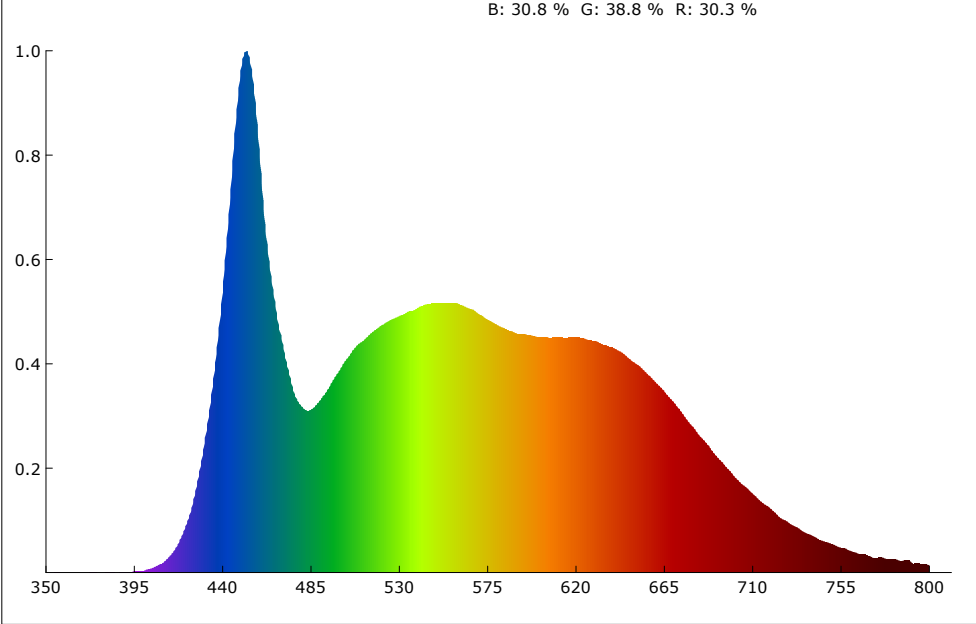
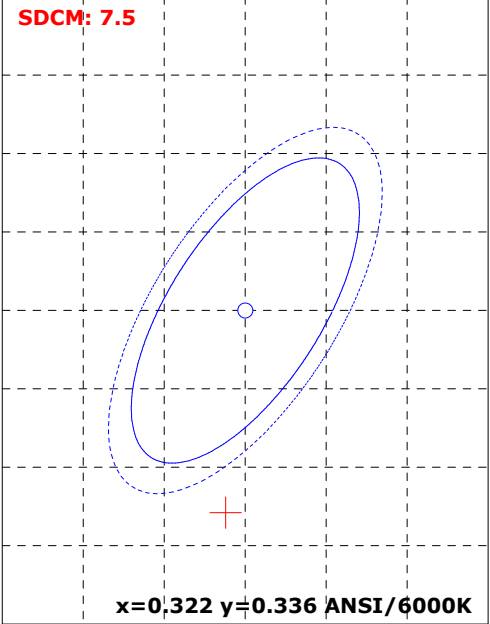


Spectrogram



SDCM



Color Parameter:

x: 0.3238 y: 0.3271 u: 0.2063 v: 0.3126 u': 0.2063 v': 0.4689
R_ratio: 30.3 % G_ratio: 38.8 % B_ratio: 30.8 % RedRatio: 15.8 % GreenRatio: 79.9 % BlueRatio: 4.3 %

Ra: 94.2 AvgR: 92.9
R1: 98.2 R2: 97.1 R3: 92.5 R4: 95.5 R5: 93.0 R6: 87.4 R7: 94.1 R8: 96.0
R9: 93.6 R10: 89.3 R11: 94.6 R12: 71.3 R13: 98.7 R14: 95.7 R15: 97.2

