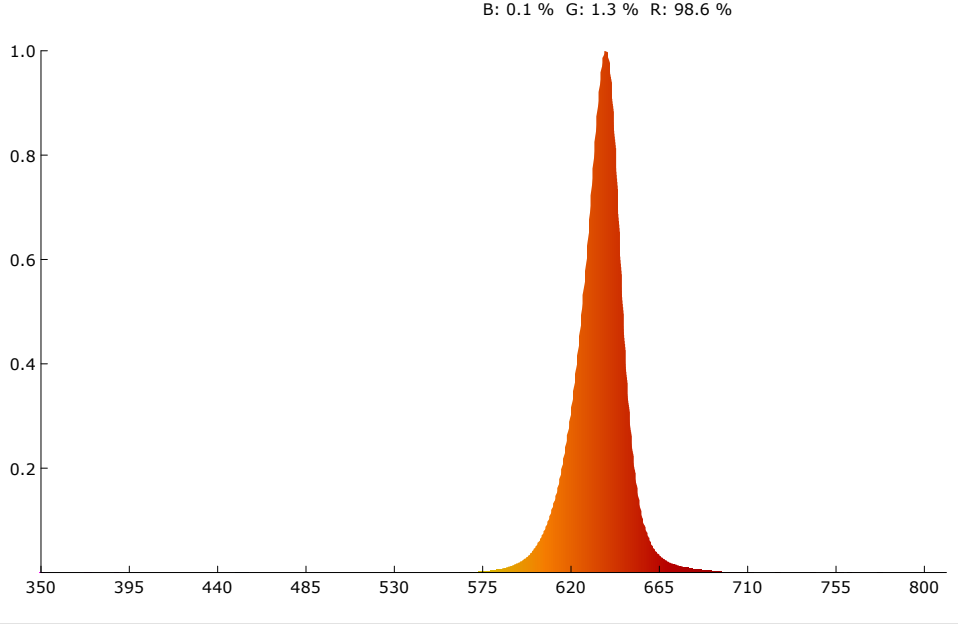
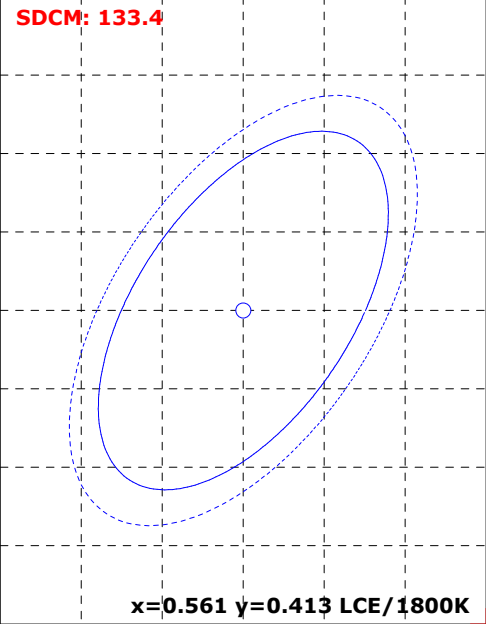


Spectrogram



SDCM



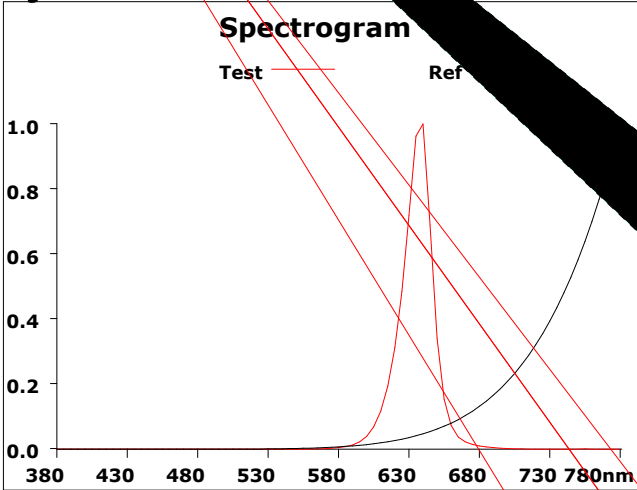
Color Parameter:

