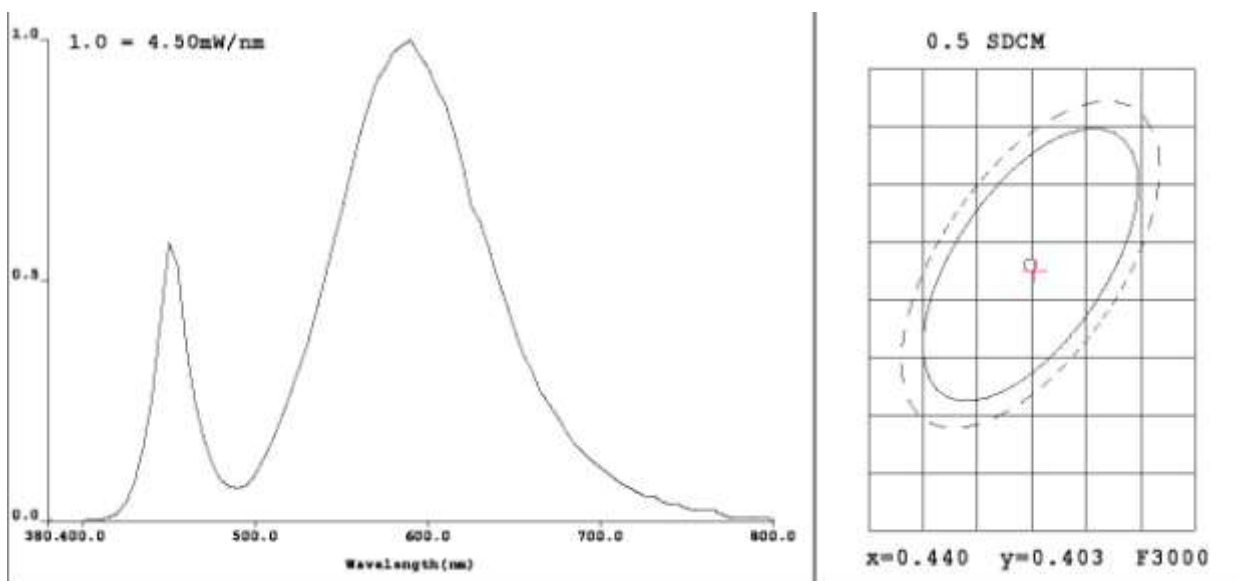


Light Source Test Report



CIE Color Parameters:

Chromaticity Coordinate: $x=0.4404$ $y=0.4025$ $u=0.2535$ $v=0.3475$ CCT:

Tc= 2929K Prcp Wave L: $d=583.5\text{nm}$ Purity=53.0%

Peak Wave L: $l_p=590\text{nm}$ Half Width: $D_l_p=100.6\text{nm}$ Ratio: R=20.1% G=78.3% B=1.5%

Average Wave: 585nm

Rendering Index Ra =61.6

R1 =56 R2 =76 R3 =91 R4 =51 R5 =53 R6 =63 R7 =72 R8 =30

R9 =-62 R10=44 R11=37 R12=28 R13=59 R14=95 R15=51

Photo Parameters:

Flux: $F=234.54(\text{lm})$ Luminous efficacy: $71.18(\text{lm/W})$ Luminous Power: $P=571.2(\text{mW})$

Electrical Parameters:

$U=12.00\text{V}$ $I=0.3901\text{A}$ $P=3.295\text{W}$ $\text{PF}=0.704$

Instrument Status: Scan Range: 380.0nm-800.0nm Interval: 5.0nm $I_p = 2184$ REF = 7204 % = -1.126% TMP (PMT) = 12.3degrees centigrade Product Type: MR16 12V 3W 3000K Manufacturer: Ultra Max Instrument: PMS-50 System Test Department: QC Temperature: 12.6deg Humidity: 65.0% Test Operator: QC Test Date: 2014-02-25