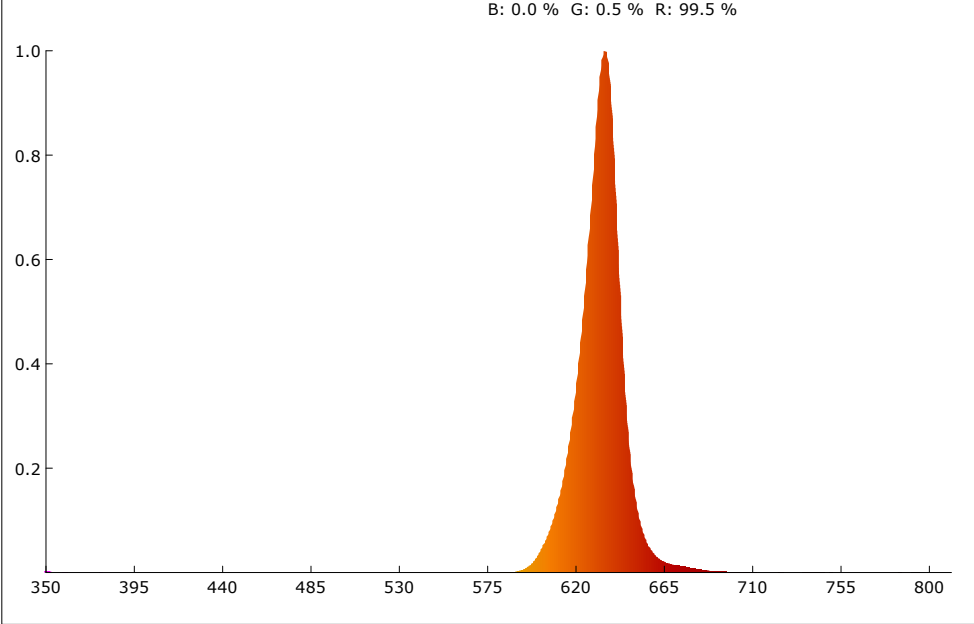
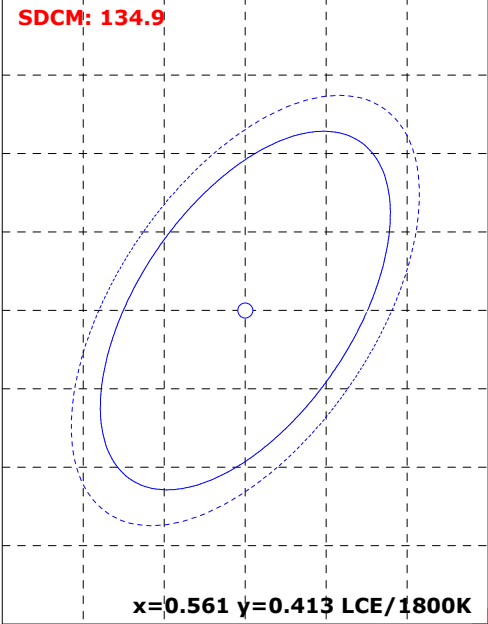


Spectrogram



SDCM



Color Parameter:

x: 0.7014 y: 0.2981 u: 0.5422 v: 0.3457 u': 0.5422 v': 0.5185
R_ratio: 99.5 % G_ratio: 0.5 % B_ratio: 0.0 % RedRatio: 98.3 % GreenRatio: 1.7 % BlueRatio: 0.0 %

