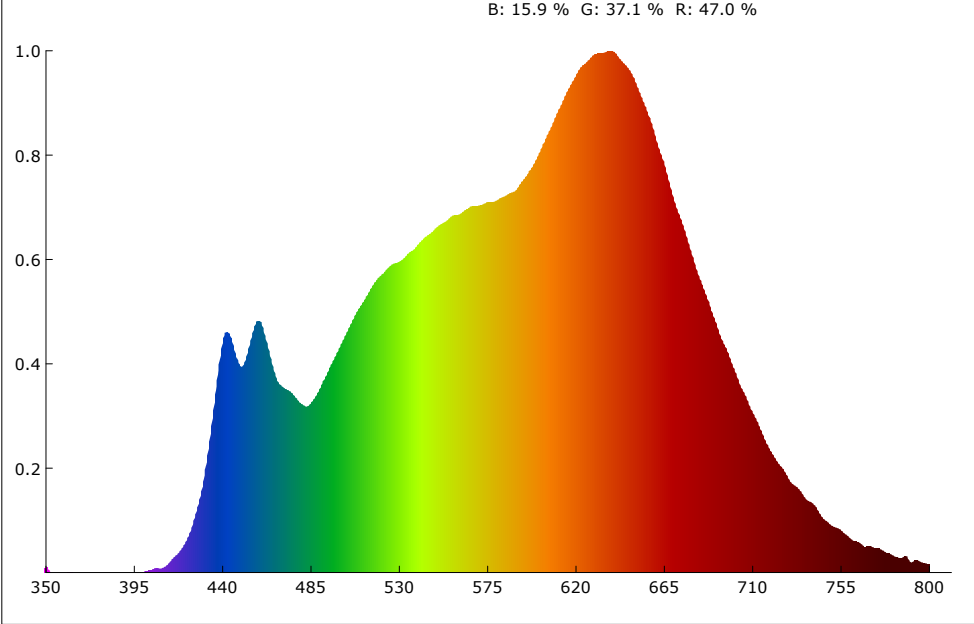
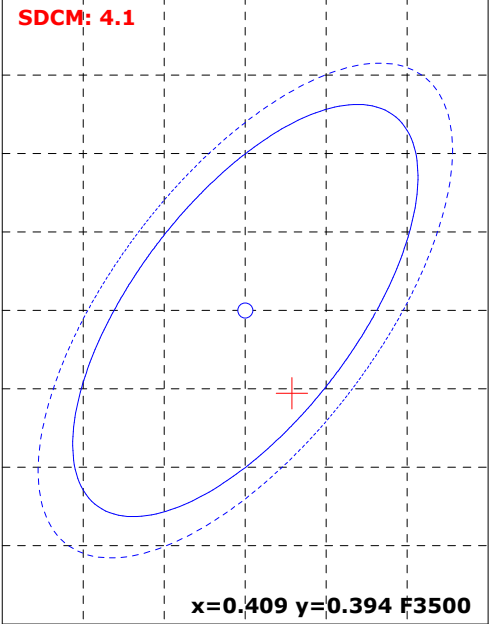


Spectrogram



SDCM



Color Parameter:

x: 0.4129	y: 0.3897	u: 0.2411	v: 0.3413	u': 0.2411	v': 0.5120
R_ratio: 47.0 %	G_ratio: 37.1 %	B_ratio: 15.9 %	RedRatio: 22.8 %	GreenRatio: 74.8 %	BlueRatio: 2.3 %
Ra: 97.6		AvgR: 96.9			
R1: 96.9	R2: 98.7	R3: 96.4	R4: 97.7	R5: 99.4	R6: 97.3
					R7: 97.9
					R8: 97.2
R9: 96.5	R10: 98.7	R11: 96.0	R12: 89.9	R13: 97.1	R14: 97.1
					R15: 96.6
CCT: 3329 K		Flux: 303.368 lm	PeakWave: 637.5 nm	SDCM: 4.1	
S/P: 1.6		CentralWave: 598.6 nm	DominantWave: 582.4 nm	CentroidWave: 592.2 nm	
HalfWidth: 180.1 nm		duv: -0.00204	purity: 40.9 %	CQS: 92.1	
LER(TM-30): 267.5		Ep: 1134.1 mw	Rg: 102.4	Rf: 95.5	
Red Ep: 495.3 mw		Near red Ep: 76.8 mw	Near infrared Ep: 3.3 mw		

Electrical parameters:

Effic: 15.4 Lm/W	Energy: 16.7	Effi: G	
U: 220.5 V	I: 0.164 A	P: 19.740 W	Pf: 0.543

Product model:

Product number:

Tester:

