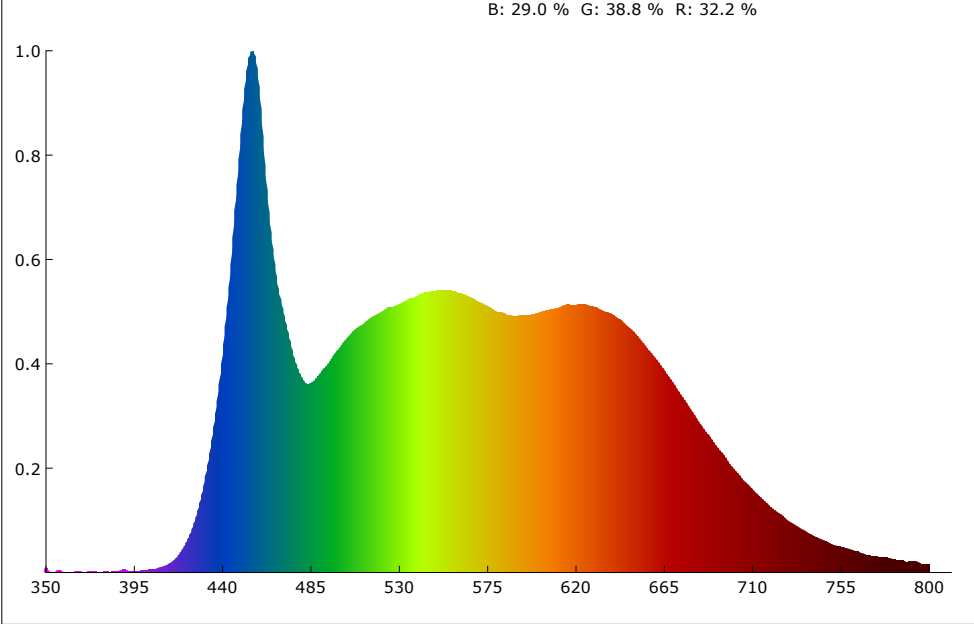
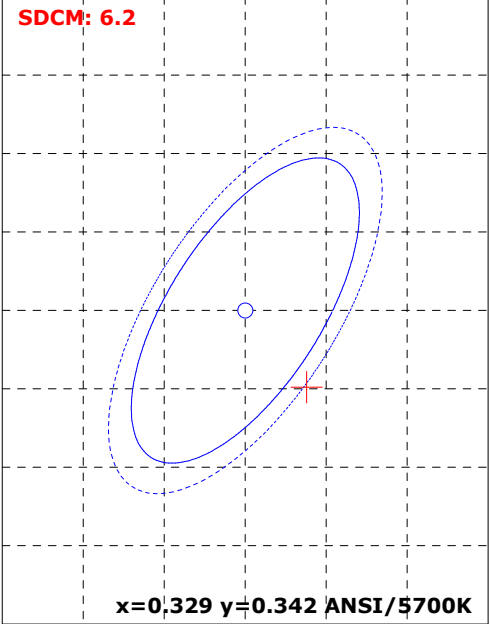


Spectrogram



SDCM



Color Parameter:

x: 0.3325 y: 0.3368 u: 0.2086 v: 0.3169 u': 0.2086 v': 0.4754
R_ratio: 32.2 % G_ratio: 38.8 % B_ratio: 29.0 % RedRatio: 16.7 % GreenRatio: 79.0 % BlueRatio: 4.4 %

Ra: 96.7 AvgR: 95.4
R1: 97.2 R2: 98.1 R3: 96.0 R4: 97.0 R5: 95.8 R6: 93.4 R7: 98.2 R8: 98.5
R9: 97.5 R10: 96.2 R11: 96.8 R12: 74.8 R13: 98.0 R14: 97.6 R15: 96.0

CCT: 5494 K Flux: 5509.347 lm PeakWave: 455.4 nm SDCM: 6.2
S/P: 2.2 CentralWave: 457.0 nm DominantWave: 541.3 nm CentroidWave: 563.8 nm
HalfWidth: 28.6 nm duv: -0.00227 purity: 0.8 % CQS: 89.1
LER(TM-30): 266.2 Ep: 20693.4 mw Rg: 100.2 Rf: 91.0
Red Ep: 6300.3 mw Near red Ep: 1040.2 mw Near infrared Ep: 68.9 mw