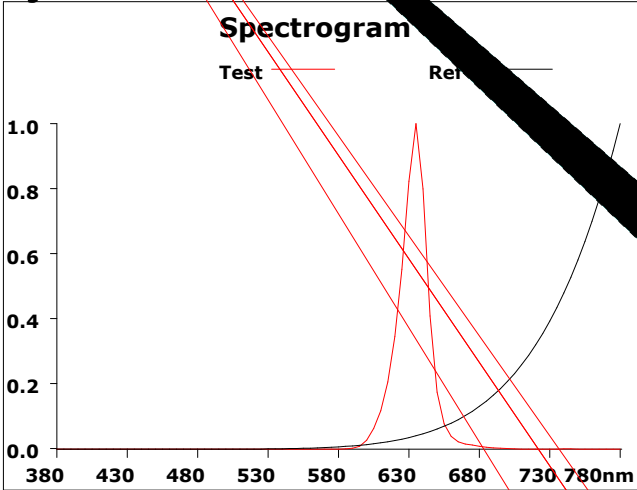
Ra: 9.4 AvgR: 9.4
R1: -1.7 R2: 74.3 R3: 29.6 R4: -31.1 R5: -1.2 R6: 90.8 R7: -2.6 R8: -82.7
R9: -99.0 R10: 67.4 R11: -17.4 R12: 79.9 R13: 22.9 R14: 58.2 R15: -45.7

CCT: 1000 K Flux: 881.894 lm PeakWave: 635.5 nm SDCM: 134.9
S/P: 0.0 CentralWave: 633.7 nm DominantWave: 625.8 nm CentroidWave: 632.9 nm
HalfWidth: 19.0 nm duv: -0.03392 purity: 99.9 % CQS: -nan(ind)
LER(TM-30): 170.0 Ep: 5187.4 mw Rg: 12.2 Rf: 6.1
Red Ep: 5142.3 mw Near red Ep: 9.2 mw Near infrared Ep: 2.0 mw

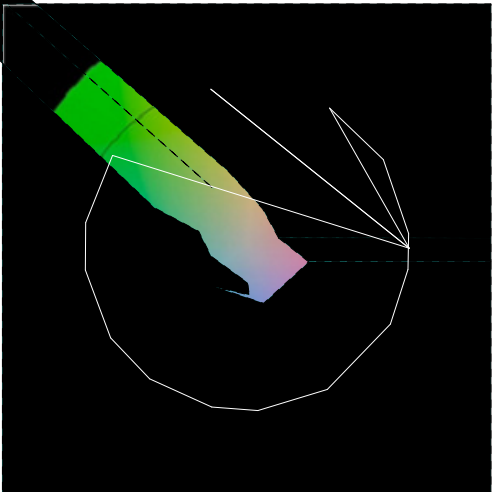
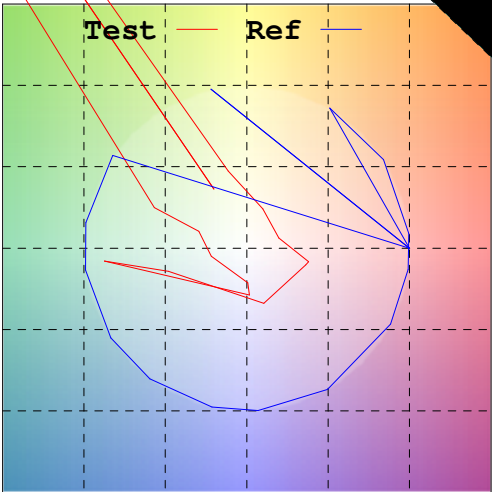
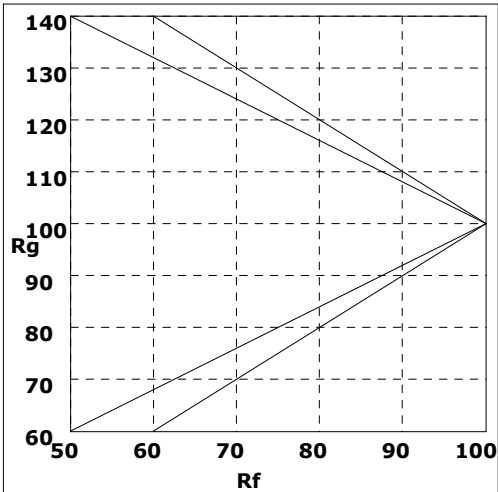
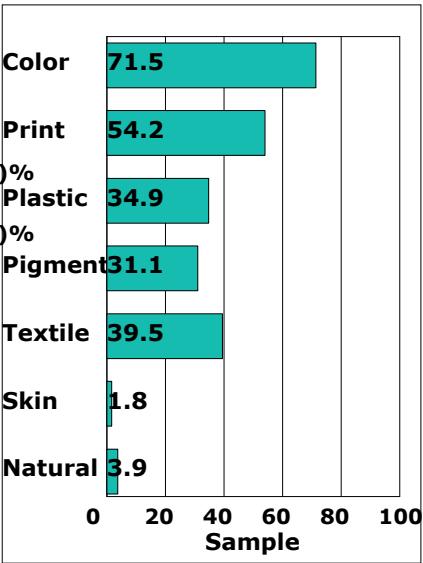
Electrical parameters:

Effic: 14.5 Lm/W Energy: 15.7 Effi: G
U: 220.9 V I: 0.454 A P: 60.980 W Pf: 0.607

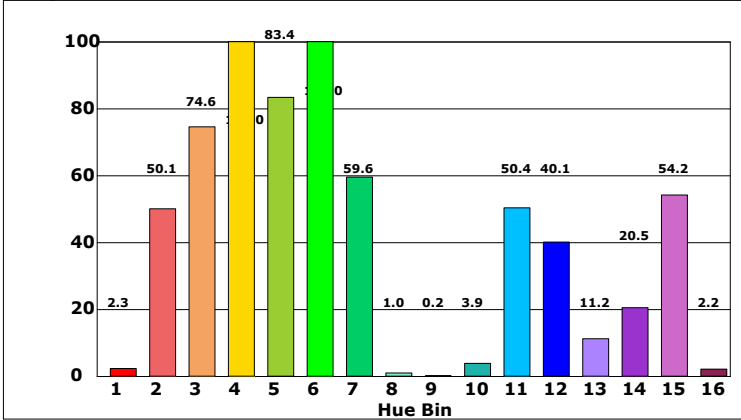
Rf: 6.1 CCT: 1000K u': 0.5422
Rg: 12.2 LER: 170.0 Duv: 0.03392 v': 0.5185



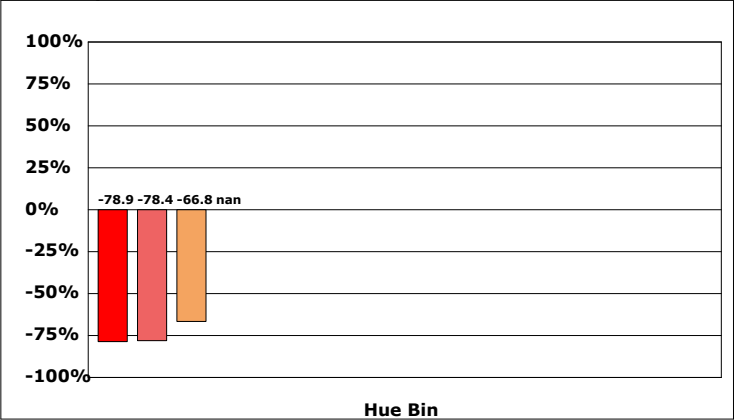
500			
Hue Bin	Rf	Chroma	Hue
1	2.3	-78.9%	12.8%
2	50.1	-78.4%	16.0%
3	74.6	-66.8%	30.3%
4	100.0	nan%	-nan(ind)%
5	83.4	-60.4%	10.2%
6	100.0	nan%	-nan(ind)%
7	59.6	-39.0%	12.5%
8	1.0	-69.1%	-8.3%
9	0.2	-77.5%	6.7%
10	3.9	-88.7%	18.4%
11	50.4	-76.9%	22.3%
12	40.1	-75.1%	-82.2%
13	11.2	-94.5%	-37.3%
14	20.5	-75.7%	-3.1%
15	54.2	-77.5%	1.2%
16	2.2	-77.3%	-7.3%



Rf by Bue



Chroma by Bue



ERROR: undefined
OFFENDING COMMAND: -214747841rp

STACK:

-2.14748e+010
3173