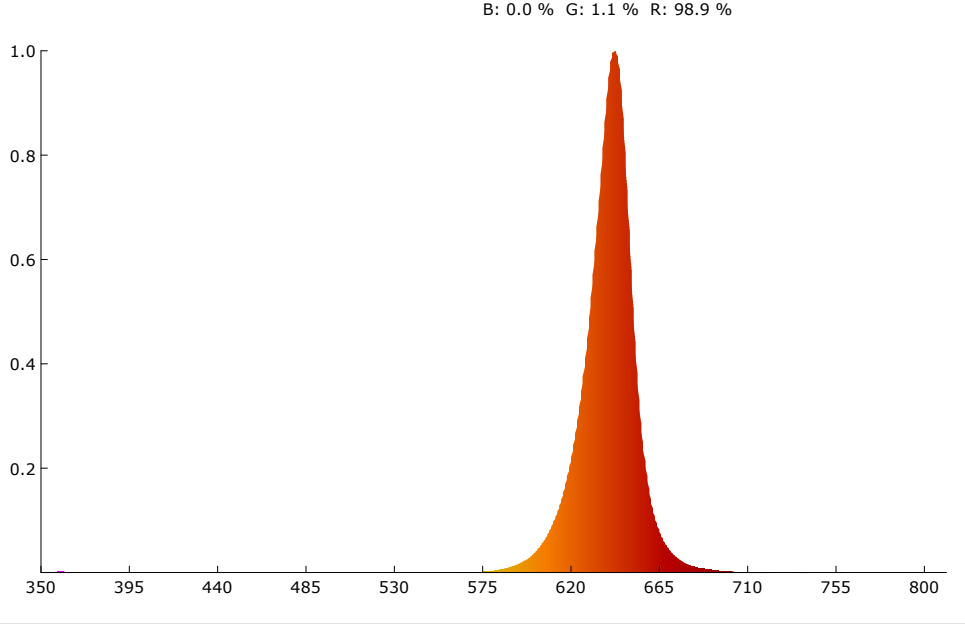
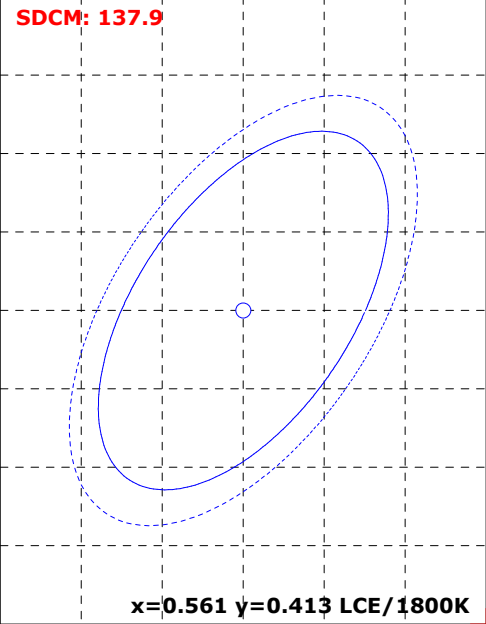


Spectrogram



SDCM



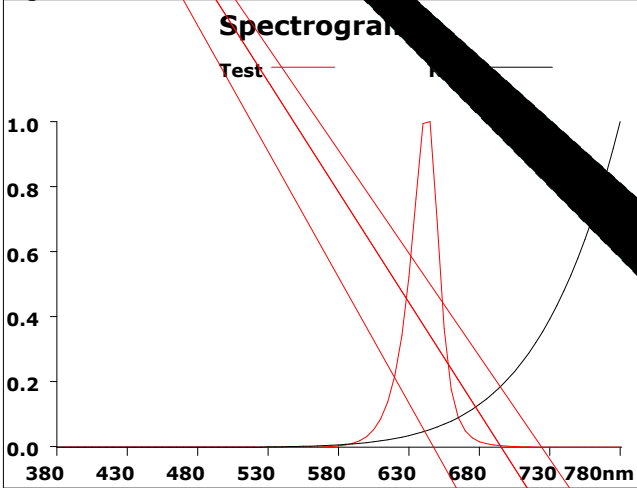
Color Parameter:

x: 0.7043	y: 0.2954	u: 0.5485	v: 0.3451	u': 0.5485	v': 0.5177
R_ratio: 98.9 %	G_ratio: 1.1 %	B_ratio: 0.0 %	RedRatio: 95.6 %	GreenRatio: 4.4 %	BlueRatio: 0.0 %
Ra: 21.6	AvgR: 18.7				
R1: 5.4	R2: 72.7	R3: 43.8	R4: -14.6	R5: 11.9	R6: 86.4
R7: 16.5	R8: -49.3	R9: -99.0	R10: 66.5	R11: -6.6	R12: 81.0
R13: 25.2	R14: 65.9	R15: -24.8			
CCT: 1000 K	Flux: 983.523 lm	PeakWave: 642.7 nm	SDCM: 137.9		
S/P: 0.0	CentralWave: 641.1 nm	DominantWave: 627.6 nm	CentroidWave: 639.4 nm		
HalfWidth: 21.8 nm	duv: -0.04427	purity: 99.9 %	CQS: -nan(ind)		
LER(TM-30): 135.5	Ep: 7258.5 mw	Rg: 9.2	Rf: 24.6		
Red Ep: 7159.5 mw	Near red Ep: 14.4 mw	Near infrared Ep: 0.5 mw			

