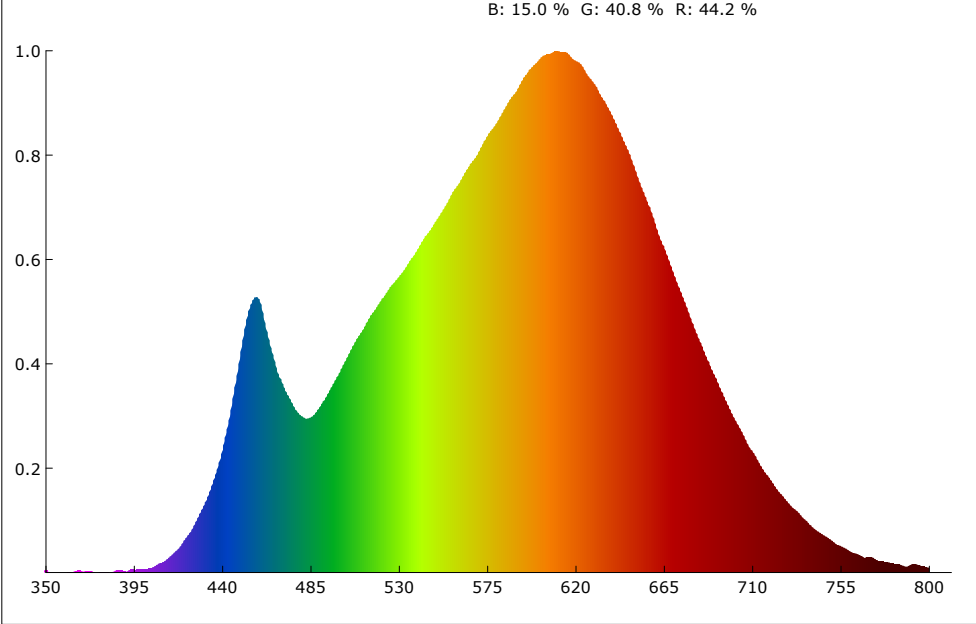
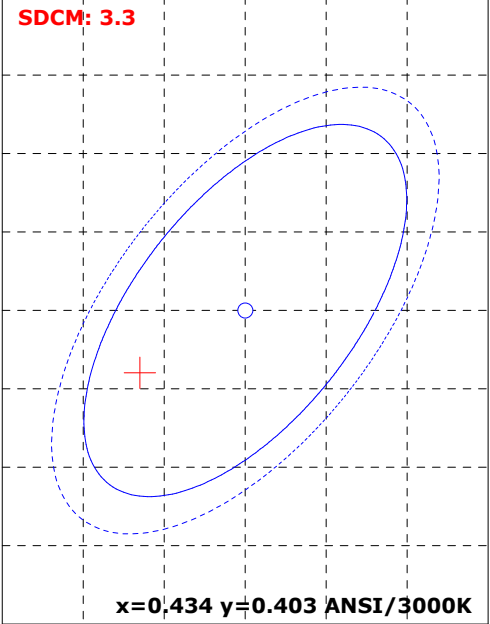


Spectrogram



SDCM



Color Parameter:

x: 0.4273 y: 0.3990 u: 0.2465 v: 0.3453 u': 0.2465 v': 0.5179
R_ratio: 44.2 % G_ratio: 40.8 % B_ratio: 15.0 % RedRatio: 22.2 % GreenRatio: 75.7 % BlueRatio: 2.1 %

Ra: 89.5 AvgR: 86.0
R1: 89.0 R2: 95.2 R3: 97.8 R4: 87.6 R5: 88.8 R6: 93.7 R7: 88.9 R8: 75.2
R9: 44.8 R10: 88.0 R11: 86.9 R12: 79.3 R13: 90.6 R14: 99.2 R15: 84.7

