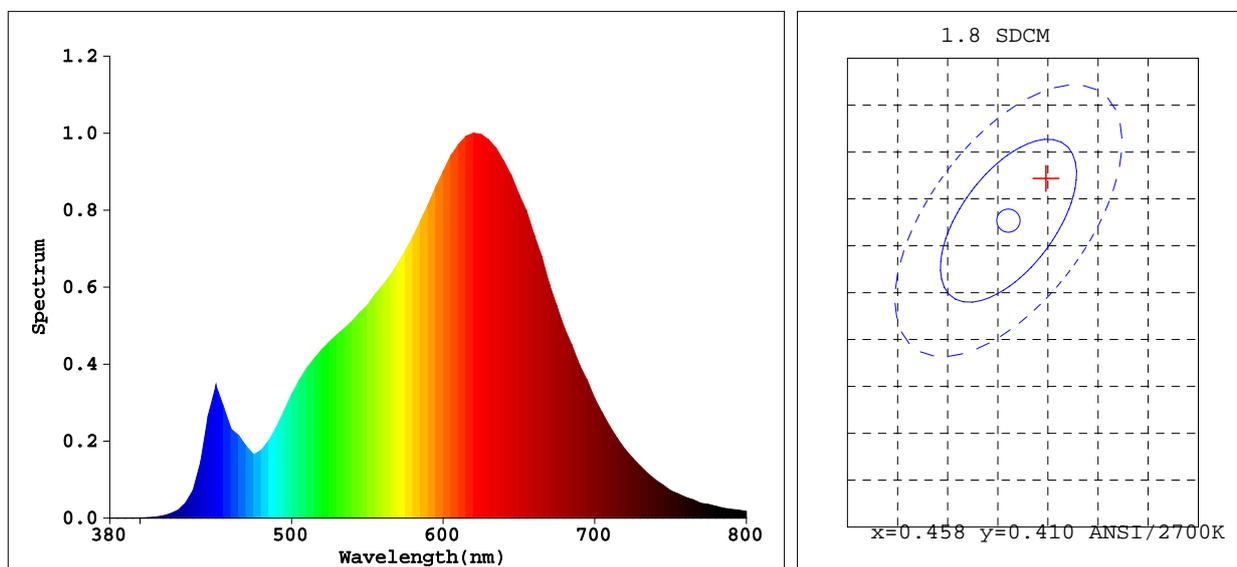


## Light Source Test Report

**Color Parameters:**Chromaticity Coordinate:  $x=0.4610$   $y=0.4137$ Chromaticity Coordinate:  $u'=0.2618$   $v'=0.5287$  ( $duv=1.05e-03$ )

Tc=2708K Dominant WL:Ld=583.8nm Purity=62.6% Centroid WL:607.0nm

Ratio:R=28.1% G=69.7% B=2.1% Peak WL:Lp=620.0nm HWL:142.6nm

Render Index:Ra=93.2

R1 =93	R2 =97	R3 =99	R4 =94	R5 =93	R6 =97	R7 =92	
R8 =80	R9 =57	R10=92	R11=96	R12=86	R13=94	R14=99	R15=88

**Photo Parameters:**

Flux: 902.44 lm Fe: 3.1444 W Efficacy:74.80 lm/W

**Electrical Parameters:**

Luminaire: U=121.1V I=0.1063A P=12.06W PF=0.9374

**Instrument Status:**

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

REF=18146(R=4)

%=-0.299%

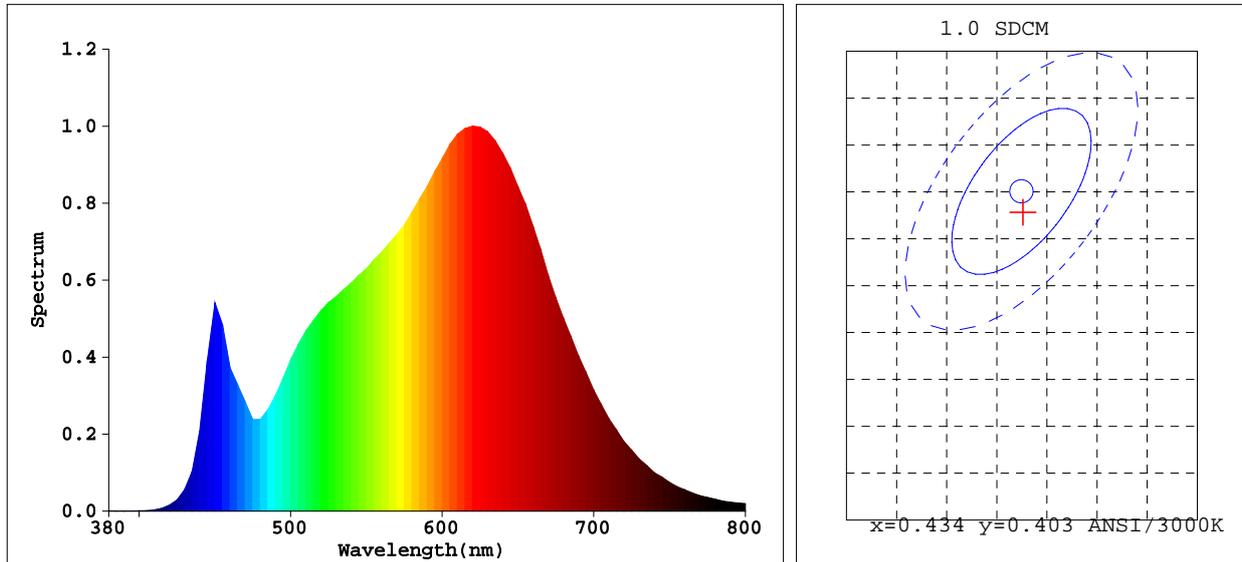
Ip=7640(G=4,D=68)

