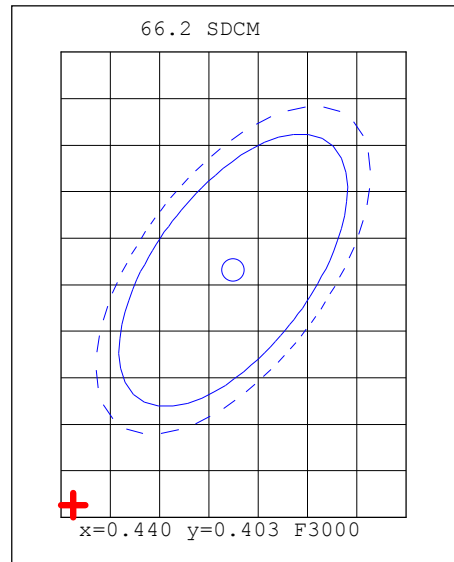
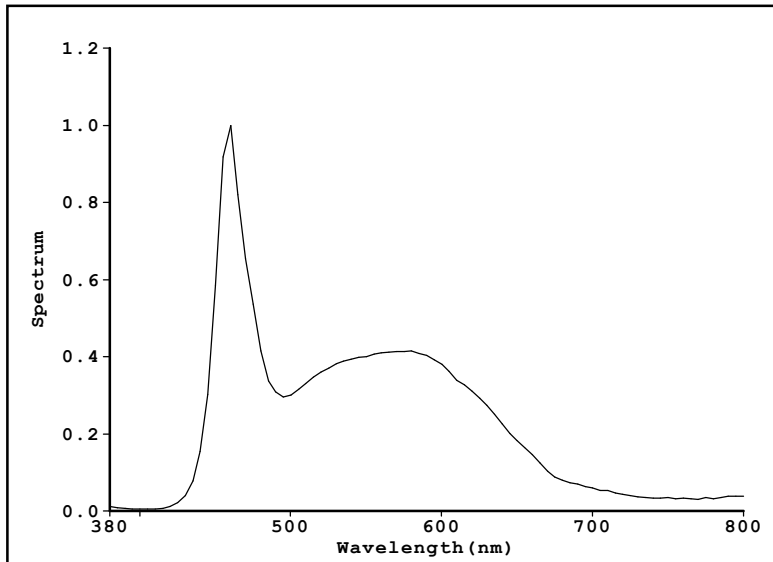


LED Line[®]

Light Source Test Report



Color Parameters:

Tc=6762K Dominant WL:Ld=486.7nm Purity=9.0% Centroid WL:540.0nm
Ratio:R=15.2% G=77.7% B=7.2% Peak WL:Lp=460.0nm HWL:28.0nm
Render Index:Ra=85.5

Photo Parameters:

Flux: 412.94 lm Fe: 1.4295 W Efficacy:88.48 lm/W
WHITE:ANSI_6500K

Electrical Parameters:

Lamp : U=12.00V I=0.3890A P=4.667W PF=1.000

Instrument Status:

Scan Range:380.0nm-800.0nm
REF=14241 (R=3)

Interval:5.0nm[0]
%=-0.014%

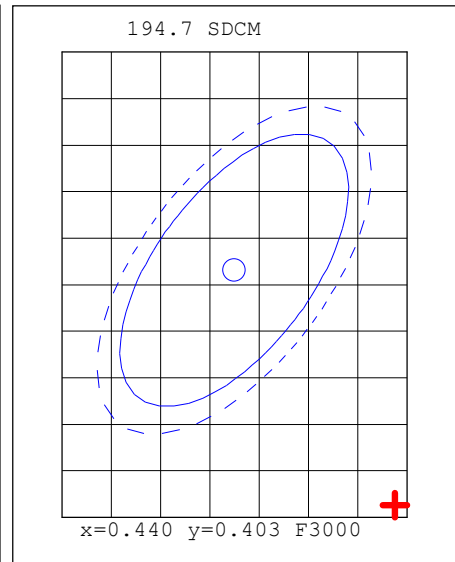
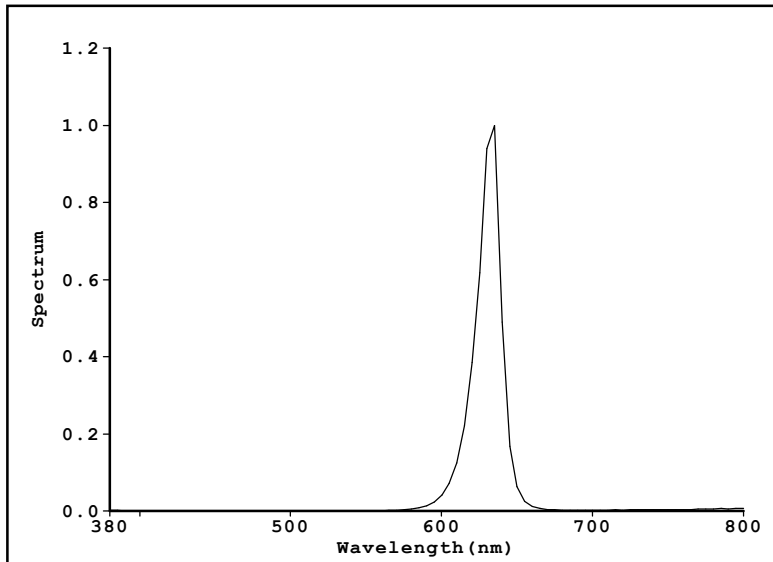
Ip=19083 (G=4,D=53)
PMT: 29.3 centigrade [150.0]

