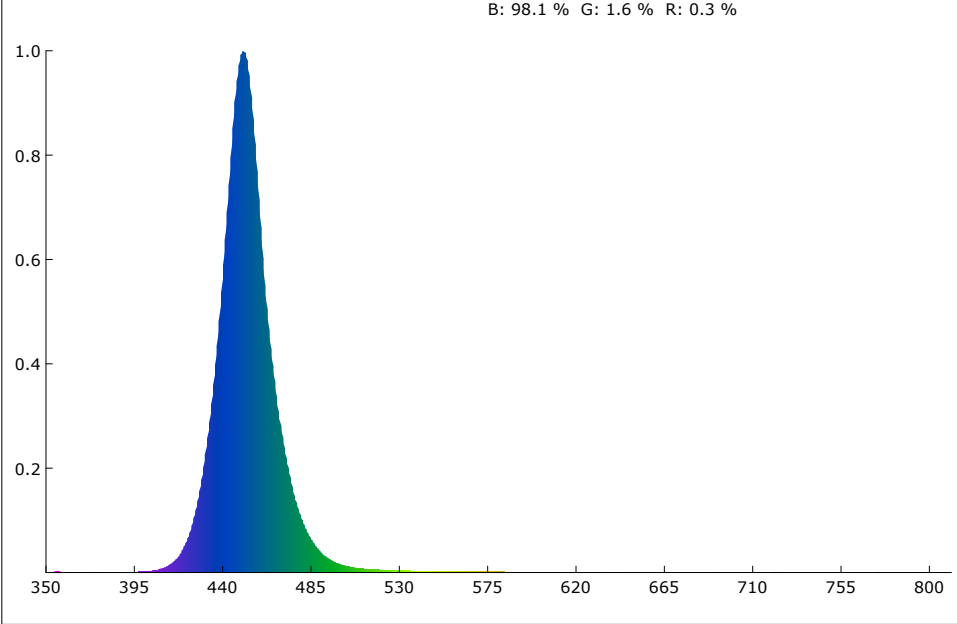
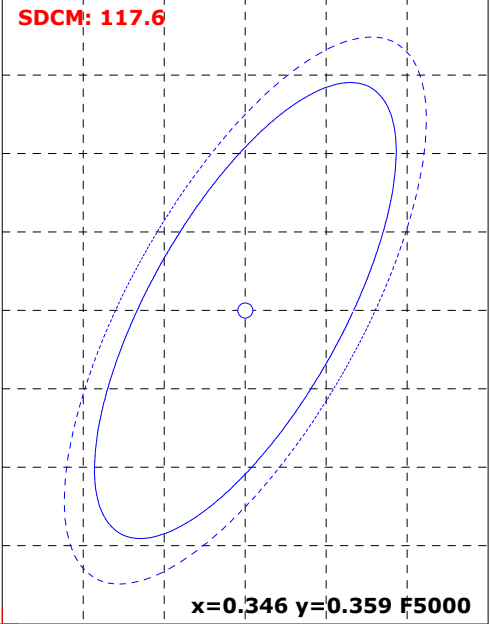


Spectrogram



SDCM



Color Parameter:

x: 0.1536	y: 0.0328	u: 0.1991	v: 0.0638	u': 0.1991	v': 0.0957		
R_ratio: 0.3 %	G_ratio: 1.6 %	B_ratio: 98.1 %	RedRatio: 1.3 %	GreenRatio: 22.2 %	BlueRatio: 76.5 %		
Ra: -50.3 AvgR: -52.8							
R1: -8.0	R2: -34.6	R3: -99.0	R4: -86.5	R5: 30.8	R6: -40.3	R7: -60.8	R8: -55.6
R9: -99.0	R10: -99.0	R11: -99.0	R12: -99.0	R13: -19.9	R14: -30.1	R15: 8.5	

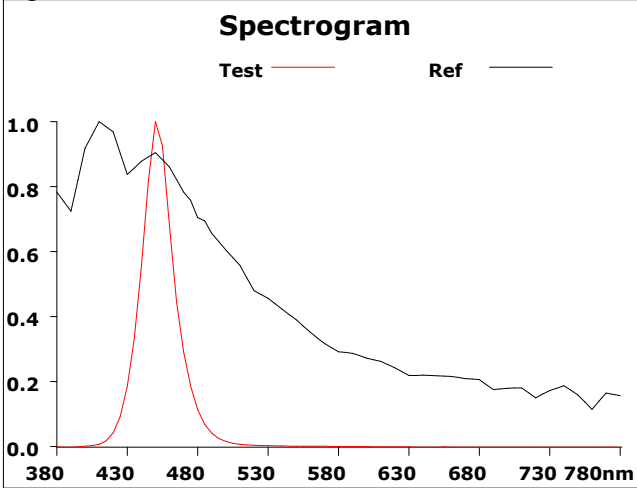
CCT: 99999 K	Flux: 313.099 lm	PeakWave: 450.6 nm	SDCM: 117.6
S/P: 19.3	CentralWave: 451.2 nm	DominantWave: 456.6 nm	CentroidWave: 454.5 nm
HalfWidth: 23.9 nm	duv: 0.15746	purity: 97.4 %	CQS: 0.3
LER(TM-30): 42.6	Ep: 7353.1 mw	Rg: nan	Rf: -nan(ind)
Red Ep: 20.5 mw	Near red Ep: 5.4 mw	Near infrared Ep: 2.3 mw	

Electrical parameters:

Effic: 4.0 Lm/W	Energy: 4.3	Effi: G	
U: 219.8 V	I: 0.573 A	P: 78.470 W	Pf: 0.622

Product model:	Manufacturer: Guangzhou Hotion Technology Co.,
Product number:	Test unit:
Tester:	Date of observation: 02/03/13
Remarks:	

Rf: -nan(ind) CCT: 99999K u': 0.1991
Rg: nan LER: 42.6 Duv: 0.15746 v': 0.0957



500			
Hue Bin	Rf	Chroma	Hue
1	0.0	-178.5%	61.3%
2	0.1	-22.2%	32.7%
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	52.1%	-231.9%
12	0.0	-34.3%	-358.6%
13	0.0	-192.2%	-348.5%
14	0.0	-308.7%	-275.7%
15	0.0	-425.3%	-193.8%
16	0.0	-366.0%	-10.0%



ERROR: rangecheck
OFFENDING COMMAND: roll

STACK:

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