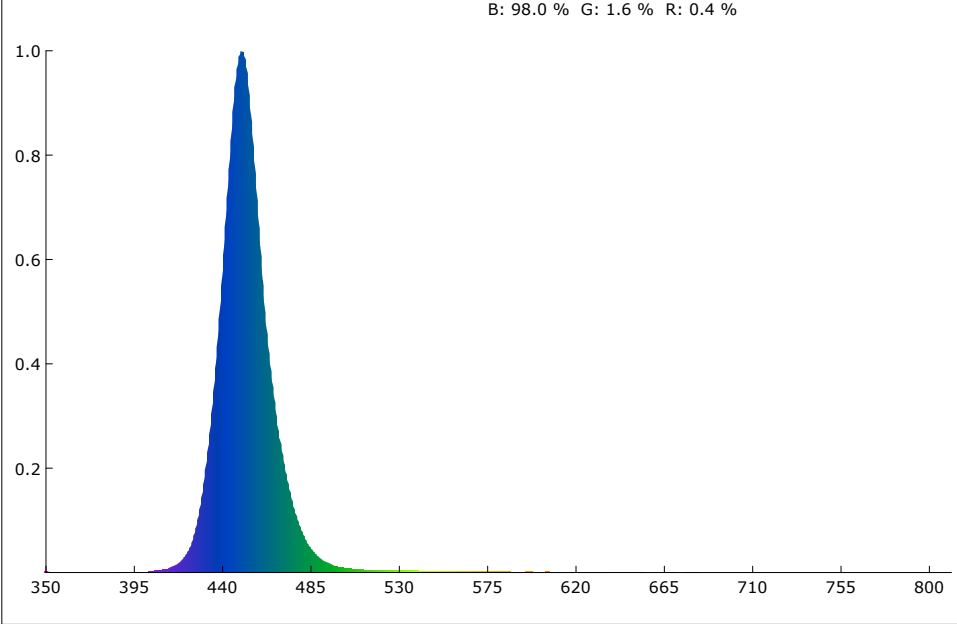
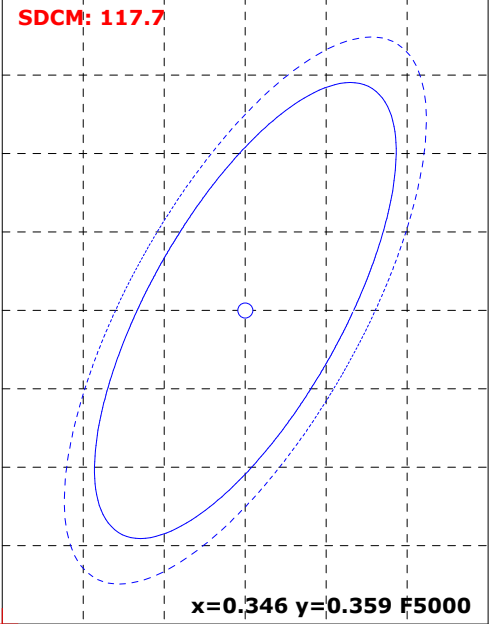


Spectrogram



SDCM



Color Parameter:

x: 0.1544 y: 0.0313 u: 0.2014 v: 0.0612 u': 0.2014 v': 0.0918
R_ratio: 0.4 % G_ratio: 1.6 % B_ratio: 98.0 % RedRatio: 1.9 % GreenRatio: 22.7 % BlueRatio: 75.4 %

Ra: -50.6 AvgR: -49.7
R1: 14.5 R2: -33.6 R3: -99.0 R4: -99.0 R5: 21.5 R6: -41.2 R7: -58.5 R8: -46.2
R9: -99.0 R10: -99.0 R11: -99.0 R12: -99.0 R13: 0.3 R14: -35.3 R15: 26.8

CCT: 99999 K	Flux: 208.711 lm	PeakWave: 449.6 nm	SDCM: 117.7
S/P: 19.3	CentralWave: 450.4 nm	DominantWave: 455.8 nm	CentroidWave: 454.2 nm
HalfWidth: 22.8 nm	duv: 0.16076	purity: 97.6 %	CQS: 0.2
LER(TM-30): 41.6	Ep: 5012.6 mw	Rg: nan	Rf: -nan(ind)
Red Ep: 19.7 mw	Near red Ep: 0.4 mw	Near infrared Ep: 0.1 mw	

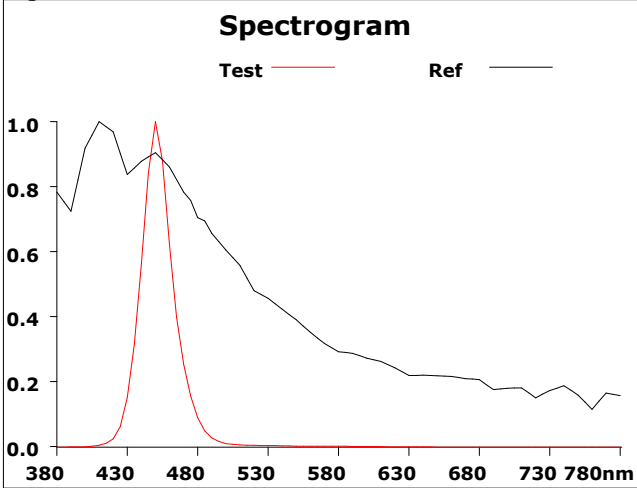
Electrical parameters:

Effic: 2.8 Lm/W	Energy: 3.0	Effi: G	
U: 221.9 V	I: 0.538 A	P: 74.660 W	Pf: 0.625

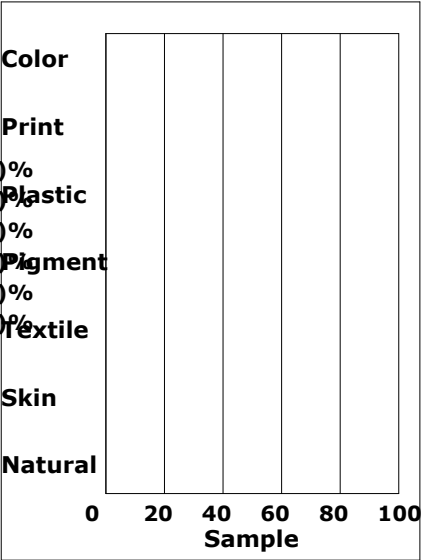
Product model: P19
Product number:
Tester:
Remarks:

Manufacturer: Guangzhou Hotion Technology Co.,
Test unit:
Date of observation: 08/10/12

Rf: -nan(ind) CCT: 99999K u': 0.2014
Rg: nan LER: 41.6 Duv: 0.16076 v': 0.0918



500			
Hue Bin	Rf	Chroma	Hue
1	0.0	-117.8%	45.4%
2	19.2	24.3%	-10.3%
3	0.0	91.8%	-239.4%
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	0.0	74.8%	-42.7%
11	0.0	69.7%	-215.8%
12	0.0	-9.3%	-324.4%
13	0.0	-151.3%	-322.6%
14	0.0	-262.9%	-265.1%
15	0.0	-358.1%	-187.0%
16	0.0	-301.5%	-18.0%



ERROR: rangecheck
OFFENDING COMMAND: roll

STACK:

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