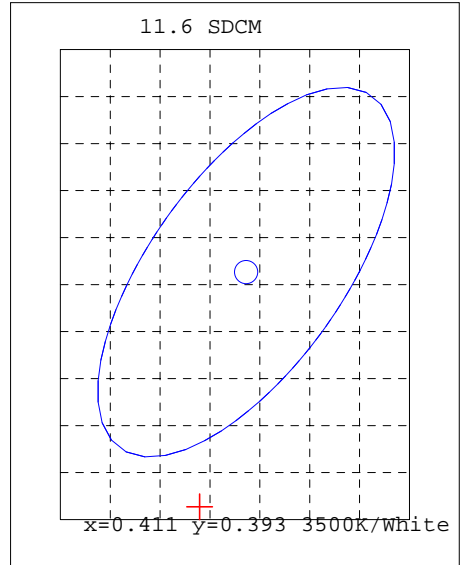
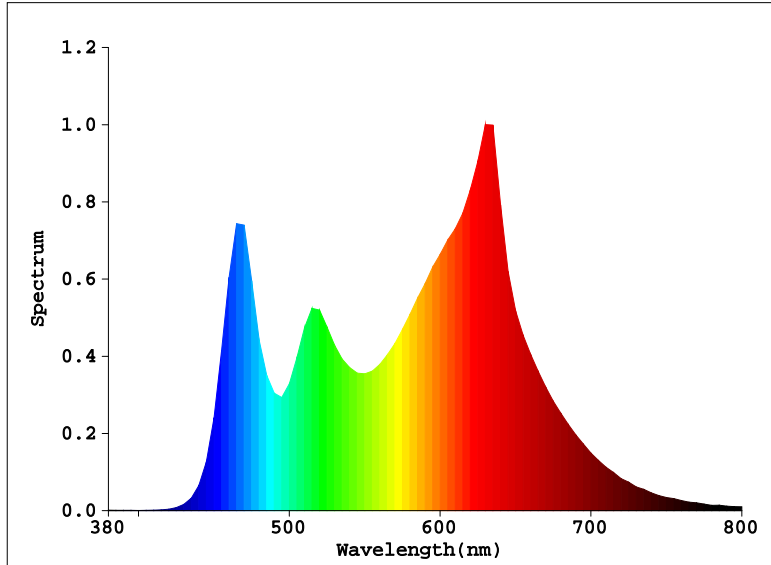


**5050RGB+W-60D-24V-1M 12MM**

**Light Source Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.4070(dx=-0.0131)$   $y=0.3669(dy=-0.0307)$

Chromaticity Coordinate:  $u'=0.2471$   $v'=0.5012(duv=-1.11e-02)$

Tc=3251K Dominant WL:Ld=587.8nm Purity=32.2% Centroid WL:591.0nm

Ratio:R=28.2% G=66.9% B=4.9% Peak WL:Lp=630.0nm HWL:72.5nm

Render Index:Ra=80.1

R1 =79	R2 =80	R3 =80	R4 =85	R5 =76	R6 =65	R7 =86	
R8 =90	R9 =76	R10=54	R11=75	R12=48	R13=77	R14=90	R15=84

**Photo Parameters:**

Flux: 640.75 lm Fe: 2.3124 W Efficacy:50.46 lm/W

WHITE:OUT

**Electrical Parameters:**

Lamp : U=24.00V I=0.5291A P=12.70W PF=1.000

**Instrument Status:**

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

Ip=50632(G=5,D=62)

REF=25306(R=3)

%=-0.107%

PMT: 29.4 centigrade [150.0]

