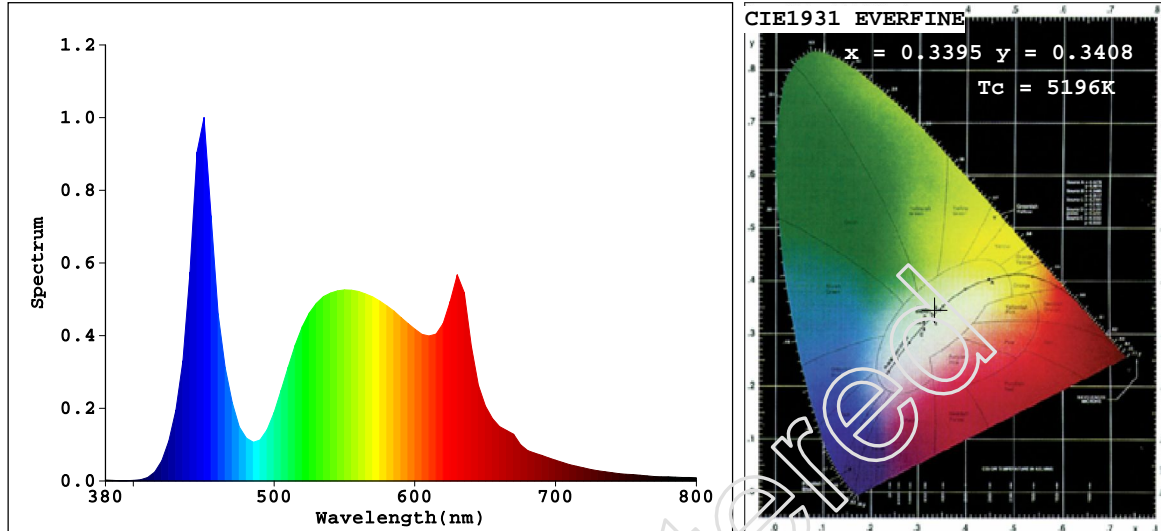


FOBSUN ELECTRONICS INC.

Light Source Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3395$ $y=0.3408$ $u'=0.2118$ $v'=0.4785$
 $T_c=5196K$ Dominant WL: $L_d=575.6nm$ Purity=4.1% Centroid WL: $553.0nm$
 Ratio: R=17.1% G=79.7% B=3.2% Peak WL: $L_p=450.0nm$ HWL: $20.8nm$
 Render Index: $R_a=81.2$
 R1 =84 R2 =82 R3 =77 R4 =83 R5 =83 R6 =74 R7 =85
 R8 =82 R9 =46 R10=54 R11=81 R12=51 R13=82 R14=86 R15=85

Photo Parameters:

Flux: 597.33 lm F_e : 1.8901 W Efficacy: 73.94 lm/W
 LEVEL: OUT WHITE: OUT

Electrical Parameters:

Luminaire: U=218.7V I=0.03911A P=8.078W PF=0.9442

Instrument Status:

Scan Range: 380.0nm-800.0nm Interval: 5.0nm[0] $I_p=47534(G=5, D=46)$
 REF=9350(R=3) $\% = 0.249\%$ PMT: 28.4 centigrade [28.9]

Product Type: PAR30-8W
 Number: 12
 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: 2012-07-26 14:45:52
 Instrument: PMS-50SSA_V1 (SN:1007074)