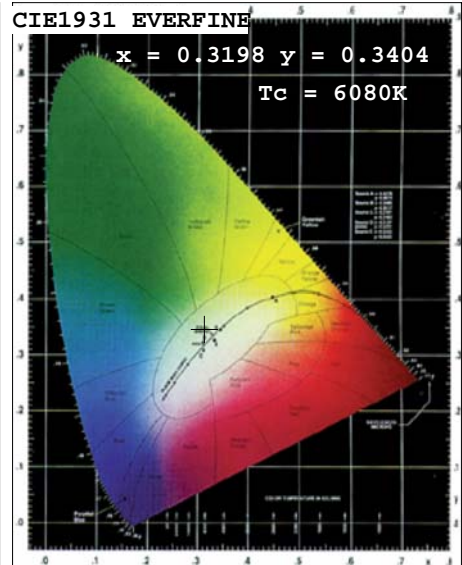
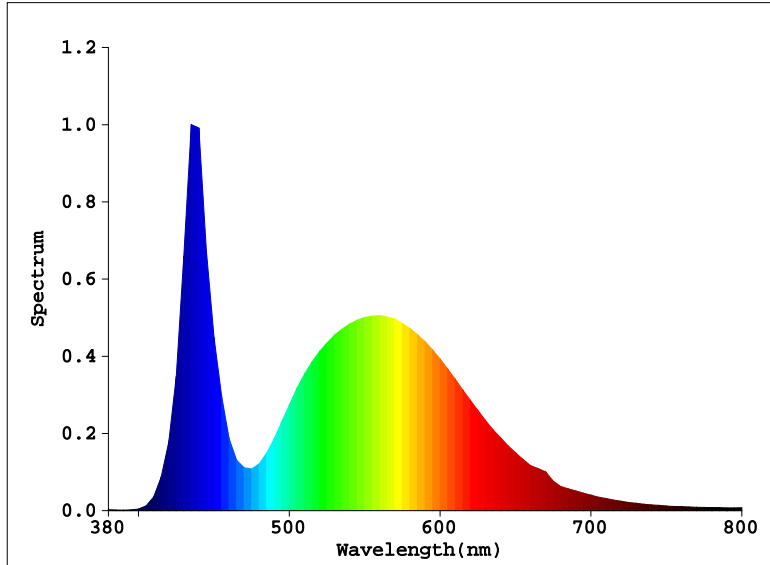


FOBSUN ELECTRONICS INC.

Light Source Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3198$ $y=0.3404$ / $u'=0.1985$ $v'=0.4753$
 $T_c=6080K$ Dominant WL: $L_d=498.5nm$ Purity: 4.2% Centroid WL: 541.0nm
 Ratio: R=13.3% G=83.5% B=3.2% Peak WL: $L_p=435.0nm$ HWL: 21.4nm
 Render Index: $R_a=69.5$
 R1 =67 R2 =72 R3 =77 R4 =71 R5 =71 R6 =66 R7 =76
 R8 =57 R9 =-40 R10=36 R11=73 R12=52 R13=66 R14=87 R15=59

Photo Parameters:

Flux: 2075.4 lm Fe: 6.4959 W Efficacy: 92.88 lm/W
 LEVEL: OUT WHITE: ANSI_6500K

Electrical Parameters:

Luminaire: U=219.0V I=0.1078A P=22.35W PF=0.9464

Instrument Status:

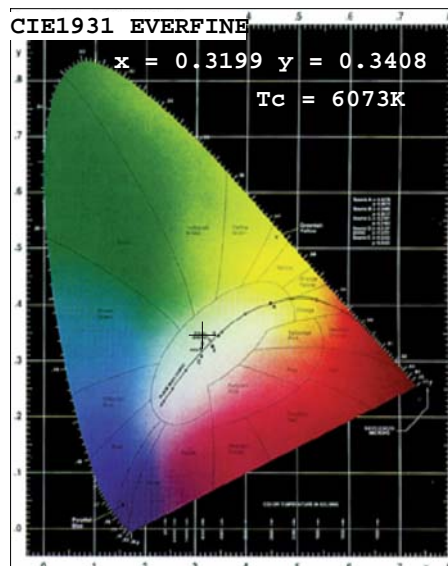
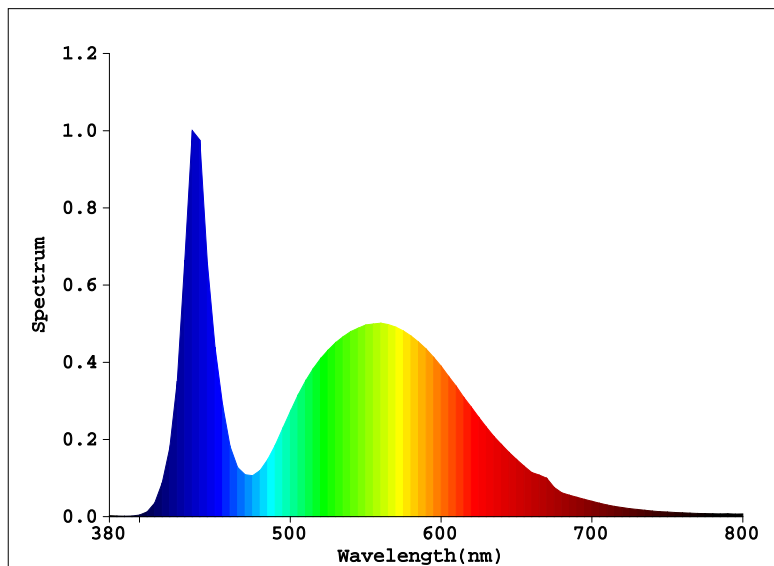
Scan Range: 380.0nm-800.0nm Interval: 5.0nm[0] $I_p=47047(G=4, D=48)$
 REF=32210(R=3) $\% = 0.215\%$ PMT: 29.9 centigrade [28.1]

Product Type: T8-RAF120-22W
 Number: 05548
 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: 2012-02-13 16:36:41
 Instrument: PMS-50SSA_V1 (SN:1007074)

FOBSUN ELECTRONICS INC.

Light Source Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3199$ $y=0.3408$ $u'=0.1984$ $v'=0.4755$

$T_c=6073K$ Dominant WL: $L_d=498.9nm$ Purity=4.2% Centroid WL: $541.0nm$

Ratio: R=13.3% G=83.5% B=3.2% Peak WL: $L_p=435.0nm$ HWL: $21.2nm$

Render Index: $R_a=69.5$

R1 =67 R2 =72 R3 =77 R4 =71 R5 =70 R6 =66 R7 =75

R8 =56 R9 =-40 R10=35 R11=73 R12=52 R13=66 R14=87 R15=59

Photo Parameters:

Flux: 2151.0 lm $F_e=6.7273 W$ Efficacy: $91.68 lm/W$

LEVEL:OUT WHITE:ANSI_6500K

Electrical Parameters:

Luminaire: $U=219.2V$ $I=0.1127A$ $P=23.46W$ $PF=0.9498$

Instrument Status:

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

REF=33381(R=3)

%=-0.376%

$I_p=49277(G=4,D=49)$

PMT: 29.6 centigrade [27.5]

Product Type:T8-RAF120-23W
Number:05549
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:2012-02-13 17:26:58
Instrument:PMS-50SSA_V1 (SN:1007074)