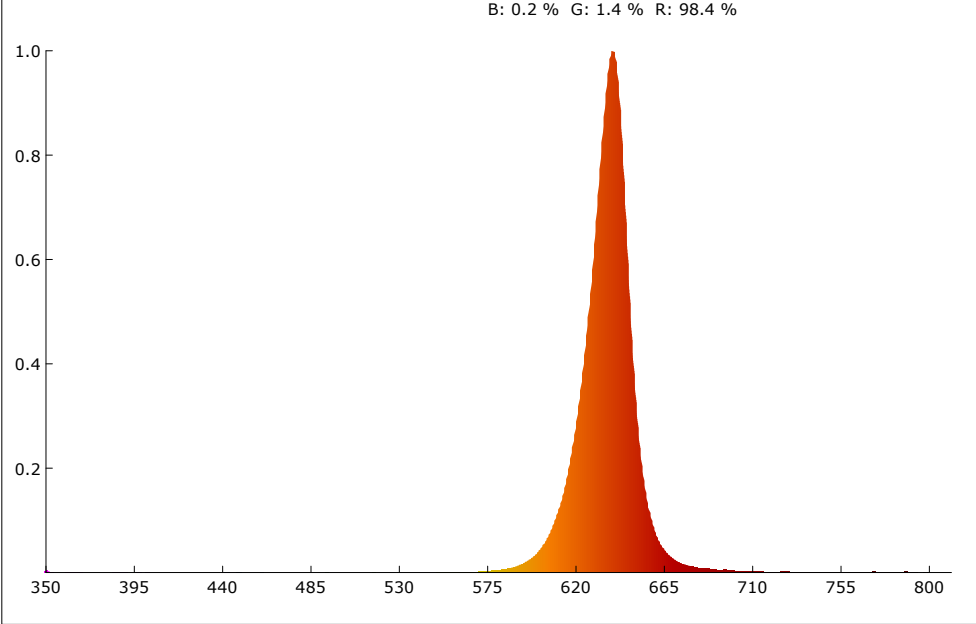
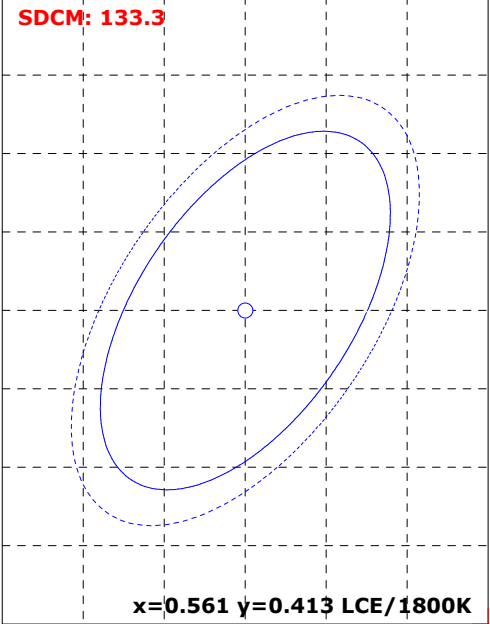


Spectrogram



SDCM



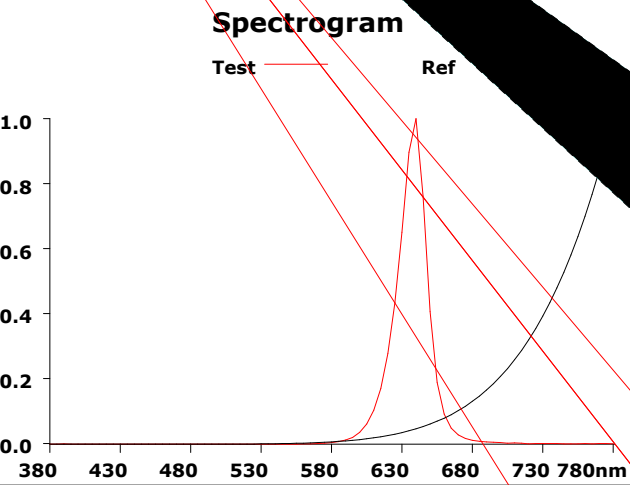
Color Parameter:

