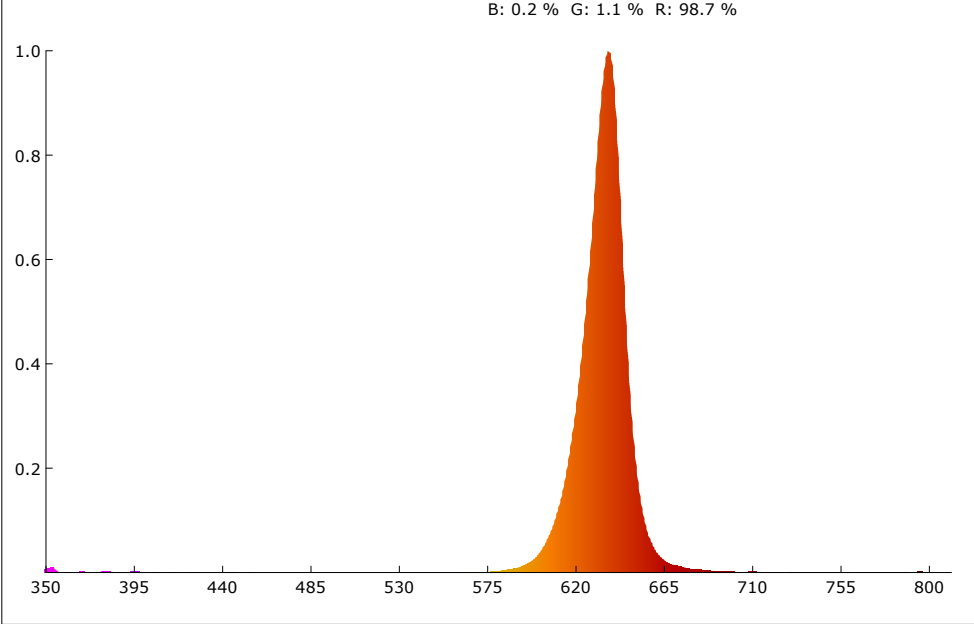
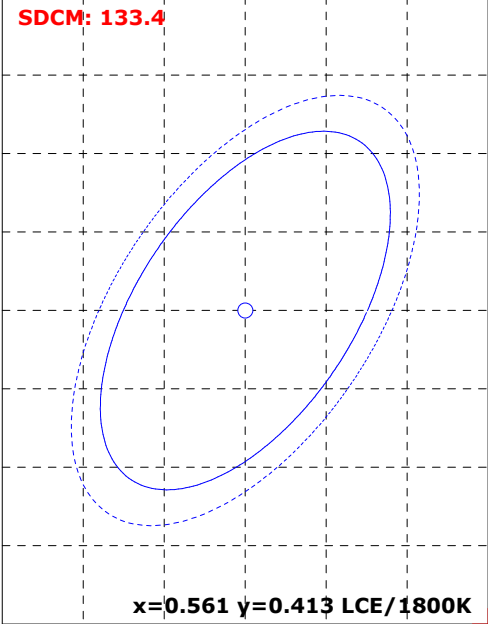


Spectrogram



SDCM



Color Parameter:

x: 0.6990 y: 0.2982 u: 0.5397 v: 0.3454 u': 0.5397 v': 0.5181
R_ratio: 98.7 % G_ratio: 1.1 % B_ratio: 0.2 % RedRatio: 96.1 % GreenRatio: 3.9 % BlueRatio: 0.0 %

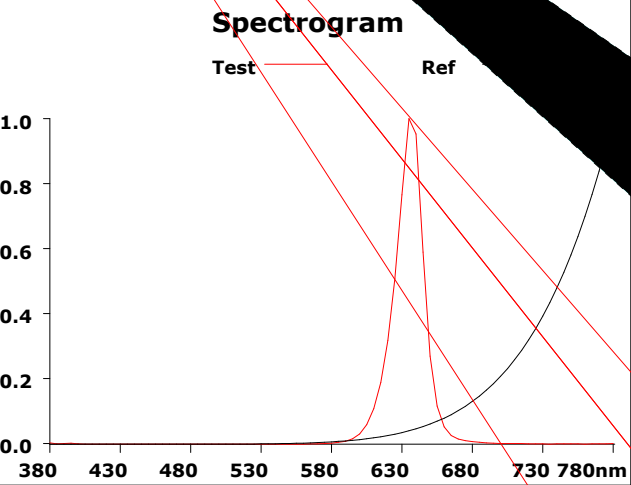
Ra: 21.4 AvgR: 19.5
R1: 9.9 R2: 77.7 R3: 39.3 R4: -12.8 R5: 13.9 R6: 93.9 R7: 9.6 R8: -59.7
R9: -99.0 R10: 72.6 R11: 1.4 R12: 76.7 R13: 31.7 R14: 64.4 R15: -27.6

CCT: 1000 K Flux: 527.626 lm PeakWave: 637.5 nm SDCM: 133.4
S/P: 0.1 CentralWave: 635.3 nm DominantWave: 625.9 nm CentroidWave: 633.0 nm
HalfWidth: 20.2 nm duv: 0.02084 purity: 99.2 % CQS: -nan(ind)
LER(TM-30): 162.0 Ep: 3257.2 mw Rg: 76.5 Rf: 13.7
Red Ep: 3175.4 mw Near red Ep: 16.3 mw Near infrared Ep: 4.5 mw