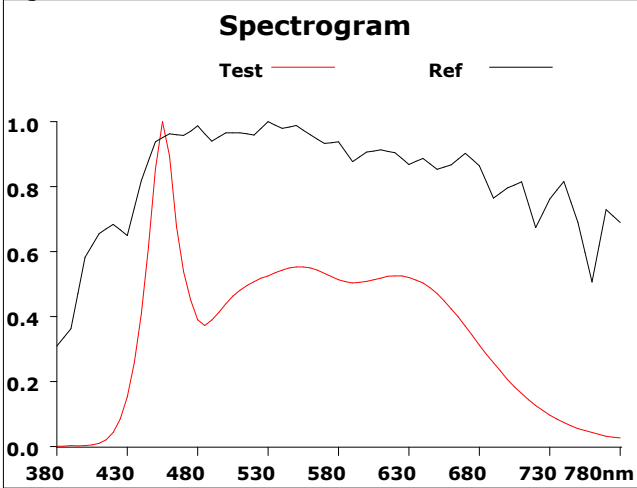
Electrical parameters:

Effic: 32.0 Lm/W Energy: 34.9 Effi: G
U: 222.0 V I: 0.793 A P: 172.000 W Pf: 0.977

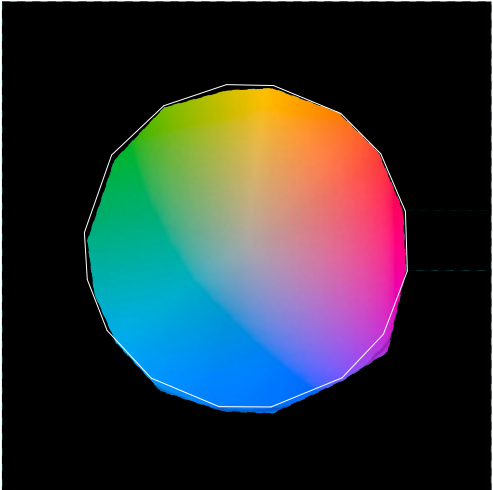
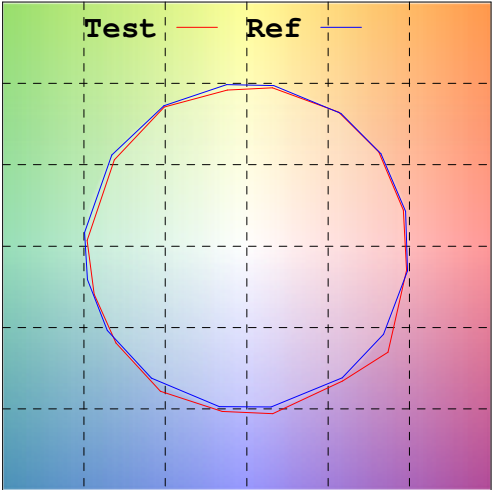
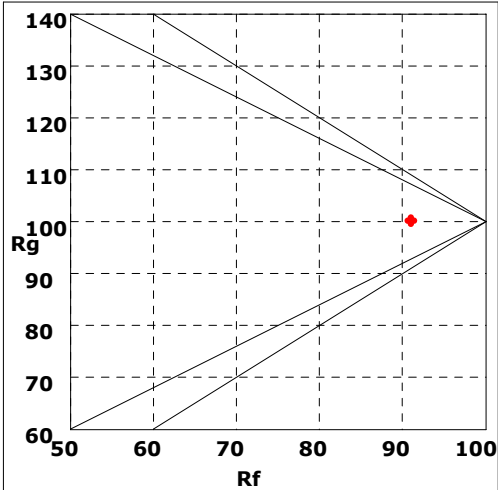
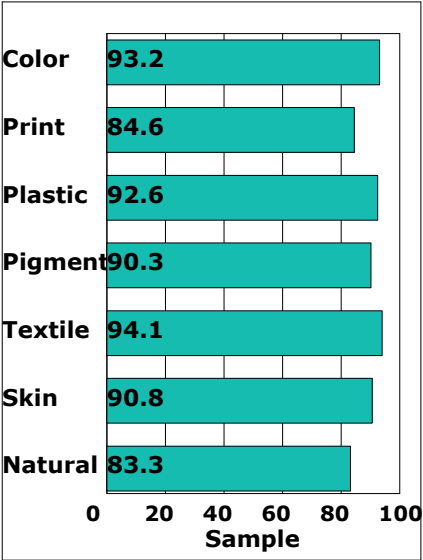
Product model:
Product number:
Tester:
Remarks:

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

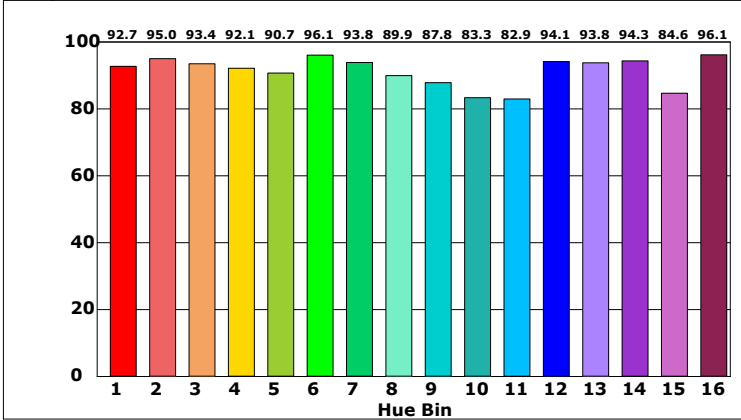
Rf: 91.0 CCT: 5494K u': 0.2086
Rg: 100.2 LER: 266.2 Duv: -0.00227 v': 0.4754



