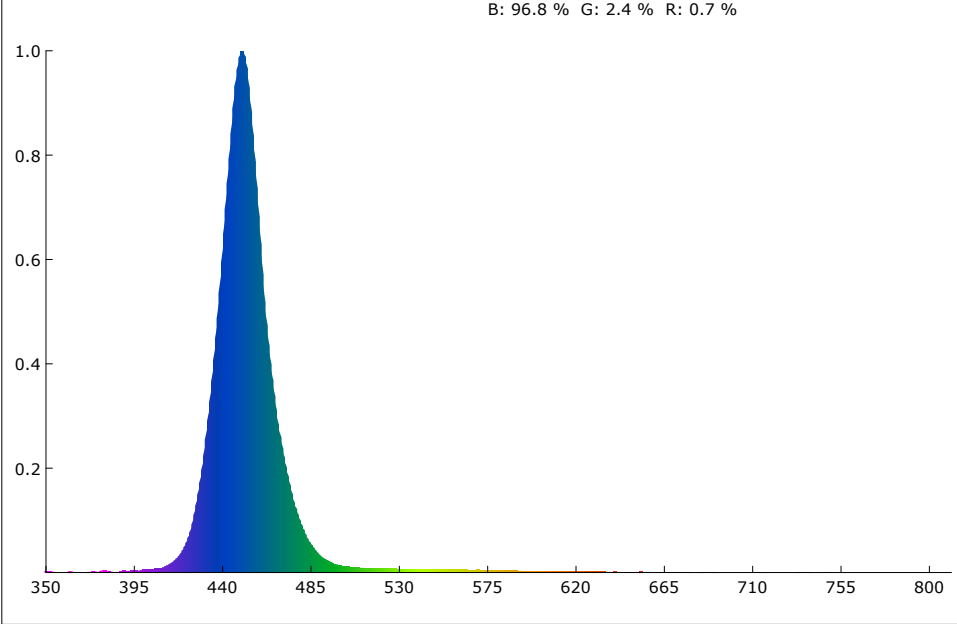
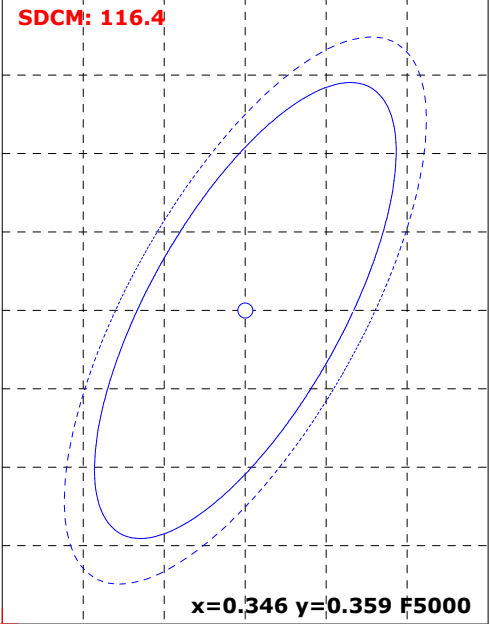


Spectrogram



SDCM



Color Parameter:

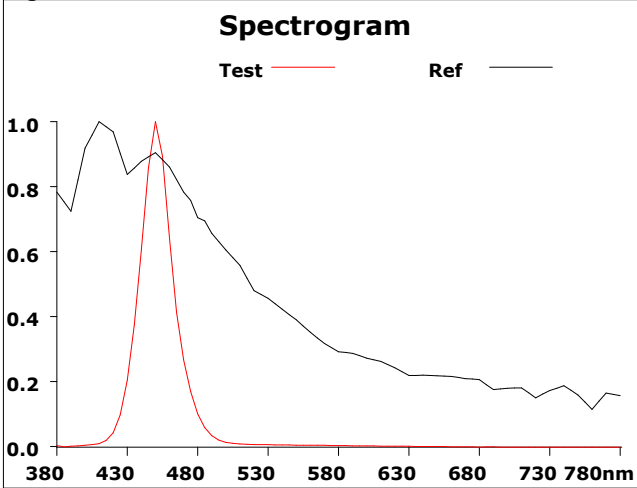
x: 0.1563	y: 0.0352	u: 0.2010	v: 0.0679	u': 0.2010	v': 0.1019		
R_ratio: 0.7 %	G_ratio: 2.4 %	B_ratio: 96.8 %	RedRatio: 3.0 %	GreenRatio: 30.4 %	BlueRatio: 66.7 %		
Ra: -43.2 AvgR: -42.8							
R1: 31.6	R2: -27.2	R3: -99.0	R4: -96.6	R5: 35.7	R6: -29.0	R7: -55.4	R8: -43.4
R9: -99.0	R10: -99.0	R11: -99.0	R12: -86.8	R13: 17.6	R14: -34.3	R15: 41.2	

CCT: 99999 K	Flux: 368.470 lm	PeakWave: 450.6 nm	SDCM: 116.4
S/P: 17.2	CentralWave: 450.4 nm	DominantWave: 456.0 nm	CentroidWave: 455.0 nm
HalfWidth: 24.5 nm	duv: 0.06268	purity: 96.4 %	CQS: 0.3
LER(TM-30): 45.8	Ep: 8044.6 mw	Rg: nan	Rf: -nan(ind)
Red Ep: 59.9 mw	Near red Ep: 6.8 mw	Near infrared Ep: 0.6 mw	

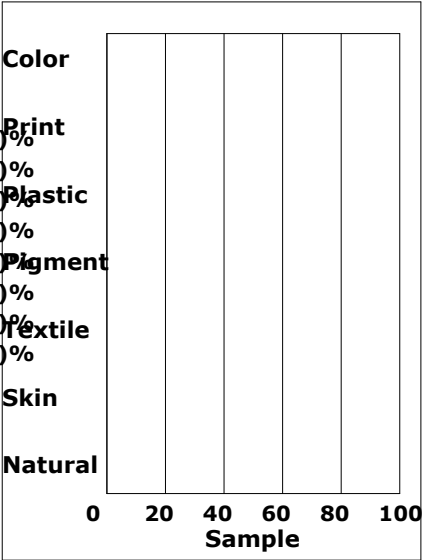
Electrical parameters:

Effic: 3.8 lm/W	Energy: 4.1	Effi: G	
U: 220.8 V	I: 0.487 A	P: 97.420 W	Pf: 0.904

Rf: -nan(ind) CCT: 99999K u': 0.2010
Rg: nan LER: 45.8 Duv: 0.06268 v': 0.1019



500			
Hue Bin	Rf	Chroma	Hue
1	0.0	-167.9%	65.5%
2	4.3	20.2%	-18.2%
3	-nan(ind)	nan%	-nan(ind)%
4	-nan(ind)	nan%	-nan(ind)%
5	-nan(ind)	nan%	-nan(ind)%
6	-nan(ind)	nan%	-nan(ind)%
7	-nan(ind)	nan%	-nan(ind)%
8	-nan(ind)	nan%	-nan(ind)%
9	-nan(ind)	nan%	-nan(ind)%
10	-nan(ind)	nan%	-nan(ind)%
11	0.0	32.8%	-242.4%
12	0.0	-59.9%	-377.5%
13	0.0	-213.1%	-341.3%
14	0.0	-326.8%	-261.8%
15	0.0	-449.6%	-173.9%
16	0.0	-363.1%	4.2%



ERROR: rangecheck
OFFENDING COMMAND: roll

STACK:

2
4
-2.14748e+011
-2.14748e+012