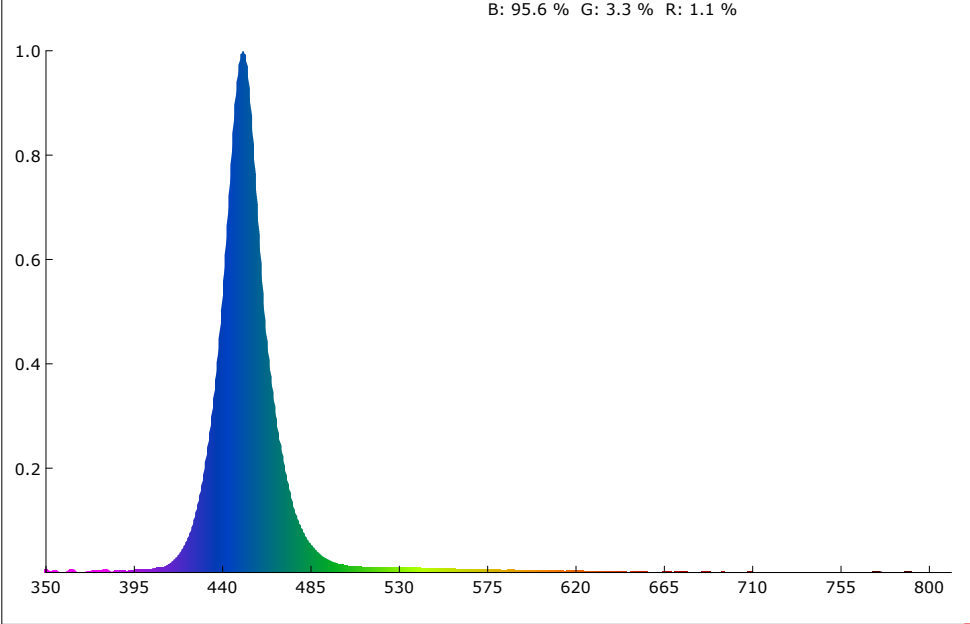
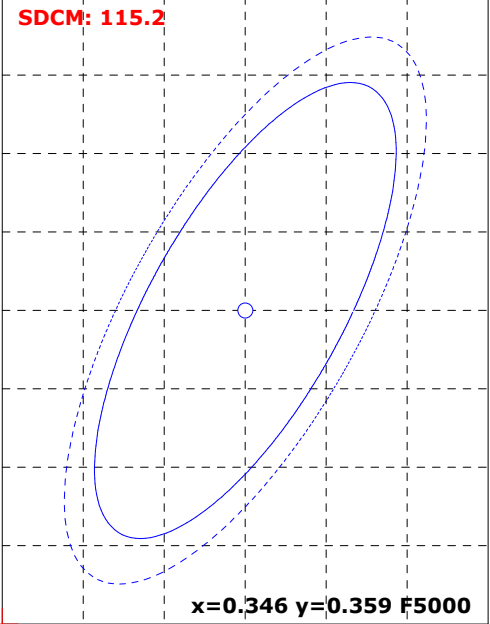


Spectrogram



SDCM



Color Parameter:

x: 0.1576 y: 0.0393 u: 0.1997 v: 0.0747 u': 0.1997 v': 0.1120
R_ratio: 1.1 % G_ratio: 3.3 % B_ratio: 95.6 % RedRatio: 3.7 % GreenRatio: 36.6 % BlueRatio: 59.8 %

Ra: -37.5 AvgR: -37.9
R1: 42.7 R2: -23.0 R3: -99.0 R4: -91.2 R5: 44.7 R6: -22.1 R7: -52.9 R8: -40.7
R9: -99.0 R10: -99.0 R11: -99.0 R12: -75.0 R13: 27.4 R14: -31.5 R15: 49.7

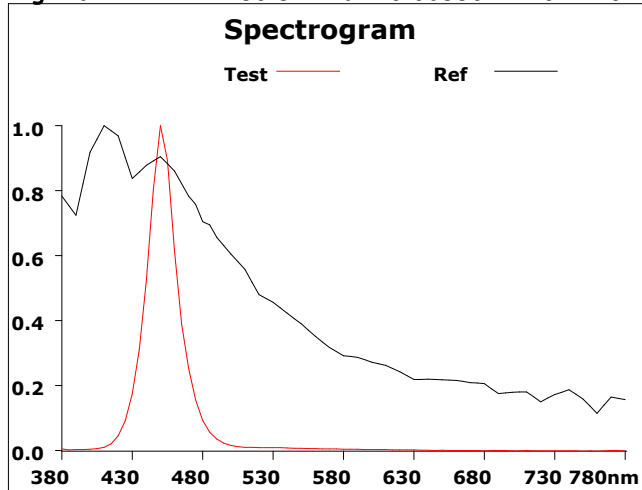
CCT: 99999 K Flux: 82.083 lm PeakWave: 450.6 nm SDCM: 115.2
S/P: 15.6 CentralWave: 450.8 nm DominantWave: 456.6 nm CentroidWave: 458.0 nm
HalfWidth: 21.6 nm duv: 0.06550 purity: 95.3 % CQS: 0.3
LER(TM-30): 50.5 Ep: 1626.9 mw Rg: nan Rf: -nan(ind)
Red Ep: 18.4 mw Near red Ep: 7.0 mw Near infrared Ep: 2.3 mw

Electrical parameters:

Effic: 4.1 Lm/W Energy: 4.4 Effi: G
U: 221.1 V I: 0.168 A P: 20.260 W Pf: 0.542

Product model: Manufacturer: Guangzhou Hotion Technology Co.,
Product number: Test unit:
Tester: Date of observation: 03/31/13
Remarks:

Rg: nan LER: 50.5 Duv: 0.06550 v': 0.1120



Hue Bin	Rf	Chroma	Hue
1	-nan(ind)	-nan%	-nan(ind)%
2	0.2	-14.5%	20.6%
3	0.0	-147.3%	305.1%
4	0.0	-24.2%	307.0%
5	0.0	93.0%	294.6%
6	0.0	212.1%	227.7%
7	0.0	230.4%	91.4%
8	0.0	276.0%	-23.8%
9	0.0	162.1%	-107.6%
10	-nan(ind)	-nan%	-nan(ind)%
11	-nan(ind)	-nan%	-nan(ind)%
12	-nan(ind)	-nan%	-nan(ind)%
13	-nan(ind)	-nan%	-nan(ind)%
14	-nan(ind)	-nan%	-nan(ind)%
15	-nan(ind)	-nan%	-nan(ind)%
16	-nan(ind)	-nan%	-nan(ind)%

ERROR: rangecheck
OFFENDING COMMAND: roll

STACK:

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