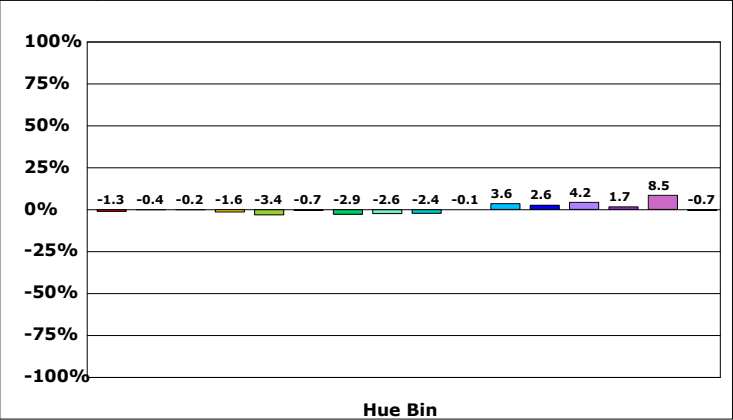
500			
Hue Bin	Rf	Chroma	Hue
1	92.7	-1.3%	1.1%
2	95.0	-0.4%	1.6%
3	93.4	-0.2%	1.5%
4	92.1	-1.6%	0.5%
5	90.7	-3.4%	0.3%
6	96.1	-0.7%	0.1%
7	93.8	-2.9%	1.5%
8	89.9	-2.6%	4.6%
9	87.8	-2.4%	9.6%
10	83.3	-0.1%	9.4%
11	82.9	3.6%	8.9%
12	94.1	2.6%	2.4%
13	93.8	4.2%	0.2%
14	94.3	1.7%	-0.9%
15	84.6	8.5%	-7.7%
16	96.1	-0.7%	0.2%



