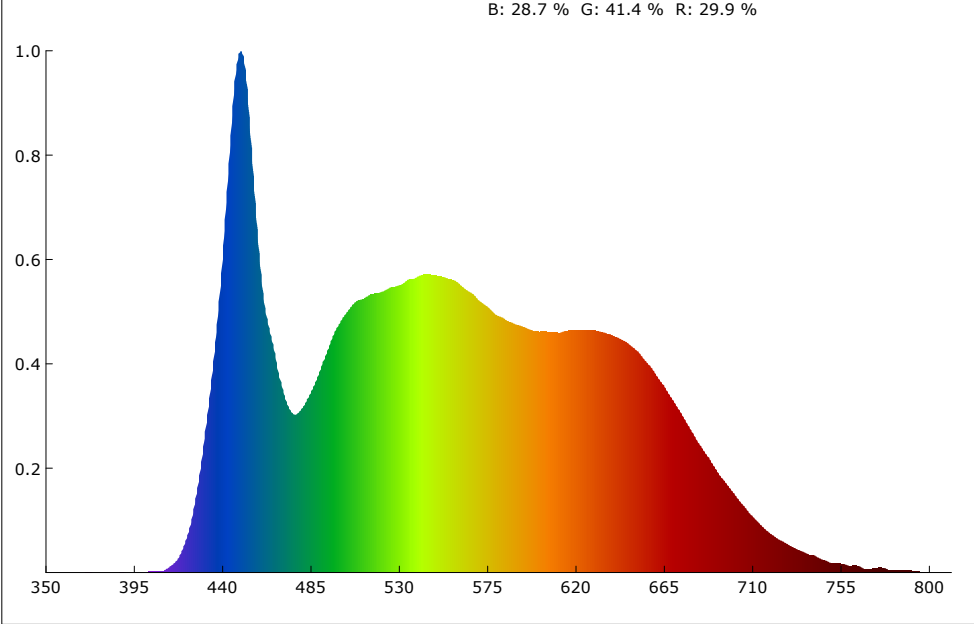
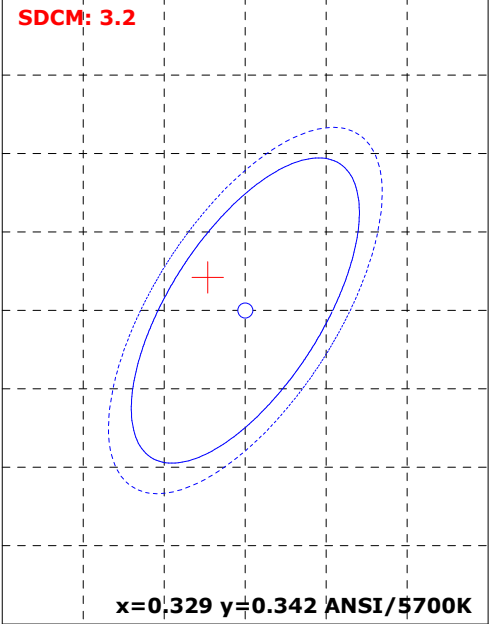


Spectrogram



SDCM



Color Parameter:

x: 0.3264	y: 0.3438	u: 0.2017	v: 0.3187	u': 0.2017	v': 0.4780
R_ratio: 29.9 %	G_ratio: 41.4 %	B_ratio: 28.7 %	RedRatio: 15.1 %	GreenRatio: 81.2 %	BlueRatio: 3.7 %
Ra: 92.5	AvgR: 89.9				
R1: 93.1	R2: 92.8	R3: 91.1	R4: 93.1	R5: 92.4	R6: 89.1
R7: 95.3	R8: 93.5	R9: 79.2	R10: 82.6	R11: 92.5	R12: 72.8
R13: 92.8	R14: 95.1	R15: 93.3			
CCT: 5767 K	Flux: 702.204 lm	PeakWave: 449.6 nm	SDCM: 3.2		
S/P: 2.2	CentralWave: 450.6 nm	DominantWave: 513.4 nm	CentroidWave: 556.4 nm		
HalfWidth: 23.7 nm	duv: 0.00413	purity: 2.3 %	CQS: 92.1		
LER(TM-30): 283.9	Ep: 2473.0 mw	Rg: 100.5	Rf: 90.6		
Red Ep: 716.8 mw	Near red Ep: 71.7 mw	Near infrared Ep: 1.7 mw			

