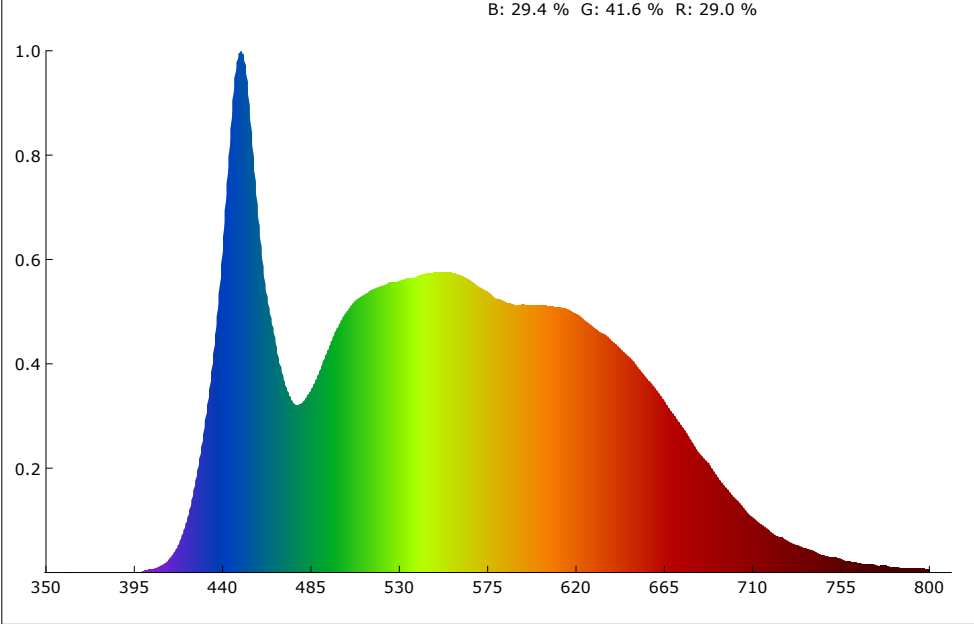
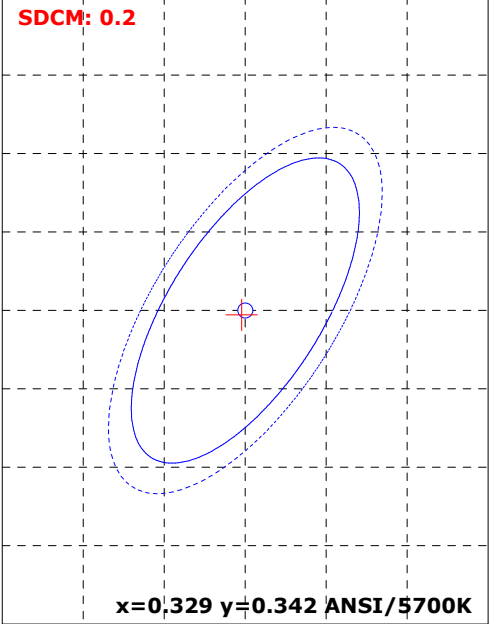


Spectrogram



SDCM



Color Parameter:

x: 0.3285 y: 0.3414 u: 0.2040 v: 0.3181 u': 0.2040 v': 0.4772
R_ratio: 29.0 % G_ratio: 41.6 % B_ratio: 29.4 % RedRatio: 15.4 % GreenRatio: 80.9 % BlueRatio: 3.8 %

Ra: 92.3 AvgR: 89.3
R1: 93.0 R2: 93.3 R3: 92.1 R4: 93.1 R5: 92.6 R6: 89.8 R7: 94.7 R8: 89.9
R9: 69.2 R10: 83.5 R11: 93.0 R12: 74.5 R13: 93.0 R14: 95.6 R15: 92.3

