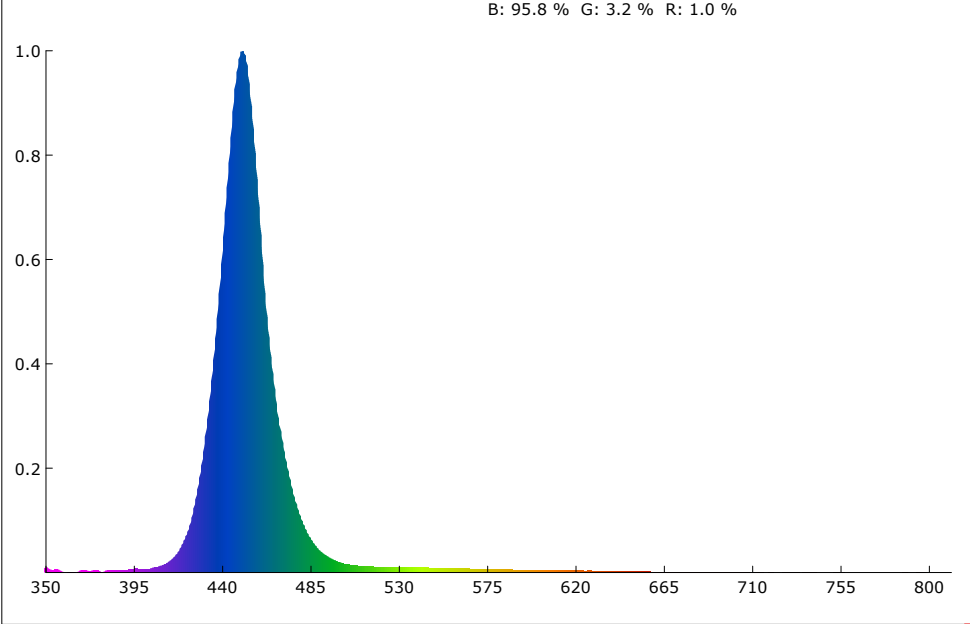
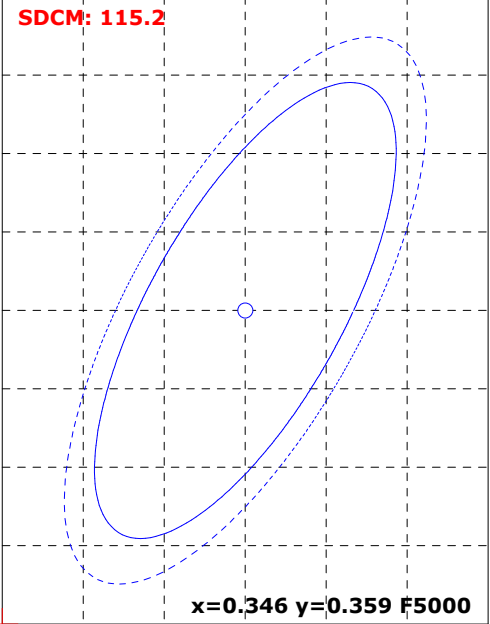


Spectrogram



SDCM



Color Parameter:

x: 0.1574	y: 0.0393	u: 0.1994	v: 0.0747	u': 0.1994	v': 0.1120		
R_ratio: 1.0 %	G_ratio: 3.2 %	B_ratio: 95.8 %	RedRatio: 3.5 %	GreenRatio: 36.2 %	BlueRatio: 60.2 %		
Ra: -37.2 AvgR: -38.1							
R1: 40.4	R2: -22.0	R3: -99.0	R4: -89.8	R5: 43.4	R6: -22.2	R7: -51.6	R8: -40.2
R9: -99.0	R10: -99.0	R11: -99.0	R12: -77.1	R13: 26.5	R14: -30.9	R15: 48.7	

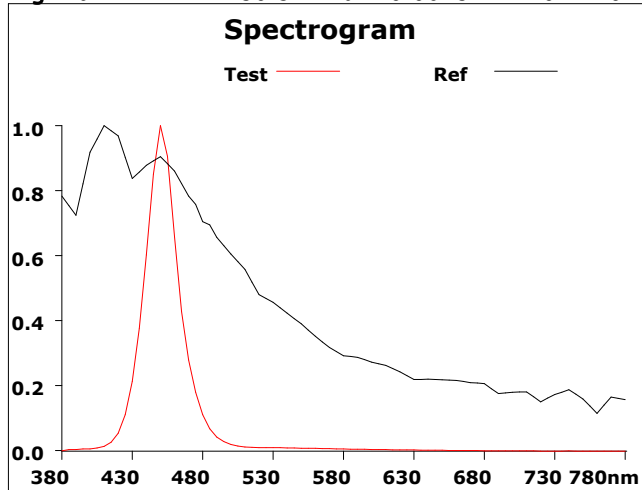
CCT: 99999 K	Flux: 447.168 lm	PeakWave: 450.6 nm	SDCM: 115.2
S/P: 15.7	CentralWave: 450.4 nm	DominantWave: 456.7 nm	CentroidWave: 456.5 nm
HalfWidth: 24.5 nm	duv: 0.06254	purity: 95.3 %	CQS: 0.3
LER(TM-30): 50.3	Ep: 8888.4 mw	Rg: nan	Rf: -nan(ind)
Red Ep: 90.2 mw	Near red Ep: 16.0 mw	Near infrared Ep: 4.2 mw	

Electrical parameters:

Effic: 4.5 Lm/W	Energy: 4.9	Effi: G	
U: 221.2 V	I: 0.492 A	P: 98.650 W	Pf: 0.906

Product model:	Manufacturer: Guangzhou Hotion Technology Co.,
Product number:	Test unit:
Tester:	Date of observation: 07/15/14
Remarks:	

Rg: nan LER: 50.3 Duv: 0.06254 v': 0.1120



Hue Bin	Rf	Chroma	Hue
1	-nan(ind)	nan%	-nan(ind)%
2	1.9	-2.6%	4.8%
3	0.0	-136.8%	285.5%
4	0.0	-22.4%	288.4%
5	0.0	87.7%	280.3%
6	0.0	200.2%	216.4%
7	0.0	220.1%	87.9%
8	0.0	262.1%	-22.7%
9	0.0	156.2%	-104.8%
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