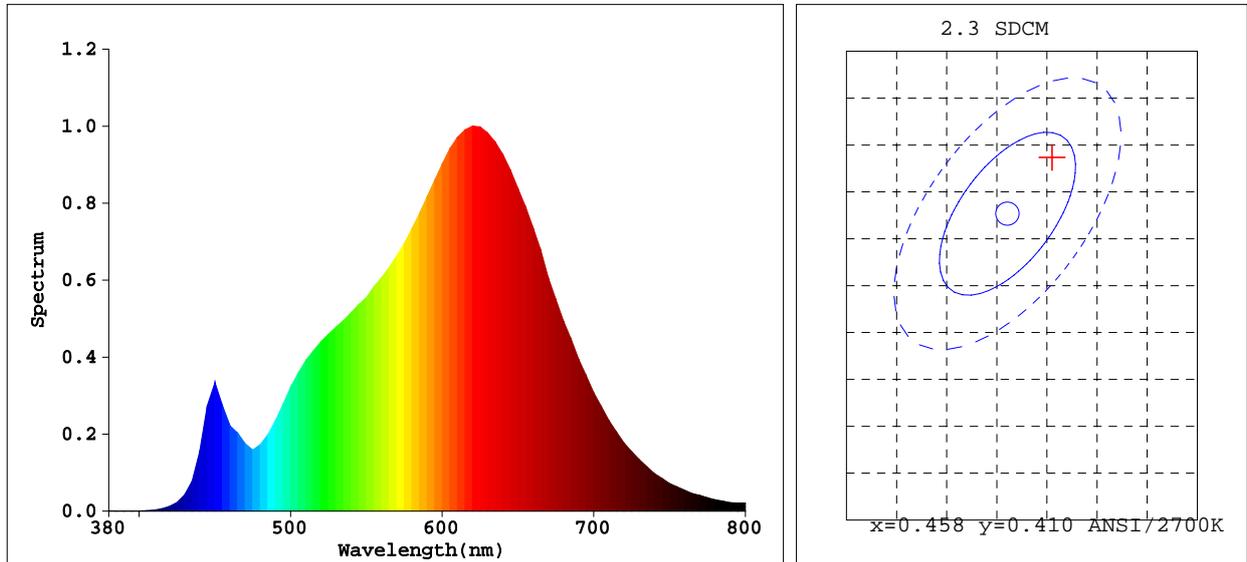


Light Source Test Report



Color Parameters:

Chromaticity Coordinate: $x=0.4616$ $y=0.4149$

Chromaticity Coordinate: $u'=0.2617$ $v'=0.5292$ ($duv=1.44e-03$)

Tc=2709K Dominant WL:Ld=583.7nm Purity=63.1% Centroid WL:607.0nm

Ratio:R=28.1% G=69.8% B=2.1% Peak WL:Lp=620.0nm HWL:143.2nm

Render Index:Ra=93.0

R1 =93	R2 =96	R3 =99	R4 =94	R5 =93	R6 =97	R7 =92	
R8 =80	R9 =56	R10=91	R11=96	R12=86	R13=94	R14=99	R15=88

Photo Parameters:

Flux: 883.84 lm Fe: 3.0696 W Efficacy:74.99 lm/W

Electrical Parameters:

Luminaire: U=121.1V I=0.1038A P=11.79W PF=0.9372

Instrument Status:

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

REF=17774(R=4)

%=-0.265%

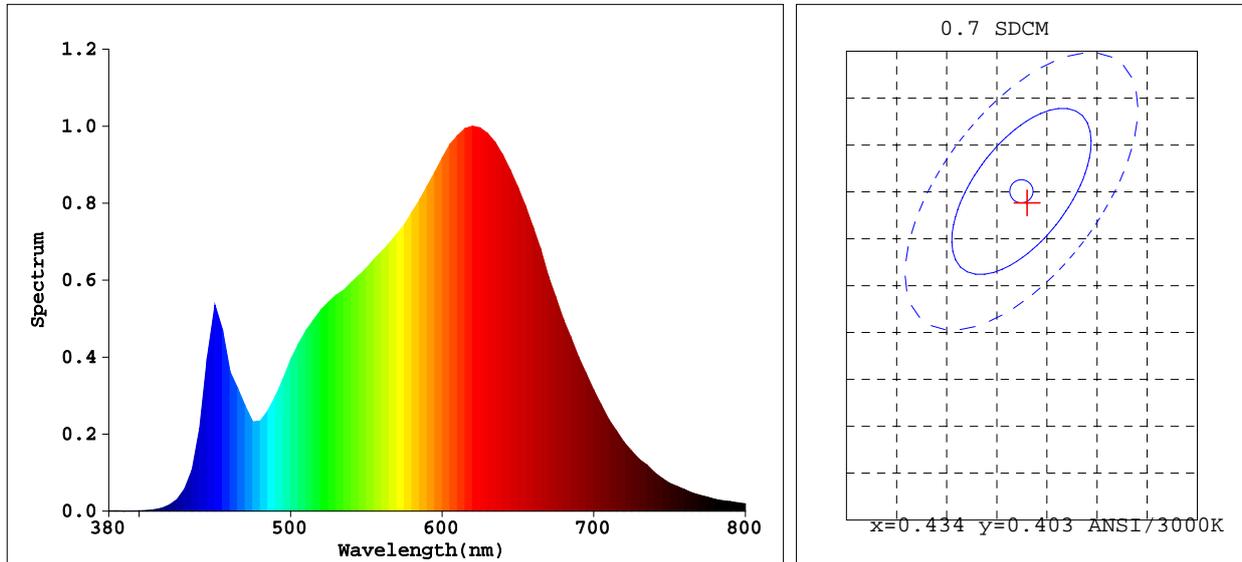
Ip=7235(G=4,D=68)

