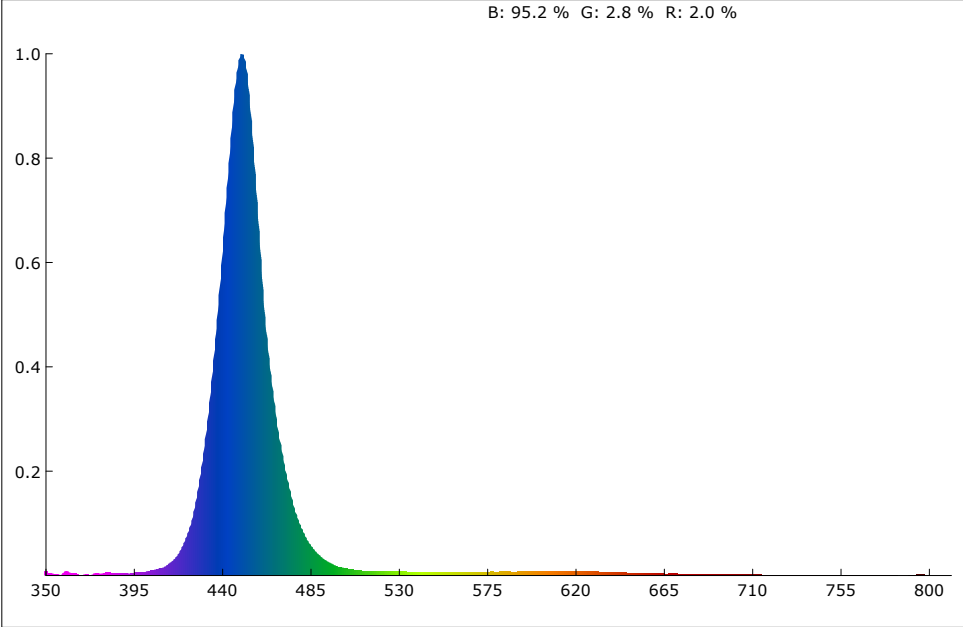
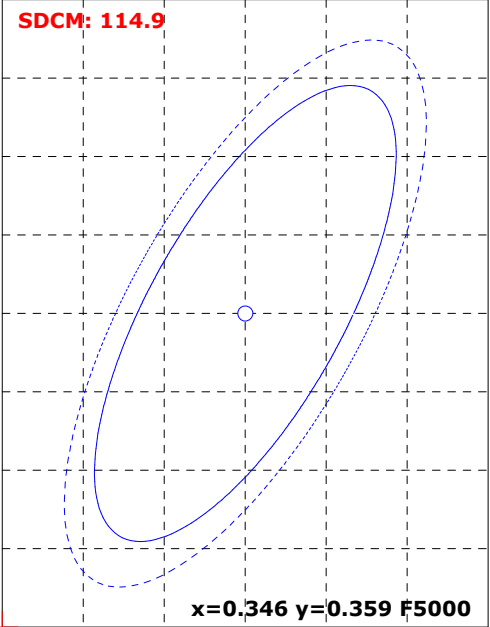


Spectrogram



SDCM



Color Parameter:

x: 0.1603 y: 0.0380 u: 0.2045 v: 0.0727 u': 0.2045 v': 0.1091
R_ratio: 2.0 % G_ratio: 2.8 % B_ratio: 95.2 % RedRatio: 6.6 % GreenRatio: 32.8 % BlueRatio: 60.6 %

Ra: -36.3 AvgR: -31.4
R1: 68.4 R2: -42.3 R3: -99.0 R4: -81.4 R5: 63.9 R6: -33.3 R7: -59.1 R8: -31.0
R9: -15.2 R10: -99.0 R11: -93.0 R12: -93.4 R13: 23.0 R14: -38.1 R15: 58.8

CCT: 99999 K Flux: 442.643 lm PeakWave: 449.6 nm SDCM: 114.9
S/P: 15.8 CentralWave: 450.0 nm DominantWave: 454.8 nm CentroidWave: 458.7 nm
HalfWidth: 23.7 nm duv: 0.15002 purity: 95.0 % CQS: 0.3
LER(TM-30): 48.4 Ep: 9147.8 mw Rg: nan Rf: -nan(ind)
Red Ep: 182.9 mw Near red Ep: 44.3 mw Near infrared Ep: 10.0 mw

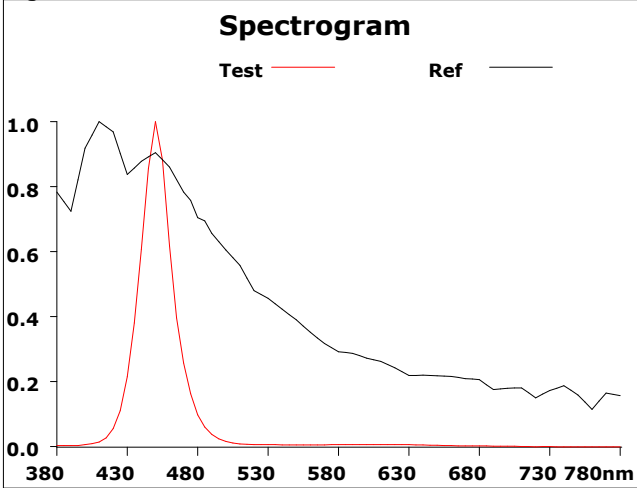
Electrical parameters:

Effic: 4.5 Lm/W Energy: 4.9 Effi: G
U: 219.5 V I: 0.694 A P: 98.980 W Pf: 0.649

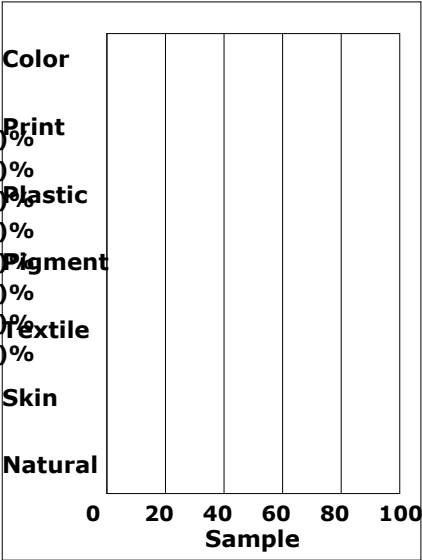
Product model:
Product number:
Tester:
Remarks:

Manufacturer: Guangzhou Hotion Technology Co.,
Test unit:
Date of observation: 05/30/14

Rf: -nan(ind) CCT: 99999K u': 0.2045
Rg: nan LER: 48.4 Duv: 0.15002 v': 0.1091



500			
Hue Bin	Rf	Chroma	Hue
1	0.0	-147.9%	71.0%
2	0.0	88.2%	-95.3%
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	24.2%	-270.6%
12	0.0	-82.8%	-424.7%
13	0.0	-245.3%	-363.1%
14	0.0	-363.9%	-268.0%
15	0.0	-503.7%	-168.3%
16	0.0	-386.9%	18.9%



ERROR: rangecheck
OFFENDING COMMAND: roll

STACK:

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