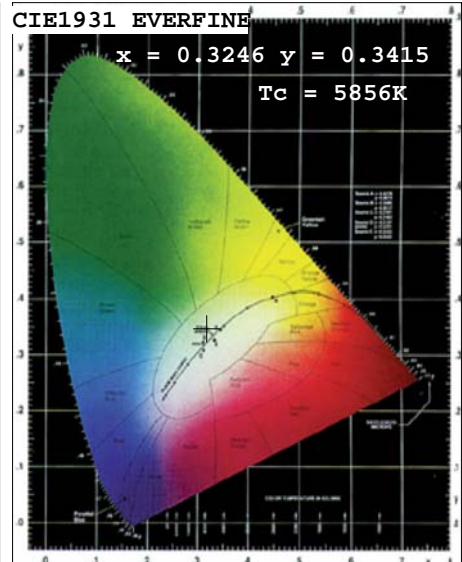
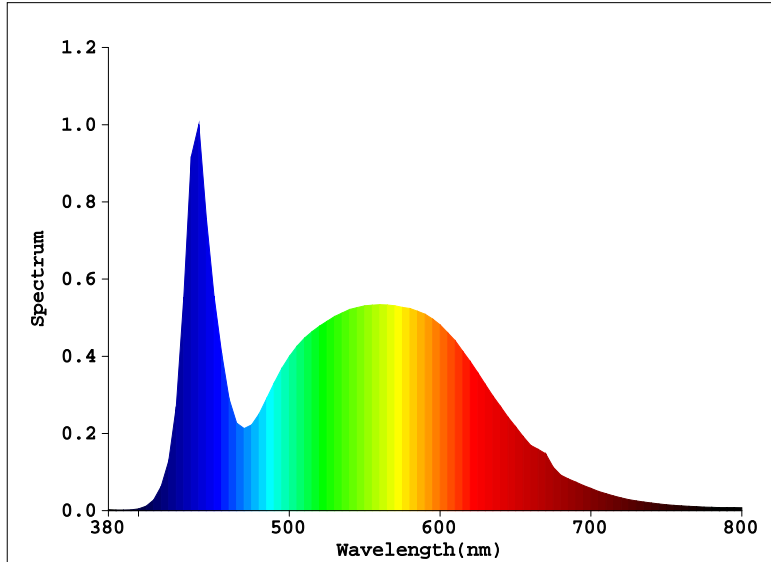


FOBSUN ELECTRONICS INC.

Light Source Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3246$ $y=0.3415$ / $u'=0.2013$ $v'=0.4766$

$T_c=5856K$ Dominant WL: $L_d=504.3nm$ Purity=2.7% Centroid WL: $543.0nm$

Ratio: $R=15.1\%$ $G=80.6\%$ $B=4.3\%$ Peak WL: $L_p=440.0nm$ HWL: $22.8nm$

Render Index: $R_a=80.3$

$R_1 = 79$ $R_2 = 83$ $R_3 = 87$ $R_4 = 82$ $R_5 = 81$ $R_6 = 79$ $R_7 = 84$

$R_8 = 68$ $R_9 = -0$ $R_{10}=60$ $R_{11}=84$ $R_{12}=70$ $R_{13}=79$ $R_{14}=93$ $R_{15}=72$

Photo Parameters:

Flux: 1659.6 lm $F_e: 5.3576 W$ Efficacy:96.48 lm/W

LEVEL:OUT WHITE:OUT

Electrical Parameters:

Luminaire: $U=218.8V$ $I=0.08550A$ $P=17.20W$ $PF=0.9197$

Instrument Status:

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

REF=25737(R=3)

%=-0.183%

$I_p=34812(G=4,D=44)$

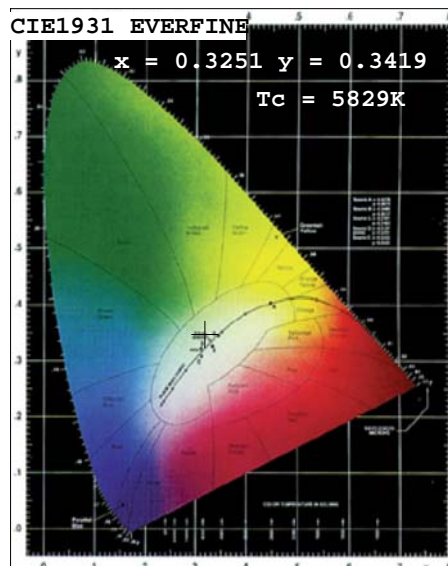
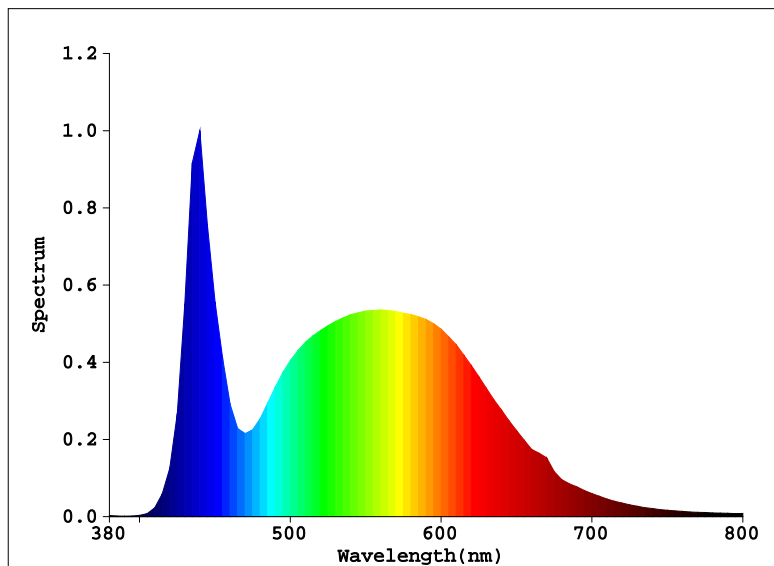
PMT: 20.4 centigrade [20.8]

Product Type:T8-NAC120,17W
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:2012-02-25 10:13:23
Instrument:PMS-50SSA_V1 (SN:1007074)

FOBSUN ELECTRONICS INC.

Light Source Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.3251$ $y=0.3419$ $u'=0.2015$ $v'=0.4769$

$T_c=5829K$ Dominant WL: $L_d=506.1nm$ Purity: 2.5% Centroid WL: 543.0nm

Ratio: R=15.2% G=80.5% B=4.3% Peak WL: $L_p=440.0nm$ HWL: 22.8nm

Render Index: $R_a=80.7$

R1 =79 R2 =83 R3 =87 R4 =82 R5 =82 R6 =80 R7 =84

R8 =68 R9 =2 R10=61 R11=84 R12=71 R13=79 R14=93 R15=73

Photo Parameters:

Flux: 1534.1 lm Fe: 4.9618 W Efficacy: 89.05 lm/W

LEVEL: OUT WHITE: OUT

Electrical Parameters:

Luminaire: U=218.8V I=0.08562A P=17.23W PF=0.9196

Instrument Status:

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

REF=23797(R=3)

%=-0.177%

$I_p=31892(G=4, D=44)$

PMT: 21.1 centigrade [21.0]

Product Type: T8-AF120,17W
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: 2012-02-25 10:36:30
Instrument: PMS-50SSA_V1 (SN:1007074)