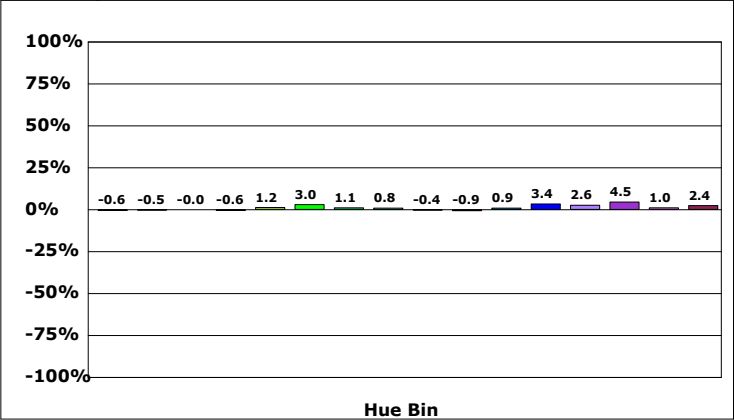
500			
Hue Bin	Rf	Chroma	Hue
1	97.0	-0.6%	-0.8%
2	98.2	-0.5%	0.1%
3	95.1	-0.0%	2.0%
4	95.1	-0.6%	1.3%
5	95.1	1.2%	2.6%
6	94.6	3.0%	0.9%
7	96.0	1.1%	-0.8%
8	97.0	0.8%	-1.6%
9	97.3	-0.4%	0.2%
10	94.2	-0.9%	3.1%
11	91.2	0.9%	5.8%
12	91.8	3.4%	2.5%
13	95.6	2.6%	-0.7%
14	93.1	4.5%	-2.1%
15	95.7	1.0%	-1.3%
16	90.2	2.4%	-6.7%