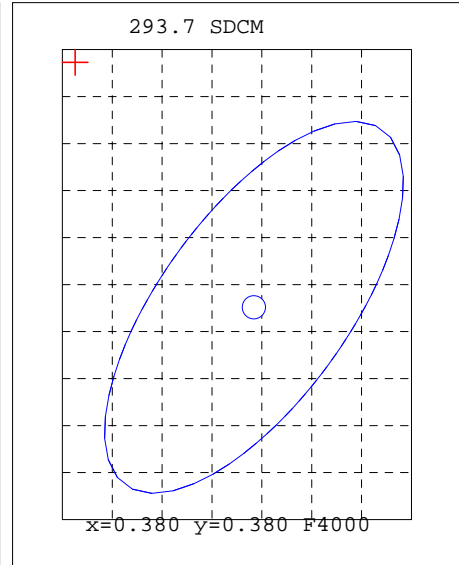
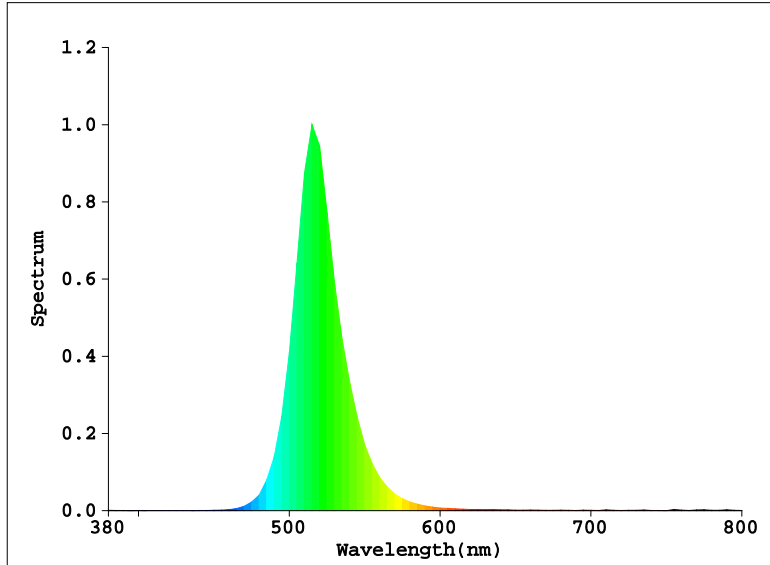
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Product Type:100360560 5050RGB+W-60D-24V-1M 12MM	Manufacturer:EVERFINE
Number:RFP-03531	Test Department:
Temperature:25.3 deg	Humidity:65.0%
Test Operator:DAMIN	Test Date:2019-10-16 10:59:24
Software:V3.00.133	Instrument:PMS-80_V1 (SN:G107113CJ1331123)

**5050RGB+W-60D-24V-1M 12MM**

**Light Source Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.1424(dx=-0.0131)$   $y=0.7171(dy=-0.0307)$   
 Chromaticity Coordinate:  $u'=0.0503$   $v'=0.5701(duv=1.64e-01)$   
 Tc=8341K Dominant WL:Ld=521.3nm Purity=76.7% Centroid WL:519.0nm  
 Ratio:R=0.3% G=97.3% B=2.4% Peak WL:Lp=515.0nm HWL:31.1nm  
 Render Index:Ra=-25.9  
 R1 =-35 R2 =-10 R3 =-27 R4 =-65 R5 =-9 R6 =-19 R7 =-11  
 R8 =-32 R9 =-352 R10=-110 R11=-93 R12=-33 R13=-42 R14=37 R15=-32

