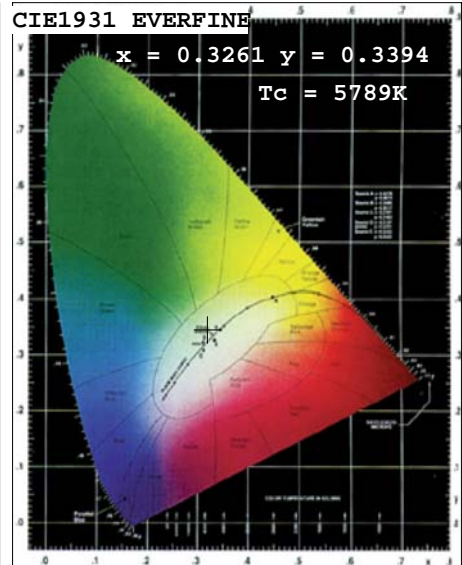
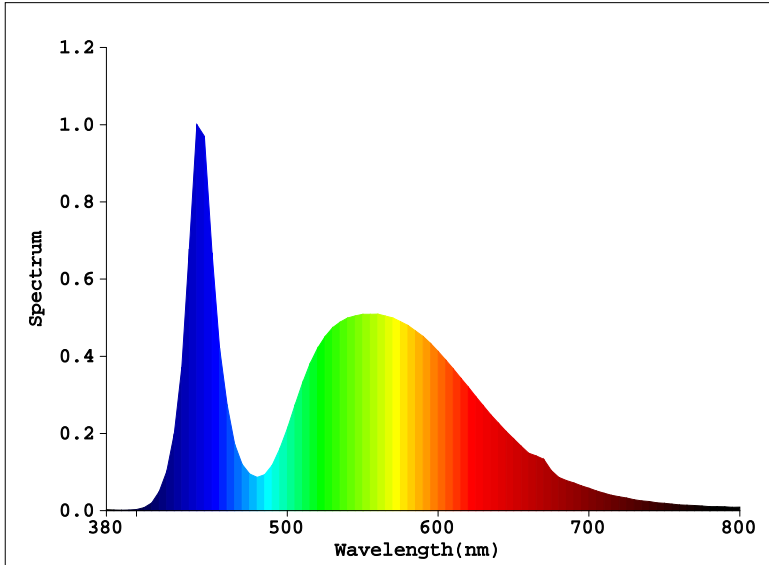


FOBSUN ELECTRONICS INC.

Light Source Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3261$ $y=0.3394$ $u'=0.2031$ $v'=0.4758$

$T_c=5789K$ Dominant WL: $L_d=502.9nm$ Purity=2.2% Centroid WL: $547.0nm$

Ratio: R=14.3% G=82.8% B=2.9% Peak WL: $L_p=440.0nm$ HWL: $21.3nm$

Render Index: $R_a=71.3$

R1 =71 R2 =73 R3 =75 R4 =73 R5 =73 R6 =66 R7 =77

R8 =62 R9 =-19 R10=37 R11=74 R12=46 R13=70 R14=86 R15=66

Photo Parameters:

Flux: 912.40 lm $F_e=2.8633 W$ Efficacy: $108.4 lm/W$

LEVEL: OUT WHITE: ANSI_5700K

Electrical Parameters:

Luminaire: $U=218.8V$ $I=0.04865A$ $P=8.413W$ $PF=0.7904$

Instrument Status:

Scan Range: $380.0nm-800.0nm$ Interval: $5.0nm[0]$

$I_p=22176(G=4,D=45)$

REF=14222(R=3)

$\%=-0.120\%$

PMT: 18.1 centigrade [17.5]

Product Type: OPT-F211W-K4
Number: 0000006501
Temperature: 25.3 deg
Test Operator: DAMIN
Software: V2.00.100

Manufacturer: FOBSUN ELECTRONICS INC.
Test Department: FOBSUN ELECTRONICS INC.
Humidity: 65.0%
Test Date: 2011-12-19 11:48:12
Instrument: PMS-50SSA_V1 (SN:1007074)