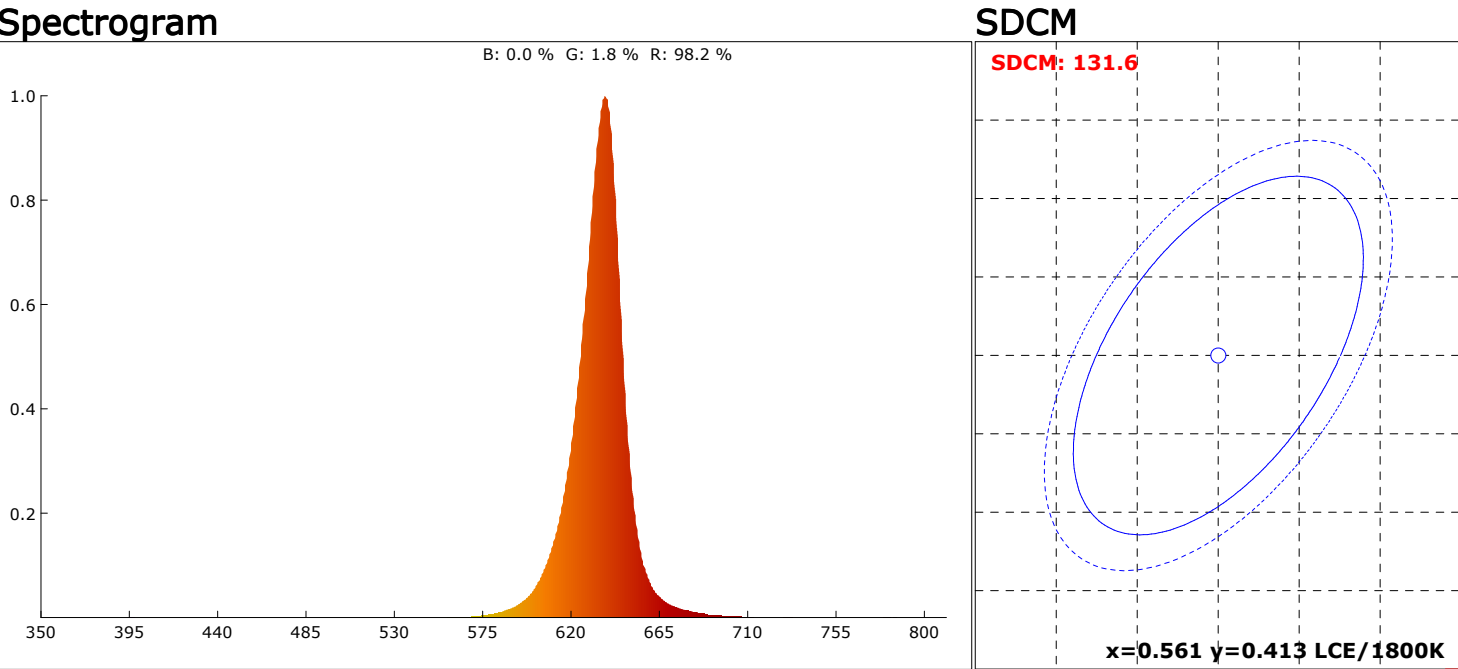




Color Parameter:

x: 0.6983	y: 0.3014	u: 0.5351	v: 0.3464	u': 0.5351	v': 0.5196
R_ratio: 98.2 %	G_ratio: 1.8 %	B_ratio: 0.0 %	RedRatio: 94.0 %	GreenRatio: 6.0 %	BlueRatio: 0.0 %

