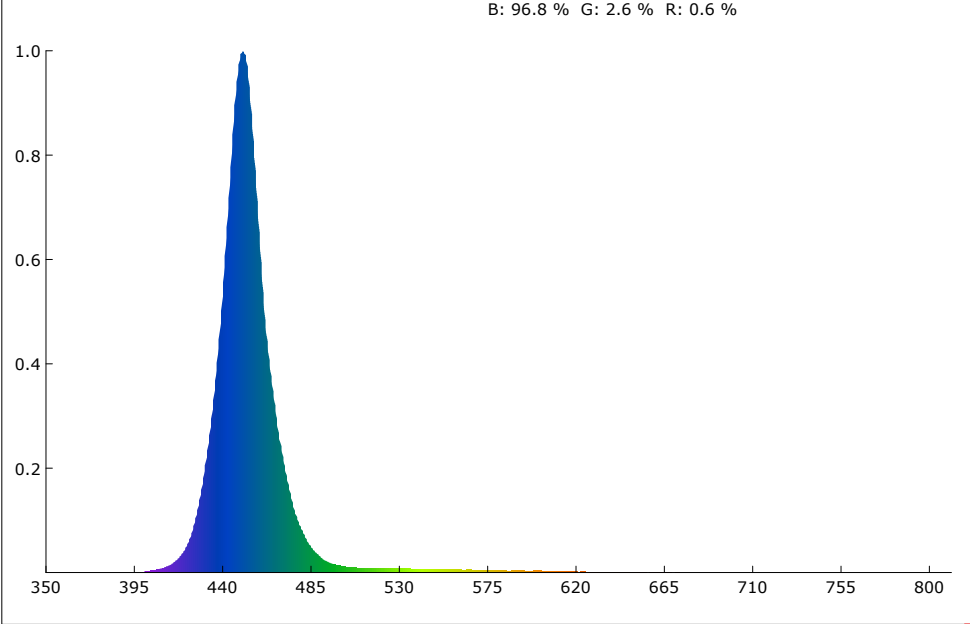
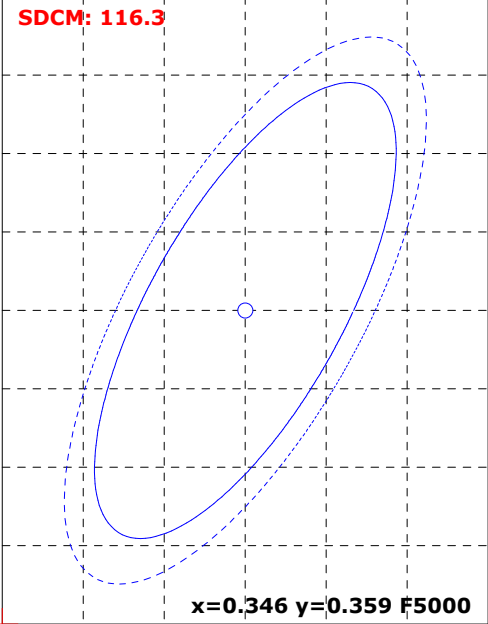


Spectrogram



SDCM



Color Parameter:

x: 0.1561 y: 0.0361 u: 0.2001 v: 0.0694 u': 0.2001 v': 0.1041
R_ratio: 0.6 % G_ratio: 2.6 % B_ratio: 96.8 % RedRatio: 2.7 % GreenRatio: 32.0 % BlueRatio: 65.3 %

Ra: -43.4 AvgR: -42.7
R1: 30.6 R2: -25.0 R3: -99.0 R4: -98.1 R5: 35.8 R6: -27.0 R7: -56.1 R8: -46.9
R9: -99.0 R10: -99.0 R11: -99.0 R12: -81.8 R13: 18.9 R14: -33.6 R15: 39.2

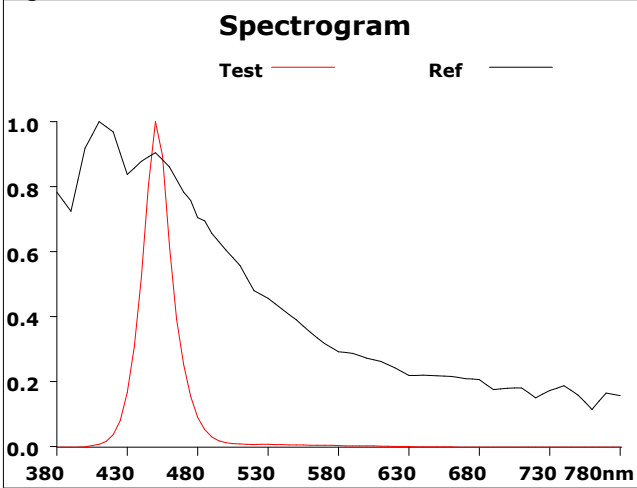
CCT: 99999 K Flux: 79.278 lm PeakWave: 450.6 nm SDCM: 116.3
S/P: 16.9 CentralWave: 450.8 nm DominantWave: 456.4 nm CentroidWave: 455.4 nm
HalfWidth: 21.6 nm duv: 0.15267 purity: 96.2 % CQS: 0.2
LER(TM-30): 47.5 Ep: 1667.9 mw Rg: nan Rf: -nan(ind)
Red Ep: 9.7 mw Near red Ep: 0.0 mw Near infrared Ep: 0.0 mw

Electrical parameters:

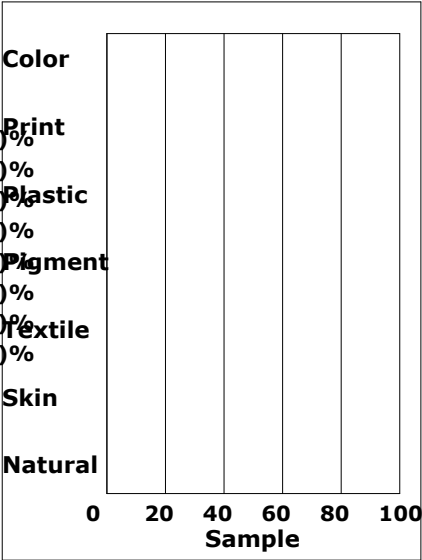
Effic: 3.9 Lm/W Energy: 4.3 Effi: G
U: 221.0 V I: 0.168 A P: 20.230 W Pf: 0.544

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

Rf: -nan(ind) CCT: 99999K u': 0.2001
Rg: nan LER: 47.5 Duv: 0.15267 v': 0.1041



500			
Hue Bin	Rf	Chroma	Hue
1	0.0	-216.5%	82.9%
2	0.0	29.4%	-34.1%
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	25.7%	-284.8%
12	0.0	-85.5%	-455.4%
13	0.0	-256.6%	-382.0%
14	0.0	-383.1%	-286.1%
15	0.0	-548.2%	-191.6%
16	0.0	-417.0%	15.1%



ERROR: rangecheck
OFFENDING COMMAND: roll

STACK:

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