PMT: 23.4 centigrade [23.6]

Product Type:LSRL-4-SLP5CCTSWH/1
 Number:310
 Temperature:25.3 deg
 Test Operator:
 Software:V2.00.125

Manufacturer:
 Test Department:
 Humidity:65.0%
 Test Date:2002-01-01 06:20:37
 Instrument:PMS-50SSA_V1 (SN:1006056)

Light Source Test Report

**Color Parameters:**

Chromaticity Coordinate: x=0.4343 y=0.4020

Chromaticity Coordinate: u'=0.2497 v'=0.5202 (duv=-4.52e-04)

Tc=3029K Dominant WL:Ld=582.9nm Purity=51.0% Centroid WL:600.0nm

Ratio: R=26.0% G=71.4% B=2.6% Peak WL:Lp=620.0nm HWL:164.0nm

Render Index: Ra=94.4

R1 =95	R2 =97	R3 =98	R4 =95	R5 =95	R6 =97	R7 =93	
R8 =84	R9 =65	R10=93	R11=96	R12=83	R13=96	R14=99	R15=91

Photo Parameters:

Flux: 894.91 lm Fe: 3.1053 W Efficacy:76.59 lm/W

Electrical Parameters:

Luminaire: U=121.0V I=0.1031A P=11.68W PF=0.9369

Instrument Status:

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

REF=17930(R=4)

%=-0.302%

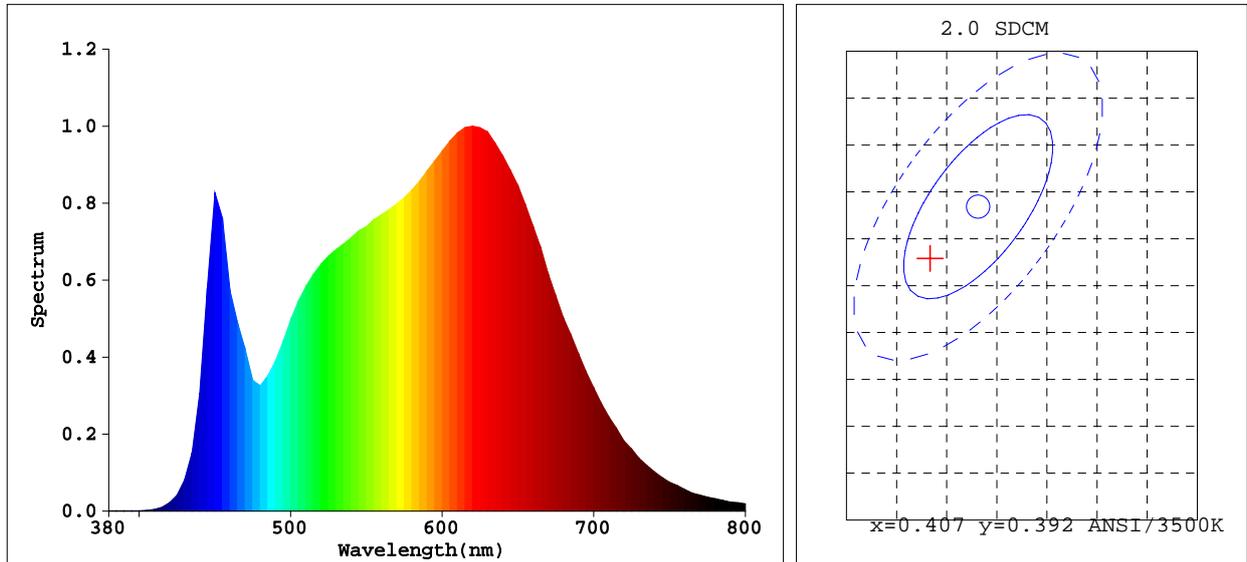
Ip=10802(G=4,D=68)