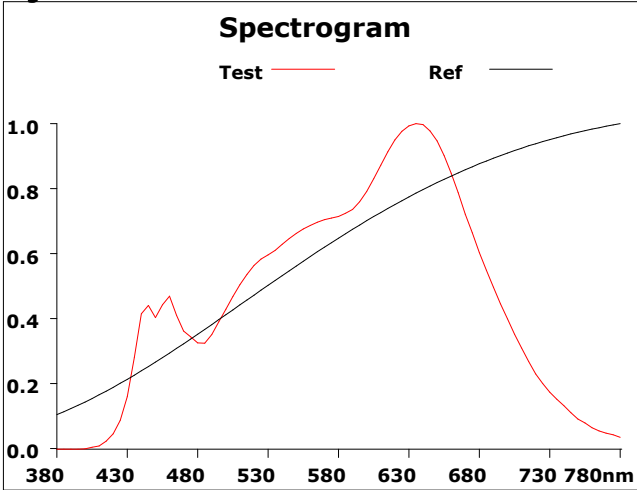
Remarks:

Manufacturer:

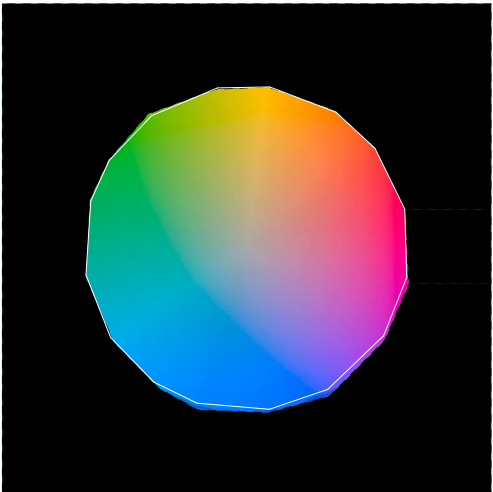
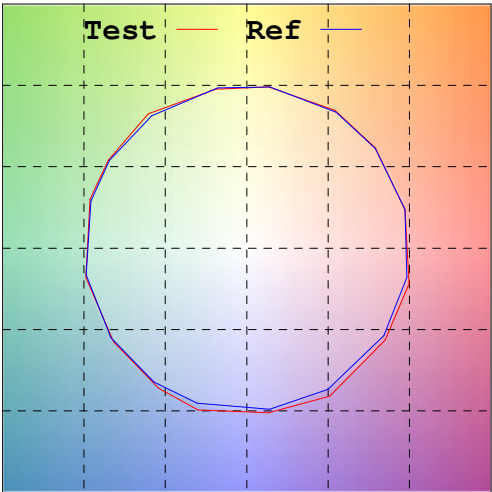
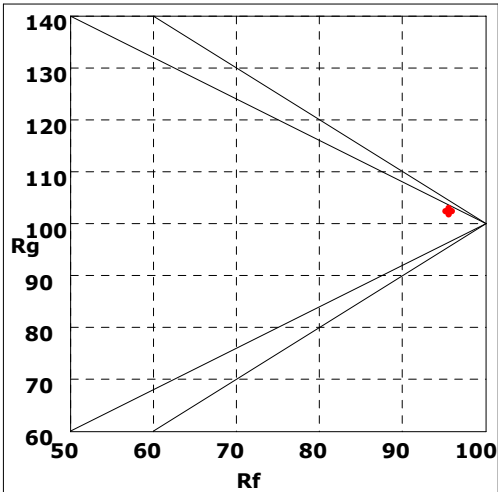
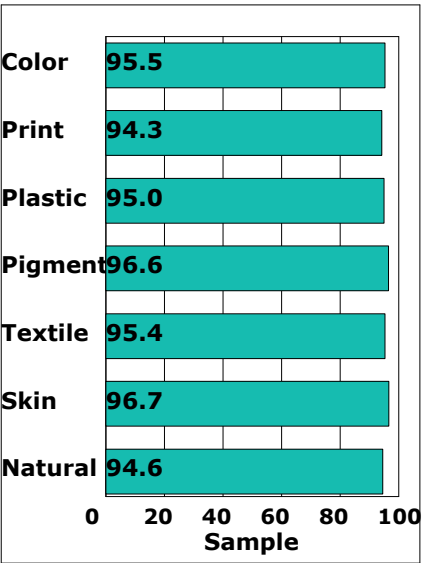
Test unit:

Date of observation: 10/12/23

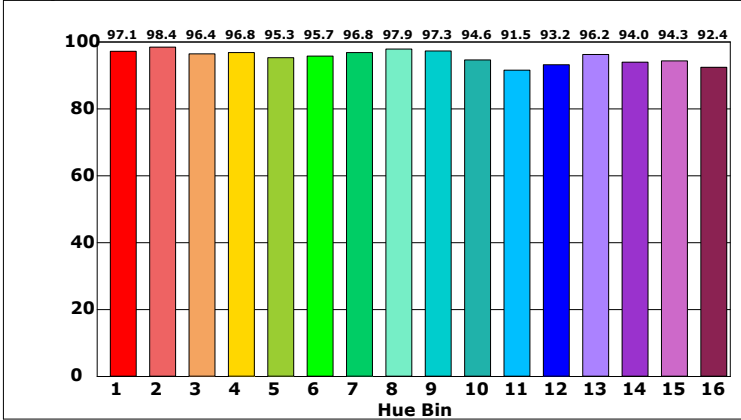
Rf: 95.5 CCT: 3329K u': 0.2411
Rg: 102.4 LER: 267.5 Duv: -0.00204 v': 0.5120



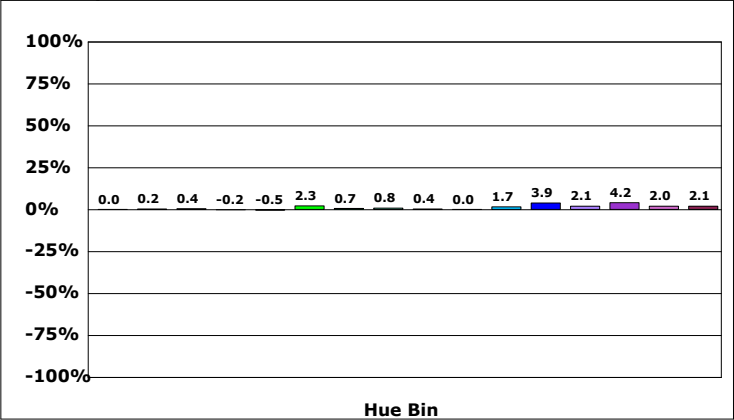
500			
Hue Bin	Rf	Chroma	Hue
1	97.1	0.0%	-0.4%
2	98.4	0.2%	-0.1%
3	96.4	0.4%	1.2%
4	96.8	-0.2%	0.7%
5	95.3	-0.5%	1.3%
6	95.7	2.3%	1.0%
7	96.8	0.7%	0.4%
8	97.9	0.8%	-0.9%
9	97.3	0.4%	1.6%
10	94.6	0.0%	3.2%
11	91.5	1.7%	4.5%
12	93.2	3.9%	1.2%
13	96.2	2.1%	-1.0%
14	94.0	4.2%	-1.4%
15	94.3	2.0%	-1.8%
16	92.4	2.1%	-3.6%