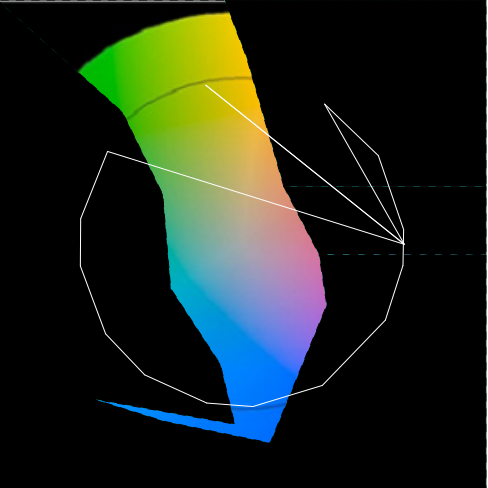
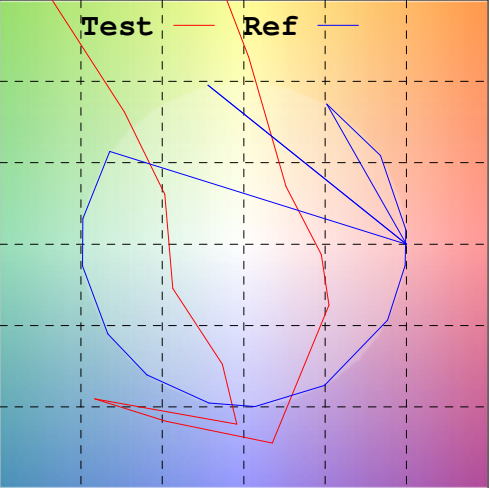
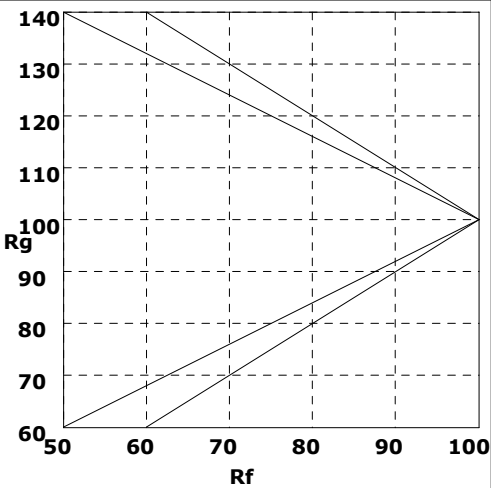
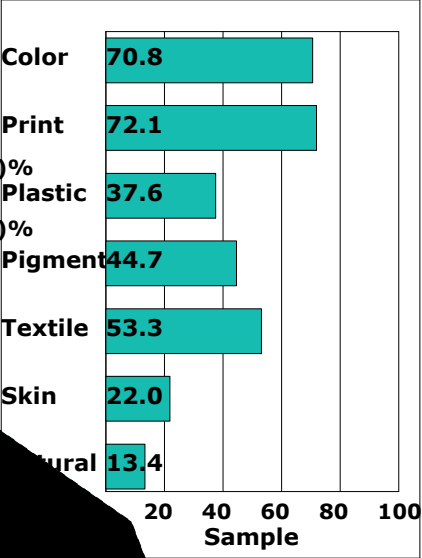
Electrical parameters:

Effic: 8.9 Lm/W Energy: 9.7 Effi: G
U: 219.7 V I: 0.445 A P: 59.220 W Pf: 0.605

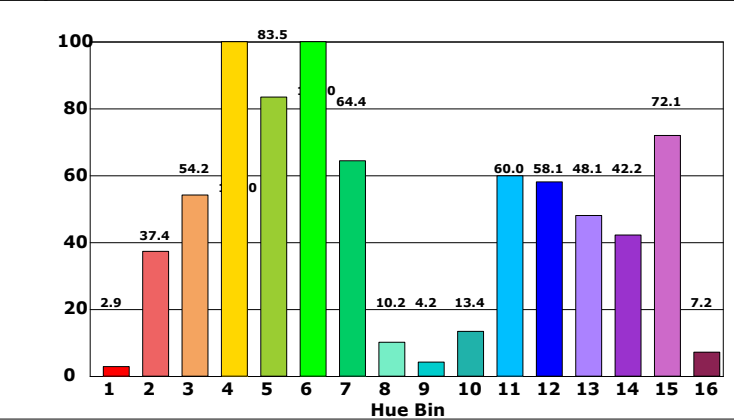
Rf: 13.7 CCT: 1000K u': 0.5397
Rg: 76.5 LER: 162.0 Duv: 0.0000 0.5181



500			
Hue Bin	Rf	Chroma	Hue
1	2.9	-67.1%	40.1%
2	37.4	-33.7%	95.4%
3	54.2	46.0%	124.9%
4	100.0	nan%	-nan(ind)%
5	83.5	60.8%	4.6%
6	100.0	nan%	-nan(ind)%
7	64.4	5.9%	-25.1%
8	10.2	46.5%	-24.4%
9	4.2	10.8%	24.4%
10			54.6%
11			66.6%
12	58.1		
13	48.1		
14	42.2		
15	72.1	-35.5%	
16	7.2	-51.7%	



Rf by Bue



Chroma by Bue



ERROR: undefined
OFFENDING COMMAND: -214747841rp

STACK:

-2.14748e+010
3173