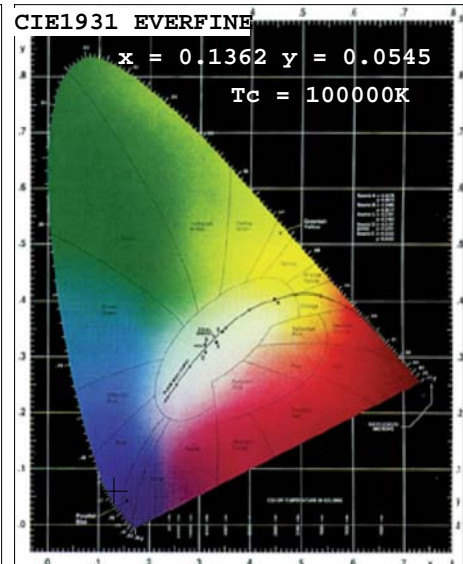
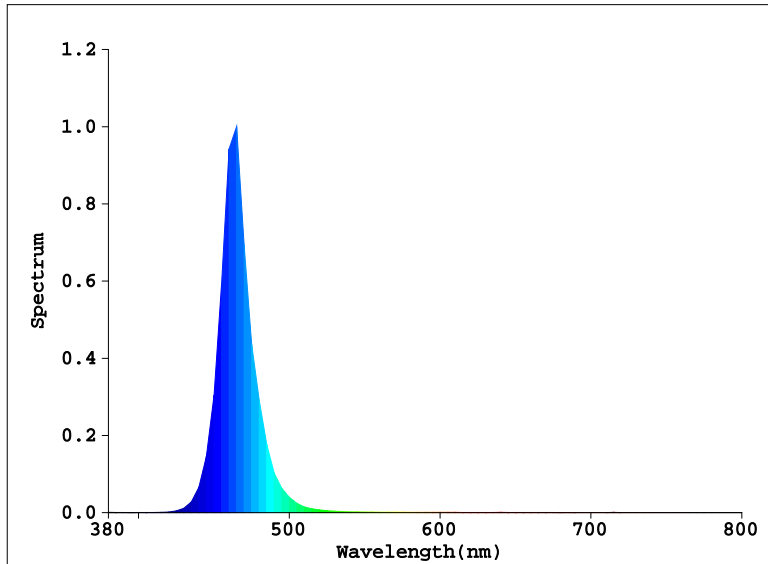


## Light Source Test Report

**Color Parameters:**

Chromaticity Coordinate:  $x=0.1362$   $y=0.0545$

Chromaticity Coordinate:  $u'=0.1611$   $v'=0.1450$  ( $duv=1.70e-01$ )

$T_c=100000K$  Dominant WL:  $L_d=467.3nm$  Purity=97.3% Centroid WL: 464.0nm

Ratio: R=0.5% G=14.0% B=85.5% Peak WL:  $L_p=465.0nm$  HWL: 20.4nm

Render Index:  $R_a=-53.1$

R1 = -15 R2 = -47 R3 = -141 R4 = -85 R5 = 3 R6 = -55 R7 = -49

R8 = -37 R9 = -277 R10 = -234 R11 = -114 R12 = -106 R13 = -35 R14 = -32 R15 = -1

**Photo Parameters:**

Flux: 76.245 lm Fe: 1.2000 W Efficacy: 15.14 lm/W

**Electrical Parameters:**

Lamp : U=24.00V I=0.2098A P=5.035W PF=1.000

**Instrument Status:**

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

REF=6064(R=4)

%=0.017%

$I_p=13181(G=3, D=58)$

PMT: 28.3 centigrade [29.0]

Product Type: 2835RGB+2110

Number: B

Temperature: 25.3 deg

Test Operator:

Software: V2.00.122

Manufacturer:

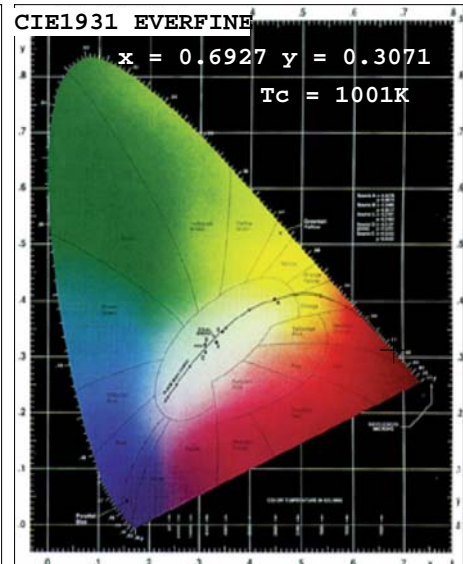
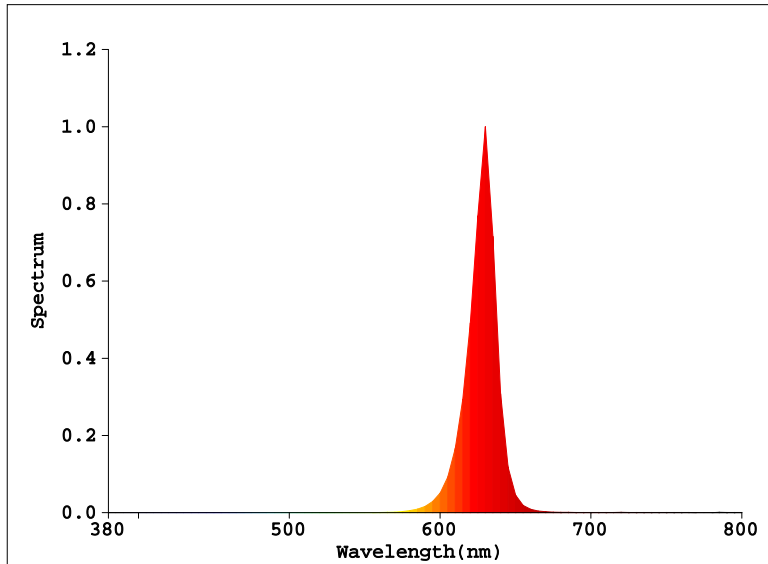
Test Department:

Humidity: 90.2%

Test Date: 2020-06-03 09:06:21

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

## Light Source Test Report

**Color Parameters:**

Chromaticity Coordinate:  $x=0.6927$   $y=0.3071$

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:  $R=96.1\%$   $G=3.9\%$   $B=0.0\%$  Peak WL:  $L_p=630.0nm$  HWL:  $17.5nm$

Render Index:  $R_a=15.1$

$R_1 = 7$        $R_2 = 78$        $R_3 = 32$        $R_4 = -26$        $R_5 = 2$        $R_6 = 89$        $R_7 = 7$

$R_8 = -68$        $R_9 = -219$        $R_{10} = 71$        $R_{11} = -15$        $R_{12} = 79$        $R_{13} = 30$        $R_{14} = 60$        $R_{15} = -32$

**Photo Parameters:**

Flux:  $95.212$  lm       $F_e = 0.45353$  W      Efficacy:  $20.68$  lm/W

**Electrical Parameters:**

Lamp :  $U=24.00V$   $I=0.1918A$   $P=4.603W$   $PF=1.000$

**Instrument Status:**

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

REF=10350( $R=4$ )

$\%=-0.088\%$

$I_p=26017(G=5, D=61)$

PMT:  $28.4$  centigrade [ $29.0$ ]

Product Type: 2835RGB+2110

Number: R

Temperature:  $25.3$  deg

Test Operator:

Software: V2.00.122

Manufacturer:

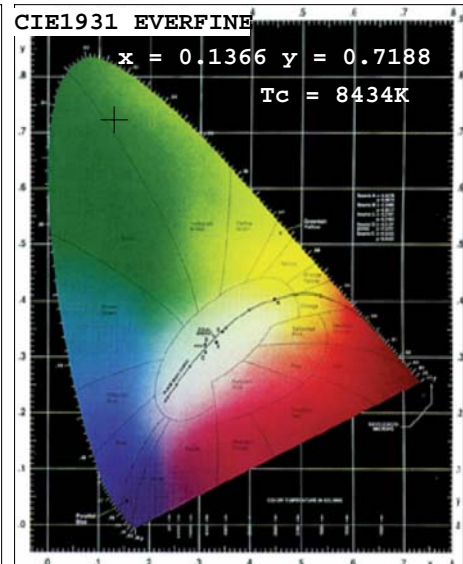
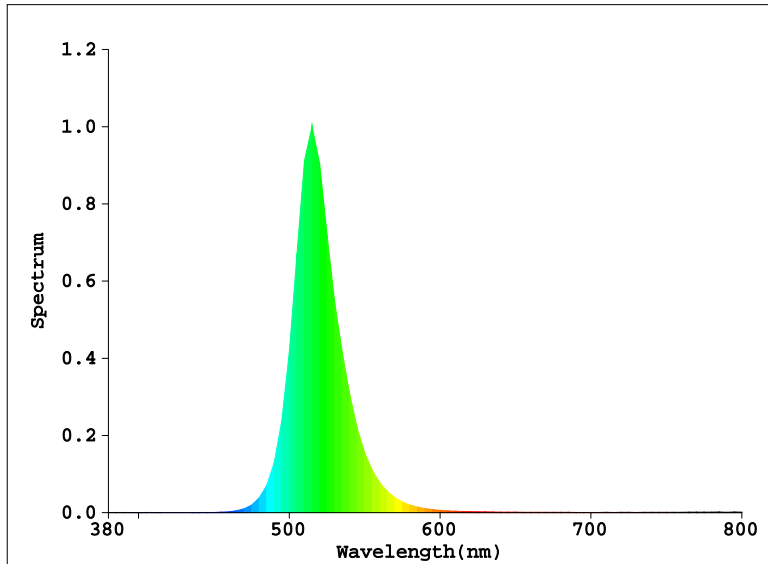
Test Department:

Humidity:  $90.2\%$

Test Date: 2020-06-03 09:07:54

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

## Light Source Test Report

**Color Parameters:**

Chromaticity Coordinate:  $x=0.1366$   $y=0.7188$

Chromaticity Coordinate:  $u'=0.0481$   $v'=0.5699$  ( $duv=1.66e-01$ )

$T_c=8434K$  Dominant WL:  $L_d=520.5nm$  Purity=77.0% Centroid WL: 518.0nm

Ratio: R=0.3% G=97.4% B=2.3% Peak WL:  $L_p=515.0nm$  HWL: 30.2nm

Render Index:  $R_a=-27.5$

R1 =-36 R2 =-11 R3 =-31 R4 =-67 R5 =-9 R6 =-21 R7 =-13

R8 =-33 R9 =-354 R10=-114 R11=-95 R12=-36 R13=-43 R14=35 R15=-32

**Photo Parameters:**

Flux: 349.02 lm Fe: 0.78839 W Efficacy: 73.52 lm/W

**Electrical Parameters:**

Lamp : U=24.00V I=0.1978A P=4.747W PF=1.000

**Instrument Status:**

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

REF=32212(R=4)

%=0.003%

$I_p=57097$  (G=5, D=61)

PMT: 28.7 centigrade [29.0]

Product Type: 2835RGB+2110

Number: G

Temperature: 25.3 deg

Test Operator:

Software: V2.00.122

Manufacturer:

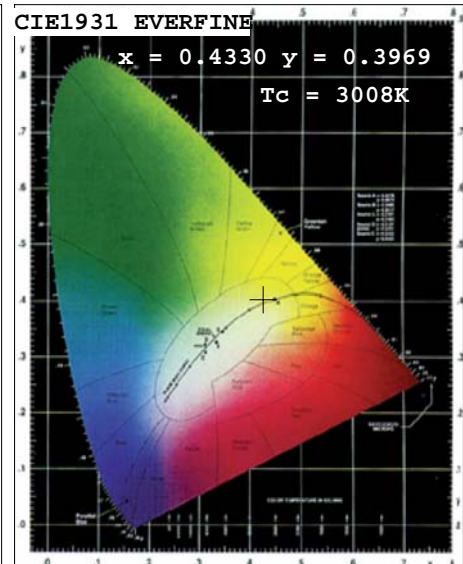
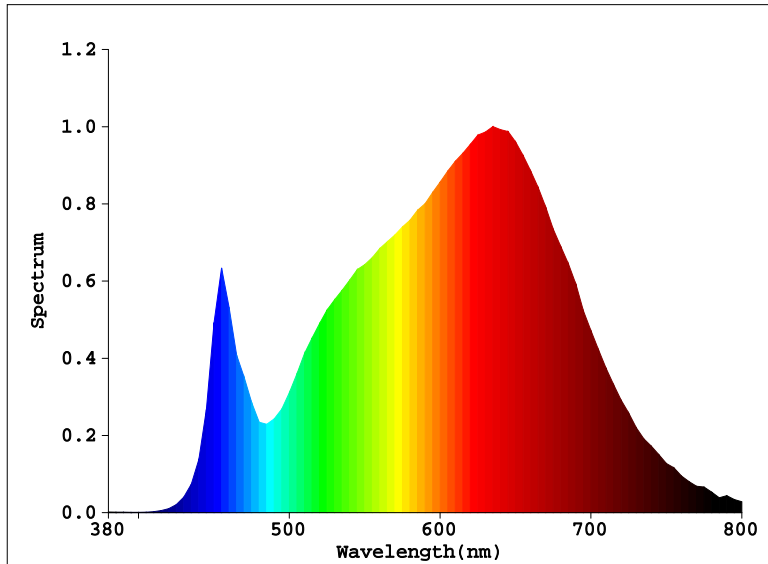
Test Department:

Humidity: 90.2%

Test Date: 2020-06-03 09:09:17

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

## Light Source Test Report



## Color Parameters:

Chromaticity Coordinate:  $x=0.4330$   $y=0.3969$

Chromaticity Coordinate:  $u'=0.2511$   $v'=0.5179$  ( $duv=-2.36e-03$ )