Rf by Bue

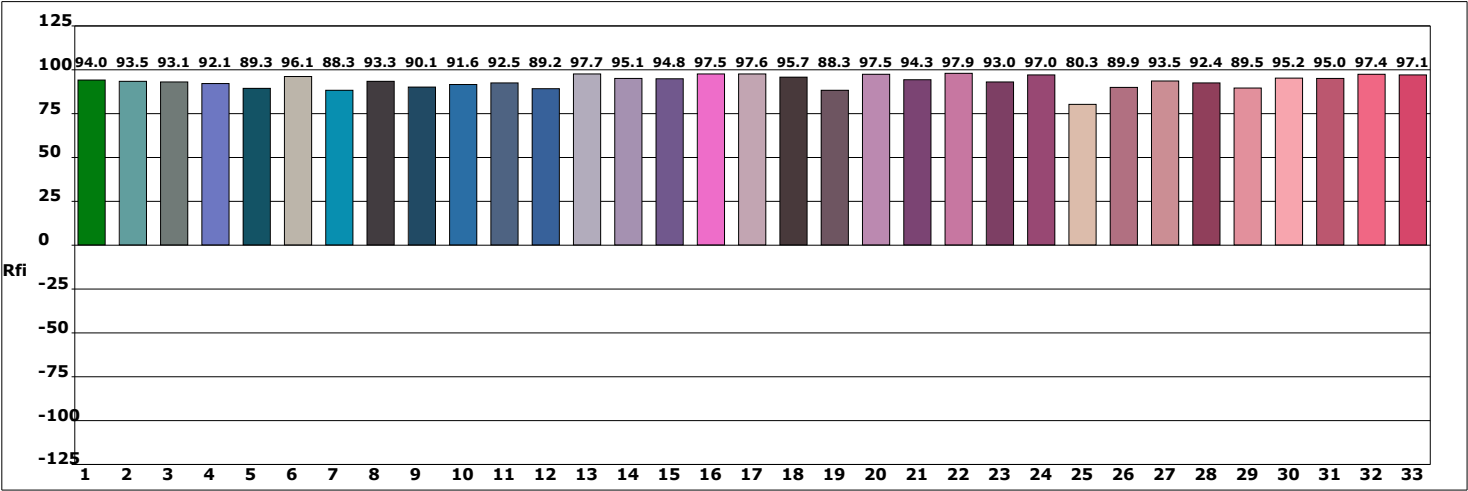
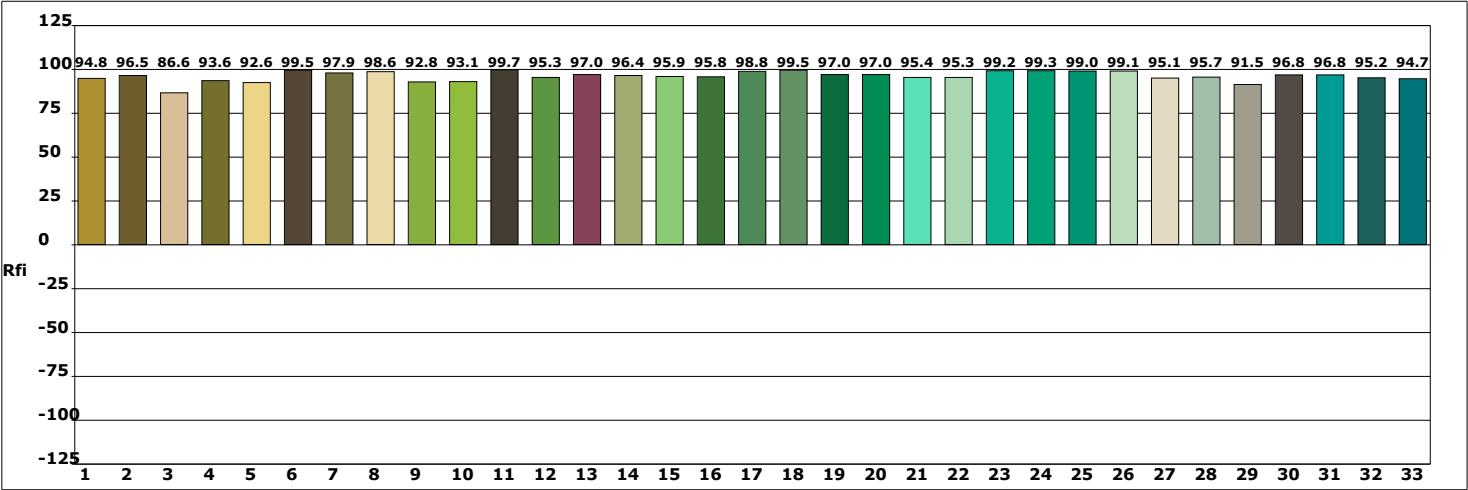
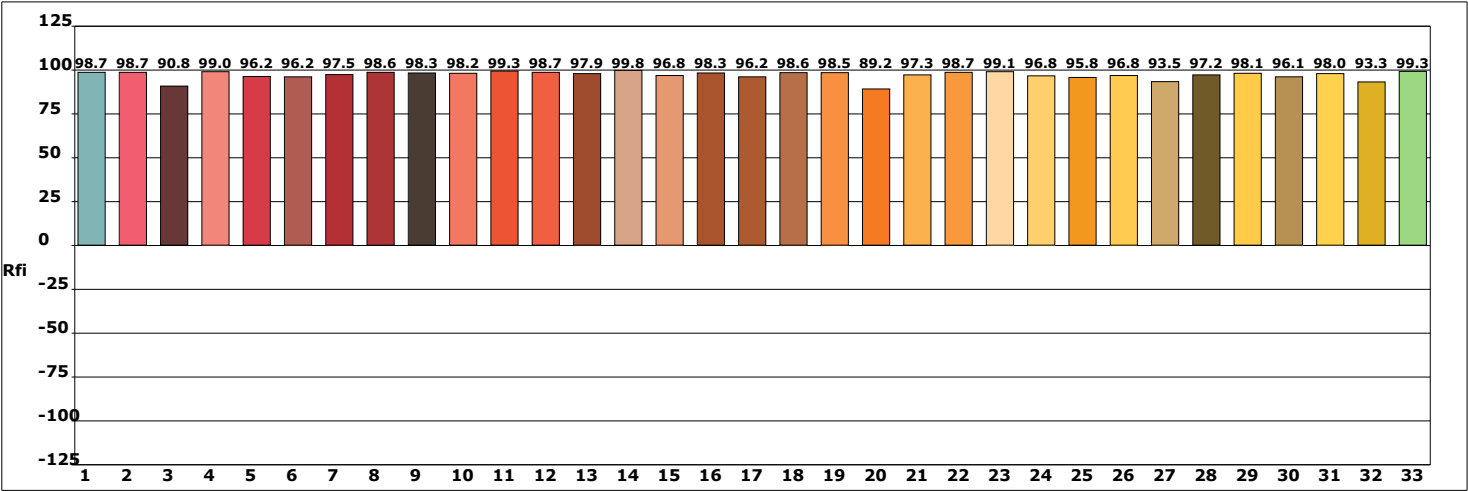


Chroma by Bue



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