Product Type:245657
Number:085
Temperature:25.3 deg
Test Operator:
Software:V3.00.135

Manufacturer:
Test Department:
Humidity:65.0%
Test Date:2015-04-02 18:23:06
Instrument:PMS-80_V1 (SN:G107113CA8331125)

LED Line[®]

Light Source Test Report

**Color Parameters:**

Tc=1001K Dominant WL:Ld=622.5nm Purity=99.6% Centroid WL:631.0nm
Ratio:R=96.1% G=3.9% B=0.0% Peak WL:Lp=635.0nm HWL:17.4nm

Photo Parameters:

Flux: 104.62 lm Fe: 0.55120 W Efficacy:23.01 lm/W
WHITE:OUT

Electrical Parameters:

Lamp : U=12.00V I=0.3790A P=4.547W PF=1.000

Instrument Status:

Scan Range: 380.0nm 800.0nm Interval: 5.0nm [0]
REF=40195(R=4) %= 0.169%

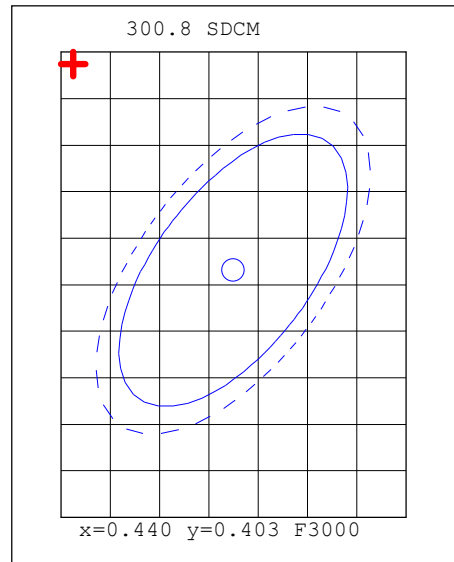
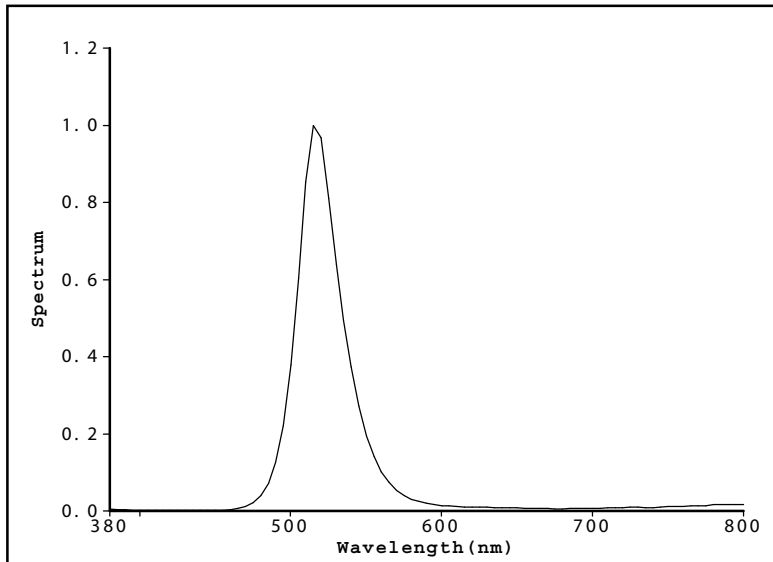
Ip=36130(G=5, D=56)
PMF: 29.1 centigrade [150.0]

Product Type:245657
Number:083
Temperature:25.3 deg
Test Operator: admin
Software:V3.00.135