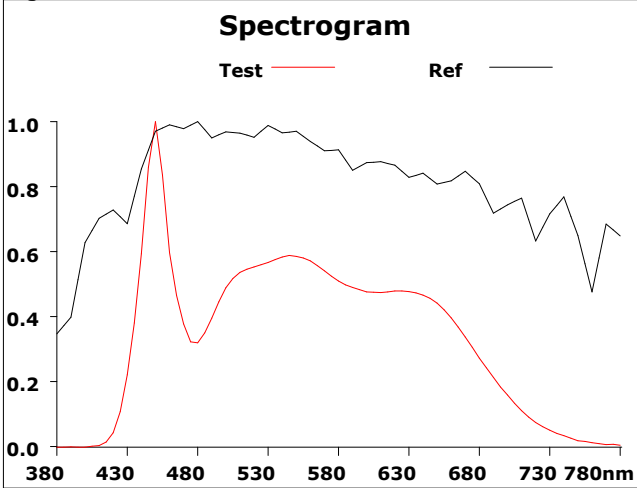
Electrical parameters:

Effic: 20.2 Lm/W	Energy: 22.0	Effi: G	
U: 222.4 V	I: 0.273 A	P: 34.750 W	Pf: 0.571

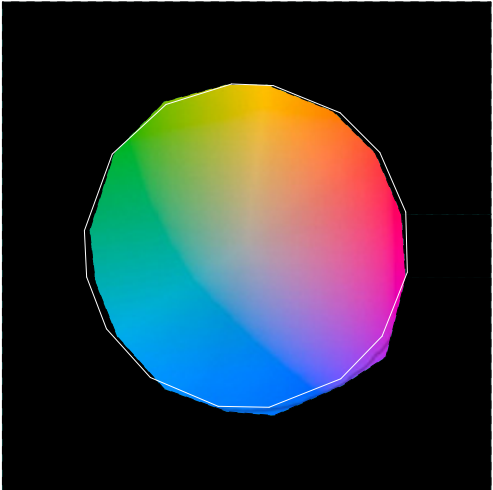
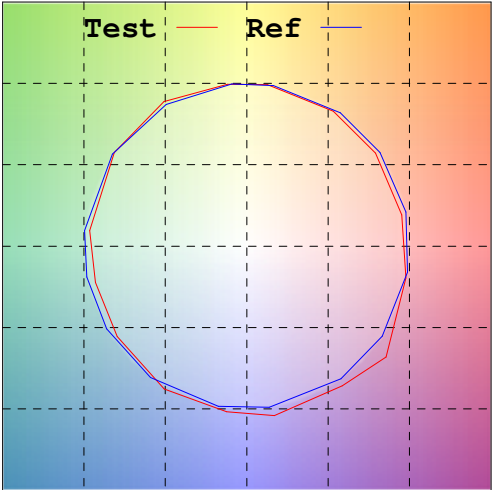
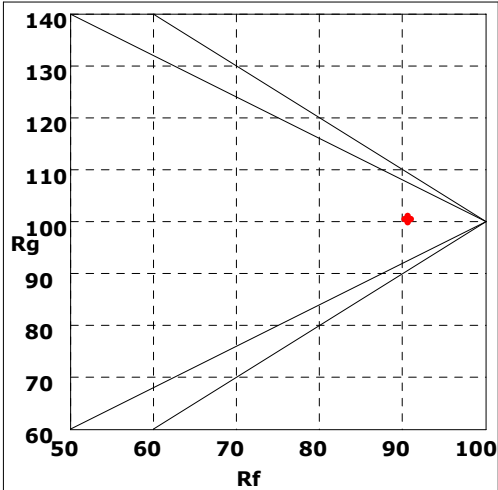
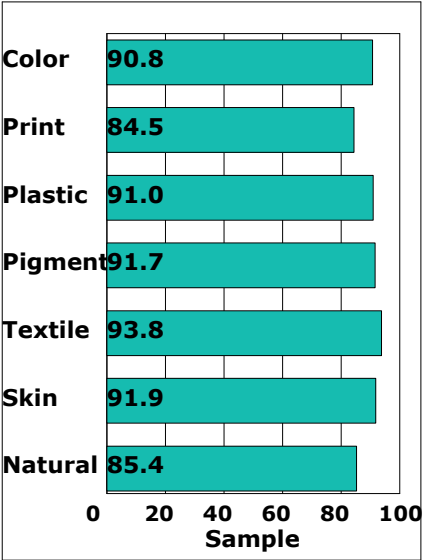
Product model:
Product number:
Tester:
Remarks:

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

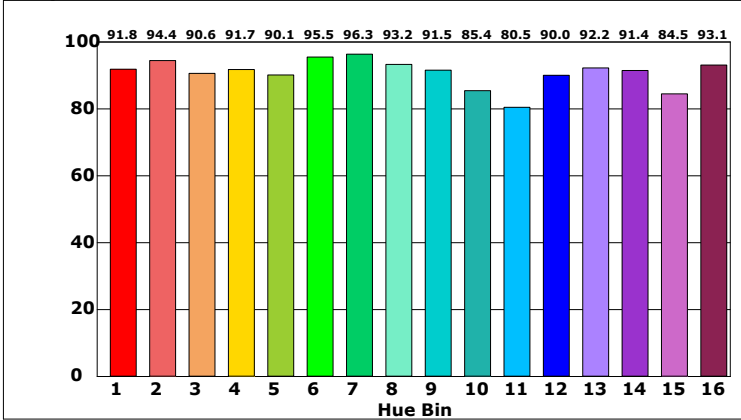
Rf: 90.6 CCT: 5767K u': 0.2017
Rg: 100.5 LER: 283.9 Duv: 0.00413 v': 0.4780



