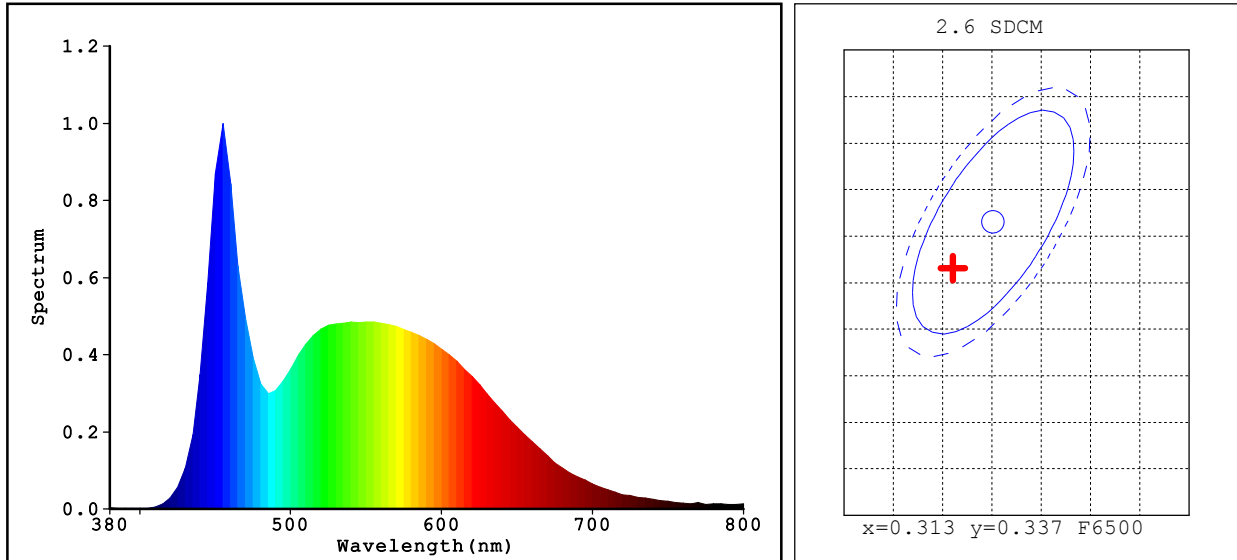


**Light Source Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.3095$  ( $dx=-0.0018$ )  $y=0.3330$  ( $dy=-0.0037$ )

Chromaticity Coordinate:  $u'=0.1941$   $v'=0.4700$  ( $duv=6.85e-03$ )

Tc=6645K Dominant WL:Ld=491.5nm Purity=8.1% Centroid WL:540.0nm

Ratio:R=14.5% G=79.7% B=5.8% Peak WL:Lp=455.0nm HWL:26.6nm

Render Index:Ra=85.4

R1 =83 R2 =91 R3 =94 R4 =82 R5 =83 R6 =86 R7 =89

R8 =73 R9 =20 R10=78 R11=82 R12=58 R13=86 R14=97 R15=79

**Photo Parameters:**

Flux: 1820.2 lm Fe: 6.0307 W Efficacy:91.56 lm/W

**Electrical Parameters:**

Lamp : U=230.4V I=0.09162A P=19.88W PF=0.9416

*Instrument Status:*

Scan Range:380.0nm-800.0nm Interval:5.0nm[0]  
REF=17219 (R=3) %=-0.309%

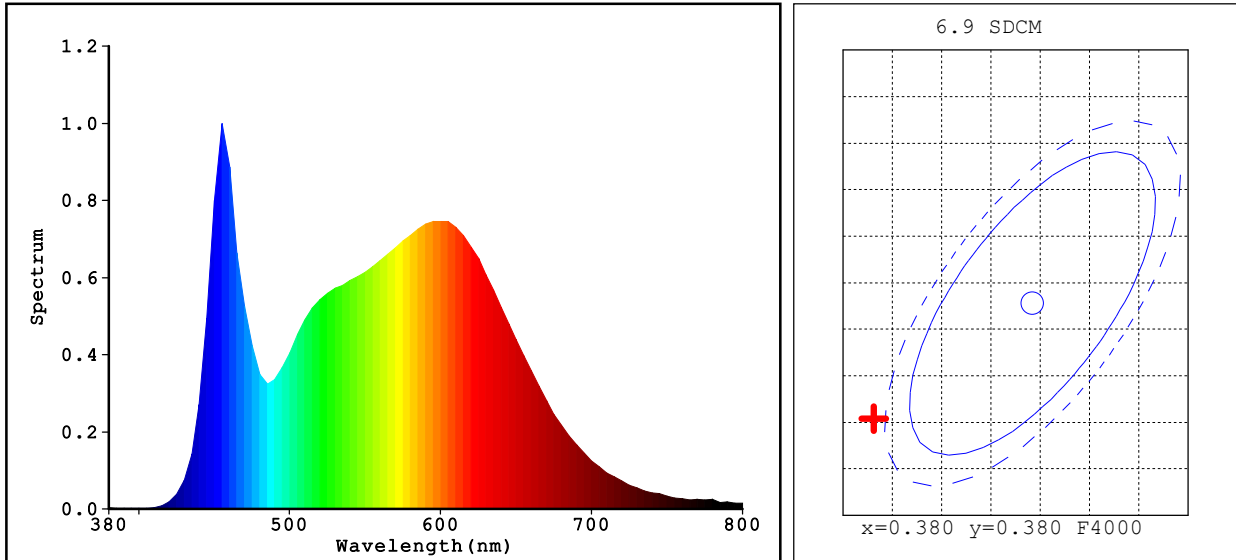
Ip=8858 (G=3,D=53)  
PMT: 28.3 centigrade [26.4]