Rf by Bue

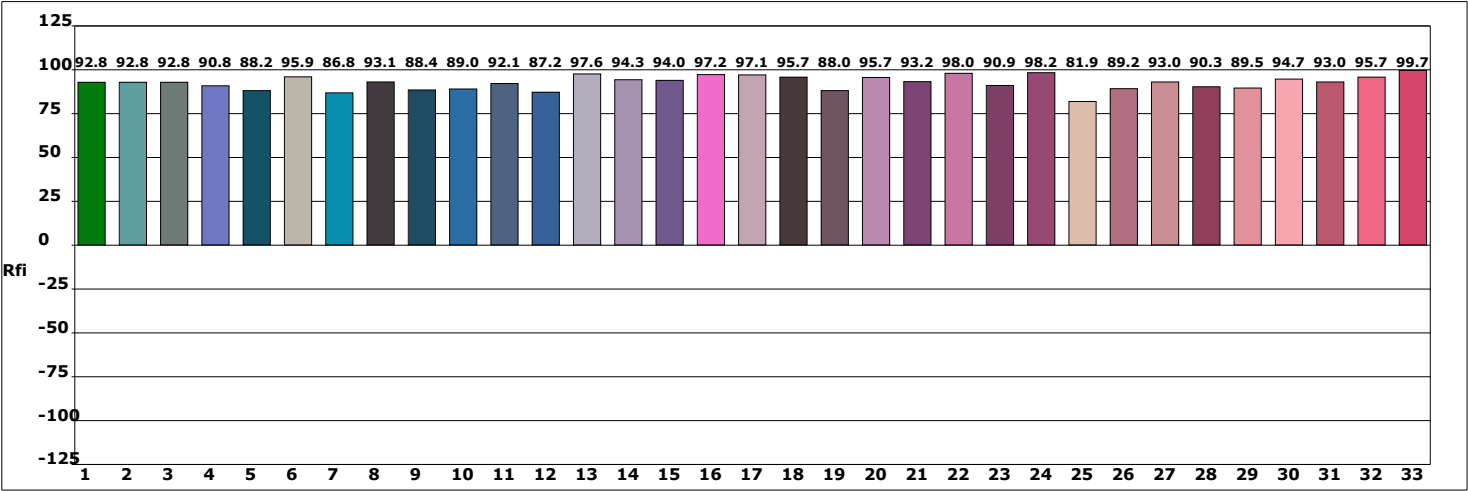
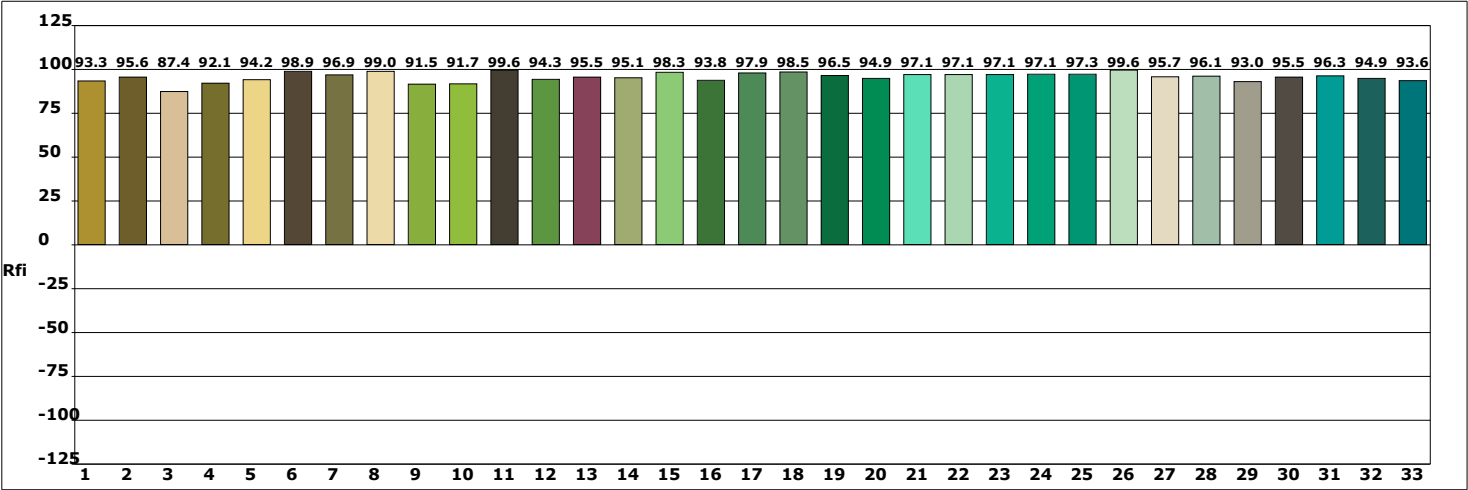
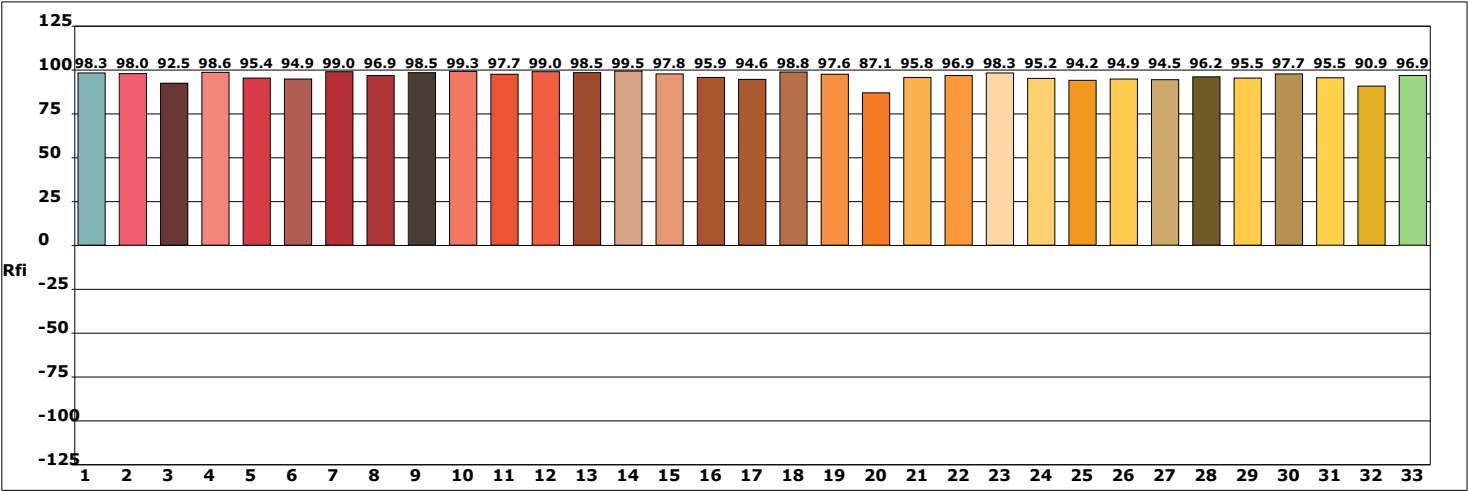


Chroma by Bue



Product model:
Product number:
Tester:
Remarks:

Manufacturer:
Test unit:
Date of observation: 10/12/23



Product model:
Product number:
Tester:
Remarks:

Manufacturer:
Test unit:
Date of observation: 10/12/23