CCT: 3127 K Flux: 2025.514 lm PeakWave: 610.6 nm SDCM: 3.3
S/P: 1.4 CentralWave: 597.2 nm DominantWave: 582.5 nm CentroidWave: 587.6 nm
HalfWidth: 158.8 nm duv: -0.00062 purity: 48.0 % CQS: 85.4
LER(TM-30): 296.4 Ep: 6832.7 mw Rg: 97.0 Rf: 88.4
Red Ep: 2860.7 mw Near red Ep: 348.9 mw Near infrared Ep: 11.9 mw

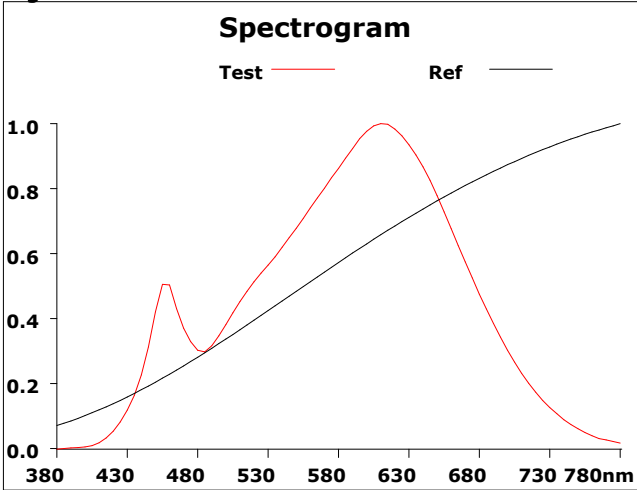
Electrical parameters:

Effic: 10.0 Lm/W Energy: 10.9 Effi: G
U: 219.5 V I: 1.335 A P: 203.200 W Pf: 0.693

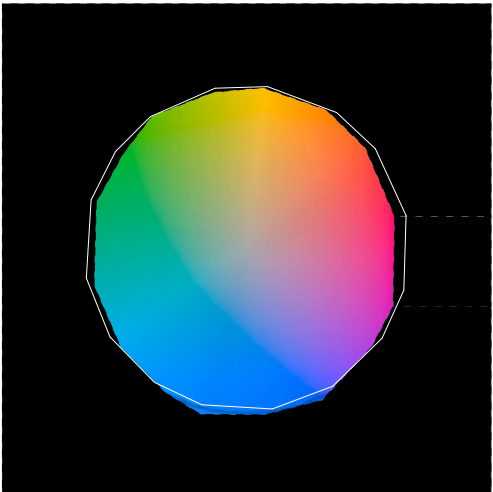
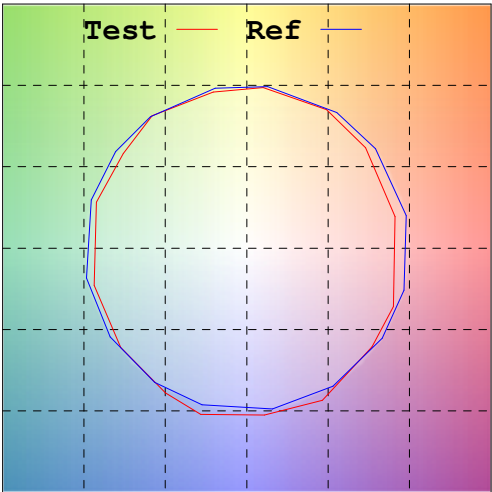
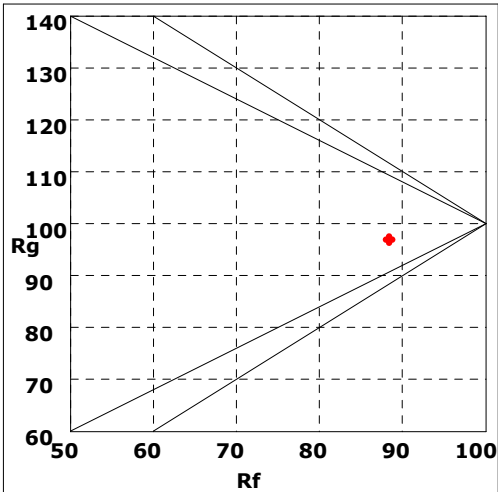
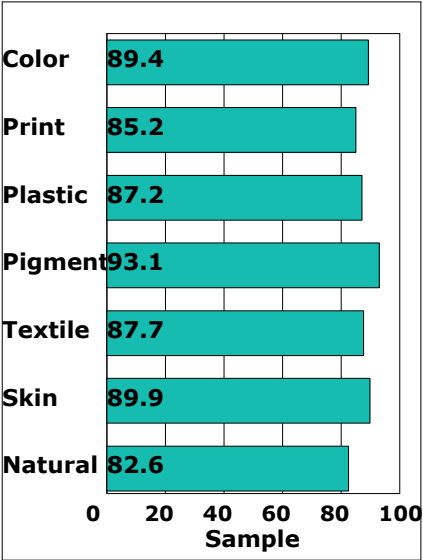
Product model:
Product number:
Tester:
Remarks:

Manufacturer:
Test unit:
Date of observation: 10/17/23

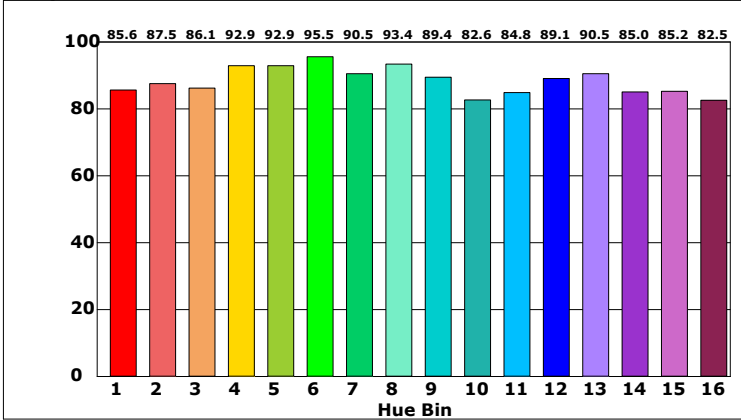
Rf: 88.4 CCT: 3127K u': 0.2465
Rg: 97.0 LER: 296.4 Duv: -0.00062 v': 0.5179



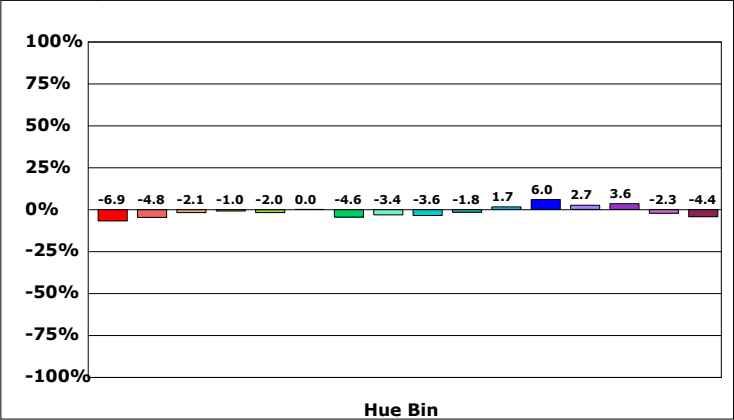
500			
Hue Bin	Rf	Chroma	Hue
1	85.6	-6.9%	0.7%
2	87.5	-4.8%	3.9%
3	86.1	-2.1%	6.1%
4	92.9	-1.0%	2.7%
5	92.9	-2.0%	1.7%
6	95.5	0.0%	-1.2%
7	90.5	-4.6%	-1.7%
8	93.4	-3.4%	0.8%
9	89.4	-3.6%	5.4%
10	82.6	-1.8%	8.9%
11	84.8	1.7%	9.2%
12	89.1	6.0%	0.4%
13	90.5	2.7%	-5.5%
14	85.0	3.6%	-10.2%
15	85.2	-2.3%	-7.9%
16	82.5	-4.4%	-11.1%



