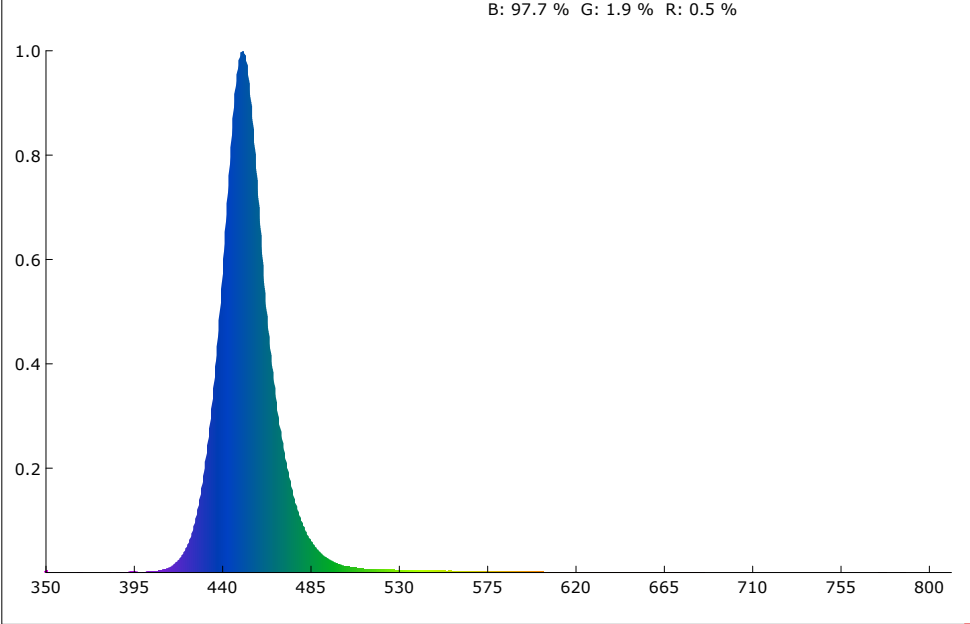
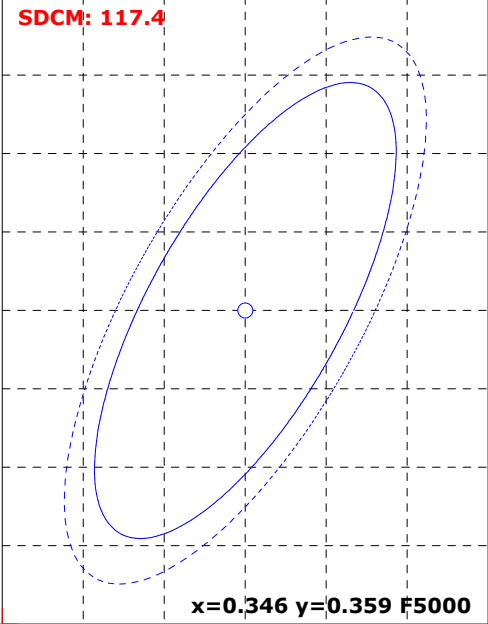


Spectrogram



SDCM



Color Parameter:

x: 0.1539 y: 0.0333 u: 0.1991 v: 0.0646 u': 0.1991 v': 0.0969
R_ratio: 0.5 % G_ratio: 1.9 % B_ratio: 97.7 % RedRatio: 1.9 % GreenRatio: 24.8 % BlueRatio: 73.3 %

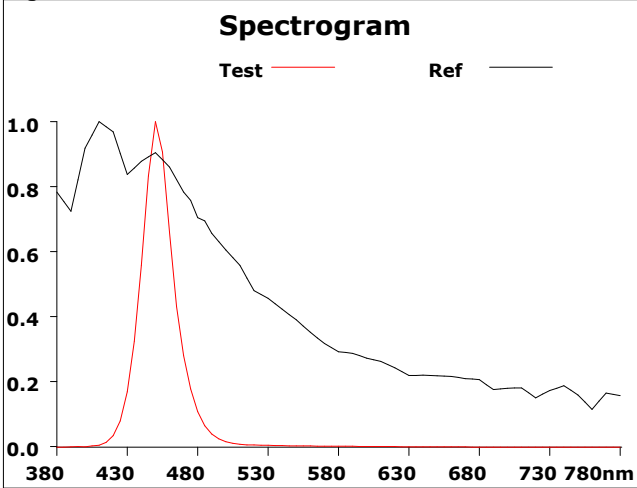
Ra: -48.1 AvgR: -48.4
R1: 14.8 R2: -30.6 R3: -99.0 R4: -97.9 R5: 21.6 R6: -38.3 R7: -54.7 R8: -43.7
R9: -99.0 R10: -99.0 R11: -99.0 R12: -98.2 R13: 1.6 R14: -33.3 R15: 28.2

CCT: 99999 K Flux: 243.630 lm PeakWave: 450.6 nm SDCM: 117.4
S/P: 18.6 CentralWave: 451.0 nm DominantWave: 456.6 nm CentroidWave: 455.1 nm
HalfWidth: 23.4 nm duv: 0.16046 purity: 97.2 % CQS: 0.3
LER(TM-30): 43.7 Ep: 5580.2 mw Rg: nan Rf: -nan(ind)
Red Ep: 25.5 mw Near red Ep: 3.5 mw Near infrared Ep: 1.3 mw

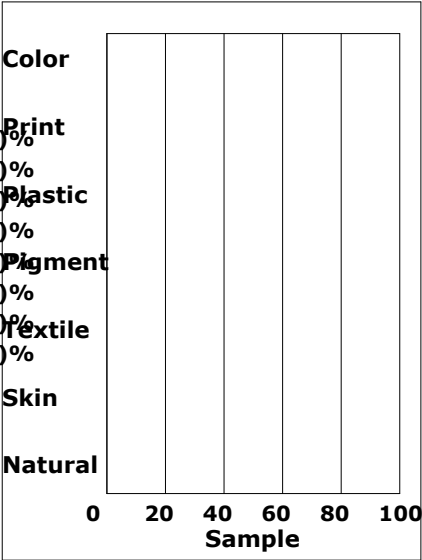
Electrical parameters:

Effic: 3.4 Lm/W Energy: 3.7 Effi: G
U: 221.9 V I: 0.522 A P: 72.190 W Pf: 0.622

Rf: -nan(ind) CCT: 99999K u': 0.1991
Rg: nan LER: 43.7 Duv: 0.16046 v': 0.0969



500			
Hue Bin	Rf	Chroma	Hue
1	0.0	-178.3%	67.4%
2	0.1	-13.3%	23.7%
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	40.6%	-240.7%
12	0.0	-50.5%	-374.1%
13	0.0	-208.9%	-349.0%
14	0.0	-324.9%	-269.9%
15	0.0	-448.2%	-183.6%
16	0.0	-372.5%	0.0%



ERROR: rangecheck
OFFENDING COMMAND: roll

STACK:

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