Rf by Bue

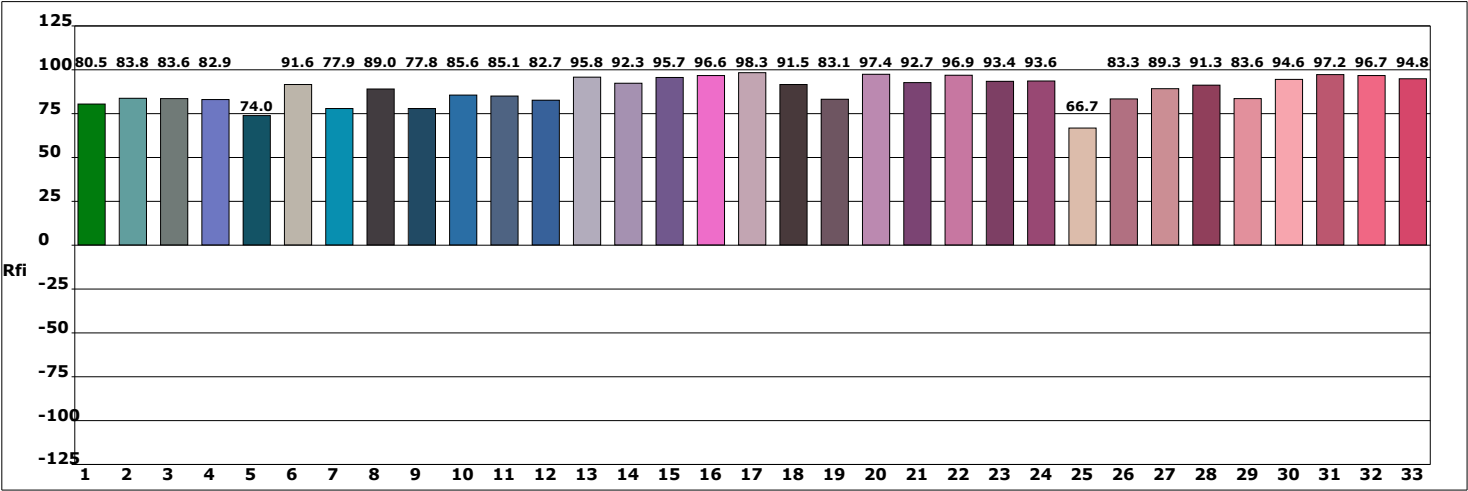
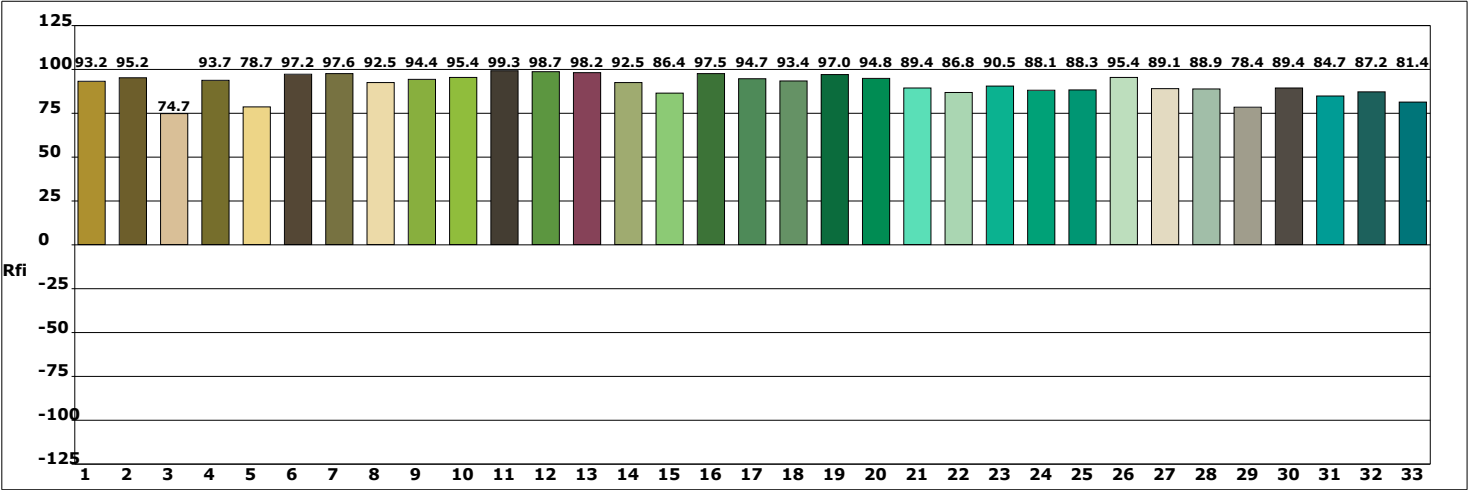
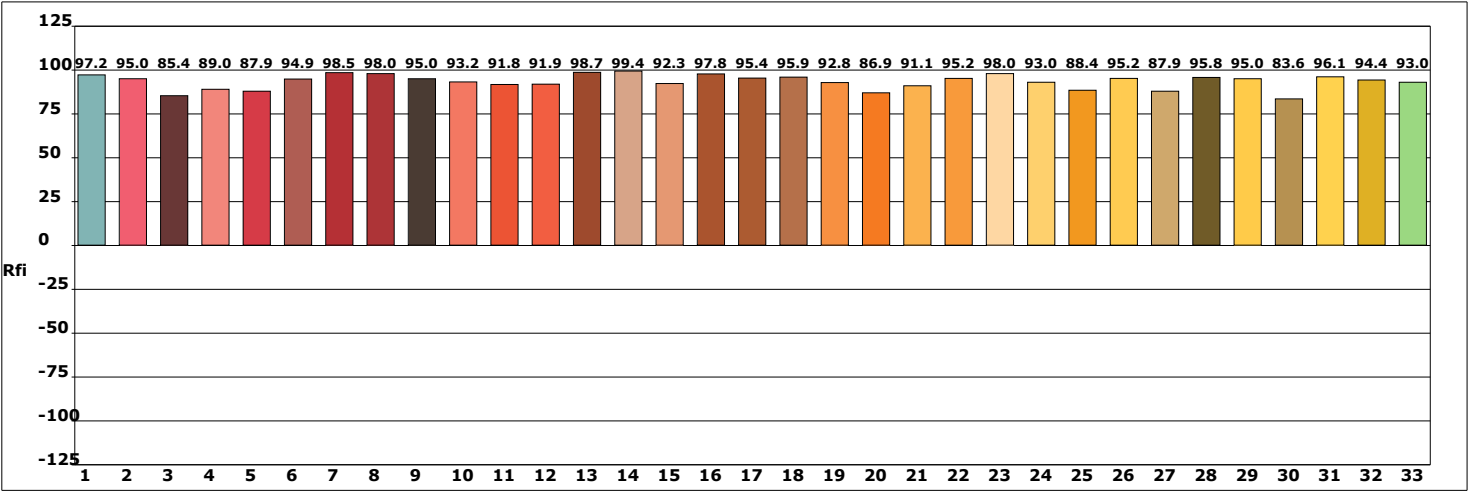


Chroma by Bue



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