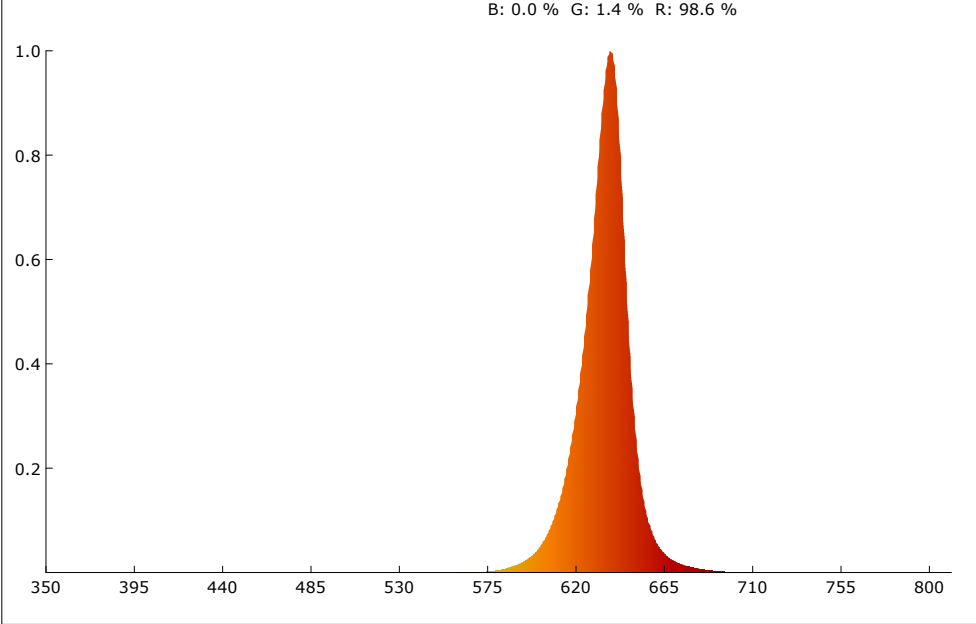
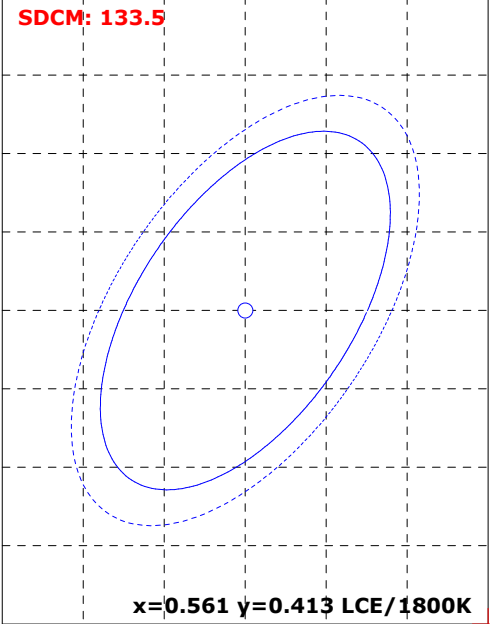


Spectrogram



SDCM



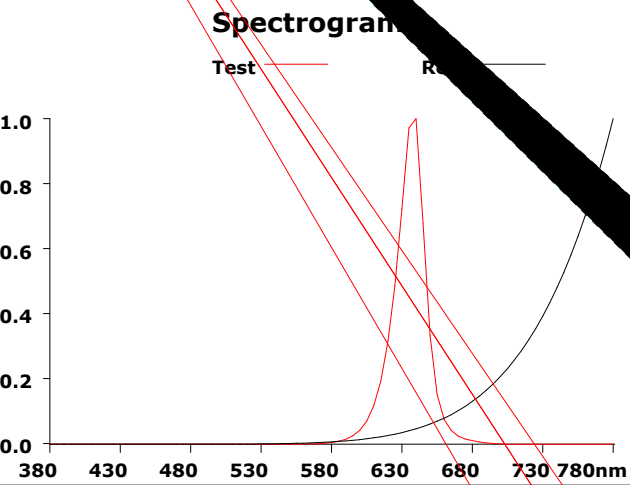
Color Parameter:

