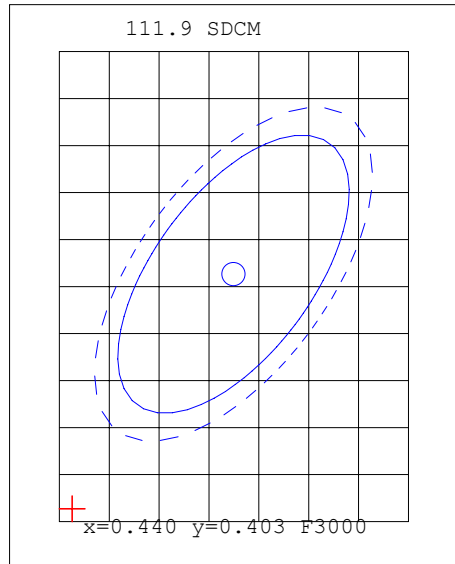
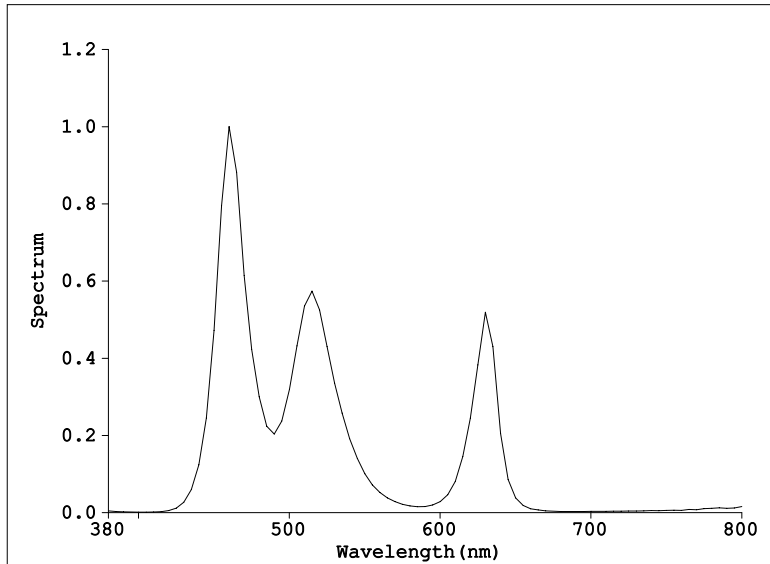


### Light Source Test Report



#### Color Parameters:

Chromaticity Coordinate:  $x=0.2171$  ( $dx=-0.0255$ )  $y=0.2532$  ( $dy=0.0151$ )

Chromaticity Coordinate:  $u'=0.1550$   $v'=0.4066$  ( $duv=2.62e-02$ )

Tc=100000K Dominant WL:Ld=482.2nm Purity=46.2% Centroid WL:504.0nm

Ratio:R=16.5% G=71.4% B=12.1% Peak WL:Lp=460.0nm HWL:22.6nm

Render Index:Ra=67.1

R1 =65 R2 =72 R3 =71 R4 =81 R5 =80 R6 =68 R7 =65

R8 =36 R9 =-117 R10=28 R11=62 R12=67 R13=59 R14=80 R15=48

#### Photo Parameters:

Flux: 512.44 lm Fe: 2.3131 W Efficacy:12.37 lm/W

WHITE:OUT

#### Electrical Parameters:

Lamp : U=230.0V I=0.1857A P=41.42W PF=0.9699

Instrument Status:

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

Ip=24647(G=3,D=52)

REF=17264(R=3)