---

Product Type:L1L-CDT90F20  
Number:910  
Temperature:25.3 deg  
Test Operator:DAMIN  
Software:V2.00.122

Manufacturer:  
Test Department:  
Humidity:65.0%  
Test Date:2018-05-10 17:08:23  
Instrument:PMS-80\_V1 (SN:11070047)

**Light Source Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.3662$  ( $dx=-0.0018$ )  $y=0.3636$  ( $dy=-0.0037$ )  
 Chromaticity Coordinate:  $u'=0.2209$   $v'=0.4935$  ( $duv=-1.86e-03$ )  
 Tc=4326K Dominant WL:Ld=579.1nm Purity=19.0% Centroid WL:567.0nm  
 Ratio:R=19.9% G=75.8% B=4.3% Peak WL:Lp=455.0nm HWL:26.2nm  
 Render Index:Ra=88.7  
 R1 =89 R2 =96 R3 =96 R4 =86 R5 =88 R6 =92 R7 =88  
 R8 =74 R9 =38 R10=89 R11=86 R12=65 R13=92 R14=99 R15=85

**Photo Parameters:**

Flux: 2046.2 lm Fe: 6.6109 W Efficacy:110.6 lm/W

**Electrical Parameters:**

Lamp : U=231.1V I=0.08551A P=18.50W PF=0.9363

*Instrument Status:*

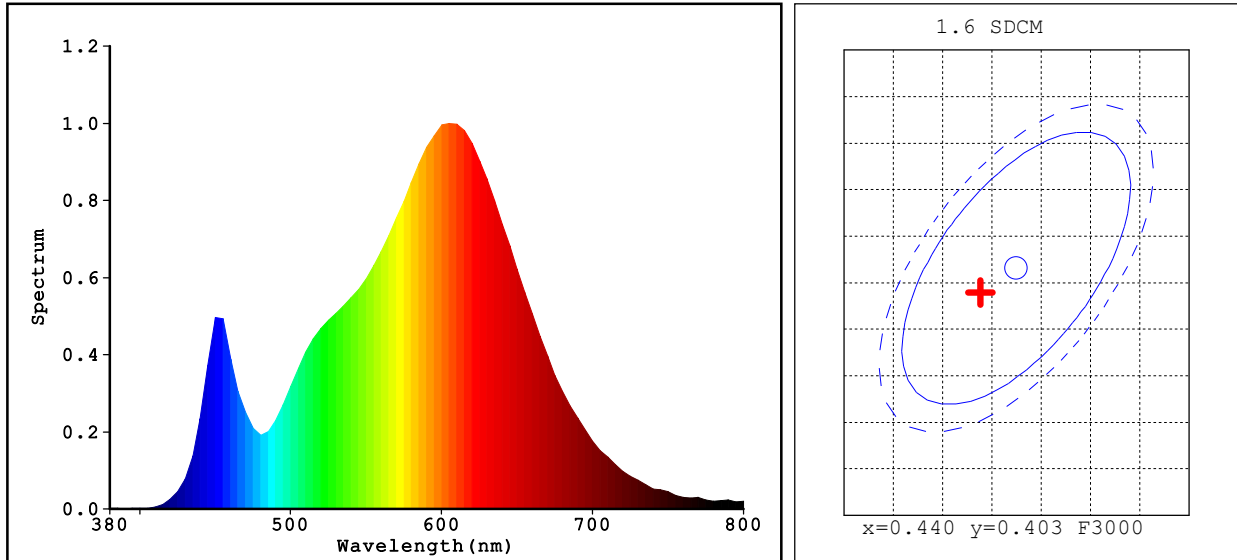
Scan Range:380.0nm-800.0nm Interval:5.0nm[0] Ip=7025(G=3,D=53)  
 REF=19527(R=3) %=-0.067% PMT: 28.4 centigrade [25.9]

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Product Type:L1L-CDT90F20  
 Number:911  
 Temperature:25.3 deg  
 Test Operator:DAMIN  
 Software:V2.00.122

Manufacturer:  
 Test Department:  
 Humidity:65.0%  
 Test Date:2018-05-10 17:10:04  
 Instrument:PMS-80\_V1 (SN:11070047)

**Light Source Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.4369$  ( $dx=-0.0018$ )  $y=0.4009$  ( $dy=-0.0037$ )  
 Chromaticity Coordinate:  $u'=0.2519$   $v'=0.5201$  ( $duv=-1.25e-03$ )  
 Tc=2976K Dominant WL:Ld=583.4nm Purity=51.5% Centroid WL:591.0nm  
 Ratio:R=25.2% G=72.4% B=2.3% Peak WL:Lp=605.0nm HWL:132.7nm  
 Render Index:Ra=84.7  
 R1 =84 R2 =92 R3 =97 R4 =83 R5 =84 R6 =91 R7 =84  
 R8 =62 R9 =16 R10=83 R11=83 R12=75 R13=86 R14=99 R15=77

**Photo Parameters:**

Flux: 1802.8 lm Fe: 5.6422 W Efficacy:92.52 lm/W

**Electrical Parameters:**

Lamp : U=231.1V I=0.08969A P=19.49W PF=0.9401

*Instrument Status:*

Scan Range:380.0nm-800.0nm Interval:5.0nm[0] Ip=2818 (G=3,D=53)  
 REF=17390 (R=3) %=-0.116% PMT: 28.4 centigrade [26.5]

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Product Type:L1L-CDT90F20  
 Number:912  
 Temperature:25.3 deg  
 Test Operator:DAMIN  
 Software:V2.00.122

Manufacturer:  
 Test Department:  
 Humidity:65.0%  
 Test Date:2018-05-10 17:11:34  
 Instrument:PMS-80\_V1 (SN:11070047)