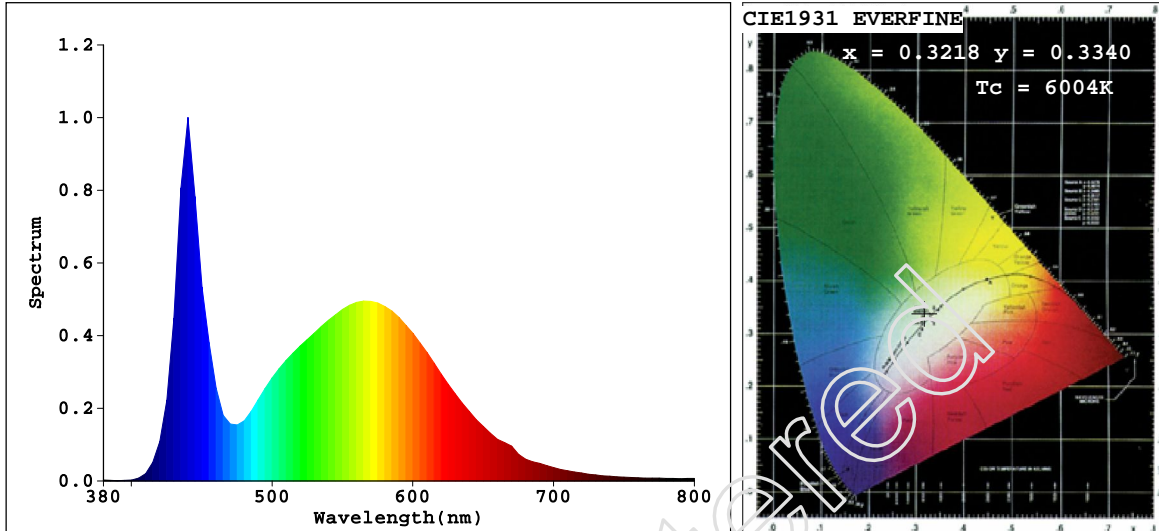


**FOBSUN ELECTRONICS INC.**

**Light Source Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.3218$   $y=0.3340$   $u'=0.2023$   $v'=0.4723$   
 $T_c=6004K$  Dominant WL:  $L_d=492.5nm$  Purity=3.8% Centroid WL:  $542.0nm$   
 Ratio: R=14.0% G=82.1% B=3.9% Peak WL:  $L_p=440.0nm$  HWL:  $20.4nm$   
 Render Index:  $R_a=73.4$   
 R1 =71 R2 =77 R3 =82 R4 =75 R5 =74 R6 =71 R7 =79  
 R8 =59 R9 =-31 R10=46 R11=75 R12=58 R13=71 R14=90 R15=64

**Photo Parameters:**

Flux: 538.00 lm  $F_e: 1.6932 W$  Efficacy:  $72.43 lm/W$   
 LEVEL: OUT WHITE: OUT

**Electrical Parameters:**

Luminaire:  $U=218.9V$   $I=0.03671A$   $P=7.428W$  PF=0.9245

**Instrument Status:**

Scan Range:  $380.0nm-800.0nm$  Interval:  $5.0nm[0]$   $I_p=42563(G=5, D=49)$   
 REF=8425(R=3)  $\%=-0.300\%$  PMT: 31.4 centigrade [32.1]

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Product Type: FPL-G24-8W  
 Number: 10  
 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: 2012-07-19 17:27:30  
 Instrument: PMS-50SSA\_V1 (SN:1007074)