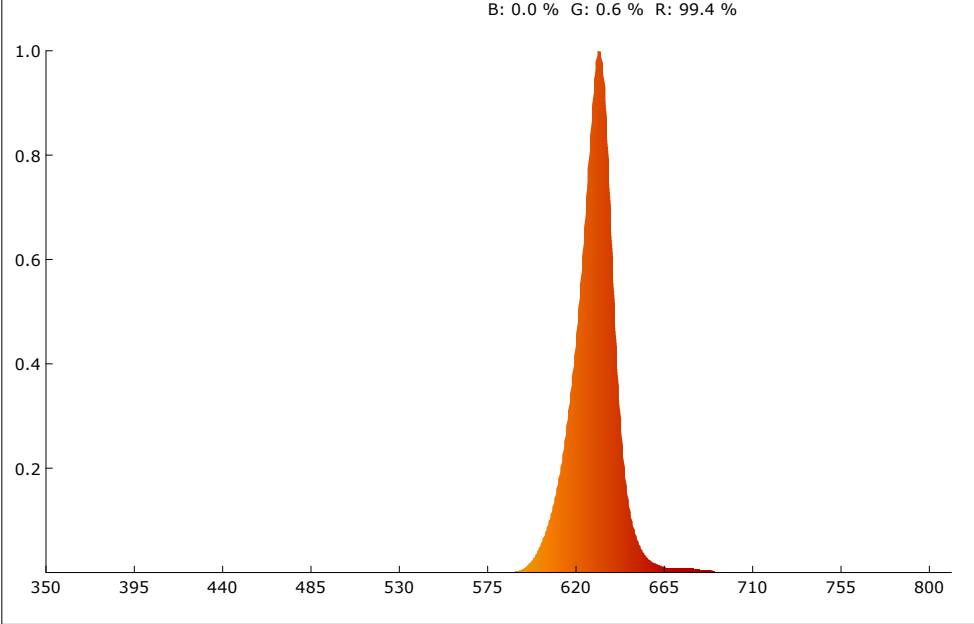
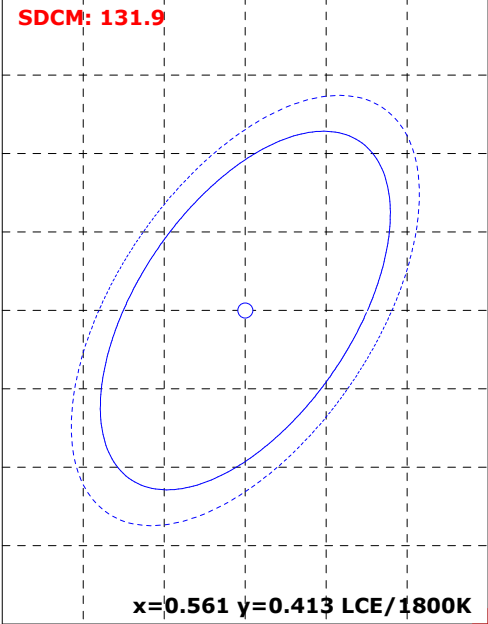


Spectrogram



SDCM



Color Parameter:

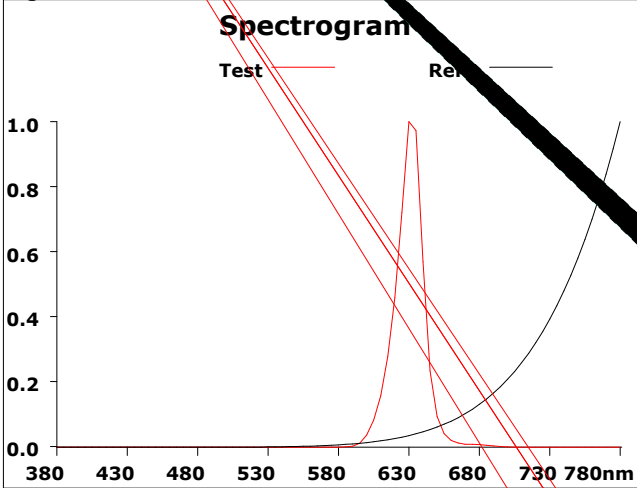
x: 0.6986	y: 0.3013	u: 0.5355	v: 0.3464	u': 0.5355	v': 0.5196		
R_ratio: 99.4 %	G_ratio: 0.6 %	B_ratio: 0.0 %	RedRatio: 98.2 %	GreenRatio: 1.8 %	BlueRatio: 0.0 %		
Ra: 7.1 AvgR: 7.6							
R1: -2.4	R2: 74.8	R3: 26.5	R4: -35.5	R5: -5.6	R6: 89.1	R7: -3.8	R8: -85.9
R9: -99.0	R10: 67.3	R11: -21.7	R12: 79.0	R13: 22.9	R14: 56.5	R15: -48.1	

CCT: 1000 K	Flux: 396.062 lm	PeakWave: 632.5 nm	SDCM: 131.9
S/P: 0.0	CentralWave: 630.9 nm	DominantWave: 623.8 nm	CentroidWave: 630.1 nm
HalfWidth: 18.3 nm	duv: -0.00768	purity: 100.0 %	CQS: -nan(ind)
LER(TM-30): 189.4	Ep: 2091.5 mw	Rg: 0.5	Rf: 2.7
Red Ep: 2078.5 mw	Near red Ep: 0.5 mw	Near infrared Ep: 0.0 mw	

