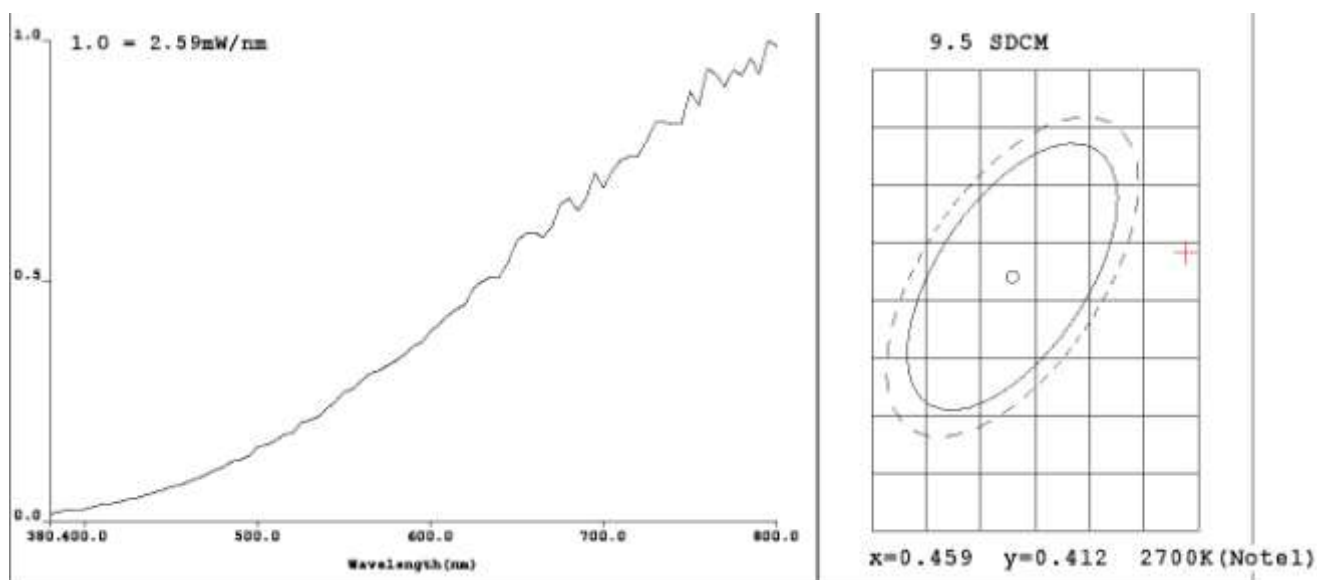


## Light Source Test Report



### CIE Color Parameters:

Chromaticity Coordinate:  $x=0.4750$   $y=0.4141$ / $u=0.2707$   $v=0.3540$  CCT:

$T_c = 2528K$  Prcp Wave L:  $d=585.1nm$  Purity=66.9%

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Peak Wave L:  $1 p=795nm$  Half Width:  $D1 p=157.6nm$  Ratio: R=28.2% G=69.3% B=2.6%

Average Wave: 697nm

Rendering Index:  $R_a=99.1$

$R1 =100$   $R2 =100$   $R3 =99$   $R4 =100$   $R5 =100$   $R6 =99$   $R7 =98$   $R8 =98$

$R9 =96$   $R10=100$   $R11=100$   $R12=99$   $R13=100$   $R14=99$   $R15=99$

### Photo Parameters:

Flux:  $F=61.795(lm)$  Luminous efficacy: 6.33(lm/W) Luminous Power:  $P=465.0(mW)$

### Electrical Parameters:

$U=12.02V$   $I=0.8113A$   $P=9.758W$   $PF=1.000$

Instrument Status: Scan Range: 380.0nm-800.0nm Interval: 5.0nm  $I_p = 175$  REF = 1898 % = -0.555% TMP (PMT) = 20.0degrees centigrade Product Type:G4-230V 10W Manufacturer: Ultra Max Instrument:PMS-50 System Test Department: QC Temperature:21.7deg Humidity:65.0% Test Operator: QC Test Date:2013-11-11