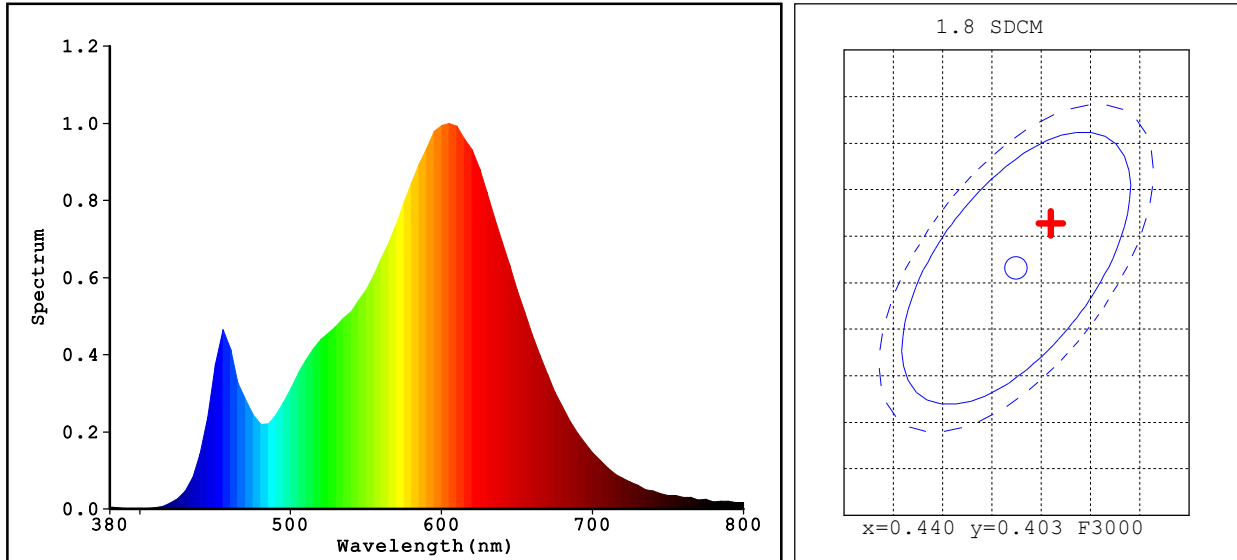


**Light Source Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.4430$  ( $dx=0.0004$ )  $y=0.4069$  ( $dy=0.0015$ )  
 Chromaticity Coordinate:  $u'=0.2533$   $v'=0.5234$  ( $duv=3.34e-04$ )  
 Tc=2923K Dominant WL:Ld=583.0nm Purity=55.1% Centroid WL:591.0nm  
 Ratio:R=25.4% G=72.2% B=2.5% Peak WL:Lp=605.0nm HWL:119.3nm  
 Render Index:Ra=82.7  
 R1 =82 R2 =93 R3 =94 R4 =80 R5 =82 R6 =92 R7 =81  
 R8 =57 R9 =6 R10=84 R11=80 R12=74 R13=85 R14=97 R15=73

**Photo Parameters:**

Flux: 2106.7 lm Fe: 6.4219 W Efficacy:100.3 lm/W

**Electrical Parameters:**

Luminaire: U=7.141V I=0.3501A P=2.500W PF=1.000  
 Lamp : U=231.9V I=0.09561A P=21.01W PF=0.9475

