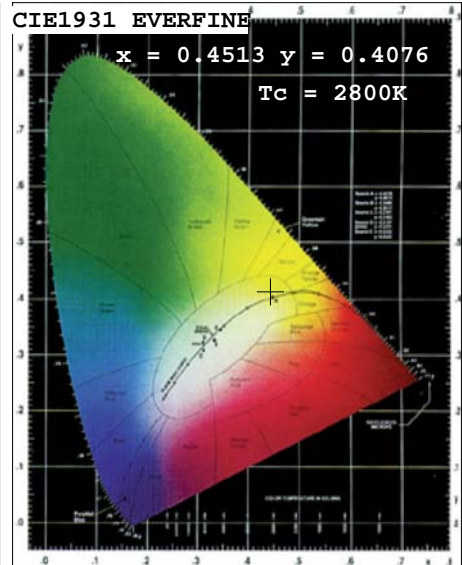
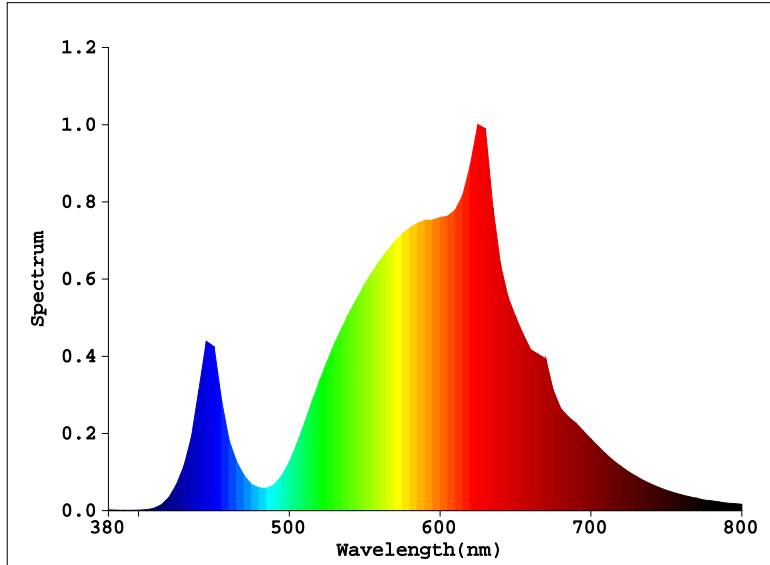


FOBSUN ELECTRONICS INC.

Light Source Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4513$ $y=0.4076$ $u'=0.2583$ $v'=0.5249$

$T_c=2800K$ Dominant WL: $L_d=583.8nm$ Purity=57.8% Centroid WL: $597.0nm$

Ratio: R=25.5% G=73.3% B=1.2% Peak WL: $L_p=625.0nm$ HWL: $112.1nm$

Render Index: $R_a=78.5$

| | | | | | | | |
|--------|--------|--------|--------|--------|--------|--------|--------|
| R1 =78 | R2 =84 | R3 =86 | R4 =77 | R5 =75 | R6 =75 | R7 =86 | |
| R8 =67 | R9 =21 | R10=60 | R11=71 | R12=49 | R13=78 | R14=91 | R15=76 |

Photo Parameters:

Flux: 1408.8 lm Fe: 4.3832 W Efficacy: 62.18 lm/W

LEVEL:OUT WHITE:OUT

Electrical Parameters:

Luminaire: U=218.9V I=0.1129A P=22.66W PF=0.9167

Instrument Status:

Scan Range: 380.0nm-800.0nm Interval: 5.0nm[0]
REF=22238(R=3) %=-0.208%

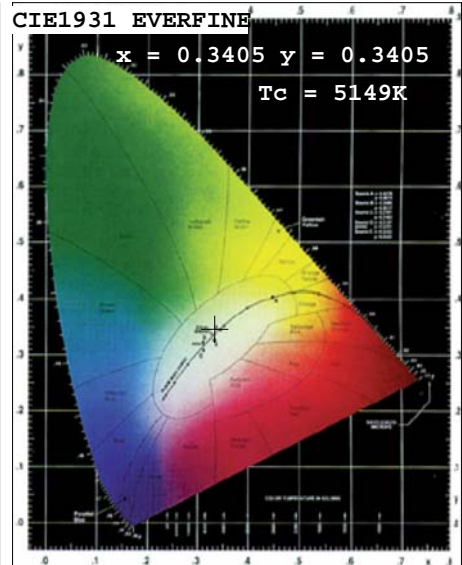
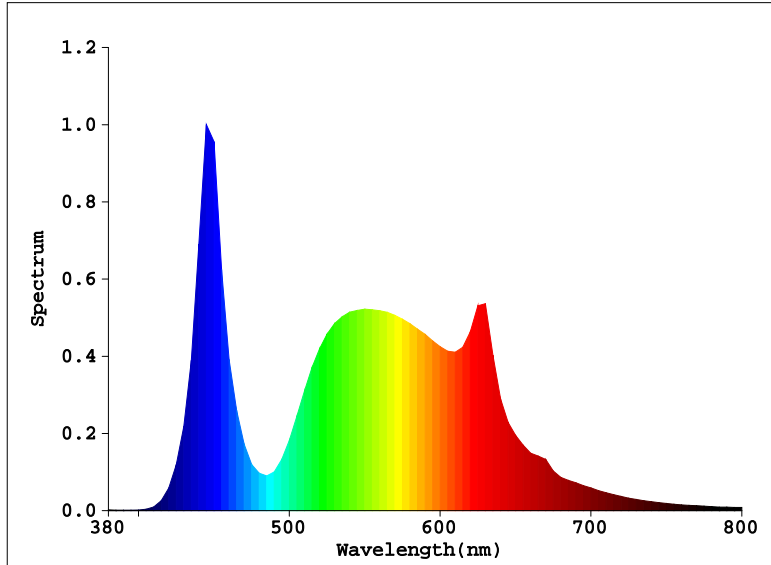
$I_p=38421(G=5,D=43)$
PMT: 19.8 centigrade [20.2]

Product Type: FCL6-22W-2800K
Number: 9
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: 2012-02-15 11:58:05
Instrument: PMS-50SSA_V1 (SN:1007074)

FOBSUN ELECTRONICS INC.

Light Source Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3405$ $y=0.3405$ $u'=0.2127$ $v'=0.4785$
 $T_c=5149K$ Dominant WL: $L_d=578.1nm$ Purity=4.3% Centroid WL: $553.0nm$
 Ratio: R=17.1% G=79.9% B=3.0% Peak WL: $L_p=445.0nm$ HWL: $20.8nm$
 Render Index: $R_a=79.1$
 R1 =82 R2 =81 R3 =75 R4 =81 R5 =81 R6 =73 R7 =83
 R8 =77 R9 =33 R10=51 R11=80 R12=50 R13=80 R14=85 R15=82

Photo Parameters:

Flux: 1616.0 lm Fe: 5.0769 W Efficacy: 71.39 lm/W
 LEVEL:OUT WHITE:OUT

Electrical Parameters:

Luminaire: U=218.9V I=0.1128A P=22.64W PF=0.9166

Instrument Status:

Scan Range: 380.0nm-800.0nm Interval: 5.0nm[0] $I_p=37644(G=4, D=44)$
 REF=25139(R=3) %=-0.208% PMT: 19.9 centigrade [20.0]

Product Type: FCL6-22W-5149K
 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: 2012-02-15 12:00:44
 Instrument: PMS-50SSA_V1 (SN:1007074)