x: 0.7001	y: 0.2997	u: 0.5389	v: 0.3461	u': 0.5389	v': 0.5192
R_ratio: 98.6 %	G_ratio: 1.4 %	B_ratio: 0.0 %	RedRatio: 95.1 %	GreenRatio: 4.9 %	BlueRatio: 0.0 %
Ra: 18.8	AvgR: 16.0				
R1: 4.2	R2: 72.1	R3: 41.9	R4: -15.2	R5: 12.6	R6: 83.0
R7: 9.2	R8: -56.7				
R9: -99.0	R10: 65.7	R11: -6.6	R12: 68.5	R13: 23.6	R14: 65.6
R15: -28.3					
CCT: 1000 K	Flux: 286.549 lm	PeakWave: 638.5 nm	SDCM: 133.5		
S/P: 0.0	CentralWave: 636.3 nm	DominantWave: 624.8 nm	CentroidWave: 634.9 nm		
HalfWidth: 20.6 nm	duv: 0.04931	purity: 100.0 %	CQS: -nan(ind)		
LER(TM-30): 161.4	Ep: 1775.1 mw	Rg: 10.2	Rf: 16.1		
Red Ep: 1748.5 mw	Near red Ep: 1.0 mw	Near infrared Ep: 0.1 mw			

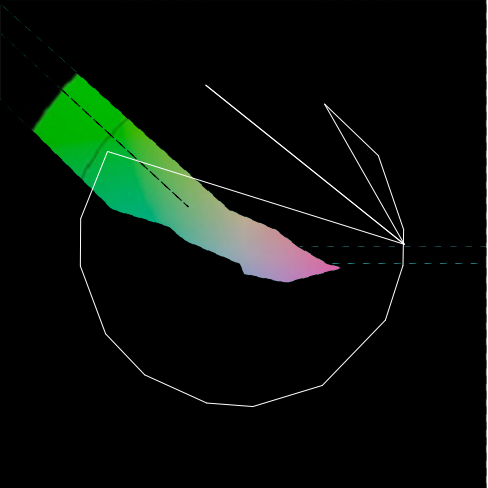
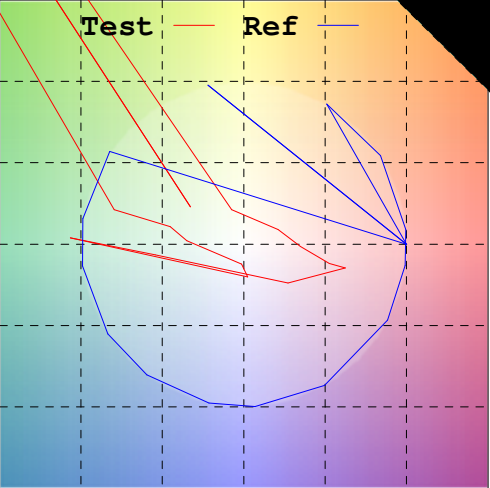
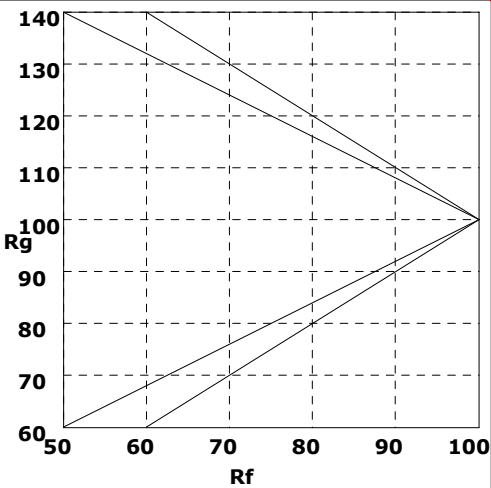
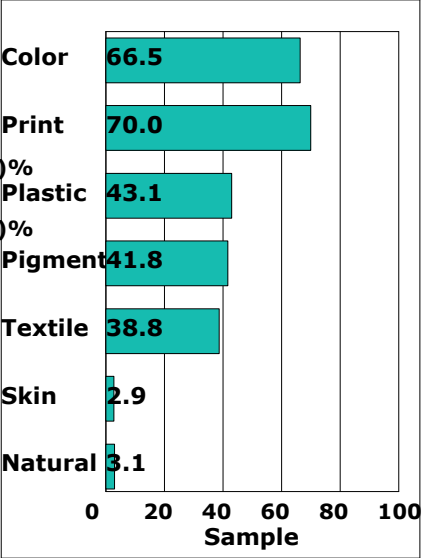
Electrical parameters:

Effic: 4.3 Lm/W	Energy: 4.7	Effi: G	
U: 222.0 V	I: 0.483 A	P: 66.330 W	Pf: 0.617

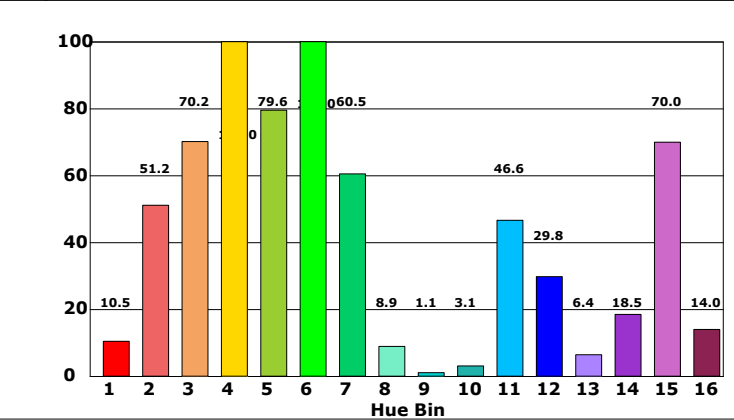
Rf: 16.1 CCT: 1000K u': 0.5389
Rg: 10.2 LER: 161.4 Duva: 04931 v': 0.5192



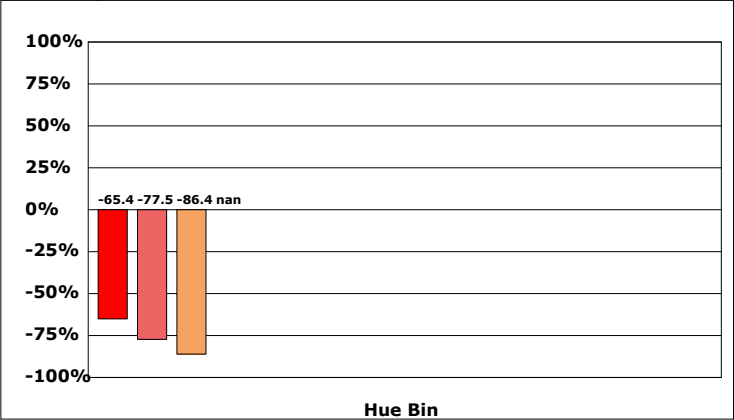
500			
Hue Bin	Rf	Chroma	Hue
1	10.5	-65.4%	2.3%
2	51.2	-77.5%	-2.9%
3	70.2	-86.4%	12.4%
4	100.0	nan%	-nan(ind)%
5	79.6	-71.1%	25.1%
6	100.0	nan%	-nan(ind)%
7	60.5	-22.1%	28.2%
8	8.9	-53.5%	-5.4%
9	1.1	-66.0%	-2.8%
10	3.1	-92.1%	10.0%
11	46.6	-84.4%	18.0%
12	29.8	-82.9%	-103.1%
13	6.4	-103.4%	-42.0%
14	18.5	64.8%	16.3%
15	70.0	4%	12.1%
16	14.0	nan%	-7.9%



Rf by Bue



Chroma by Bue



ERROR: undefined
OFFENDING COMMAND: -214747841rp

STACK:

-2.14748e+010
3173