Rf by Bue

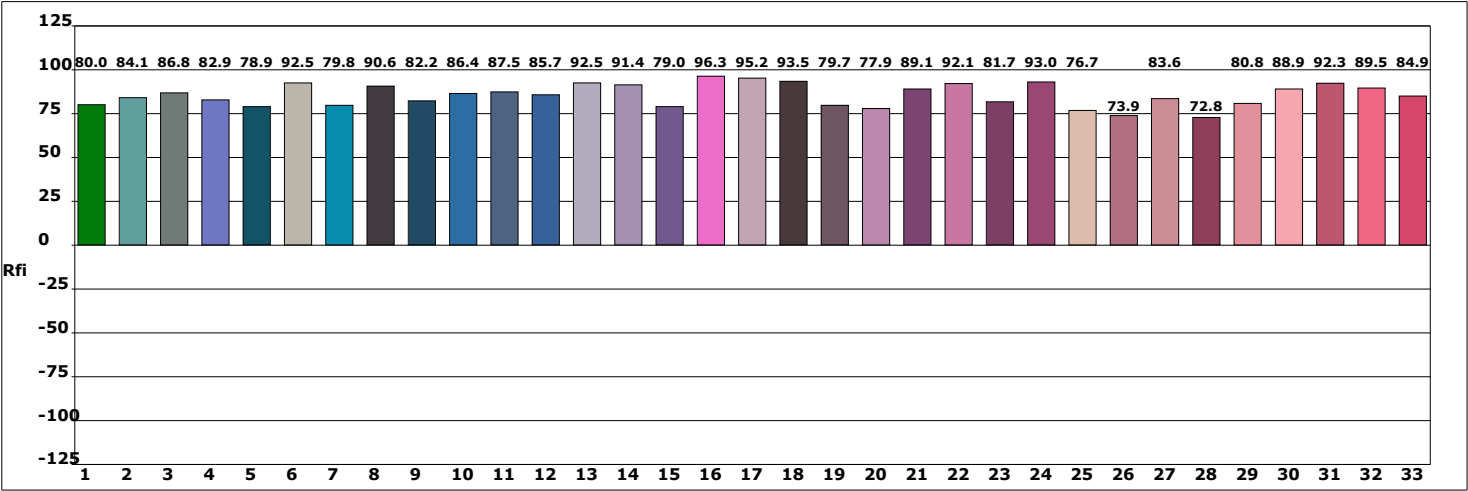
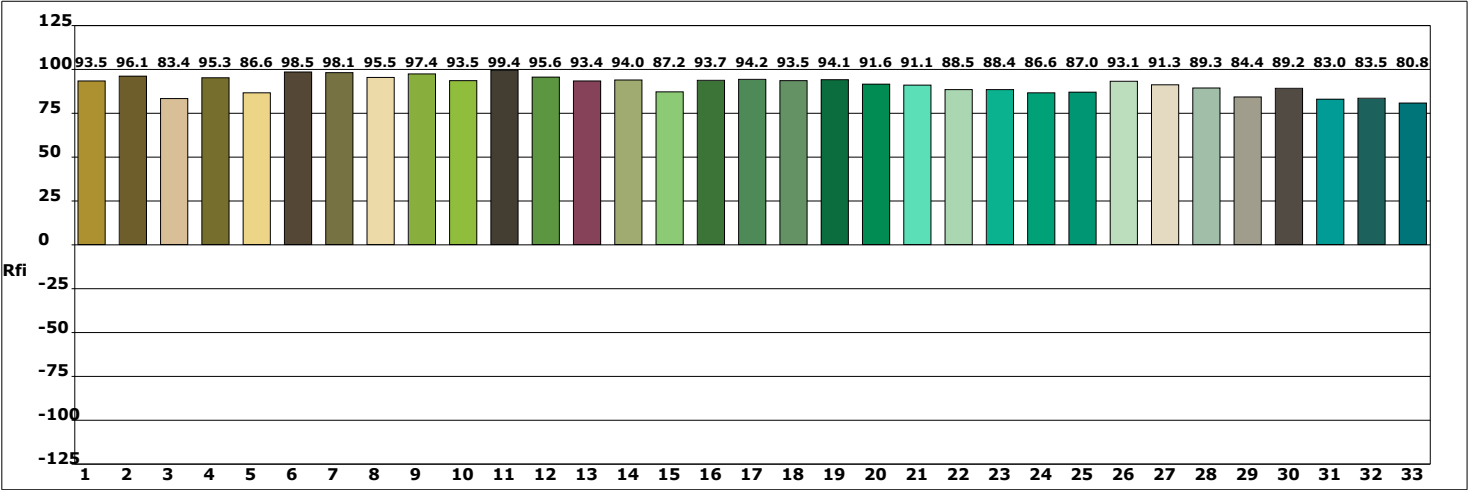
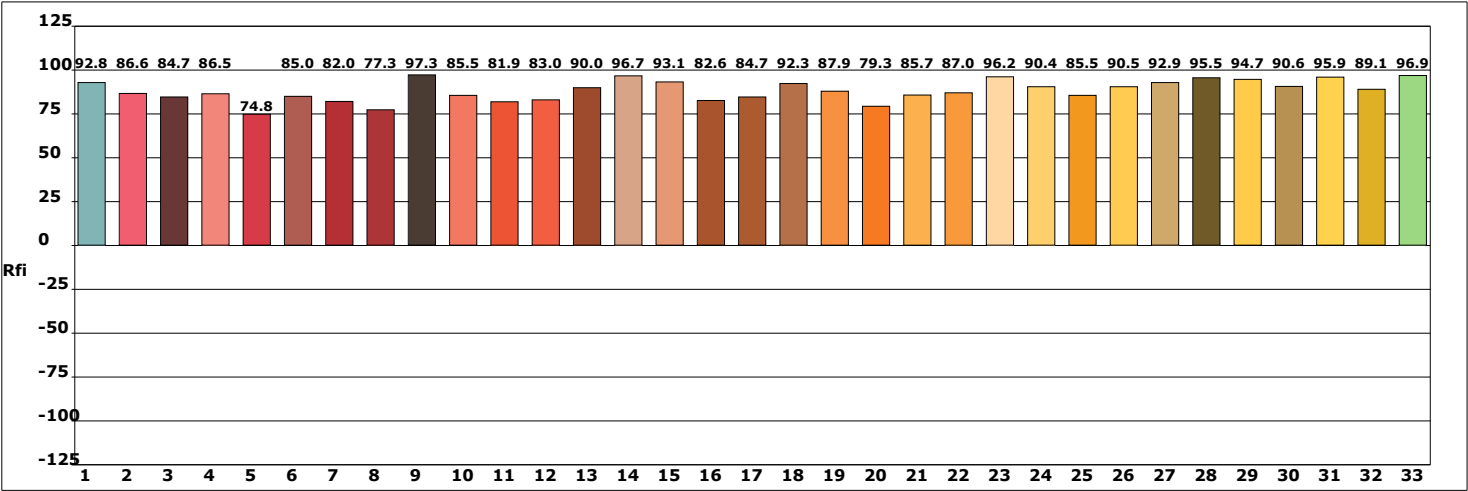


Chroma by Bue



Product model:
Product number:
Tester:
Remarks:

Manufacturer:
Test unit:
Date of observation: 10/17/23



Product model:
Product number:
Tester:
Remarks:

Manufacturer:
Test unit:
Date of observation: 10/17/23