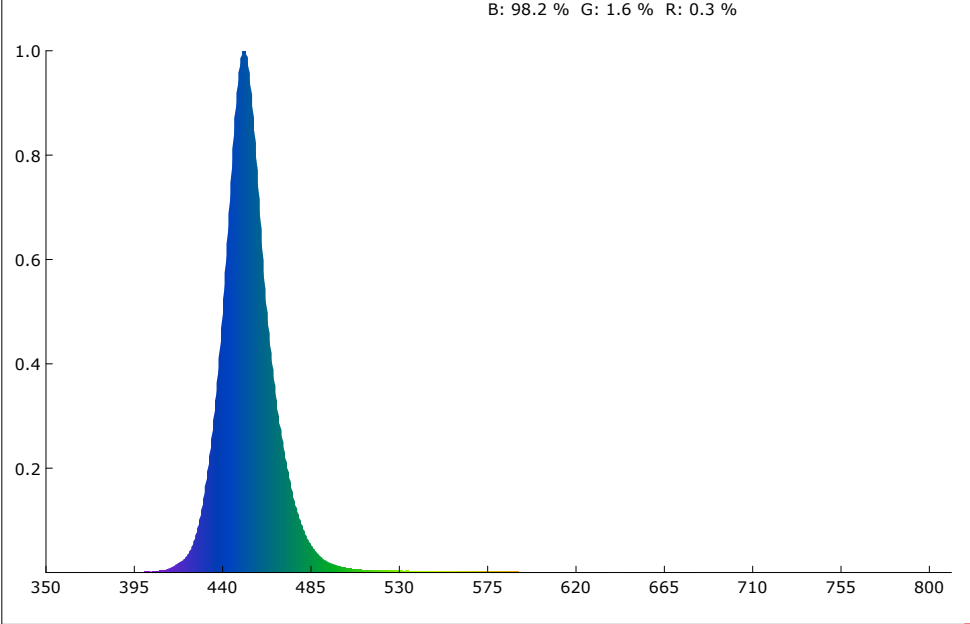
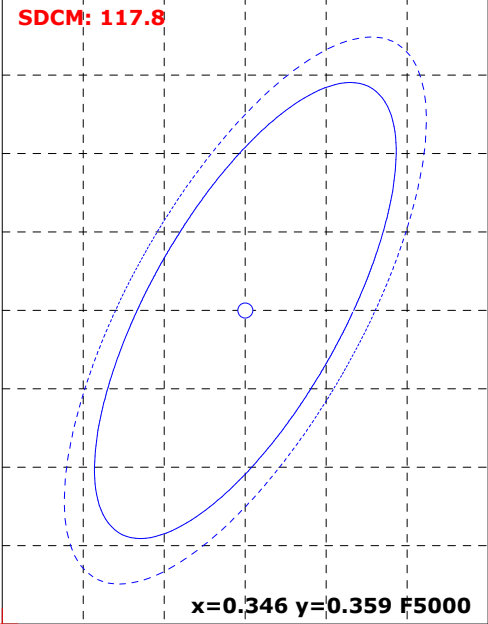


Spectrogram



SDCM



Color Parameter:

x: 0.1529 y: 0.0323 u: 0.1985 v: 0.0629 u': 0.1985 v': 0.0943
R_ratio: 0.3 % G_ratio: 1.6 % B_ratio: 98.2 % RedRatio: 1.4 % GreenRatio: 21.1 % BlueRatio: 77.5 %

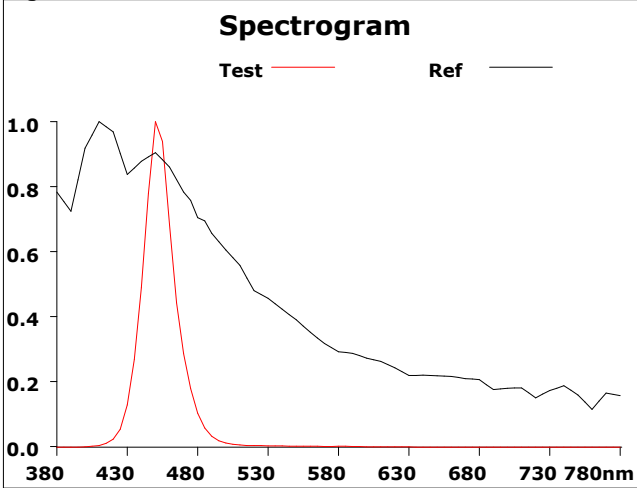
Ra: -51.6 AvgR: -51.5
R1: 7.5 R2: -35.6 R3: -99.0 R4: -98.6 R5: 19.1 R6: -43.3 R7: -57.8 R8: -46.7
R9: -99.0 R10: -99.0 R11: -99.0 R12: -99.0 R13: -6.9 R14: -34.6 R15: 19.5

CCT: 99999 K Flux: 315.481 lm PeakWave: 451.6 nm SDCM: 117.8
S/P: 19.4 CentralWave: 451.8 nm DominantWave: 456.8 nm CentroidWave: 455.0 nm
HalfWidth: 22.4 nm duv: 0.15835 purity: 97.6 % CQS: 0.3
LER(TM-30): 42.7 Ep: 7384.5 mw Rg: nan Rf: -nan(ind)
Red Ep: 20.3 mw Near red Ep: 0.3 mw Near infrared Ep: 0.0 mw

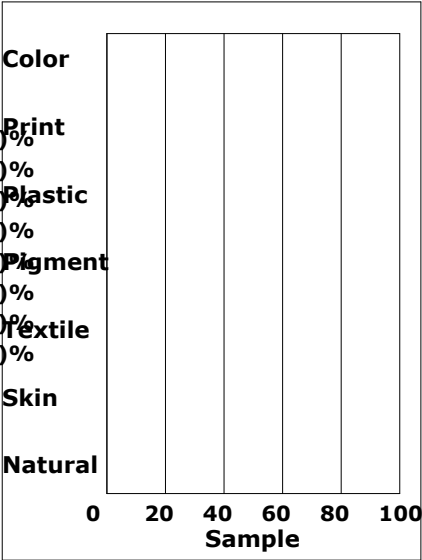
Electrical parameters:

Effic: 5.0 Lm/W Energy: 5.5 Effi: G
U: 220.8 V I: 0.465 A P: 62.550 W Pf: 0.608

Rf: -nan(ind) CCT: 99999K u': 0.1985
Rg: nan LER: 42.7 Duv: 0.15835 v': 0.0943



500			
Hue Bin	Rf	Chroma	Hue
1	0.0	-172.8%	62.6%
2	1.0	-1.0%	16.5%
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	56.1%	-239.2%
12	0.0	-32.7%	-372.3%
13	0.0	-193.7%	-353.3%
14	0.0	-313.0%	-279.7%
15	0.0	-434.9%	-197.6%
16	0.0	-364.4%	-7.3%



ERROR: rangecheck
OFFENDING COMMAND: roll

STACK:

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