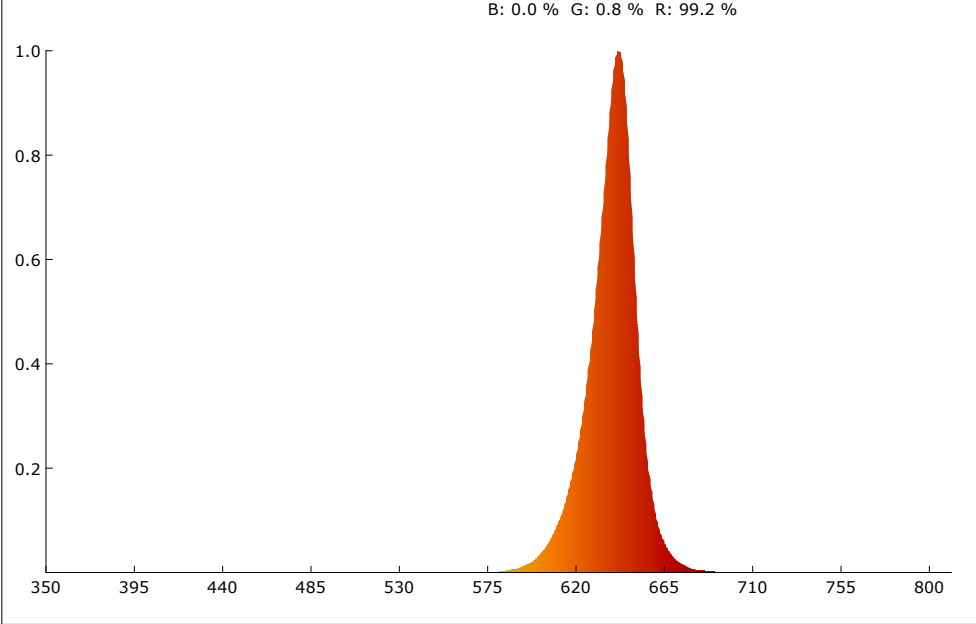
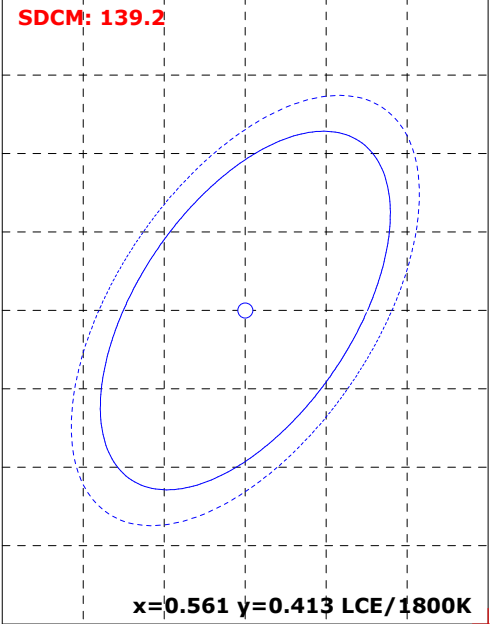


Spectrogram



SDCM



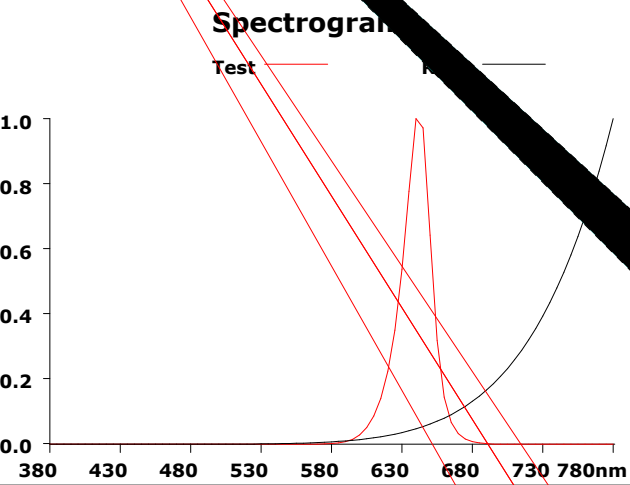
Color Parameter:

x: 0.7056	y: 0.2942	u: 0.5513	v: 0.3448	u': 0.5513	v': 0.5172
R_ratio: 99.2 %	G_ratio: 0.8 %	B_ratio: 0.0 %	RedRatio: 96.9 %	GreenRatio: 3.1 %	BlueRatio: 0.0 %
Ra: 15.1	AvgR: 13.6				
R1: 0.0	R2: 72.2	R3: 37.4	R4: -23.9	R5: 4.2	R6: 86.0
R7: 8.9	R8: -63.4	R9: -99.0	R10: 65.7	R11: -13.9	R12: 80.5
R13: 22.2	R14: 61.9	R15: -35.2			
CCT: 1000 K	Flux: 132.646 lm	PeakWave: 642.3 nm	SDCM: 139.2		
S/P: 0.0	CentralWave: 640.5 nm	DominantWave: 628.4 nm	CentroidWave: 638.8 nm		
HalfWidth: 21.4 nm	duv: -0.00825	purity: 100.0 %	CQS: -nan(ind)		
LER(TM-30): 138.3	Ep: 959.0 mw	Rg: 2.5	Rf: 16.3		
Red Ep: 951.6 mw	Near red Ep: 0.1 mw	Near infrared Ep: 0.0 mw			

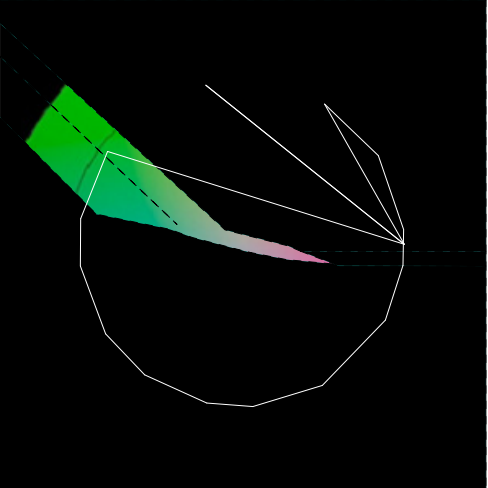
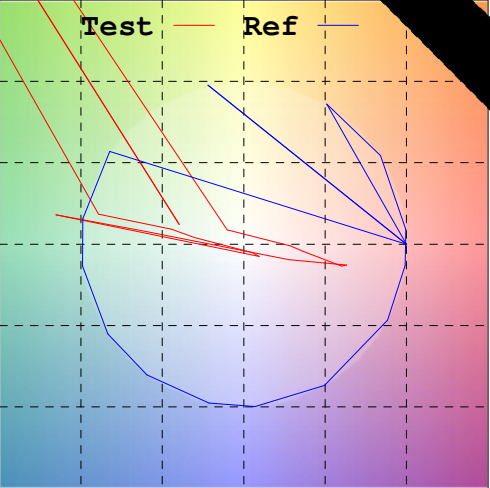
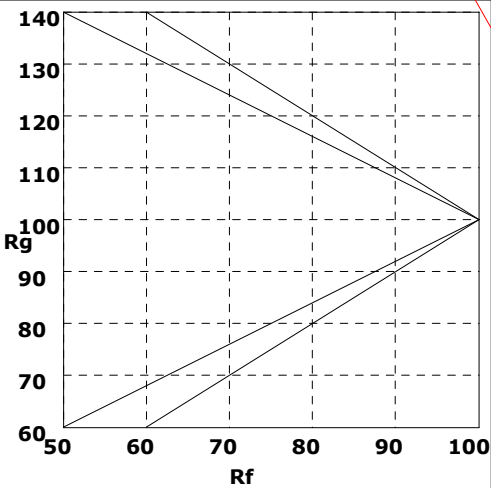
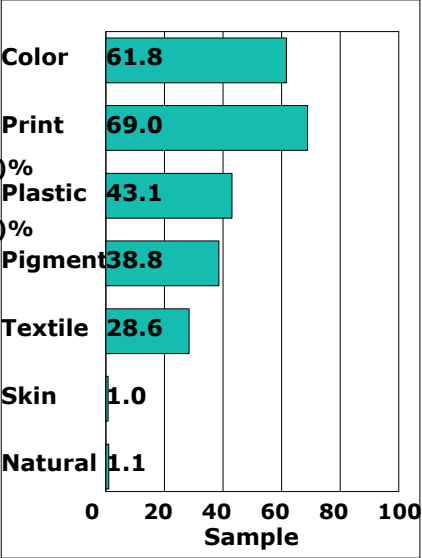
Electrical parameters:

Effic: 2.9 Lm/W	Energy: 3.1	Effi: G	
U: 220.7 V	I: 0.349 A	P: 46.470 W	Pf: 0.602

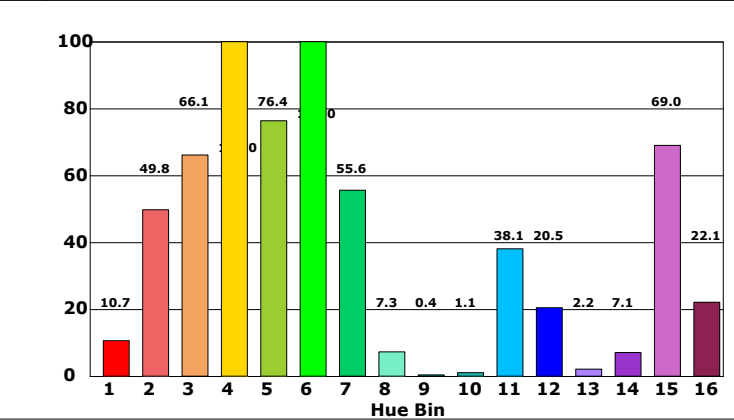
Rf: 16.3 CCT: 1000K u': 0.5513
Rg: 2.5 LER: 138.3 Du: 0.00825 v': 0.5172



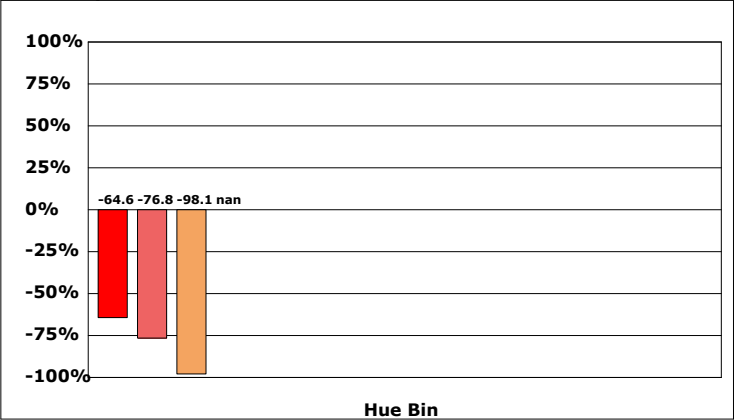
500			
Hue Bin	Rf	Chroma	Hue
1	10.7	-64.6%	-0.9%
2	49.8	-76.8%	-15.3%
3	66.1	-98.1%	8.0%
4	100.0	nan%	-nan(ind)%
5	76.4	-80.5%	33.9%
6	100.0	nan%	-nan(ind)%
7	55.6	-15.7%	35.8%
8	7.3	-54.7%	-4.2%
9	0.4	-71.0%	-3.8%
10	1.1	-101.5%	7.7%
11	38.1	-98.9%	16.9%
12	20.5	-95.2%	-114.7%
13		-118.5%	-44.8%
14	7.1	-76.6%	24.6%
15	69.0	-99.8%	14.2%
16	22.1		-8.1%



Rf by Bue



Chroma by Bue



ERROR: undefined
OFFENDING COMMAND: -214747841rp

STACK:

-2.14748e+010
3173