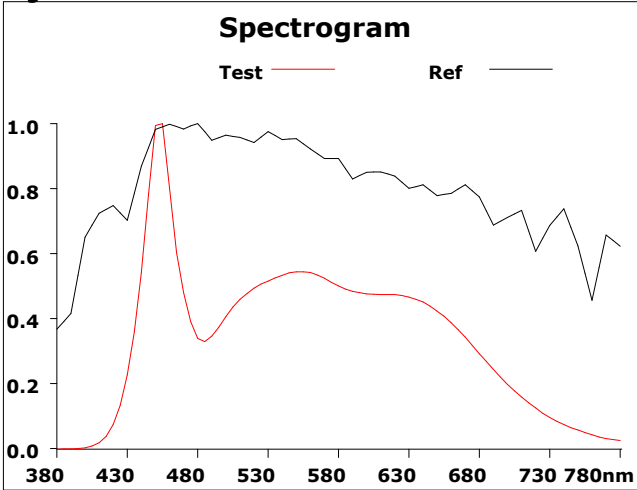
CCT: 5932 K Flux: 5850.601 lm PeakWave: 453.3 nm SDCM: 7.5
S/P: 2.2 CentralWave: 453.5 nm DominantWave: 482.8 nm CentroidWave: 560.2 nm
HalfWidth: 27.8 nm duv: -0.00330 purity: 3.7 % CQS: 85.8
LER(TM-30): 266.2 Ep: 21978.8 mw Rg: 101.5 Rf: 89.4
Red Ep: 6302.0 mw Near red Ep: 1115.6 mw Near infrared Ep: 74.7 mw

Electrical parameters:

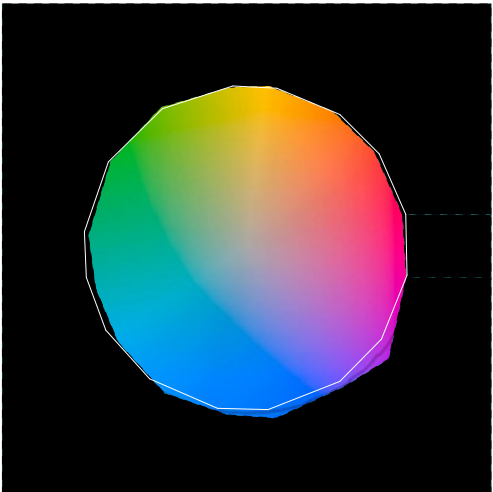
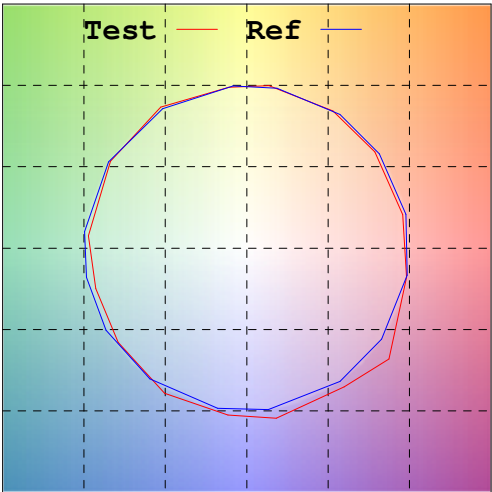
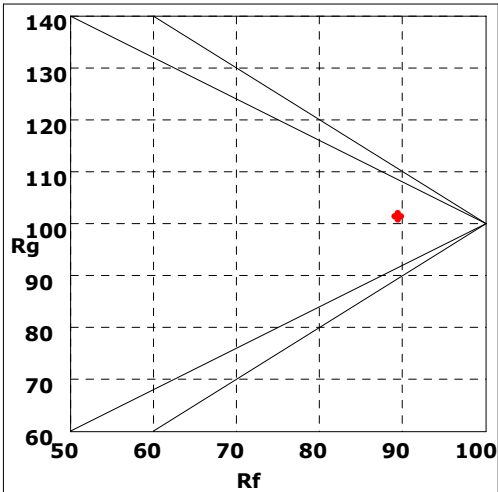
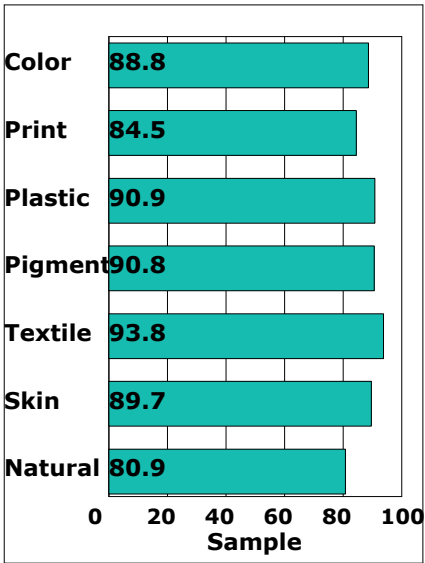
Effic: 31.4 Lm/W Energy: 34.2 Effi: G
U: 220.4 V I: 1.225 A P: 186.300 W Pf: 0.690

