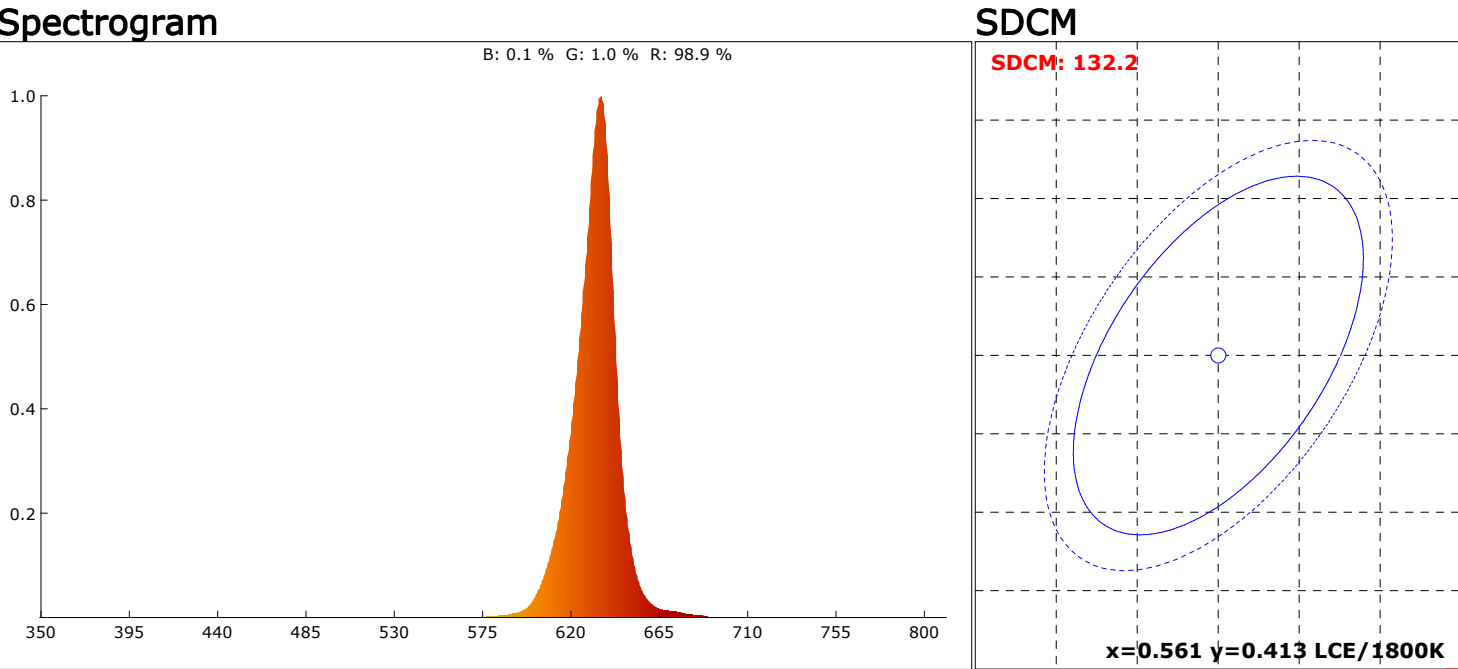




Color Parameter:

x: 0.6984	y: 0.3001	u: 0.5368	v: 0.3460	u': 0.5368	v': 0.5190
R_ratio: 98.9 %	G_ratio: 1.0 %	B_ratio: 0.1 %	RedRatio: 96.6 %	GreenRatio: 3.4 %	BlueRatio: 0.0 %