x: 0.6990	y: 0.2985	u: 0.5394	v: 0.3455	u': 0.5394	v': 0.5182
R_ratio: 98.4 %	G_ratio: 1.4 %	B_ratio: 0.2 %	RedRatio: 94.9 %	GreenRatio: 5.1 %	BlueRatio: 0.0 %
Ra: 27.6	AvgR: 24.3				
R1: 14.5	R2: 77.7	R3: 46.1	R4: -4.1	R5: 20.8	R6: 93.3
R7: 17.8	R8: -44.7				
R9: -99.0	R10: 72.9	R11: 7.9	R12: 76.5	R13: 34.1	R14: 68.4
R15: -17.8					
CCT: 1000 K	Flux: 473.872 lm	PeakWave: 639.5 nm	SDCM: 133.3		
S/P: 0.1	CentralWave: 637.5 nm	DominantWave: 625.7 nm	CentroidWave: 636.2 nm		
HalfWidth: 21.0 nm	duv: -0.00095	purity: 99.3 %	CQS: -nan(ind)		
LER(TM-30): 152.8	Ep: 3101.4 mw	Rg: 87.0	Rf: 24.1		
Red Ep: 3023.2 mw	Near red Ep: 21.3 mw	Near infrared Ep: 3.8 mw			

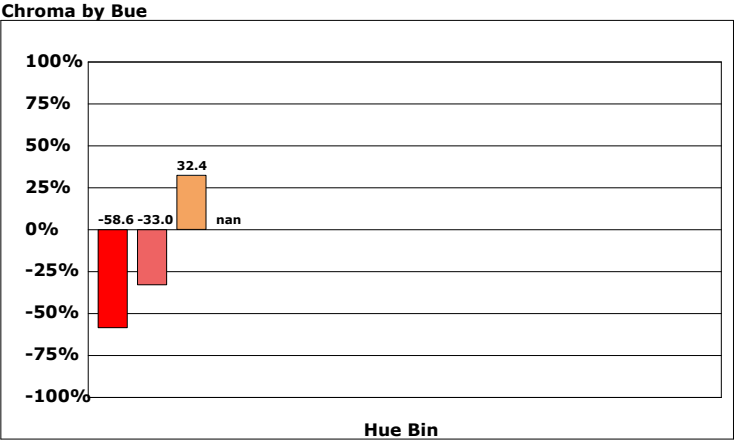
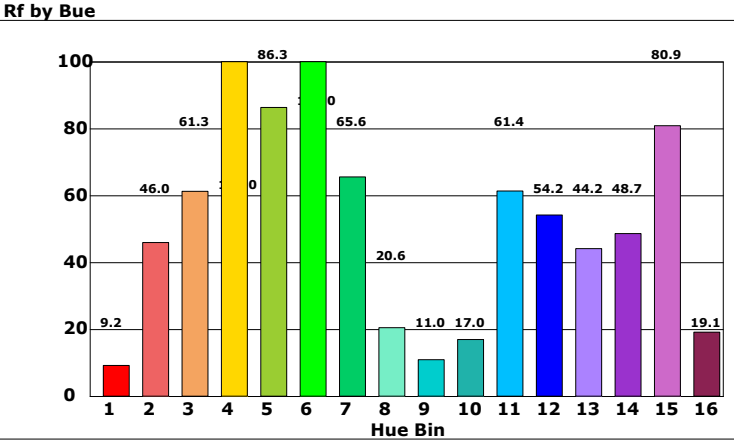