%=-0.076%

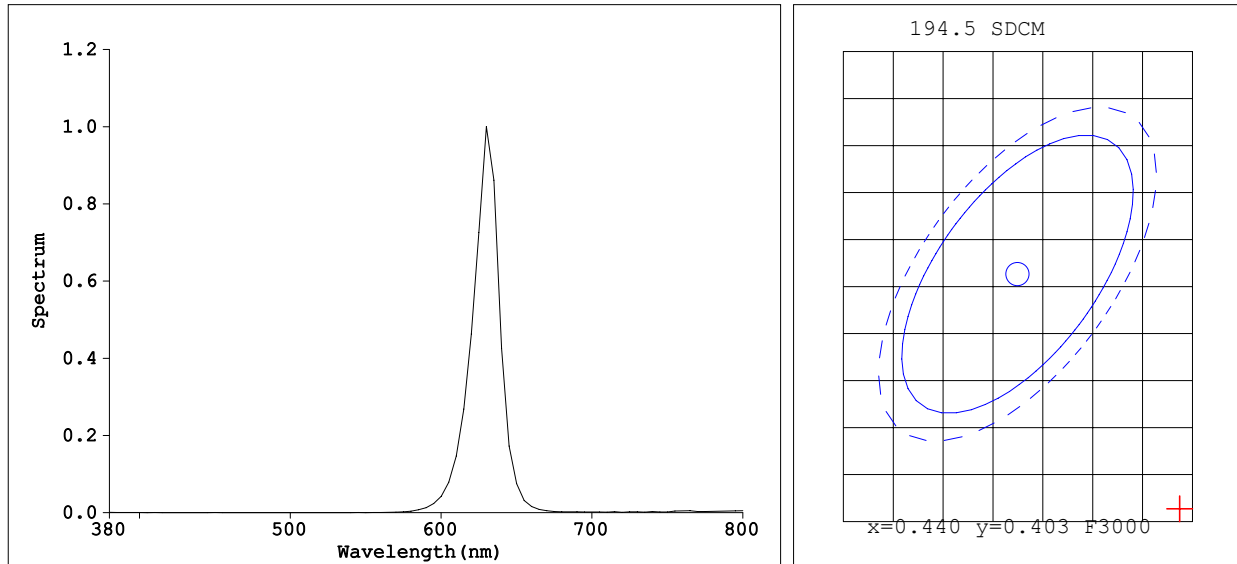
PMT: 27.1 centigrade [25.7]

**LED strip 5050RGB-IP65 60\*SMD5050 RGB DC12V W145411A001**

Product Type:STRIP LED 60xSMD5050  
 RGB  
 Number:A001  
 Temperature:25.8 deg  
 Test Operator:WR  
 Software:V3.00.133

Manufacturer  
 Test Departm  
 Humidity:55%  
 Test Dat :2013-12-20  
 Instrument:PMS-80\_V1 (SN:G107113CN1321130)

### Light Source Test Report


**Color Parameters:**

Chromaticity Coordinate:  $x=0.6949$  ( $dx=0.0422$ )  $y=0.3044$  ( $dy=-0.0401$ )  
 Chromaticity Coordinate:  $u'=0.5281$   $v'=0.5205$  ( $duv=-8.06e-02$ )  
 Tc=1001K Dominant WL:Ld=622.1nm Purity=99.8% Centroid WL:630.0nm  
 Ratio:R=96.7% G=3.3% B=0.0% Peak WL:Lp=630.0nm HWL:18.4nm  
 Render Index:Ra=15.2  
 R1 =8      R2 =78      R3 =31      R4 =-26      R5 =2      R6 =90      R7 =6  
 R8 =-69    R9 =-222    R10=72      R11=-13    R12=79      R13=30      R14=60      R15=-33

