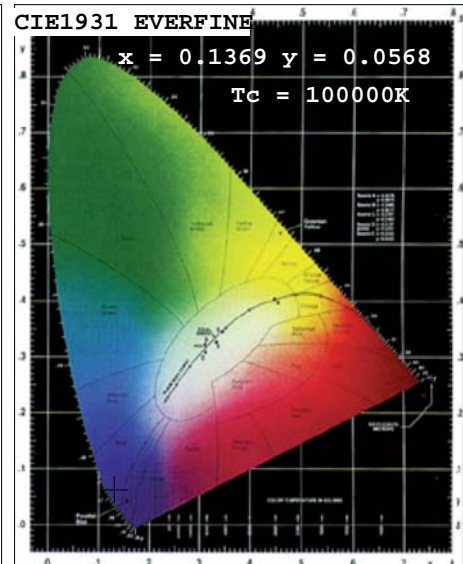
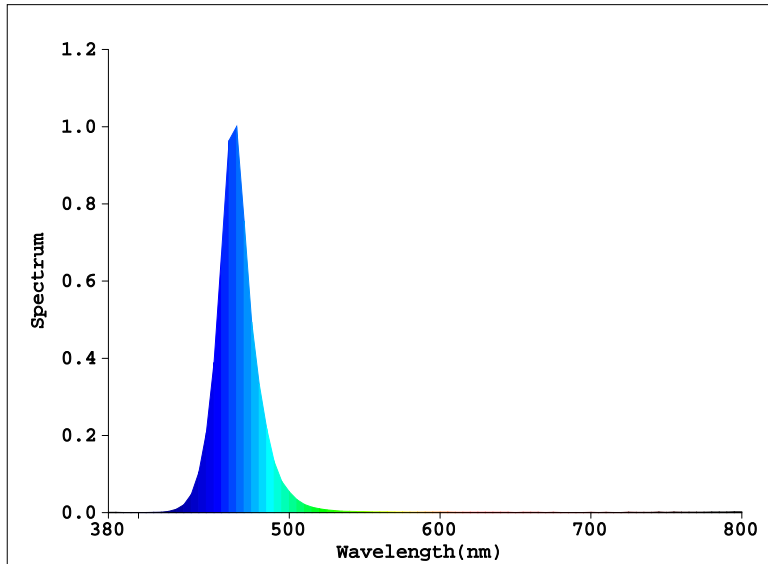


Light Source Test Report

**Color Parameters:**

Chromaticity Coordinate: $x=0.1369$ $y=0.0568$

Chromaticity Coordinate: $u'=0.1606$ $v'=0.1500$ ($duv=1.67e-01$)

$T_c=100000K$ Dominant WL: $L_d=467.5nm$ Purity=96.8% Centroid WL: 464.0nm

Ratio: R=0.7% G=17.2% B=82.1% Peak WL: $L_p=465.0nm$ HWL: 22.9nm

Render Index: $R_a=-48.6$

R1 = -11 R2 = -40 R3 = -133 R4 = -82 R5 = 6 R6 = -49 R7 = -44

R8 = -35 R9 = -267 R10 = -216 R11 = -112 R12 = -98 R13 = -29 R14 = -28 R15 = 3

Photo Parameters:

Flux: 34.644 lm Fe: 0.52926 W Efficacy: 13.32 lm/W

Electrical Parameters:

Luminaire: U=110.0V I=0.02500A P=2.600W PF=1.000

Instrument Status:

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

REF=2767(R=4)

%=-0.038%

$I_p=25949(G=4, D=58)$

PMT: 28.8 centigrade [29.4]

31468-1M

Product Type: 5050-RGB-110V

Number: B

Temperature: 25.3 deg

Test Operator:

Software: V2.00.122

Manufacturer:

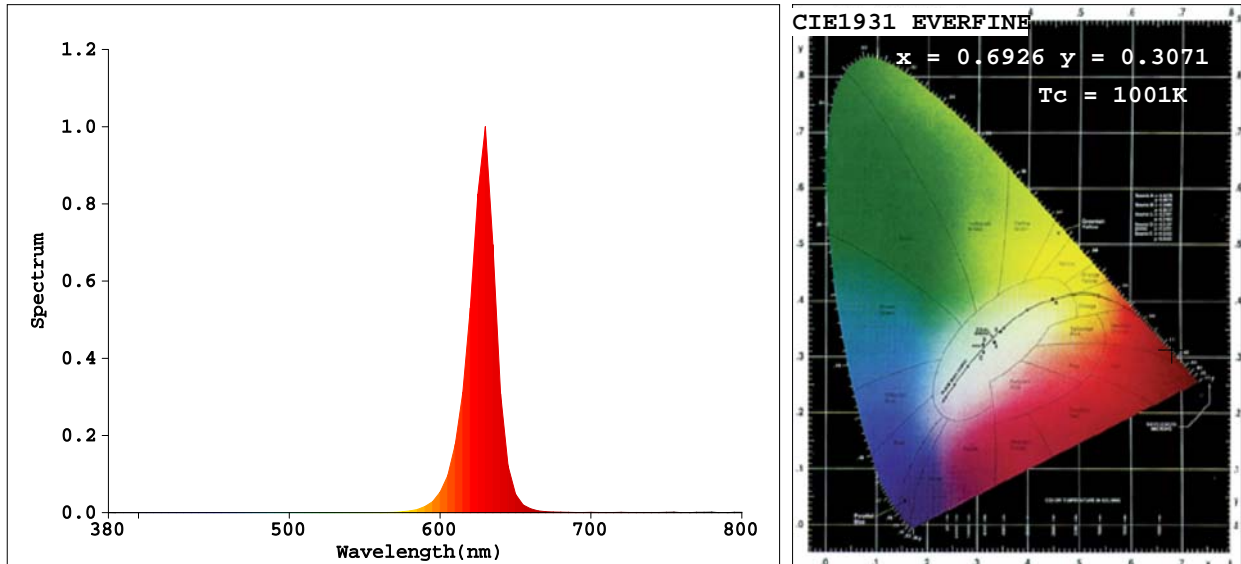
Test Department:

Humidity: 90.2%

Test Date: 2020-07-20 14:13:02

Instrument: PMS-80_V1 (SN: YG107113N11110076)

Light Source Test Report

**Color Parameters:**

Chromaticity Coordinate: $x=0.6926$ $y=0.3071$

Chromaticity Coordinate: $u'=0.5227$ $v'=0.5215$ ($duv=-7.52e-02$)

$T_c=1001K$ Dominant WL: $L_d=620.6nm$ Purity=100.0% Centroid WL: $628.0nm$

Ratio: $R=96.4\%$ $G=3.6\%$ $B=0.0\%$ Peak WL: $L_p=630.0nm$ HWL: $18.2nm$

Render Index: $R_a=13.8$

$R_1 = 6$ $R_2 = 78$ $R_3 = 30$ $R_4 = -28$ $R_5 = 0$ $R_6 = 89$ $R_7 = 5$

$R_8 = -71$ $R_9 = -224$ $R_{10} = 71$ $R_{11} = -16$ $R_{12} = 79$ $R_{13} = 29$ $R_{14} = 59$ $R_{15} = -34$

Photo Parameters:

Flux: 57.665 lm $F_e = 0.27329$ W Efficacy: 26.21 lm/W

Electrical Parameters:

Luminaire: $U=110.0V$ $I=0.02000A$ $P=2.200W$ $PF=1.000$

Instrument Status:

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

REF=6125(R=4)

%=0.050%

$I_p=16211(G=5, D=61)$

PMT: 29.0 centigrade [29.5]

31468-1M

Product Type: 5050-RGB-110V

Number: R

Temperature: 25.3 deg

Test Operator:

Software: V2.00.122

Manufacturer:

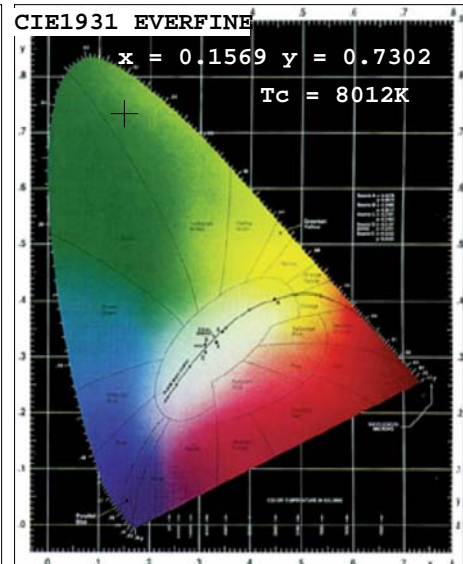
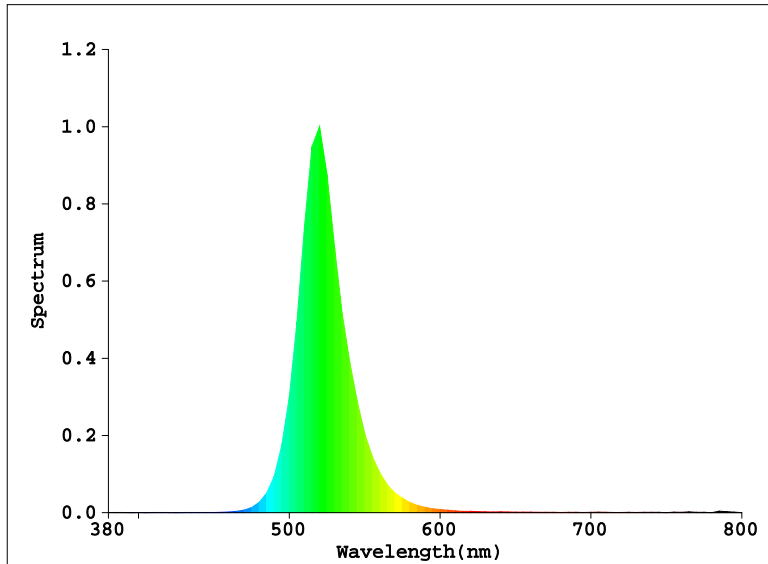
Test Department:

Humidity: 90.2%

Test Date: 2020-07-20 14:15:18

Instrument: PMS-80_V1 (SN: YG107113N11110076)

Light Source Test Report

**Color Parameters:**

Chromaticity Coordinate: $x=0.1569$ $y=0.7302$

Chromaticity Coordinate: $u'=0.0548$ $v'=0.5740$ ($duv=1.62e-01$)

$T_c=8012K$ Dominant WL: $L_d=525.0nm$ Purity=80.5% Centroid WL: $522.0nm$

Ratio: $R=0.3\%$ $G=98.1\%$ $B=1.6\%$ Peak WL: $L_p=520.0nm$ HWL: $30.6nm$

Render Index: $R_a=-27.2$

$R_1=-36$ $R_2=-11$ $R_3=-28$ $R_4=-67$ $R_5=-10$ $R_6=-19$ $R_7=-12$

$R_8=-34$ $R_9=-357$ $R_{10}=-113$ $R_{11}=-96$ $R_{12}=-36$ $R_{13}=-42$ $R_{14}=36$ $R_{15}=-33$

Photo Parameters:

Flux: 162.77 lm $F_e=0.34243$ W Efficacy: 62.61 lm/W

Electrical Parameters:

Luminaire: $U=110.0V$ $I=0.02500A$ $P=2.600W$ $PF=1.000$

Instrument Status:

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

REF=14715($R=4$)

$\%=0.027\%$

$I_p=24522(G=5, D=61)$

PMT: 29.1 centigrade [29.5]

31468-1M

Product Type: $5050-RGB-110V$

Number: G

Temperature: 25.3 deg

Test Operator:

Software: $V2.00.122$

Manufacturer:

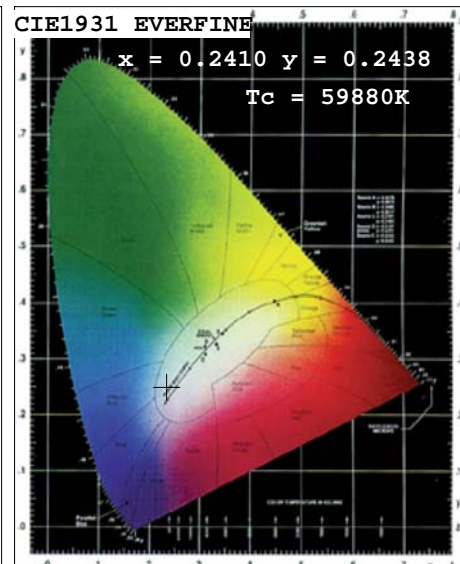
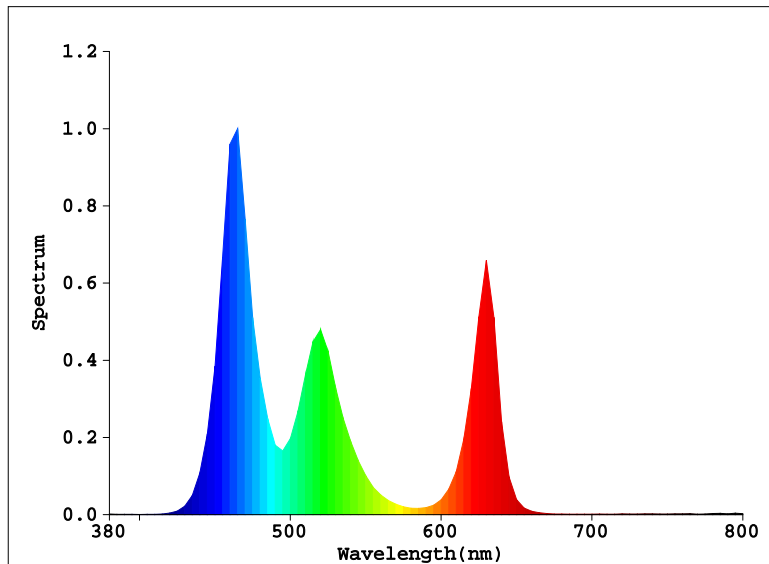
Test Department:

Humidity: 90.2%

Test Date: $2020-07-20$ $14:17:38$

Instrument: $PMS-80_V1$ (SN: $YG107113N11110076$)

Light Source Test Report

**Color Parameters:**

Chromaticity Coordinate: $x=0.2410$ $y=0.2438$

Chromaticity Coordinate: $u'=0.1771$ $v'=0.4031$ ($duv=4.15e-03$)

$T_c=59880K$ Dominant WL: $L_d=477.5nm$ Purity=39.7% Centroid WL: $505.0nm$

Ratio: R=22.0% G=65.2% B=12.7% Peak WL: $L_p=465.0nm$ HWL: $23.3nm$

Render Index: $R_a=46.9$

R1 =29 R2 =57 R3 =72 R4 =50 R5 =52 R6 =57 R7 =57

R8 =0 R9 =-221 R10=-1 R11=39 R12=60 R13=32 R14=79 R15=9

Photo Parameters:

Flux: 250.09 lm F_e : 1.1499 W Efficacy: 33.35 lm/W

Electrical Parameters:

Luminaire: U=110.0V I=0.07200A P=7.500W PF=1.000

Instrument Status:

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

REF=22920(R=4)

%=-0.026%

$I_p=25381(G=4, D=58)$

PMT: 29.3 centigrade [29.5]

31468-1M

Product Type: 5050-RGB-110V

Number: RGB

Temperature: 25.3 deg

Test Operator:

Software: V2.00.122

Manufacturer:

Test Department:

Humidity: 90.2%

Test Date: 2020-07-20 14:19:48

Instrument: PMS-80_V1 (SN: YG107113N11110076)