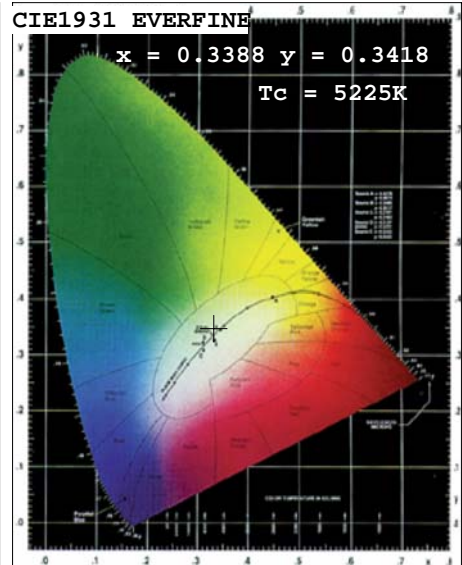
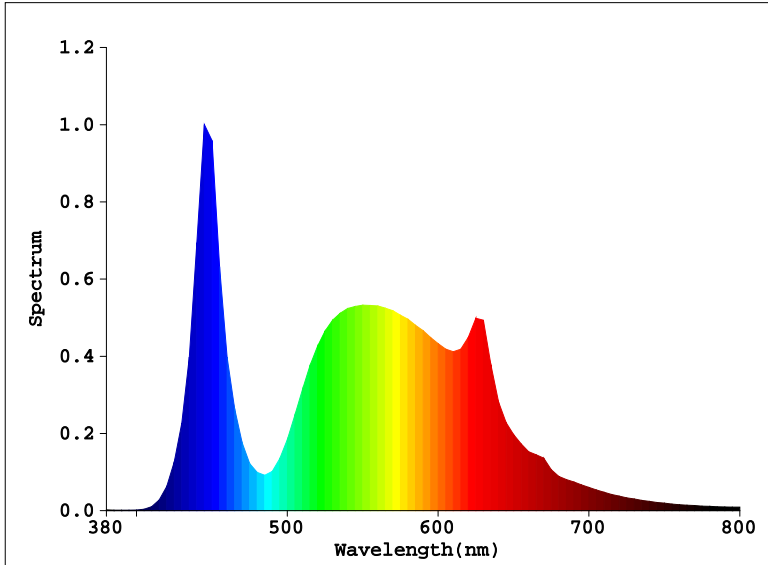


FOBSUN ELECTRONICS INC.

Light Source Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3388$ $y=0.3418$ $u'=0.2109$ $v'=0.4789$

$T_c=5225K$ Dominant WL: $L_d=572.8nm$ Purity=4.2% Centroid WL: $553.0nm$

Ratio: R=16.6% G=80.4% B=2.9% Peak WL: $L_p=445.0nm$ HWL: $21.1nm$

Render Index: $R_a=77.7$

| | | | | | | | |
|--------|--------|--------|--------|--------|--------|--------|--------|
| R1 =80 | R2 =79 | R3 =76 | R4 =79 | R5 =79 | R6 =71 | R7 =83 | |
| R8 =74 | R9 =23 | R10=48 | R11=79 | R12=48 | R13=78 | R14=86 | R15=79 |

Photo Parameters:

Flux: 2056.1 lm Fe: 6.4278 W Efficacy: 74.46 lm/W

LEVEL:OUT WHITE:OUT

Electrical Parameters:

Luminaire: U=218.9V I=0.1337A P=27.61W PF=0.9436

Instrument Status:

Scan Range: 380.0nm-800.0nm Interval: 5.0nm[0]
REF=31955(R=3) %=-0.113%

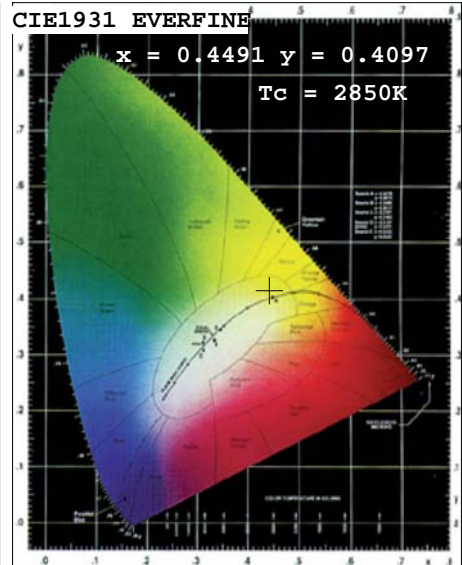
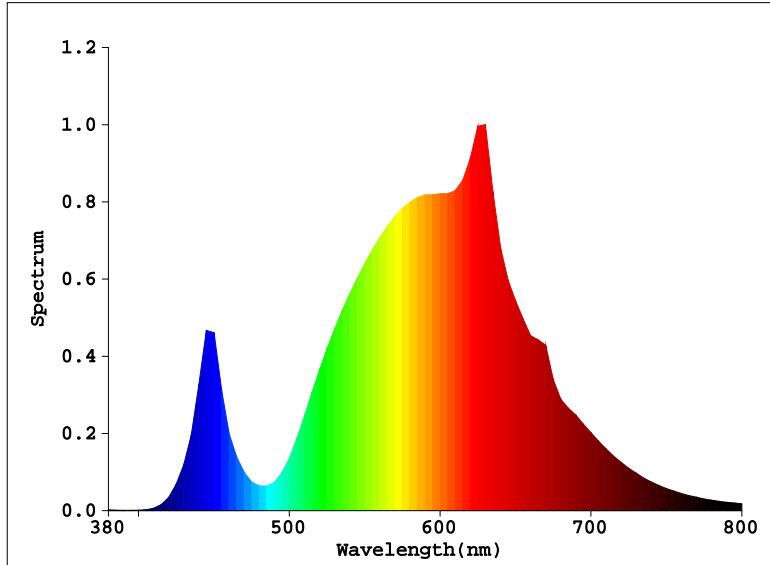
$I_p=47525(G=4,D=43)$
PMT: 19.6 centigrade [20.1]

Product Type: FCL8-27W-5225K
Number: 7
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 11:50:12
Instrument: PMS-50SSA_V1 (SN:1007074)

FOBSUN ELECTRONICS INC.

Light Source Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4491$ $y=0.4097$ / $u'=0.2560$ $v'=0.5254$

Tc=2850K Dominant WL:Ld=583.3nm Purity=57.8% Centroid WL:596.0nm

Ratio:R=24.8% G=74.0% B=1.2% Peak WL:Lp=630.0nm HWL:121.5nm

Render Index:Ra=77.2

| | | | | | | | |
|--------|--------|--------|--------|--------|--------|--------|--------|
| R1 =76 | R2 =83 | R3 =86 | R4 =76 | R5 =73 | R6 =74 | R7 =86 | |
| R8 =65 | R9 =16 | R10=57 | R11=69 | R12=46 | R13=76 | R14=91 | R15=74 |

Photo Parameters:

Flux: 1817.7 lm Fe: 5.6246 W Efficacy:66.22 lm/W

LEVEL:OUT WHITE:OUT

Electrical Parameters:

Luminaire: U=218.9V I=0.1330A P=27.45W PF=0.9426

Instrument Status:

Scan Range:380.0nm-800.0nm Interval:5.0nm[0]
REF=28660(R=3) %=-0.196%

Ip=49819(G=5,D=44)
PMT: 19.8 centigrade [20.1]

Product Type:FCL8-27W-2850K
Number:8
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 11:54:39
Instrument:PMS-50SSA_V1 (SN:1007074)