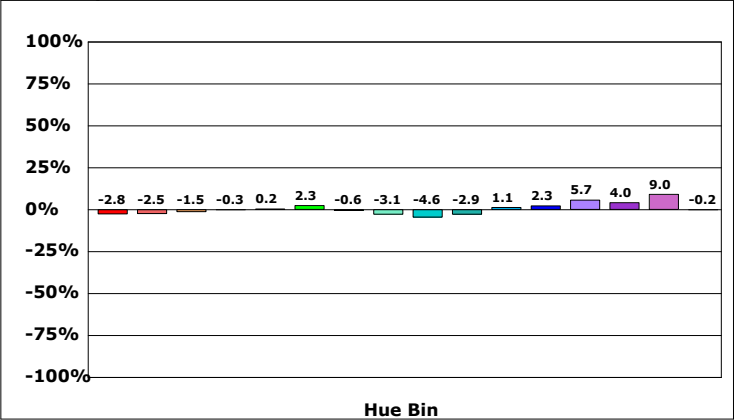
500			
Hue Bin	Rf	Chroma	Hue
1	91.8	-2.8%	-1.3%
2	94.4	-2.5%	1.3%
3	90.6	-1.5%	4.1%
4	91.7	-0.3%	3.8%
5	90.1	0.2%	2.6%
6	95.5	2.3%	0.2%
7	96.3	-0.6%	-1.5%
8	93.2	-3.1%	-0.7%
9	91.5	-4.6%	4.4%
10	85.4	-2.9%	7.6%
11	80.5	1.1%	11.0%
12	90.0	2.3%	5.7%
13	92.2	5.7%	2.2%
14	91.4	4.0%	-1.8%
15	84.5	9.0%	-9.4%
16	93.1	-0.2%	-3.5%