**Photo Parameters:**

Flux: 98.355 lm    Fe: 0.50164 W Efficacy:4.883 lm/W  
 WHITE:OUT

**Electrical Parameters:**

Lamp : U=230.0V I=0.09754A P=20.14W PF=0.8977

*Instrument Status:*

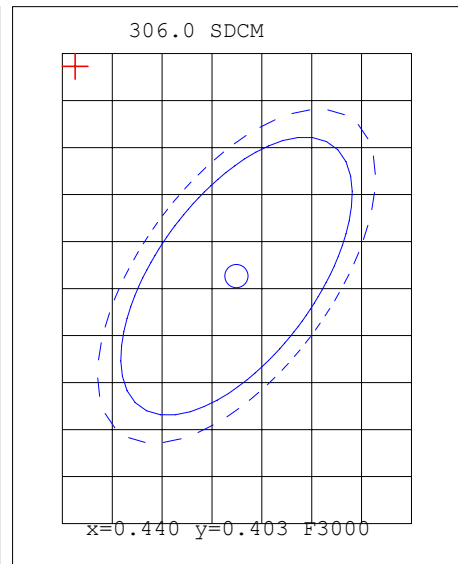
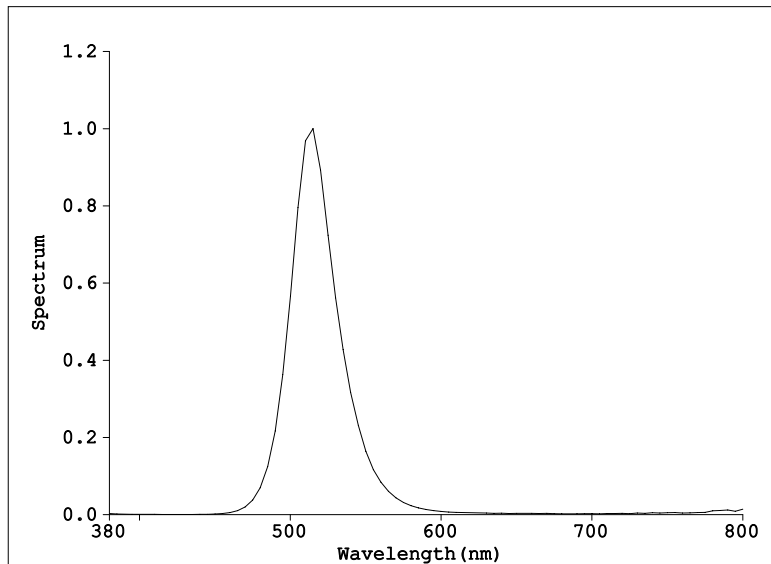
Scan Range:380.0nm-800.0nm    Interval:5.0nm[0]    Ip=3642 (G=3,D=52)  
 REF=3706(R=3)    %=0.167%    PMT: 27.2 centigrade [26.6]

**LED strip 5050RGB-IP65 60\*SMD5050 RGB DC12V R145411A001**

Product Type:STRIP LED 60xSMD5050  
 RGB  
 Number:A001  
 Temperature:25.8 deg  
 Test Operator:WR  
 Software:V3.00.133

Manufacturer:  
 Test  
 Humidity:55%  
 Test Dat :2013-12-20  
 Instrument:PMS-80\_V1 (SN:G107113CN1321130)

## Light Source Test Report



### Color Parameters:

Chromaticity Coordinate:  $x=0.1364$  ( $dx=-0.1535$ )  $y=0.6937$  ( $dy=0.3948$ )

Chromaticity Coordinate:  $u'=0.0494$   $v'=0.5649$  ( $duv=1.63e-01$ )

Tc=8615K Dominant WL:Ld=518.3nm Purity=72.5% Centroid WL:517.0nm

Ratio:R=0.4% G=96.0% B=3.6% Peak WL:Lp=515.0nm HWL:33.9nm

Render Index:Ra=-22.1

R1 =-33 R2 =-6 R3 =-21 R4 =-61 R5 =-7 R6 =-15 R7 =-6

R8 =-29 R9 =-343 R10=-101 R11=-87 R12=-28 R13=-39 R14=40 R15=-29

### Photo Parameters:

Flux: 435.22 lm Fe: 1.0423 W Efficacy:21.85 lm/W

WHITE:OUT

### Electrical Parameters:

Lamp : U=230.0V I=0.09664A P=19.92W PF=0.8960

Instrument Status:

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

$I_p=12056$  (G=3,D=52)

REF=14438 (R=3)