PMT: 23.7 centigrade [23.6]

Product Type:LSRL-4-SLP5CCTSWH/1
 Number:311
 Temperature:25.3 deg
 Test Operator:
 Software:V2.00.125

Manufacturer:
 Test Department:
 Humidity:65.0%
 Test Date:2002-01-01 06:23:12
 Instrument:PMS-50SSA_V1 (SN:1006056)

Light Source Test Report

**Color Parameters:**Chromaticity Coordinate: $x=0.4032$ $y=0.3873$ Chromaticity Coordinate: $u'=0.2357$ $v'=0.5095$ ($duv=-1.06e-03$)

Tc=3519K Dominant WL:Ld=581.3nm Purity=37.2% Centroid WL:590.0nm

Ratio:R=23.4% G=73.2% B=3.3% Peak WL:Lp=620.0nm HWL:179.9nm

Render Index:Ra=95.2

R1 =96	R2 =98	R3 =97	R4 =96	R5 =96	R6 =96	R7 =95	
R8 =89	R9 =73	R10=93	R11=96	R12=78	R13=97	R14=98	R15=94

Photo Parameters:

Flux: 914.25 lm Fe: 3.1711 W Efficacy:78.48 lm/W

Electrical Parameters:

Luminaire: U=121.2V I=0.1027A P=11.65W PF=0.9365

Instrument Status:

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

REF=18234(R=4)

%=-0.193%

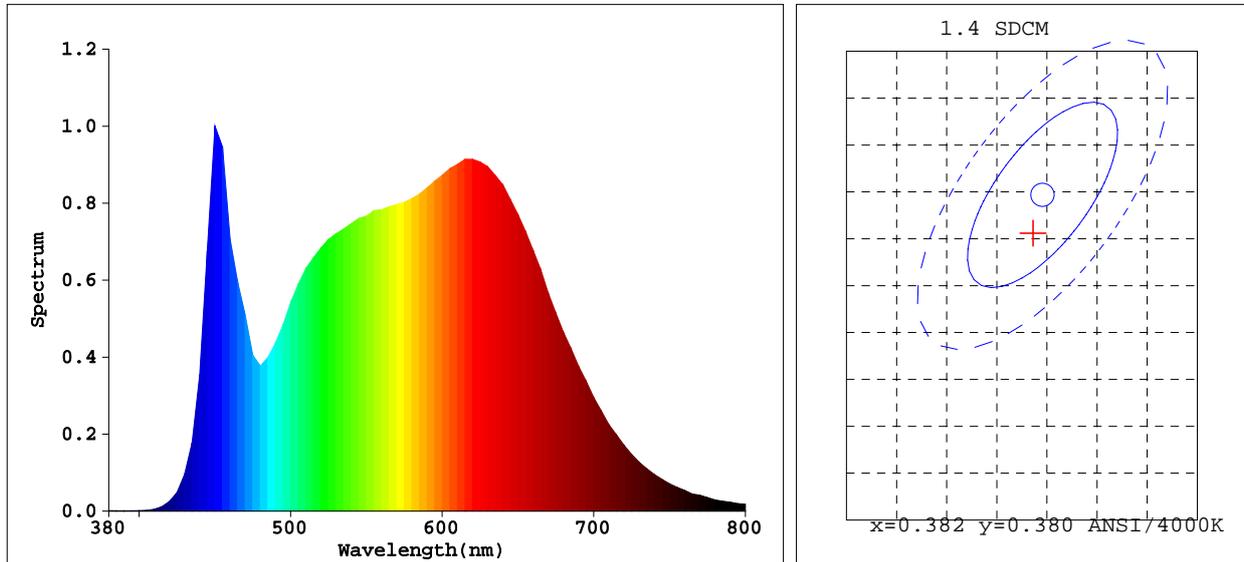
Ip=15231(G=4,D=68)

PMT: 23.8 centigrade [23.6]

Product Type:LSRL-4-SLP5CCTSWH/1
 Number:312
 Temperature:25.3 deg
 Test Operator:
 Software:V2.00.125

Manufacturer:
 Test Department:
 Humidity:65.0%
 Test Date:2002-01-01 06:24:28
 Instrument:PMS-50SSA_V1 (SN:1006056)

Light Source Test Report

**Color Parameters:**Chromaticity Coordinate: $x=0.3810$ $y=0.3764$ Chromaticity Coordinate: $u'=0.2256$ $v'=0.5015$ ($duv=-3.15e-04$)