Manufacturer:
Test Department:
Humidity:65.0%
Test Date:2015-04-02 18:20:03
Instrument:PMS-80_V1 (SN:G107113CA8331125)

LED Line[®]

Light Source Test Report

**Color Parameters:**

Tc=8073K Dominant WL:Ld=523.9nm Purity=76.1% Centroid WL:521.0nm
Ratio:R=0.8% G=97.1% B=2.0% Peak WL:Lp=515.0nm HWL:32.1nm

Photo Parameters:

Flux: 397.39 lm Fe: 0.90293 W Efficacy:75.98 lm/W
WHITE:OUT

Electrical Parameters:

Lamp : U=12.00V I=0.4359A P=5.230W PF=1.000

Instrument Status:

Scan Range:380.0nm-800.0nm
REF=13089 (R=3)

Interval:5.0nm[0]
%=-0.161%

Ip=21438 (G=4,D=52)

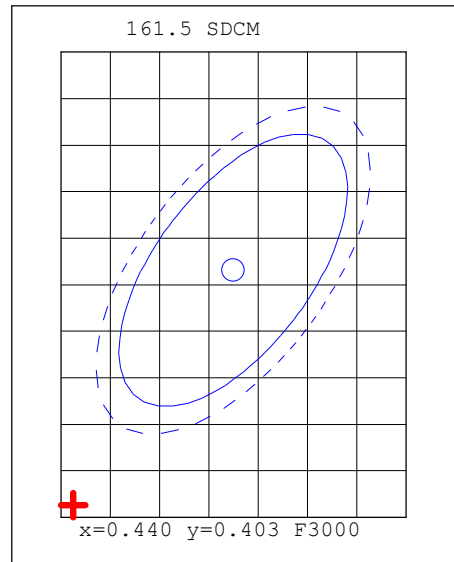
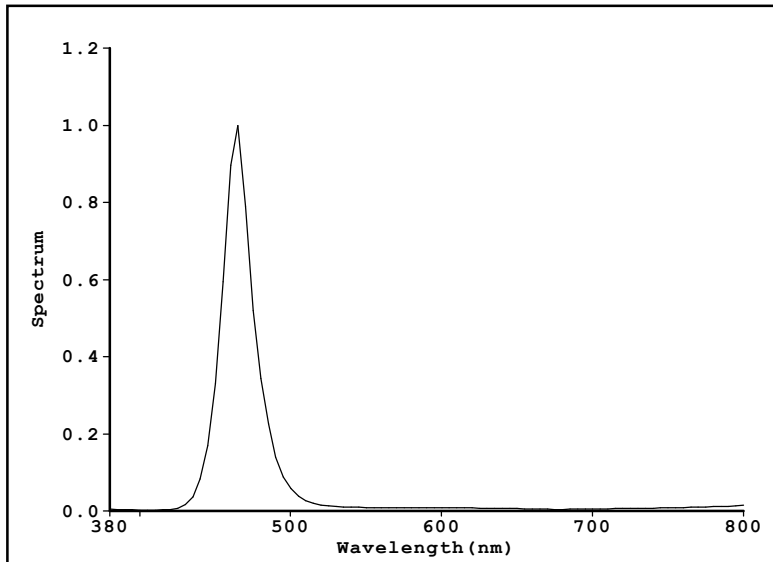
PMT: 29.0 centigrade [150.0]

Product Type:245657
Number:082
Temperature:25.3 deg
Test Operator: admin
Software:V3.00.135

Manufacturer:
Test Department:
Humidity:65.0%
Test Date:2015-04-02 18:18:21
Instrument:PMS-80_V1 (SN:G107113CA8331125)

LED Line[®]

Light Source Test Report



Color Parameters:

Tc=100000K Dominant WL:Ld=468.2nm Purity=92.4% Centroid WL:466.0nm
Ratio:R=4.5% G=29.0% B=66.6% Peak WL:Lp=465.0nm HWL:22.3nm

Photo Parameters:

Flux: 95.154 lm Fe: 1.2236 W Efficacy:21.33 lm/W
WHITE:OUT

Electrical Parameters:

Lamp : U=12.00V I=0.3719A P=4.462W PF=1.000

Instrument Status:

Scan Range: 380.0nm 800.0nm Interval: 5.0nm [0]
REF=27774 (R=4) %=0.022%

Ip=53129 (G=4, D=53)
PMF: 29.4 centigrade [150.0]

Product Type:245657
Number:084
Temperature:25.3 deg
Test Operator: admin
Software:V3.00.135

Manufacturer:
Test Department:
Humidity:65.0%
Test Date:2015-04-02 18:21:36
Instrument:PMS-80_V1 (SN:G107113CA8331125)