$T_c=3008K$  Dominant WL:  $L_d=583.7nm$  Purity=49.1% Centroid WL: 610.0nm

Ratio: R=26.0% G=71.3% B=2.7% Peak WL:  $L_p=635.0nm$  HWL: 175.7nm

Render Index:  $R_a=95.2$

R1 =96 R2 =98 R3 =96 R4 =95 R5 =95 R6 =95 R7 =96

R8 =92 R9 =82 R10=92 R11=94 R12=76 R13=97 R14=97 R15=96

## Photo Parameters:

Flux: 323.13 lm Fe: 1.2298 W Efficacy: 70.97 lm/W

## Electrical Parameters:

Lamp : U=24.00V I=0.1897A P=4.553W PF=1.000

## Instrument Status:

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

REF=32592(R=4)

%=0.009%

$I_p=17037(G=5, D=61)$

PMT: 28.4 centigrade [29.1]

Product Type: 2835RGB+2110

Number: W

Temperature: 25.3 deg

Test Operator:

Software: V2.00.122

Manufacturer:

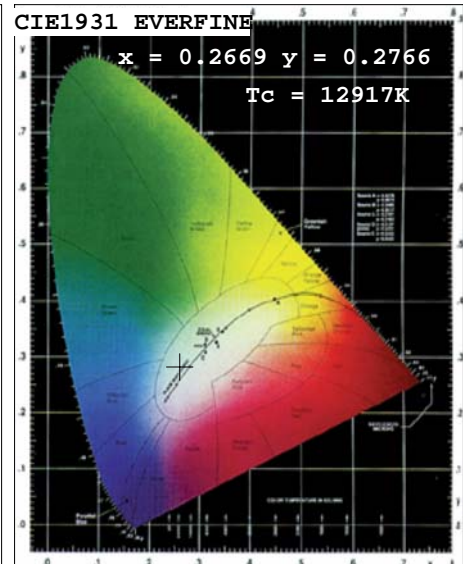
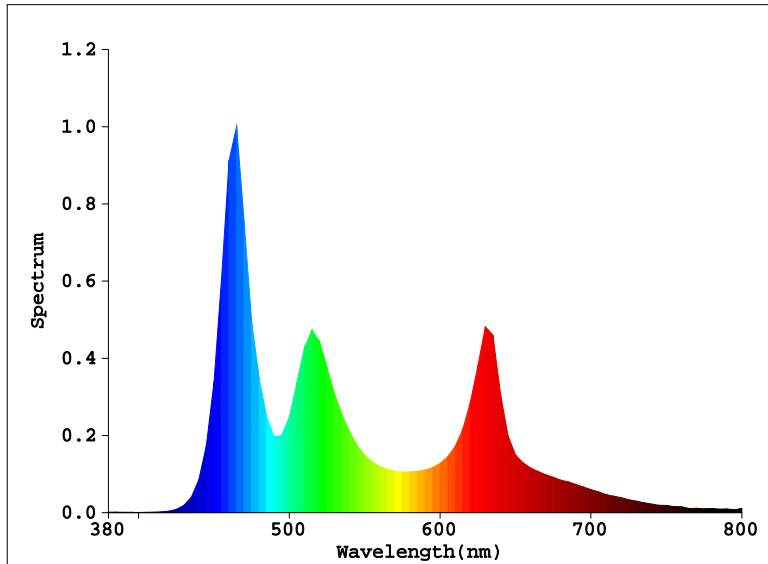
Test Department:

Humidity: 90.2%

Test Date: 2020-06-03 09:20:29

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

## Light Source Test Report

**Color Parameters:**

Chromaticity Coordinate:  $x=0.2669$   $y=0.2766$

Chromaticity Coordinate:  $u'=0.1846$   $v'=0.4303$  ( $duv=2.67e-03$ )

$T_c=12917K$  Dominant WL:  $L_d=479.6nm$  Purity=27.6% Centroid WL: 519.0nm

Ratio: R=19.9% G=69.6% B=10.4% Peak WL:  $L_p=465.0nm$  HWL: 21.9nm

Render Index:  $R_a=61.8$

R1 =51    R2 =68    R3 =80    R4 =64    R5 =64    R6 =65    R7 =68

R8 =34    R9 =-105    R10=23    R11=57    R12=61    R13=52    R14=86    R15=40

**Photo Parameters:**

Flux: 830.03 lm     $F_e$ : 3.6765 W Efficacy: 43.66 lm/W

**Electrical Parameters:**

Lamp : U=24.00V I=0.7921A P=19.01W PF=1.000

**Instrument Status:**

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

REF=8016(R=3)

%=-0.076%

$I_p=13718$  (G=3, D=56)

PMT: 28.6 centigrade [29.0]

Product Type: 2835RGB+2110

Number: BRGW

Temperature: 25.3 deg

Test Operator:

Software: V2.00.122

Manufacturer:

Test Department:

Humidity: 90.2%

Test Date: 2020-06-03 09:22:16

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