Product model: Manufacturer:
Product number: Test unit:
Tester: Date of observation: 10/30/23
Remarks:

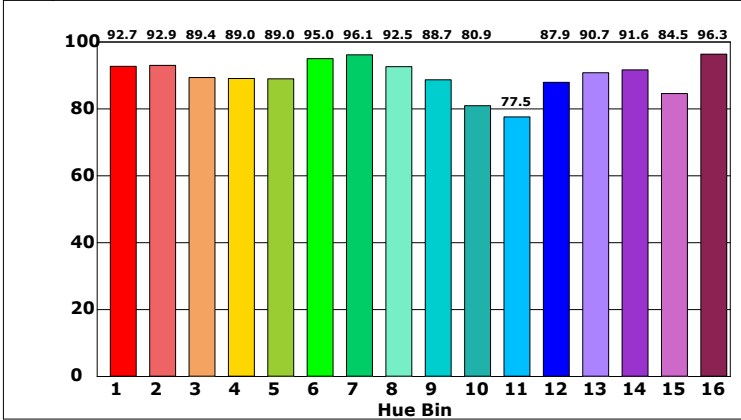
Rf: 89.4 CCT: 5932K u': 0.2063
Rg: 101.5 LER: 266.2 Duv: -0.00330 v': 0.4689



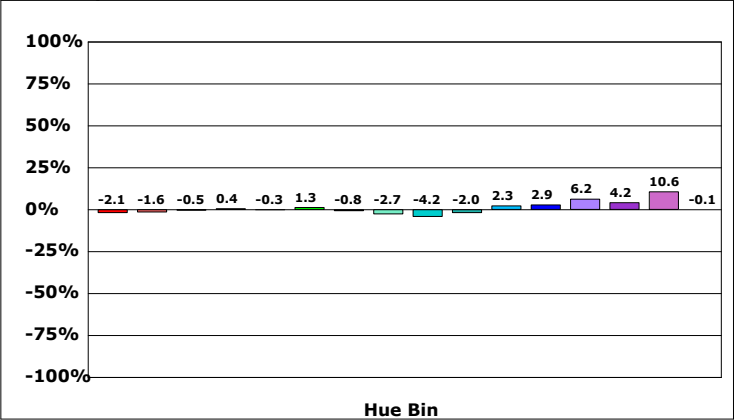
500			
Hue Bin	Rf	Chroma	Hue
1	92.7	-2.1%	0.2%
2	92.9	-1.6%	2.6%
3	89.4	-0.5%	4.7%
4	89.0	0.4%	5.1%
5	89.0	-0.3%	2.7%
6	95.0	1.3%	0.4%
7	96.1	-0.8%	-0.9%
8	92.5	-2.7%	2.0%
9	88.7	-4.2%	7.8%
10	80.9	-2.0%	10.4%
11	77.5	2.3%	12.4%
12	87.9	2.9%	6.8%
13	90.7	6.2%	3.9%
14	91.6	4.2%	0.2%
15	84.5	10.6%	-7.6%
16	96.3	-0.1%	-1.5%