Tc=3983K Dominant WL:Ld=579.3nm Purity=27.3% Centroid WL:581.0nm

Ratio:R=21.5% G=74.6% B=3.9% Peak WL:Lp=450.0nm HWL:28.2nm

Render Index:Ra=95.1

R1 =96 R2 =97 R3 =97 R4 =95 R5 =95 R6 =94 R7 =96

R8 =91 R9 =77 R10=92 R11=96 R12=73 R13=97 R14=98 R15=94

Photo Parameters:

Flux: 925.56 lm Fe: 3.2105 W Efficacy:79.70 lm/W

Electrical Parameters:

Luminaire: U=121.1V I=0.1024A P=11.61W PF=0.9364

Instrument Status:

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

REF=18396(R=4)

%=-0.175%

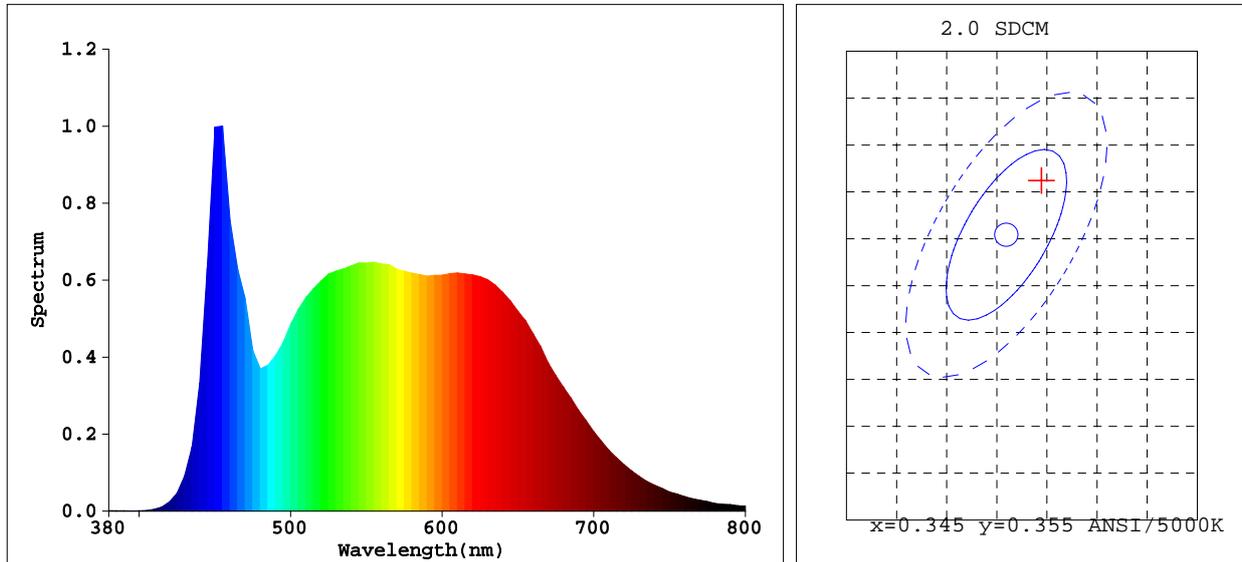
Ip=18633(G=4,D=68)

PMT: 23.9 centigrade [23.6]

Product Type:LSRL-4-SLP5CCTSWH/1
 Number:313
 Temperature:25.3 deg
 Test Operator:
 Software:V2.00.125

Manufacturer:
 Test Department:
 Humidity:65.0%
 Test Date:2002-01-01 06:25:41
 Instrument:PMS-50SSA_V1 (SN:1006056)

Light Source Test Report

**Color Parameters:**

Chromaticity Coordinate: x=0.3477 y=0.3599

Chromaticity Coordinate: u'=0.2100 v'=0.4891 (duv=3.09e-03)

Tc=4932K Dominant WL:Ld=570.8nm Purity=12.3% Centroid WL:564.0nm

Ratio: R=18.5% G=76.7% B=4.8% Peak WL:Lp=455.0nm HWL:29.1nm

Render Index: Ra=93.1

R1 =93	R2 =96	R3 =96	R4 =91	R5 =91	R6 =92	R7 =96	
R8 =90	R9 =73	R10=89	R11=91	R12=64	R13=94	R14=98	R15=91

Photo Parameters:

Flux: 943.64 lm Fe: 3.2787 W Efficacy:81.59 lm/W

Electrical Parameters:

Luminaire: U=121.1V I=0.1020A P=11.57W PF=0.9364

Instrument Status:

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

REF=18651(R=4)

%=-0.156%

Ip=24621(G=4,D=68)

PMT: 24.0 centigrade [23.6]

Product Type:LSRL-4-SLP5CCTSWH/1
 Number:314
 Temperature:25.3 deg
 Test Operator:
 Software:V2.00.125

Manufacturer:
 Test Department:
 Humidity:65.0%
 Test Date:2002-01-01 06:27:24
 Instrument:PMS-50SSA_V1 (SN:1006056)