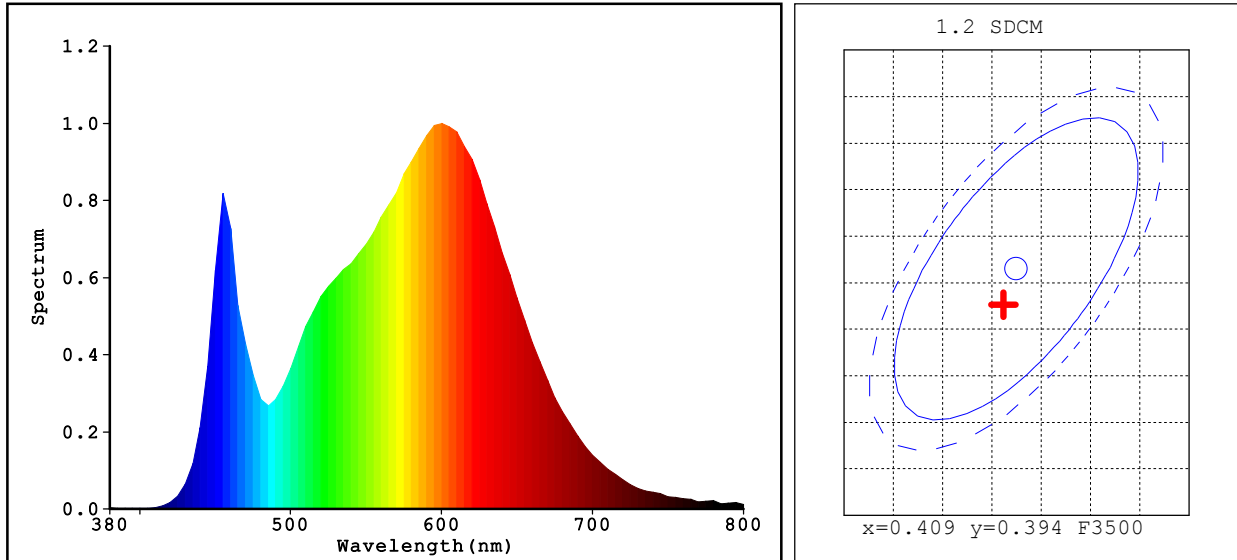
**Instrument Status:**

Scan Range:380.0nm-800.0nm Interval:5.0nm[0]  $I_p=2747$  (G=3,D=54)  
 REF=17963 (R=3)  $\%=-0.078\%$  PMT: 30.4 centigrade [28.6]

Product Type:114064-37569  
 Number:914  
 Temperature:25.3 deg  
 Test Operator:DAMIN  
 Software:V2.00.122

Manufacturer:  
 Test Department:  
 Humidity:65.0%  
 Test Date:2019-04-23 19:13:36  
 Instrument:PMS-80\_V1 (SN:11070047)

**Light Source Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.4079$  ( $dx=0.0004$ )  $y=0.3909$  ( $dy=0.0015$ )  
 Chromaticity Coordinate:  $u'=0.2373$   $v'=0.5117$  ( $duv=-4.92e-04$ )  
 Tc=3445K Dominant WL:Ld=581.3nm Purity=39.7% Centroid WL:580.0nm  
 Ratio:R=22.4% G=74.6% B=3.0% Peak WL:Lp=600.0nm HWL:140.6nm  
 Render Index:Ra=83.9  
 R1 =83 R2 =93 R3 =96 R4 =81 R5 =83 R6 =90 R7 =84  
 R8 =63 R9 =12 R10=82 R11=80 R12=66 R13=86 R14=99 R15=76

**Photo Parameters:**

Flux: 2400.5 lm Fe: 7.3069 W Efficacy:121.5 lm/W

**Electrical Parameters:**

Luminaire: U=7.141V I=0.3501A P=2.500W PF=1.000  
 Lamp : U=232.0V I=0.09025A P=19.76W PF=0.9436