CCT: 5677 K	Flux: 1360.095 lm	PeakWave: 449.6 nm	SDCM: 0.2
S/P: 2.2	CentralWave: 451.4 nm	DominantWave: 516.0 nm	CentroidWave: 555.4 nm
HalfWidth: 26.5 nm	duv: 0.00199	purity: 1.7 %	CQS: 90.2
LER(TM-30): 285.5	Ep: 4763.8 mw	Rg: 100.3	Rf: 90.0
Red Ep: 1336.2 mw	Near red Ep: 150.0 mw	Near infrared Ep: 6.8 mw	

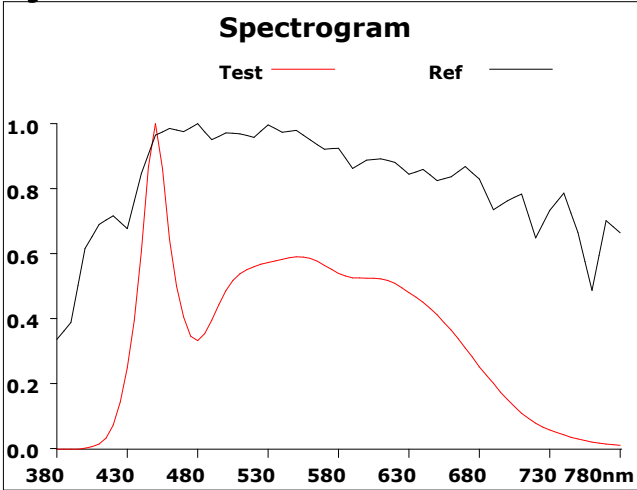
Electrical parameters:

Effic: 49.1 lm/W	Energy: 53.4	Effi: G	
U: 222.6 V	I: 0.222 A	P: 27.720 W	Pf: 0.560

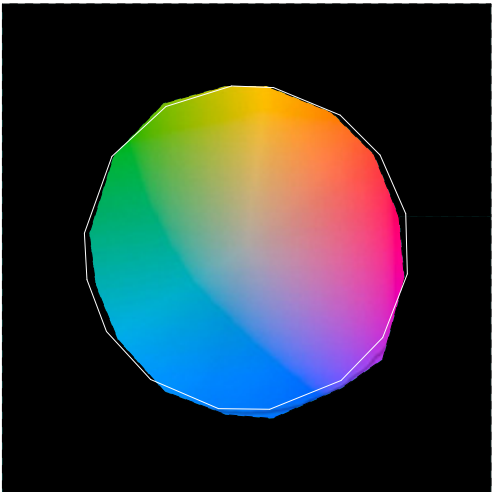
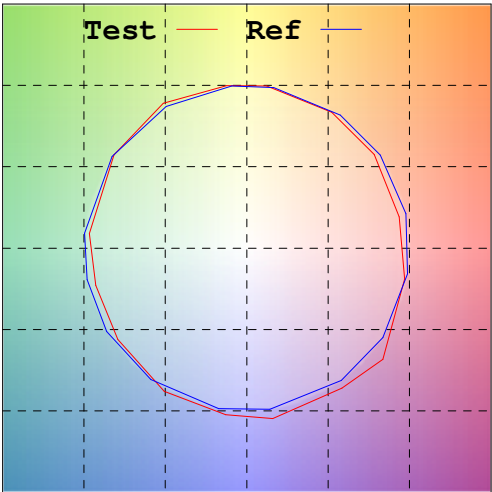
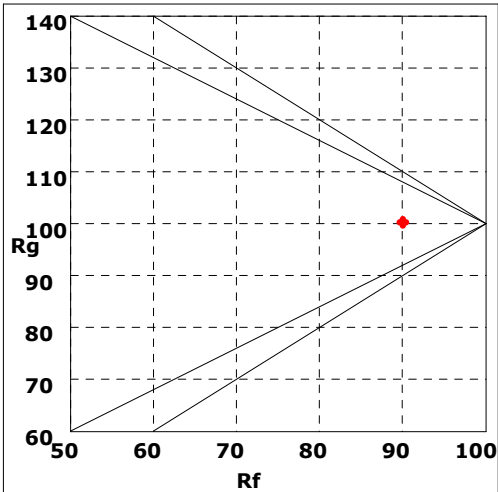
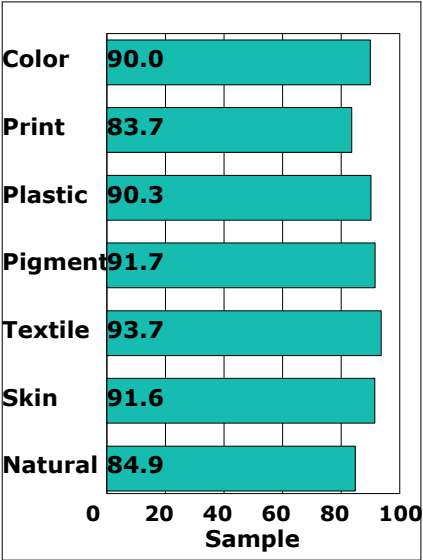
Product model:
Product number:
Tester:
Remarks:

Manufacturer:
Test unit:
Date of observation: 09/11/23

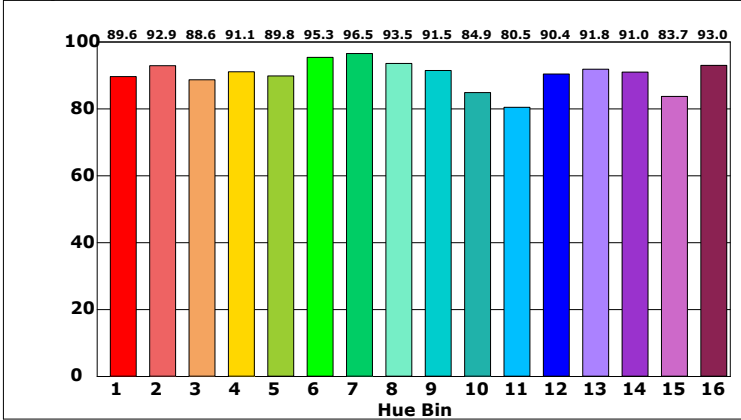
Rf: 90.0 CCT: 5677K u': 0.2040
Rg: 100.3 LER: 285.5 Duv: 0.00199 v': 0.4772



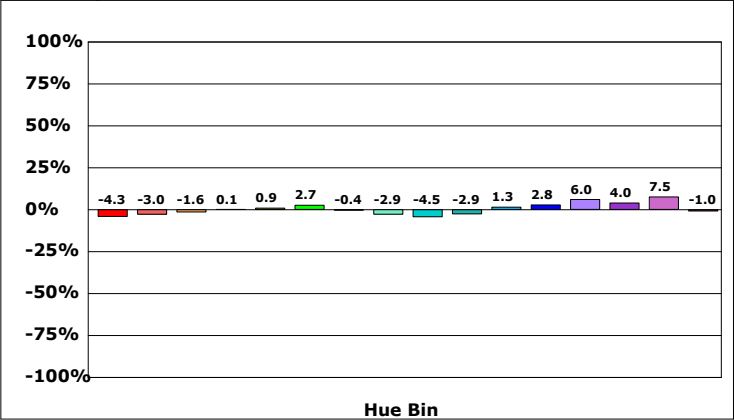
500			
Hue Bin	Rf	Chroma	Hue
1	89.6	-4.3%	-1.1%
2	92.9	-3.0%	2.3%
3	88.6	-1.6%	5.3%
4	91.1	0.1%	4.4%
5	89.8	0.9%	3.0%
6	95.3	2.7%	0.3%
7	96.5	-0.4%	-1.4%
8	93.5	-2.9%	-0.4%
9	91.5	-4.5%	4.5%
10	84.9	-2.9%	7.9%
11	80.5	1.3%	10.9%
12	90.4	2.8%	5.0%
13	91.8	6.0%	0.7%
14	91.0	4.0%	-2.3%
15	83.7	7.5%	-11.1%
16	93.0	-1.0%	-3.5%