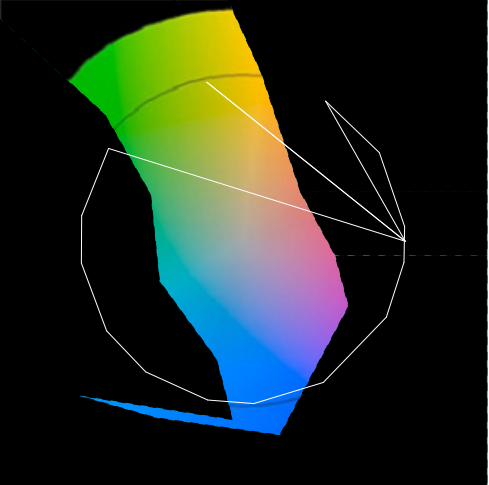
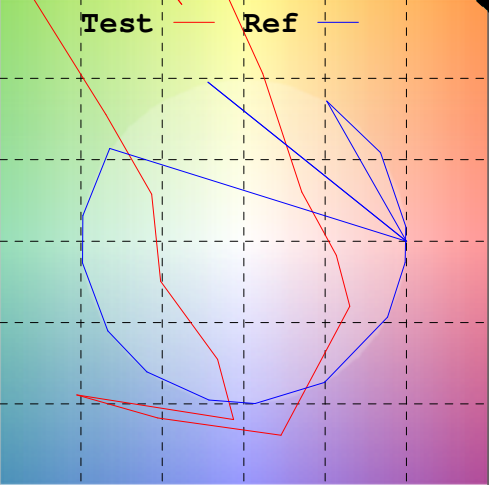
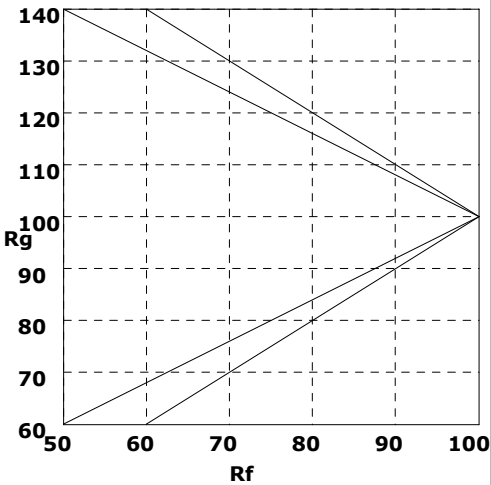
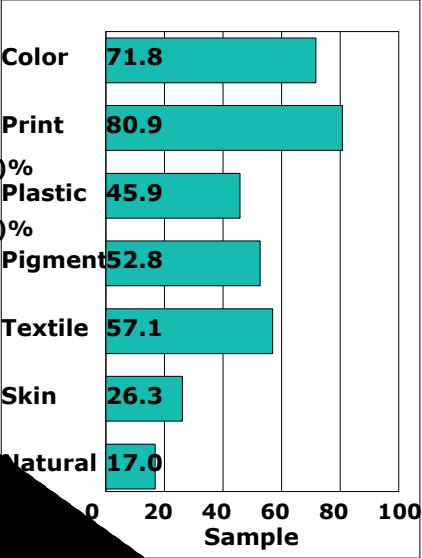
Electrical parameters:

Effic: 7.8 Lm/W	Energy: 8.5	Effi: G	
U: 220.3 V	I: 0.453 A	P: 60.770 W	Pf: 0.608

Rf: 24.1 CCT: 1000K u': 0.5394
Rg: 87.0 LER: 152.8 Duv: -0.0045 v': 0.5182



500			
Hue Bin	Rf	Chroma	Hue
1	9.2	-58.6%	33.2%
2	46.0	-33.0%	80.4%
3	61.3	32.4%	106.7%
4	100.0	nan%	-nan(ind)%
5	86.3	50.1%	6.5%
6	100.0	nan%	-nan(ind)%
7	65.6	13.5%	-16.0%
8	20.6	-38.9%	-21.1%
9	11.0	15.0%	20.3%
10	17.0	10.0%	51.9%
11	61.4	54.2%	60.5%
12	54.2	44.2%	48.7%
13	44.2	48.7%	80.9%
14	48.7	80.9%	19.1%
15	80.9	-24.2%	19.1%
16	19.1	-42.2%	19.1%



ERROR: undefined
OFFENDING COMMAND: -214747841rp

STACK:

-2.14748e+010
3173