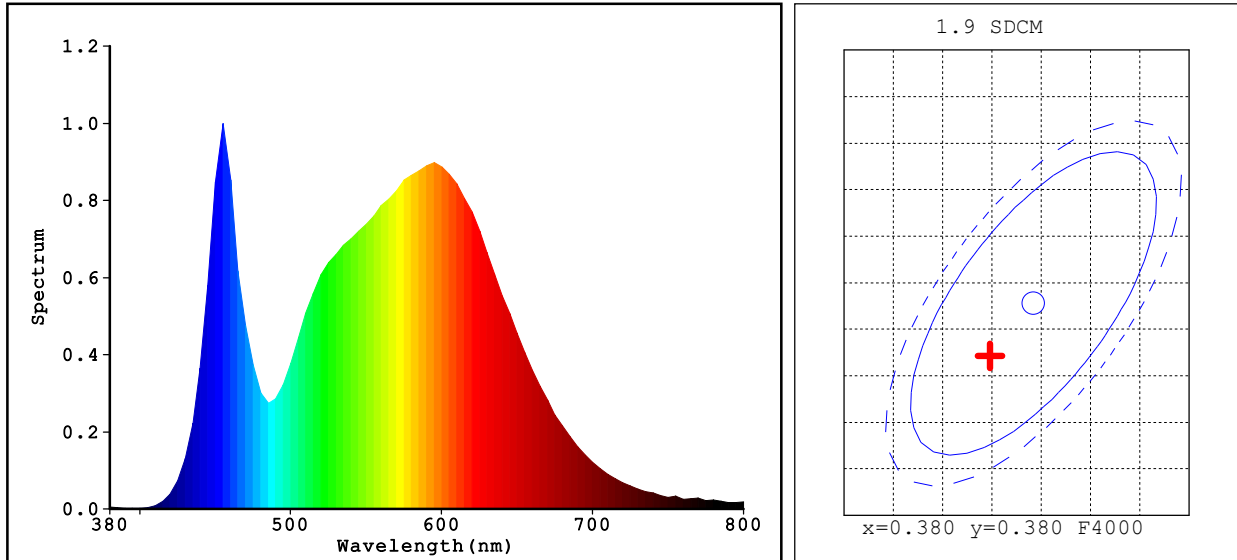
**Instrument Status:**

Scan Range:380.0nm-800.0nm Interval:5.0nm[0] Ip=4936(G=3,D=55)  
 REF=20364(R=3) %=-0.049% PMT: 30.4 centigrade [28.9]

Product Type:114064-37569  
 Number:915  
 Temperature:25.3 deg  
 Test Operator:DAMIN  
 Software:V2.00.122

Manufacturer:  
 Test Department:  
 Humidity:65.0%  
 Test Date:2019-04-23 19:16:23  
 Instrument:PMS-80\_V1 (SN:11070047)

**Light Source Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.3762$  ( $dx=0.0004$ )  $y=0.3754$  ( $dy=0.0015$ )  
 Chromaticity Coordinate:  $u'=0.2229$   $v'=0.5004$  ( $duv=6.24e-04$ )  
 Tc=4107K Dominant WL:Ld=578.3nm Purity=25.6% Centroid WL:569.0nm  
 Ratio:R=19.4% G=77.1% B=3.4% Peak WL:Lp=455.0nm HWL:26.0nm  
 Render Index:Ra=82.6  
 R1 =81 R2 =89 R3 =94 R4 =80 R5 =80 R6 =84 R7 =86  
 R8 =65 R9 =9 R10=74 R11=78 R12=58 R13=83 R14=97 R15=76

**Photo Parameters:**

Flux: 2175.0 lm Fe: 6.6525 W Efficacy:104.2 lm/W

**Electrical Parameters:**

Luminaire: U=7.141V I=0.3501A P=2.500W PF=1.000  
 Lamp : U=231.9V I=0.09521A P=20.87W PF=0.9451

*Instrument Status:*

Scan Range:380.0nm-800.0nm Interval:5.0nm[0]  $I_p=5517$  (G=3,D=54)  
 REF=18387 (R=3)  $\%=-0.027\%$  PMT: 30.3 centigrade [28.2]

Product Type:114064-37569  
 Number:916  
 Temperature:25.3 deg  
 Test Operator:DAMIN  
 Software:V2.00.122

Manufacturer:  
 Test Department:  
 Humidity:65.0%  
 Test Date:2019-04-23 19:23:14  
 Instrument:PMS-80\_V1 (SN:11070047)