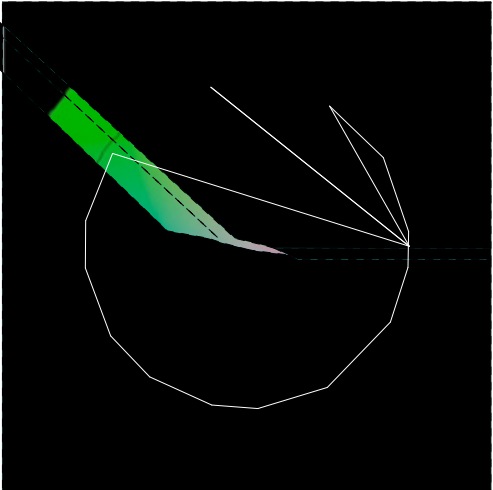
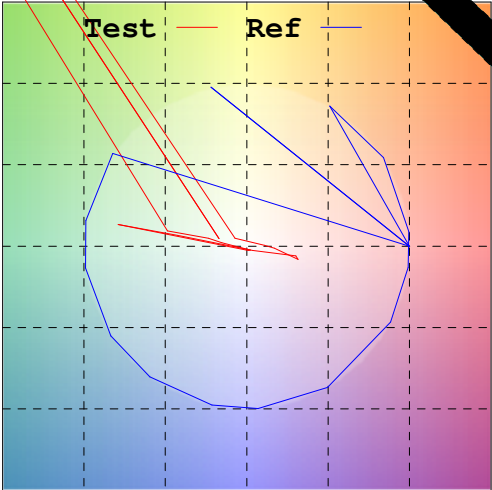
Electrical parameters:

Effic: 6.4 lm/W	Energy: 7.0	Effi: G	
U: 219.3 V	I: 0.457 A	P: 61.840 W	Pf: 0.616

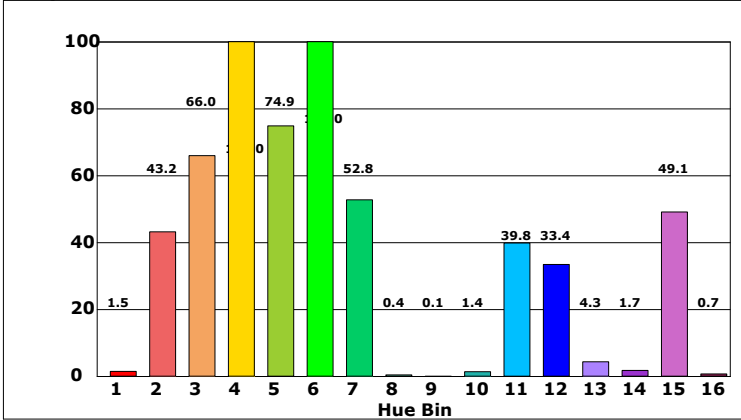
Rf: 2.7 CCT: 1000K u': 0.5355
Rg: 0.5 LER: 189.4 Duv: 0.00768 v': 0.5196



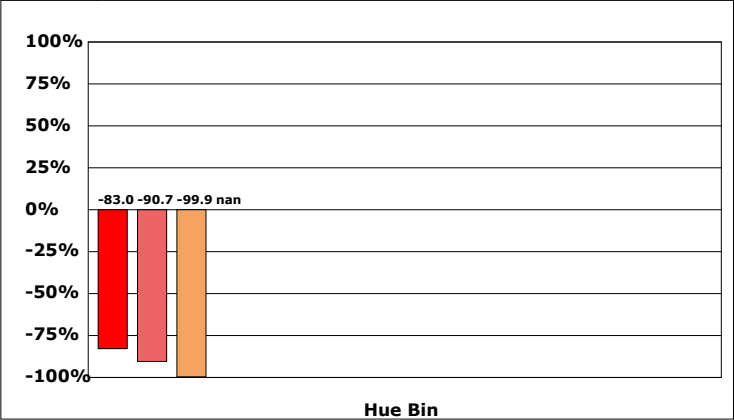
500			
Hue Bin	Rf	Chroma	Hue
1	1.5	-83.0%	5.9%
2	43.2	-90.7%	-4.2%
3	66.0	-99.9%	3.1%
4	100.0	nan%	-nan(ind)%
5	74.9	-92.0%	13.3%
6	100.0	nan%	-nan(ind)%
7	52.8	-54.4%	21.0%
8	0.4	-75.9%	-4.0%
9	0.1	-85.2%	1.1%
10	1.4	-100.5%	3.8%
11	39.8	-98.1%	7.1%
12	33.4	-97.5%	-77.9%
13	4.3	-113.9%	-27.7%
14	1.7	-95.6%	8.6%
15	49.1	-71.1%	1.6%
16	0.7	-100.1%	-8.4%



Rf by Bue



Chroma by Bue



ERROR: undefined
OFFENDING COMMAND: -214747841rp

STACK:

-2.14748e+010
3173