**Photo Parameters:**

Flux: 96.201 lm Fe: 0.21498 W Efficacy:49.55 lm/W  
 WHITE:OUT

**Electrical Parameters:**

Lamp : U=24.00V I=0.08090A P=1.942W PF=1.000

**Instrument Status:**

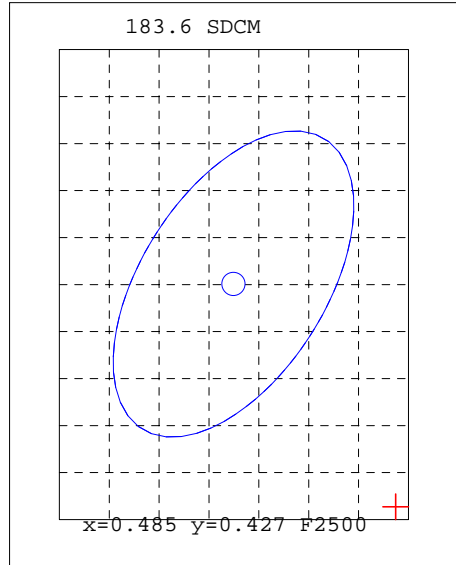
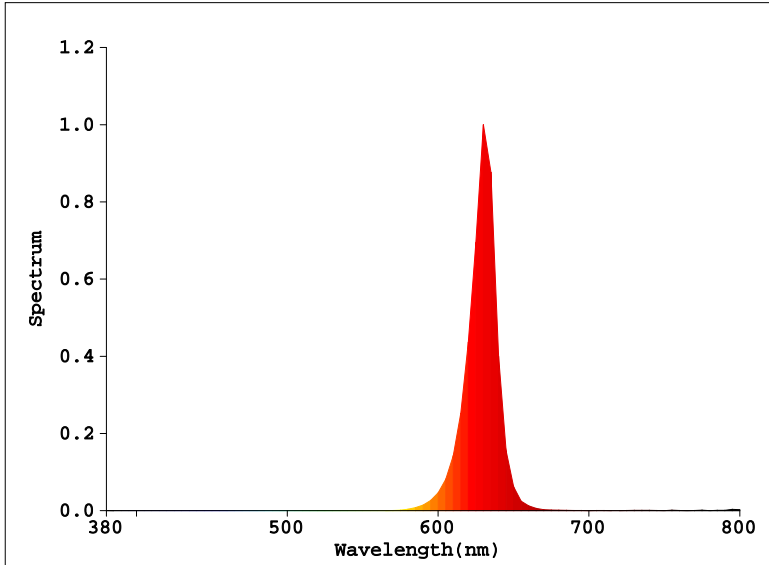
Scan Range:380.0nm-800.0nm Interval:5.0nm[0] Ip=59188(G=6,D=97)  
 REF=35881(R=4) %=0.020% PMT: 29.6 centigrade [150.0]

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Product Type:100360560 5050RGB+W-60D-24V-1M 12MM Manufacturer:EVERFINE  
 Number:RFP-03532 Test Department:  
 Temperature:25.3 deg Humidity:65.0%  
 Test Operator:DAMIN Test Date:2019-10-16 11:02:23  
 Software:V3.00.133 Instrument:PMS-80\_V1 (SN:G107113CJ1331123)

**5050RGB+W-60D-24V-1M 12MM**

**Light Source Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.6951(dx=-0.0131)$   $y=0.3045(dy=-0.0307)$   
 Chromaticity Coordinate:  $u'=0.5282$   $v'=0.5206(duv=-8.06e-02)$   
 Tc=1001K Dominant WL:Ld=622.0nm Purity=99.9% Centroid WL:630.0nm  
 Ratio:R=96.7% G=3.3% B=0.0% Peak WL:Lp=630.0nm HWL:17.7nm  
 Render Index:Ra=14.0  
 R1 =6 R2 =78 R3 =30 R4 =-28 R5 =1 R6 =89 R7 =6  
 R8 =-69 R9 =-223 R10=72 R11=-16 R12=79 R13=29 R14=59 R15=-34