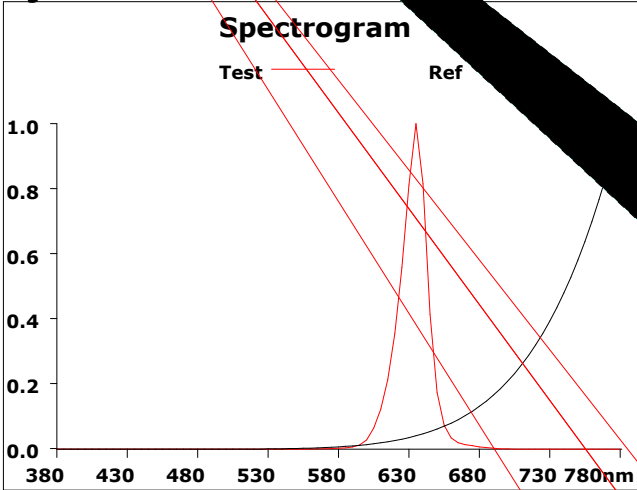
Ra: 20.5	AvgR: 18.9						
R1: 10.0	R2: 77.9	R3: 39.3	R4: -13.0	R5: 12.9	R6: 93.9	R7: 7.2	R8: -64.2
R9: -99.0	R10: 71.9	R11: 2.4	R12: 77.2	R13: 32.3	R14: 64.8	R15: -30.1	

CCT: 1000 K	Flux: 131.442 lm	PeakWave: 635.5 nm	SDCM: 132.2
S/P: 0.1	CentralWave: 633.7 nm	DominantWave: 624.6 nm	CentroidWave: 632.3 nm
HalfWidth: 19.0 nm	duv: -0.00766	purity: 99.6 %	CQS: -nan(ind)
LER(TM-30): 174.1	Ep: 755.0 mw	Rg: 53.1	Rf: 17.2
Red Ep: 746.4 mw	Near red Ep: 0.2 mw	Near infrared Ep: 0.0 mw	

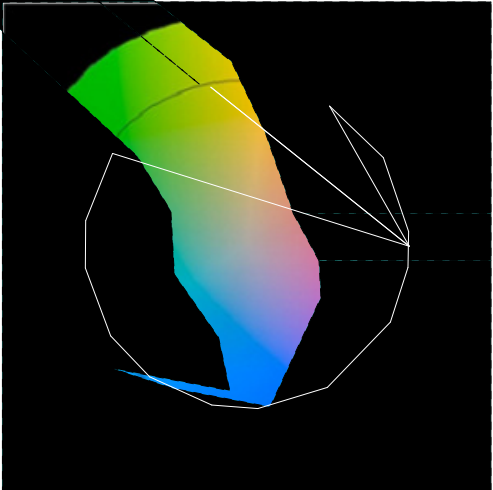
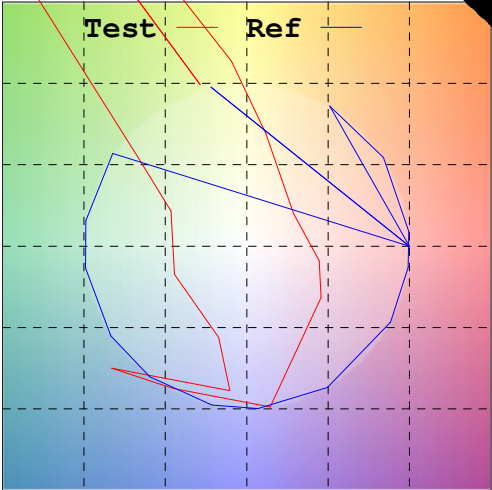
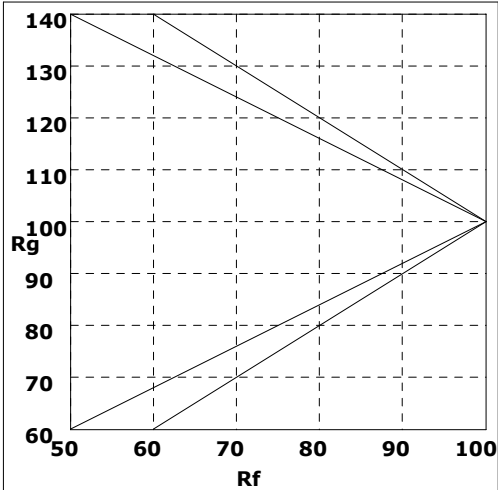
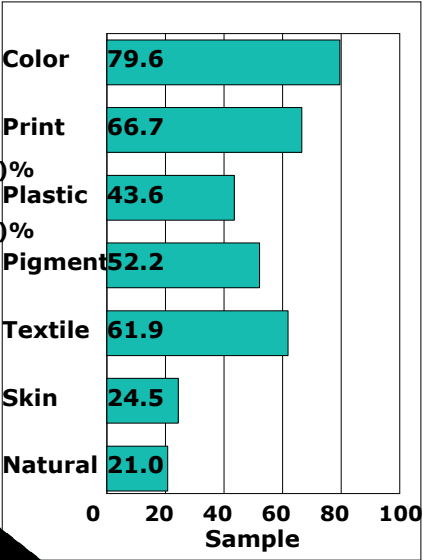
Electrical parameters:

Effic: 7.7 Lm/W	Energy: 8.4	Effi: G	
U: 221.0 V	I: 0.145 A	P: 17.140 W	Pf: 0.534

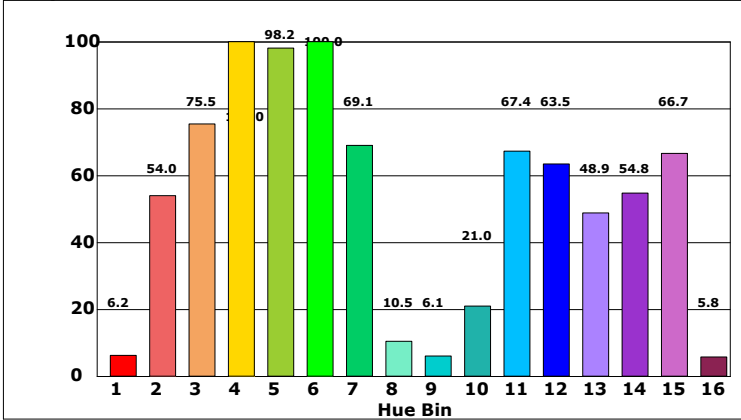
Rf: 17.2 CCT: 1000K u': 0.5368
Rg: 53.1 LER: 174.1 Duv: 0.066 v': 0.5190



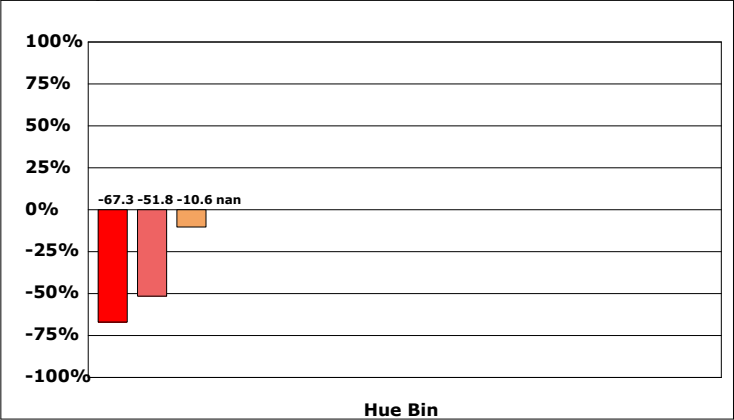
500			
Hue Bin	Rf	Chroma	Hue
1	6.2	-67.3%	24.6%
2	54.0	-51.8%	52.6%
3	75.5	-10.6%	65.4%
4	100.0	nan%	-nan(ind)%
5	98.2	2.9%	6.2%
6	100.0	nan%	-nan(ind)%
7	69.1	-13.4%	-6.9%
8	10.5	-50.0%	-15.8%
9		-52.9%	14.6%
10		-54.4%	37.5%
11		-40.4%	45.6%
12	63.5	-1.2%	-64.7%
13	48.9	-1.2%	-48.7%
14	54.8	-1.2%	-1.8%
15	66.7	-1.2%	-1.2%
16	5.8	-54.4%	



Rf by Bue



Chroma by Bue



ERROR: undefined
OFFENDING COMMAND: -214747841rp

STACK:

-2.14748e+010
3173