x: 0.6996	y: 0.2991	u: 0.5392	v: 0.3458	u': 0.5392	v': 0.5187
R_ratio: 98.6 %	G_ratio: 1.3 %	B_ratio: 0.1 %	RedRatio: 95.3 %	GreenRatio: 4.7 %	BlueRatio: 0.0 %
Ra: 21.4	AvgR: 18.9				
R1: 7.7	R2: 75.0	R3: 41.5	R4: -14.6	R5: 12.2	R6: 90.4
R7: 13.0	R8: -53.9	R9: -99.0	R10: 68.7	R11: -4.5	R12: 79.7
R13: 28.0	R14: 65.4	R15: -25.8			
CCT: 1000 K	Flux: 367.474 lm	PeakWave: 638.5 nm	SDCM: 133.4		
S/P: 0.0	CentralWave: 636.5 nm	DominantWave: 625.2 nm	CentroidWave: 634.8 nm		
HalfWidth: 20.8 nm	duv: 0.04931	purity: 99.6 %	CQS: -nan(ind)		
LER(TM-30): 160.4	Ep: 2290.6 mw	Rg: 51.4	Rf: 19.7		
Red Ep: 2252.0 mw	Near red Ep: 4.6 mw	Near infrared Ep: 0.2 mw			

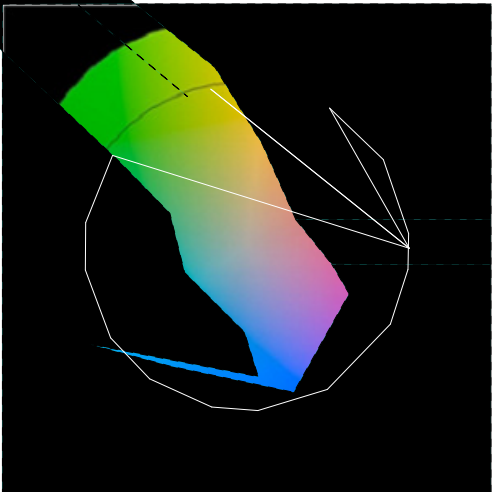
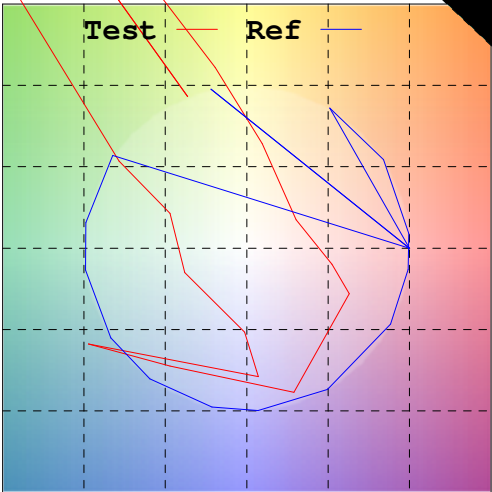
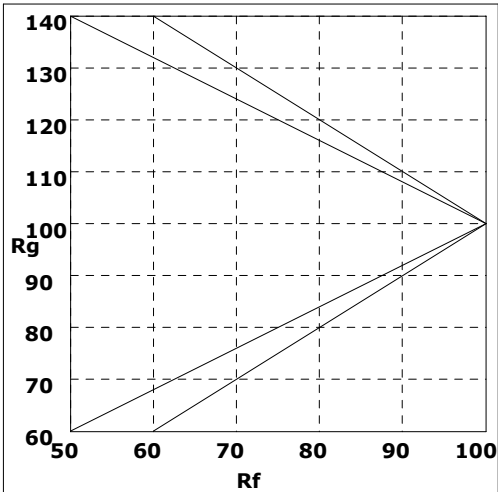
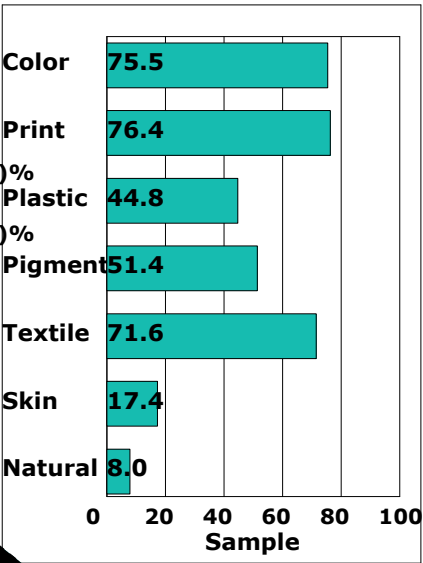
Electrical parameters:

Effic: 5.5 Lm/W	Energy: 6.0	Effi: G	
U: 222.1 V	I: 0.483 A	P: 66.430 W	Pf: 0.618

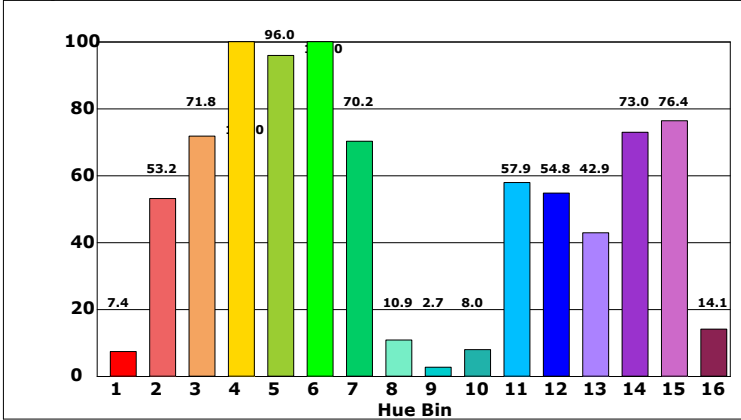
Rf: 19.7 CCT: 1000K u': 0.5392
Rg: 51.4 LER: 160.4 Duv: 0.021 v': 0.5187



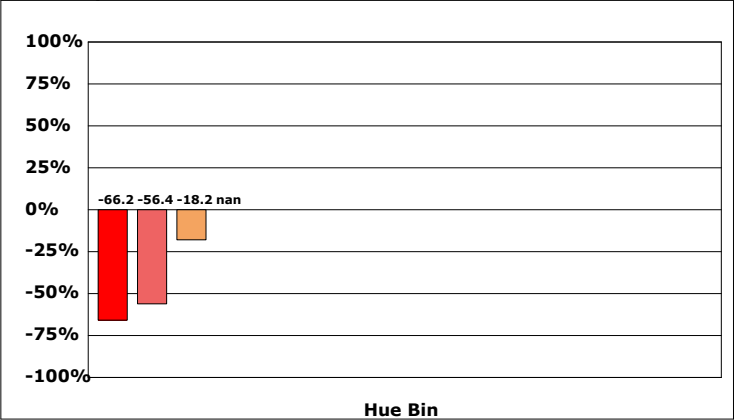
500			
Hue Bin	Rf	Chroma	Hue
1	7.4	-66.2%	21.8%
2	53.2	-56.4%	49.5%
3	71.8	-18.2%	72.4%
4	100.0	nan%	-nan(ind)%
5	96.0	-1.6%	14.8%
6	100.0	nan%	-nan(ind)%
7	70.2	-5.2%	0.9%
8	10.9	-49.6%	-15.7%
9	2.7	-59.5%	13.3%
10	8.0	-70.2%	42.7%
11	57.9	38.2%	54.6%
12	54.8	3.3%	-81.9%
13	42.9	-47.7%	
14	73.0	18.1%	
15	76.4		
16	14.1	-46.0%	



Rf by Bue



Chroma by Bue



ERROR: undefined
OFFENDING COMMAND: -214747841rp

STACK:

-2.14748e+010
3173