Rf by Bue

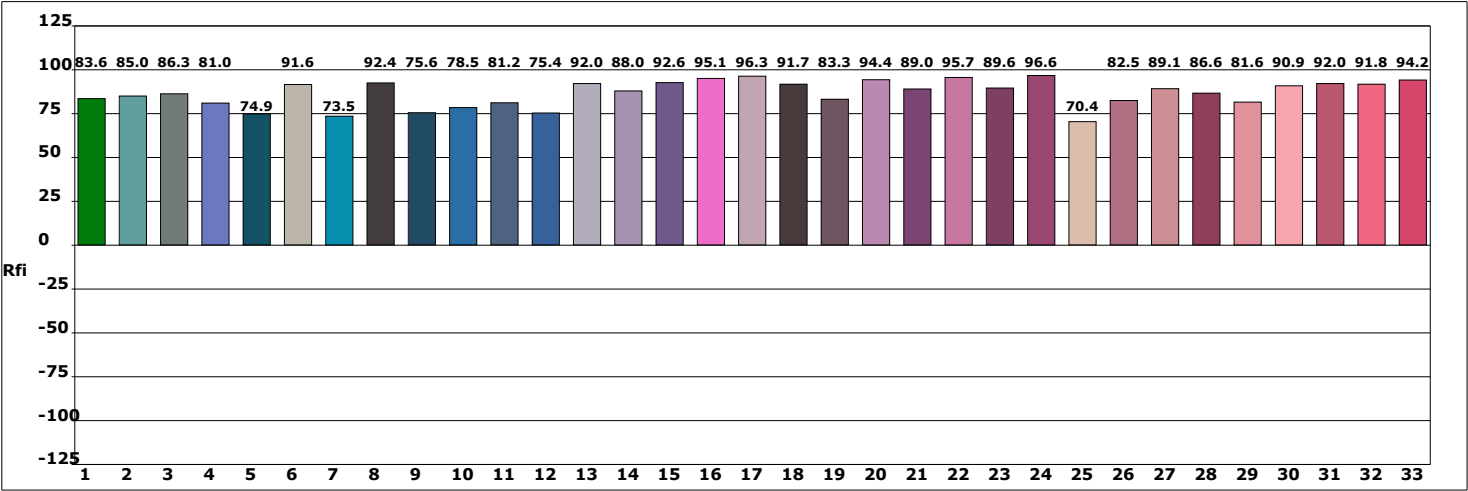
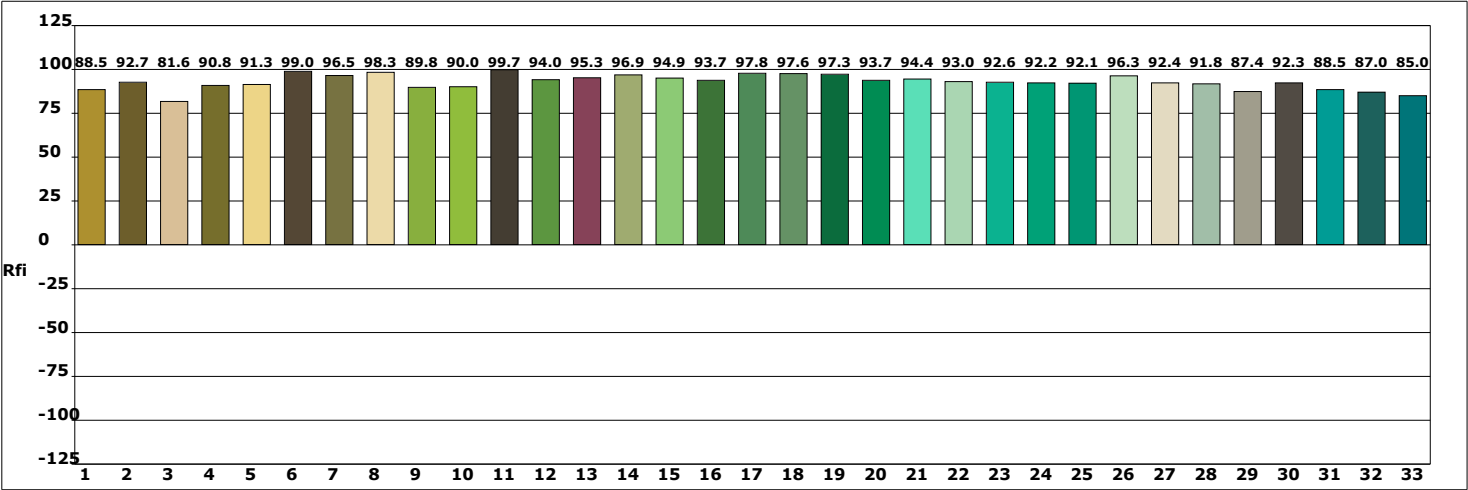
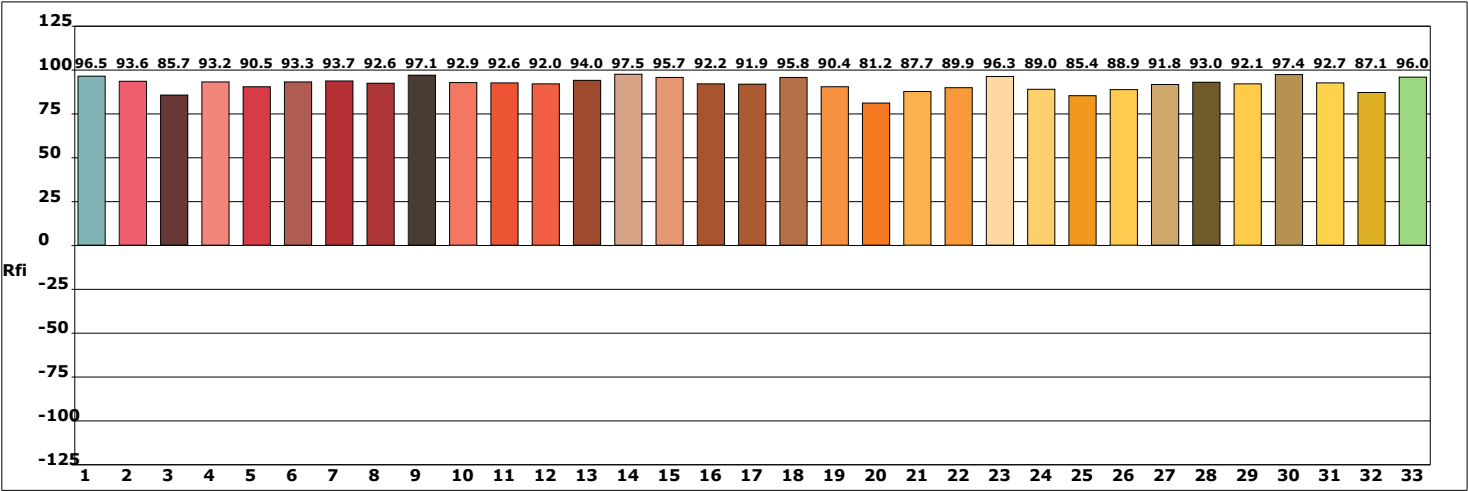


Chroma by Bue



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