**Photo Parameters:**

Flux: 34.239 lm Fe: 0.17181 W Efficacy:18.80 lm/W  
 WHITE:OUT

**Electrical Parameters:**

Lamp : U=24.00V I=0.07590A P=1.822W PF=1.000

**Instrument Status:**

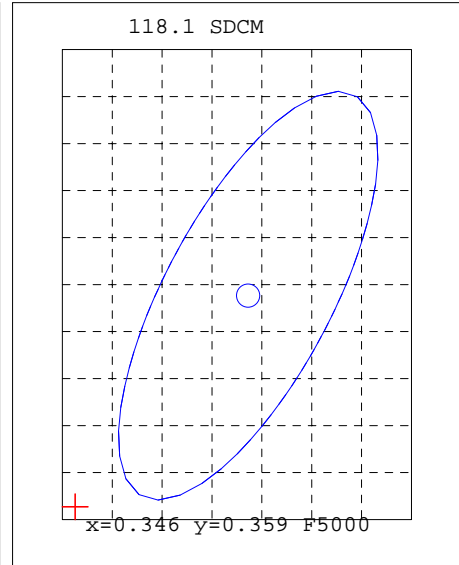
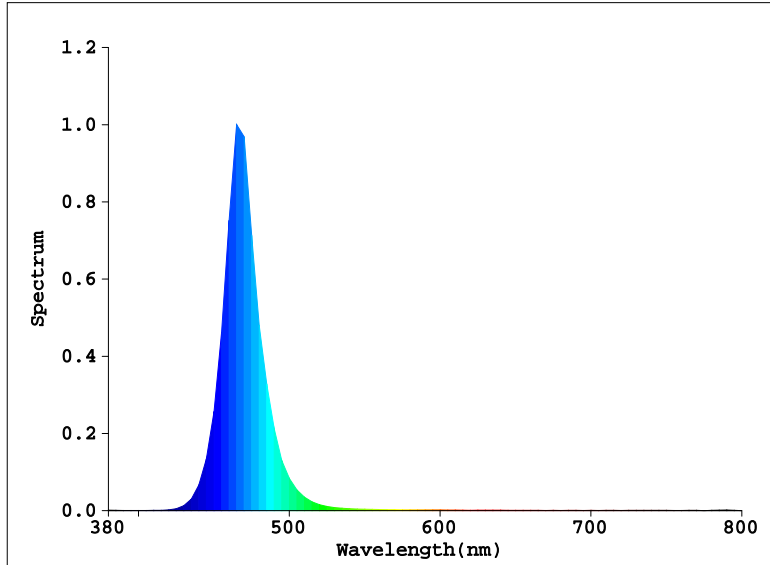
Scan Range:380.0nm-800.0nm Interval:5.0nm[0] Ip=37817(G=6,D=94)  
 REF=14848(R=4) %=0.068% PMT: 30.1 centigrade [150.0]

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Product Type:100360560 5050RGB+W-60D-24V-1M 12MM Manufacturer:EVERFINE  
 Number:RFP-03533 Test Department:  
 Temperature:25.3 deg Humidity:65.0%  
 Test Operator:DAMIN Test Date:2019-10-16 11:03:34  
 Software:V3.00.133 Instrument:PMS-80\_V1 (SN:G107113CJ1331123)

**5050RGB+W-60D-24V-1M 12MM**

**Light Source Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.1308(dx=-0.0131)$   $y=0.0741(dy=-0.0307)$   
 Chromaticity Coordinate:  $u'=0.1442$   $v'=0.1838(duv=1.48e-01)$   
 Tc=100000K Dominant WL:Ld=471.0nm Purity=95.7% Centroid WL:469.0nm  
 Ratio:R=0.8% G=21.3% B=77.9% Peak WL:Lp=465.0nm HWL:23.9nm  
 Render Index:Ra=-42.4  
 R1 =-9 R2 =-33 R3 =-121 R4 =-74 R5 =9 R6 =-43 R7 =-38  
 R8 =-31 R9 =-261 R10=-200 R11=-103 R12=-85 R13=-25 R14=-23 R15=4