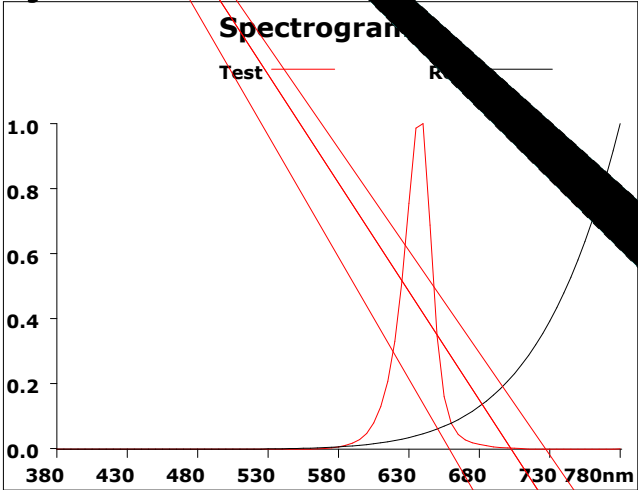
Ra: 24.8	AvgR: 21.6						
R1: 11.3	R2: 75.4	R3: 44.7	R4: -10.8	R5: 14.4	R6: 88.1	R7: 19.3	R8: -44.0
R9: -99.0	R10: 68.9	R11: -2.3	R12: 80.1	R13: 30.1	R14: 67.4	R15: -18.9	

CCT: 1000 K	Flux: 978.229 lm	PeakWave: 637.5 nm	SDCM: 131.6
S/P: 0.0	CentralWave: 636.1 nm	DominantWave: 623.8 nm	CentroidWave: 634.8 nm
HalfWidth: 21.6 nm	duv: 0.15581	purity: 99.9 %	CQS: -nan(ind)
LER(TM-30): 163.3	Ep: 5989.5 mw	Rg: 8.0	Rf: 19.7
Red Ep: 5867.7 mw	Near red Ep: 12.4 mw	Near infrared Ep: 2.5 mw	

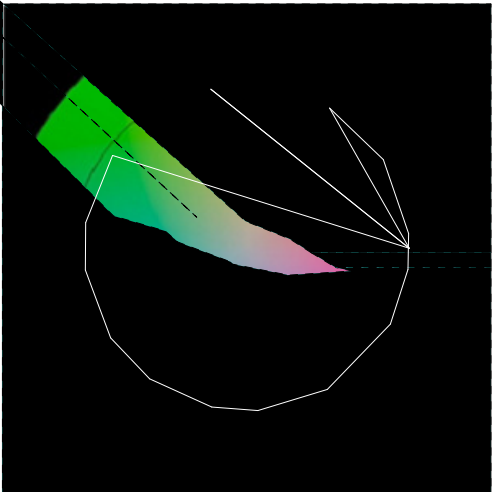
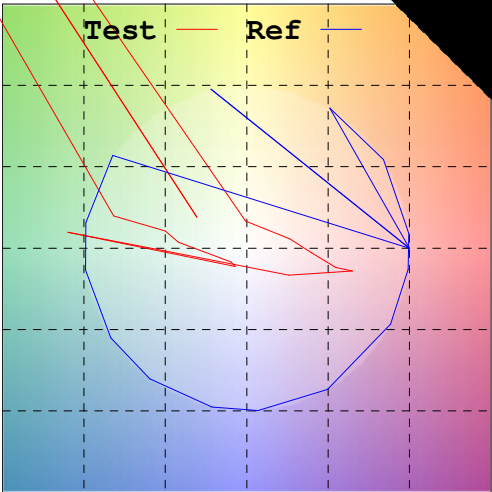
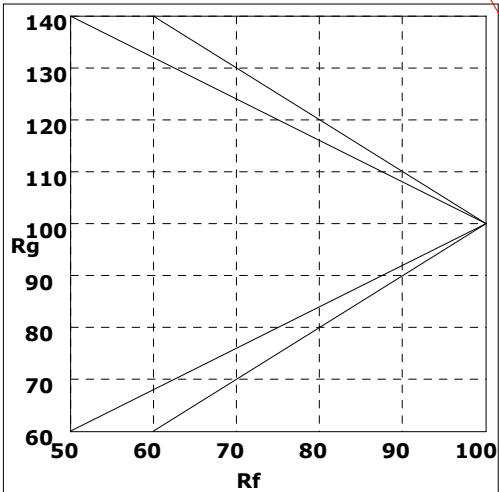
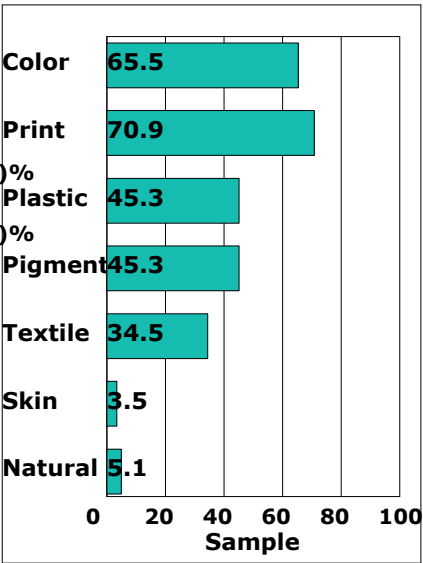
Electrical parameters:

Effic: 10.2 Lm/W	Energy: 11.1	Effi: G	
U: 220.9 V	I: 0.482 A	P: 96.350 W	Pf: 0.903

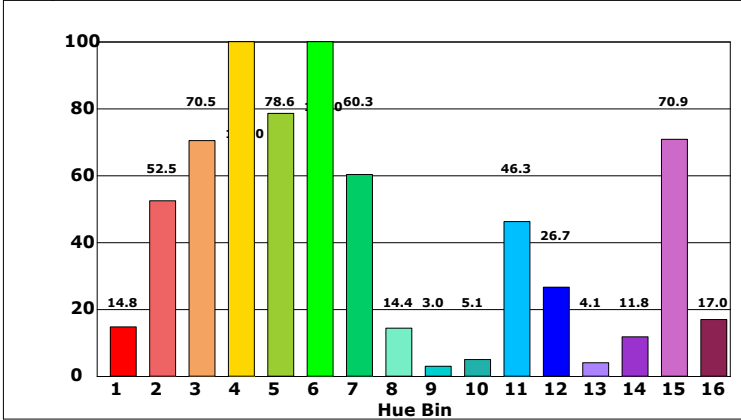
Rf: 19.7 CCT: 1000K u': 0.5351
Rg: 8.0 LER: 163.3 Du': 15581 v': 0.5196



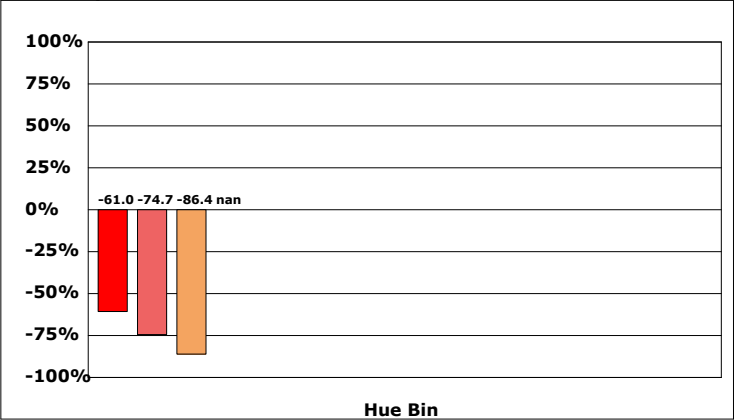
500			
Hue Bin	Rf	Chroma	Hue
1	14.8	-61.0%	-0.0%
2	52.5	-74.7%	-8.7%
3	70.5	-86.4%	4.5%
4	100.0	nan%	-nan(ind)%
5	78.6	-75.4%	23.7%
6	100.0	nan%	-nan(ind)%
7	60.3	-21.0%	30.5%
8	14.4	-48.7%	-4.3%
9	3.0	-59.3%	-5.7%
10	5.1	-87.3%	2.2%
11	16.3	-86.5%	5.2%
12	26.7	-88.1%	-107.6%
13	4.1	-110.1%	-43.7%
14	11.8	-71.6%	19.3%
15	70.9	-17.7%	14.2%
16	17.0	-7.6%	-7.6%



Rf by Bue



Chroma by Bue



ERROR: undefined
OFFENDING COMMAND: -214747841rp

STACK:

-2.14748e+010
3173