Rf by Bue

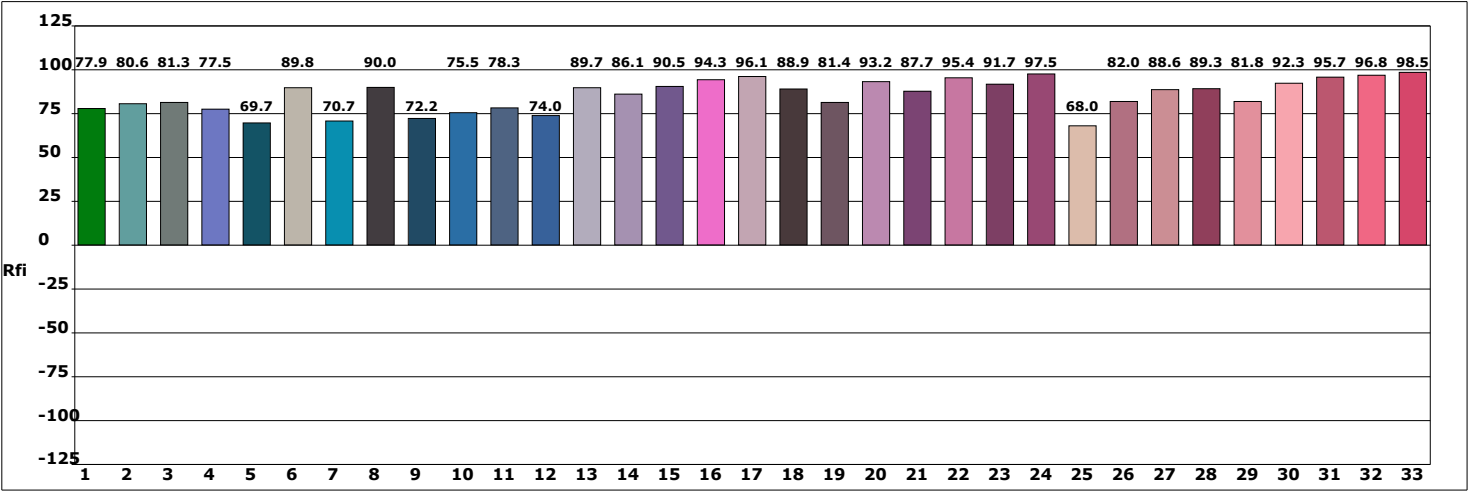
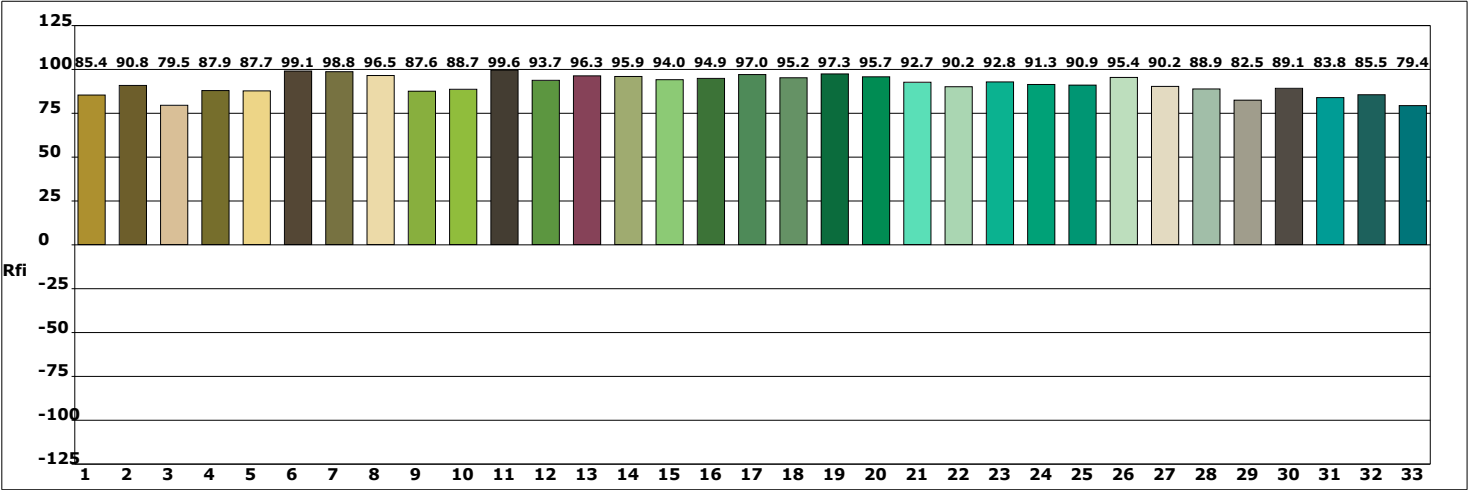
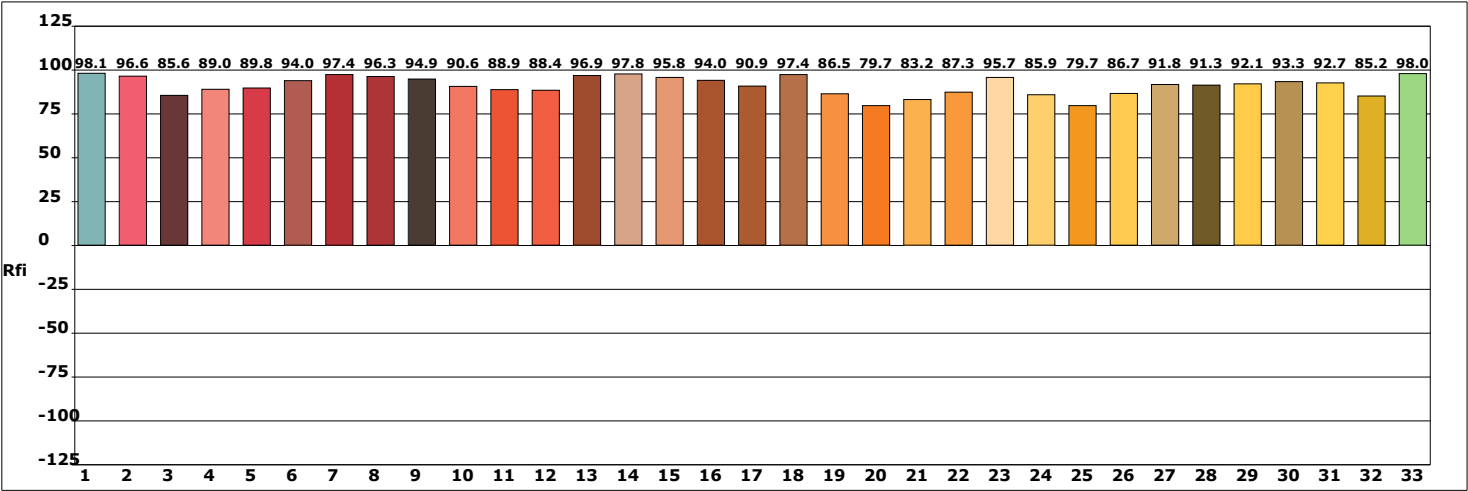


Chroma by Bue



Product model:
Product number:
Tester:
Remarks:

Manufacturer:
Test unit:
Date of observation: 10/30/23



Product model:
Product number:
Tester:
Remarks:

Manufacturer:
Test unit:
Date of observation: 10/30/23