**Photo Parameters:**

Flux: 26.179 lm Fe: 0.33288 W Efficacy:14.33 lm/W  
 WHITE:OUT

**Electrical Parameters:**

Lamp : U=24.00V I=0.07610A P=1.826W PF=1.000

**Instrument Status:**

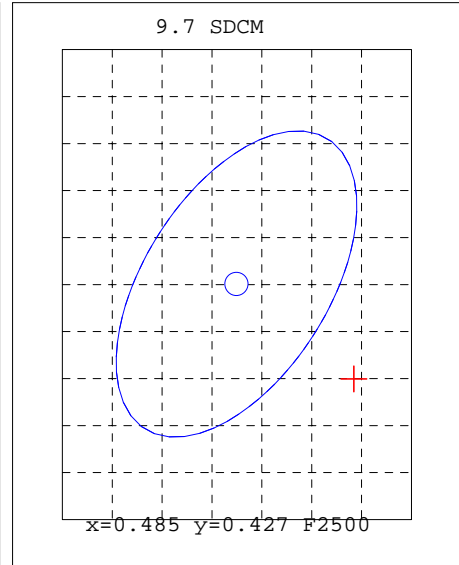
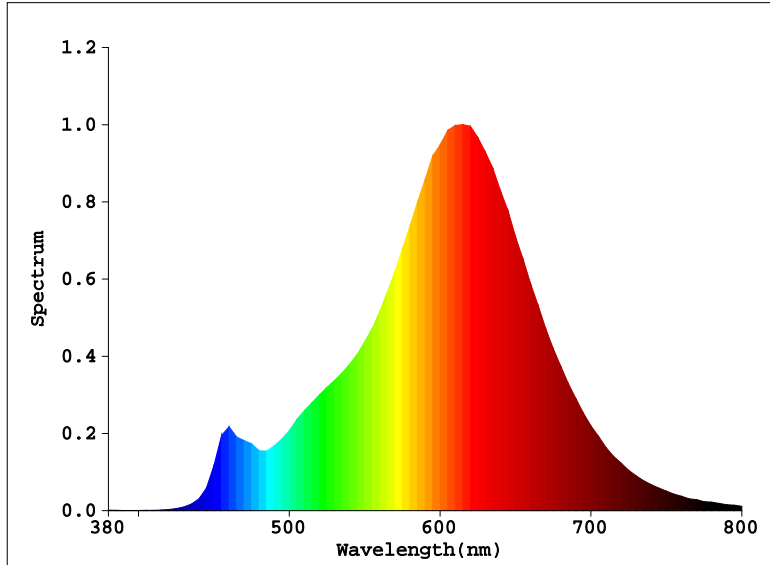
Scan Range:380.0nm-800.0nm Interval:5.0nm[0] Ip=45108(G=5,D=62)  
 REF=9712(R=4) %=-0.010% PMT: 30.2 centigrade [150.0]

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Product Type:100360560 5050RGB+W-60D-24V-1M 12MM Manufacturer:EVERFINE  
 Number:RFP-03534 Test Department:  
 Temperature:25.3 deg Humidity:65.0%  
 Test Operator:DAMIN Test Date:2019-10-16 11:05:42  
 Software:V3.00.133 Instrument:PMS-80\_V1 (SN:G107113CJ1331123)

**5050RGB+W-60D-24V-1M 12MM**

**Light Source Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.4951(dx=-0.0131)$   $y=0.4189(dy=-0.0307)$

Chromaticity Coordinate:  $u'=0.2814$   $v'=0.5358(duv=1.20e-03)$

Tc=2332K Dominant WL:Ld=586.0nm Purity=74.4% Centroid WL:608.0nm

Ratio:R=30.9% G=67.3% B=1.8% Peak WL:Lp=615.0nm HWL:109.5nm

Render Index:Ra=83.2

R1 =83	R2 =94	R3 =92	R4 =80	R5 =83	R6 =96	R7 =80	
R8 =58	R9 =15	R10=88	R11=80	R12=82	R13=85	R14=96	R15=74

**Photo Parameters:**

Flux: 500.83 lm Fe: 1.6511 W Efficacy:68.51 lm/W

WHITE:OUT

**Electrical Parameters:**

Lamp : U=24.00V I=0.3046A P=7.310W PF=1.000

**Instrument Status:**

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

Ip=16478(G=5,D=61)

REF=20054(R=3) %=-0.050%

PMT: 30.3 centigrade [150.0]

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Product Type:100360560	5050RGB+W-60D-24V-1M	Manufacturer:EVERFINE
Number:RFP-03535		Test Department:
Temperature:25.3 deg		Humidity:65.0%
Test Operator:DAMIN		Test Date:2019-10-16 11:07:10
Software:V3.00.133		Instrument:PMS-80_V1 (SN:G107113CJ1331123)