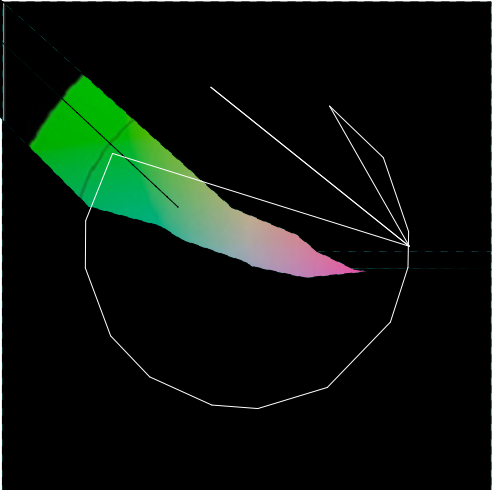
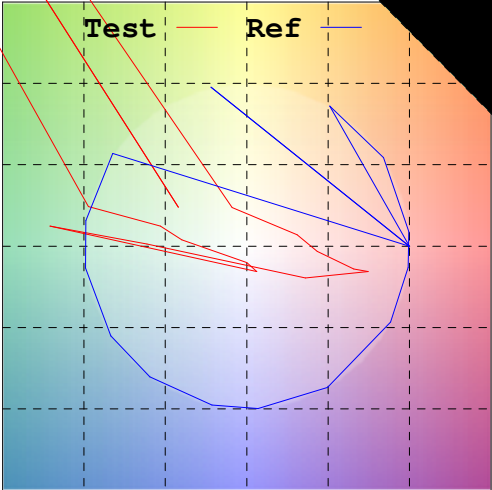
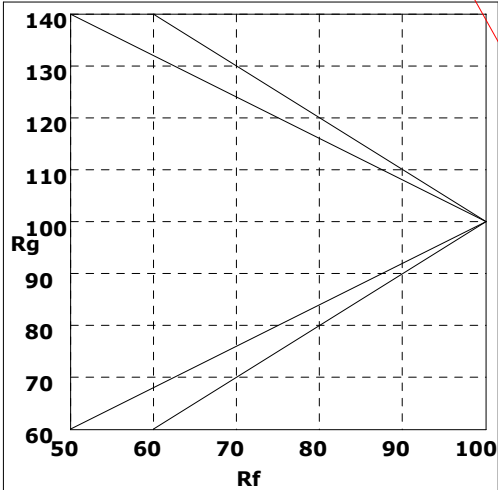
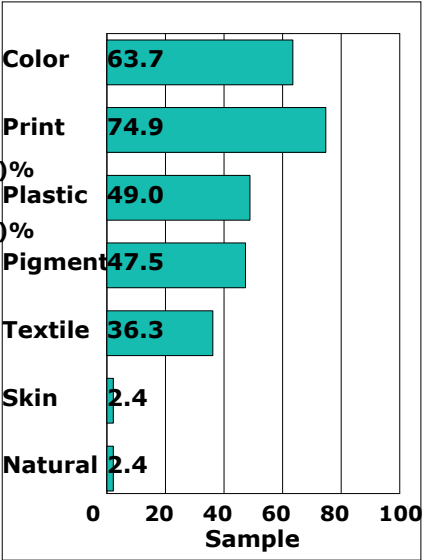
Electrical parameters:

Effic: 9.5 Lm/W	Energy: 10.4	Effi: G	
U: 219.4 V	I: 0.720 A	P: 103.100 W	Pf: 0.652

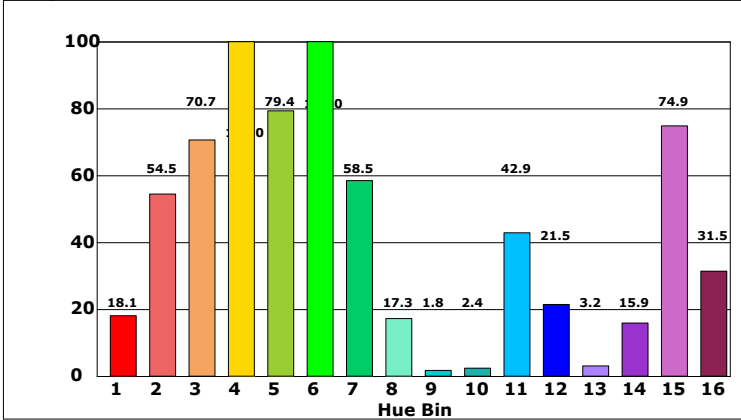
Rf: 24.6 CCT: 1000K u': 0.5485
Rg: 9.2 LER: 135.5 Du: 0.04427 v': 0.5177



500			
Hue Bin	Rf	Chroma	Hue
1	18.1	-57.5%	-1.0%
2	54.5	-70.3%	-10.0%
3	70.7	-85.0%	15.2%
4	100.0	nan%	-nan(ind)%
5	79.4	-68.3%	33.9%
6	100.0	nan%	-nan(ind)%
7	58.5	-5.7%	35.4%
8	17.3	-45.5%	-5.5%
9	1.8	-61.6%	-5.4%
10	2.4	-94.5%	8.9%
11	42.9	-90.3%	18.6%
12	21.5	-88.4%	-118.9%
13	3.2	-112.5%	-47.1%
14	15.9	63.4%	26.2%
15	74.9	18%	18.1%
16	31.5	nan%	-7.5%



Rf by Bue



Chroma by Bue



ERROR: undefined
OFFENDING COMMAND: -214747841rp

STACK:

-2.14748e+010
3173