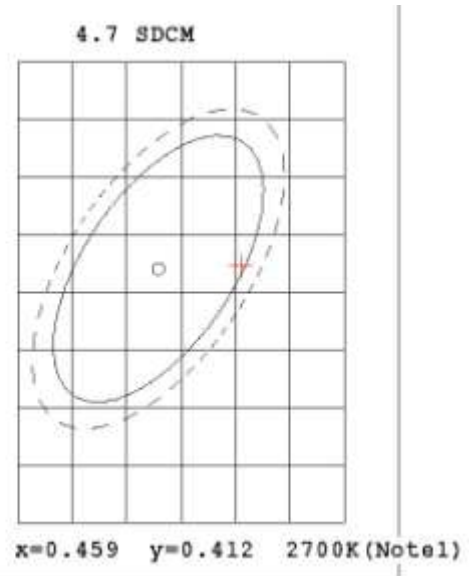
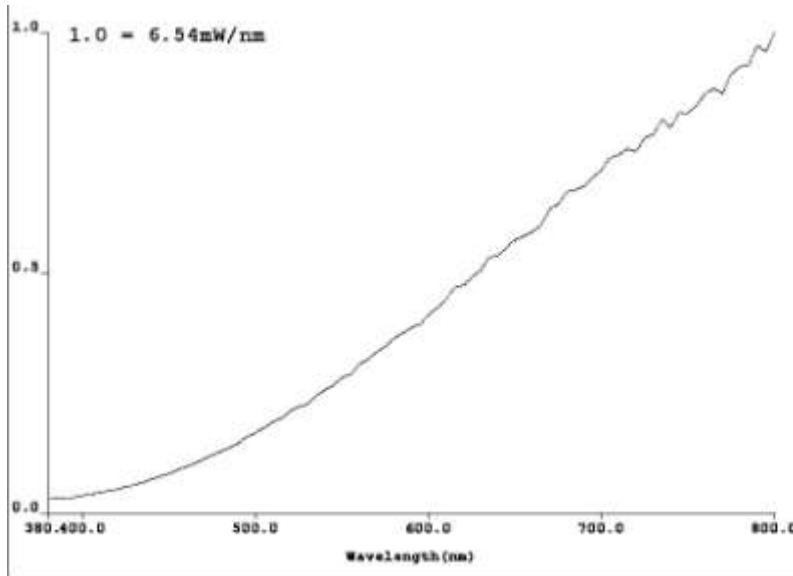


## Light Source Test Report



### CIE Color Parameters:

Chromaticity Coordinate:  $x=0.4666$   $y=0.4122$   $u=0.2661$   $v=0.3527$  CCT:  
Tc= 2620K Prcp Wave L:  $d=584.6$ nm Purity=63.8%

1

Peak Wave L: 1 p=800nm Half Width:  $D1$  p=166.3nm Ratio: R=27.3% G=70.0% B=2.7%  
Average Wave: 693nm  
Rendering Index: Ra=99.7  
R1 =100 R2 =100 R3 =100 R4 =100 R5 =100 R6 =100 R7 =99 R8 =99  
R9 =99 R10=100 R11=100 R12=100 R13=100 R14=100 R15=100

### Photo Parameters:

Flux: F=164.24(lm) Luminous efficacy: 9.21(lm/W) Luminous Power: P=1.189(W)

### Electrical Parameters:

U=231.7V I=0.0770A P=17.82W PF=0.999

Instrument Status: Scan Range: 380.0nm-800.0nm Interval: 5.0nm  $I_p = 372$  REF = 4876 % = -0.335% TMP (PMT) = 20.2degrees centigrade Product Type: G9-230V 18W Manufacturer: Ultra Max Instrument: PMS-50 System Test Department: QC Temperature: 21.5deg Humidity: 65.0% Test Operator: QC Test Date: 2013-11-11