%=-0.007%

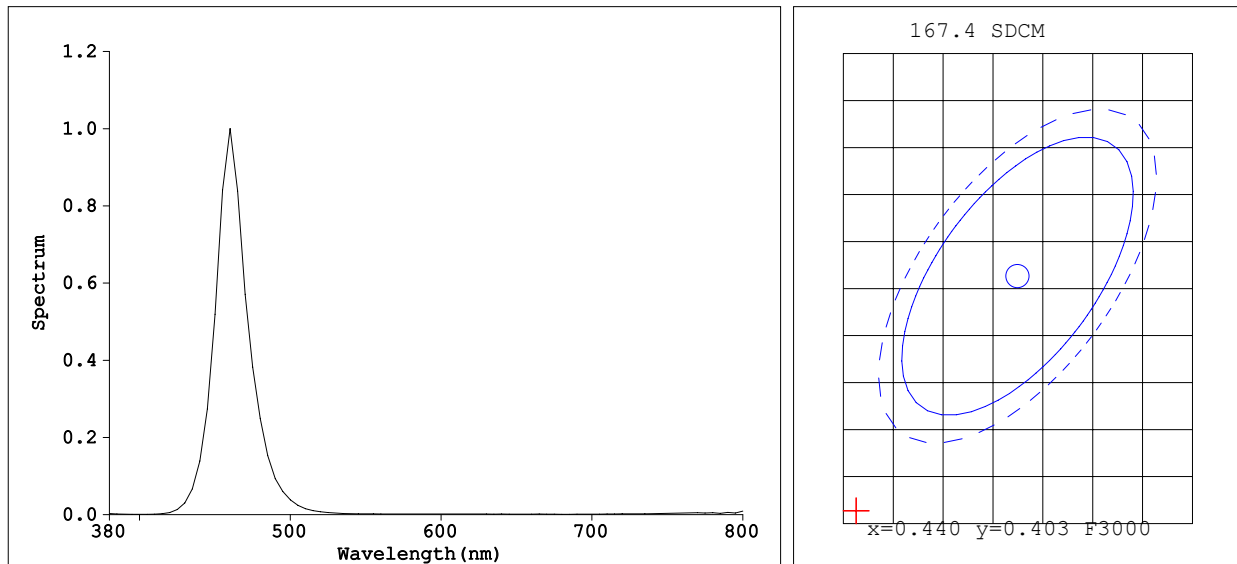
PMT: 27.2 centigrade [26.8]

**LED strip 5050RGB-IP65 60\*SMD5050 RGB DC12V G145411A001**

Product Type:STRIP LED 60xSMD5050  
 RGB  
 Number:A001  
 Temperature:25.8 deg  
 Test Operator:WR  
 Software:V3.00.133

Manufacturer  
 Test  
 Humidity:55%  
 Test Dat :2013-12-20  
 Instrument:PMS-80\_V1 (SN:G107113CN1321130)

### Light Source Test Report


**Color Parameters:**

Chromaticity Coordinate:  $x=0.1416$  ( $dx=-0.1010$ )  $y=0.0484$  ( $dy=-0.1897$ )  
 Chromaticity Coordinate:  $u'=0.1718$   $v'=0.1321$  ( $duv=1.78e-01$ )  
 Tc=100000K Dominant WL:Ld=464.9nm Purity=97.0% Centroid WL:462.0nm  
 Ratio:R=1.3% G=15.5% B=83.2% Peak WL:Lp=460.0nm HWL:22.3nm  
 Render Index:Ra=-49.3  
 R1 =-4 R2 =-41 R3 =-142 R4 =-84 R5 =10 R6 =-50 R7 =-48  
 R8 =-35 R9 =-236 R10=-221 R11=-112 R12=-103 R13=-24 R14=-31 R15=9

**Photo Parameters:**

Flux: 85.837 lm Fe: 1.4856 W Efficacy:5.121 lm/W  
 WHITE:OUT

**Electrical Parameters:**

Lamp : U=230.0V I=0.08410A P=16.76W PF=0.8666

*Instrument Status:*

Scan Range:380.0nm-800.0nm Interval:5.0nm[0]  $I_p=34767$  ( $G=3, D=52$ )  
 REF=28101 (R=4)  $\%=-0.021\%$  PMT: 27.2 centigrade [26.7]

**LED strip 5050RGB-IP65 60\*SMD5050 RGB DC12V B145411A001**

Product Type:STRIP LED 60xSMD5050  
 RGB  
 Number:A001  
 Temperature:25.8 deg  
 Test Operator:WR  
 Software:V3.00.133

Manufacturer:  
 Test p  
 Humidity:55%  
 Test Dat :2013-12-20  
 Instrument:PMS-80\_V1 (SN:G107113CN1321130)