Rf by Bue

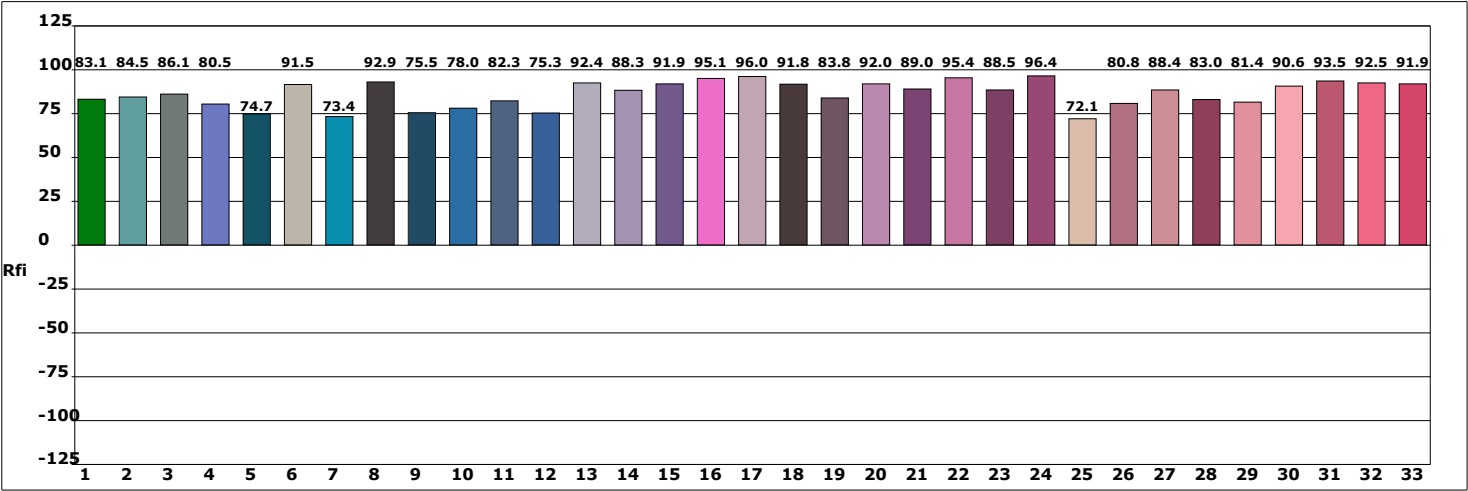
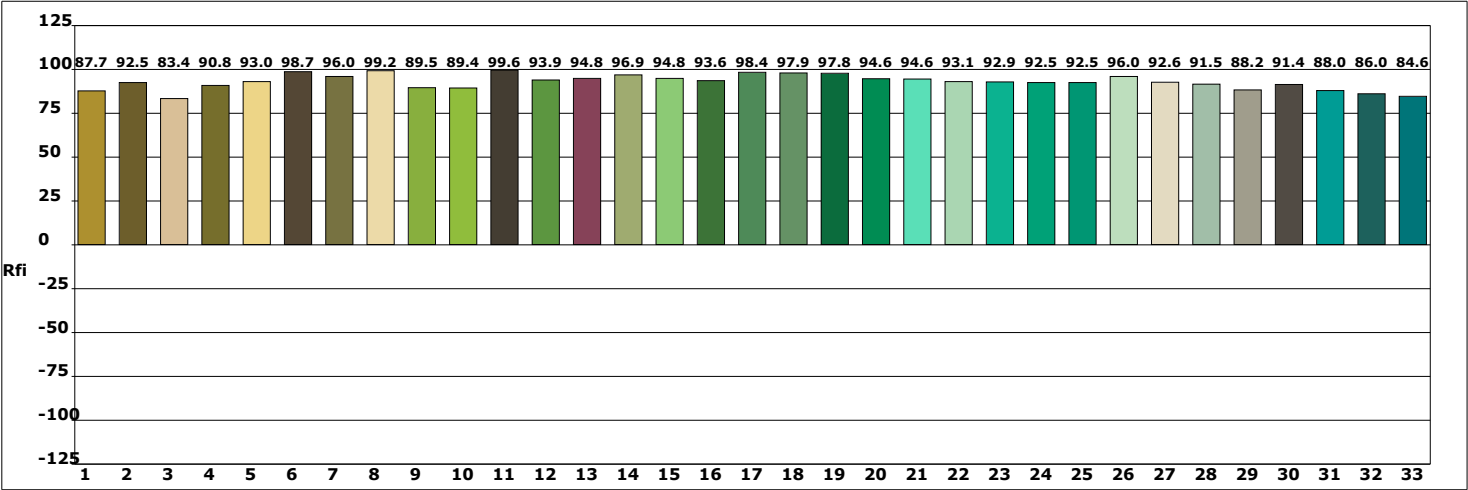
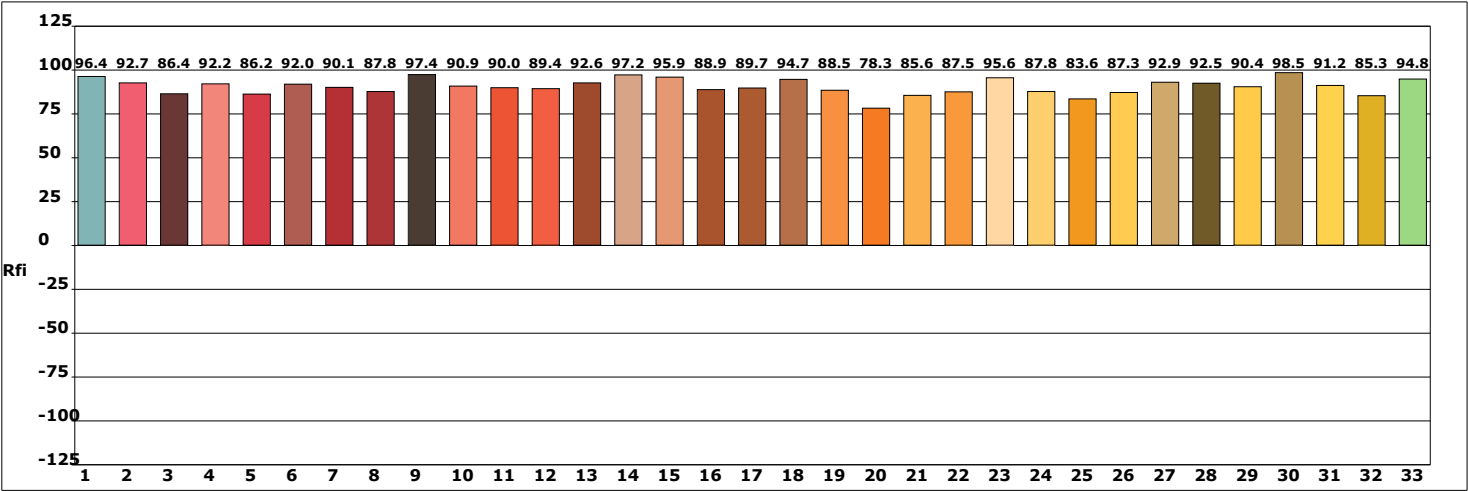


Chroma by Bue



Product model:
Product number:
Tester:
Remarks:

Manufacturer:
Test unit:
Date of observation: 09/11/23



Product model:
Product number:
Tester:
Remarks:

Manufacturer:
Test unit:
Date of observation: 09/11/23