PMT: 24.3 centigrade [23.7]

Product Type:LSRL-4-SLP5CCTBWH/1  
 Number:320  
 Temperature:25.3 deg  
 Test Operator:  
 Software:V2.00.125

Manufacturer:  
 Test Department:  
 Humidity:65.0%  
 Test Date:2002-01-01 06:38:55  
 Instrument:PMS-50SSA\_V1 (SN:1006056)

## Light Source Test Report



## Color Parameters:

Chromaticity Coordinate:  $x=0.4339$   $y=0.4012$

Chromaticity Coordinate:  $u'=0.2499$   $v'=0.5198$  ( $duv=-7.30e-04$ )

$T_c=3028K$  Dominant WL:  $L_d=583.0nm$  Purity=50.7% Centroid WL:  $600.0nm$

Ratio:  $R=26.0\%$   $G=71.3\%$   $B=2.7\%$  Peak WL:  $L_p=620.0nm$  HWL:  $164.2nm$

Render Index:  $R_a=94.5$

R1 =95	R2 =98	R3 =99	R4 =95	R5 =95	R6 =97	R7 =93	
R8 =85	R9 =65	R10=94	R11=97	R12=83	R13=96	R14=99	R15=91

## Photo Parameters:

Flux: 912.52 lm  $F_e=3.1736$  W Efficacy: 76.24 lm/W

## Electrical Parameters:

Luminaire:  $U=121.1V$   $I=0.1053A$   $P=11.97W$  PF=0.9383

## Instrument Status:

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

REF=18281(R=4)

%=-0.154%

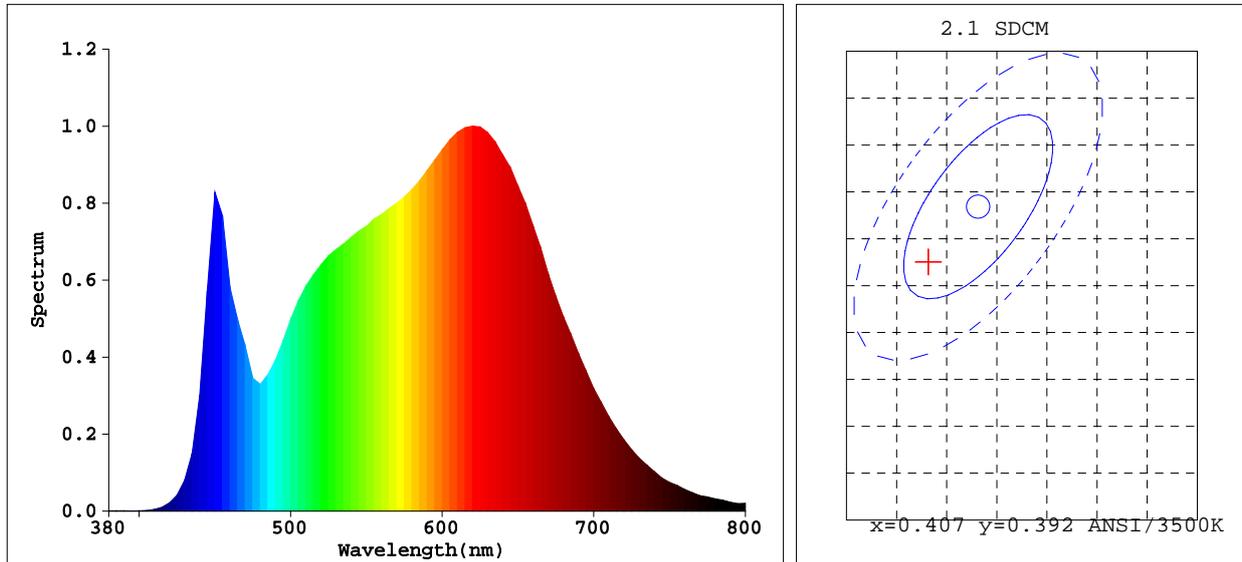
$I_p=11122(G=4, D=68)$

PMT: 24.3 centigrade [23.7]

Product Type: LSRL-4-SLP5CCTBWH/1  
 Number: 321  
 Temperature: 25.3 deg  
 Test Operator:  
 Software: V2.00.125

Manufacturer:  
 Test Department:  
 Humidity: 65.0%  
 Test Date: 2002-01-01 06:41:41  
 Instrument: PMS-50SSA\_V1 (SN:1006056)

## Light Source Test Report

**Color Parameters:**Chromaticity Coordinate:  $x=0.4030$   $y=0.3870$ Chromaticity Coordinate:  $u'=0.2358$   $v'=0.5094$  ( $duv=-1.15e-03$ )

Tc=3520K Dominant WL:Ld=581.3nm Purity=37.1% Centroid WL:590.0nm

Ratio:R=23.4% G=73.2% B=3.4% Peak WL:Lp=620.0nm HWL:180.4nm

Render Index:Ra=95.3

R1 =96 R2 =98 R3 =98 R4 =96 R5 =96 R6 =96 R7 =95

R8 =89 R9 =73 R10=94 R11=96 R12=78 R13=97 R14=98 R15=94

**Photo Parameters:**

Flux: 930.69 lm Fe: 3.2295 W Efficacy:77.99 lm/W

**Electrical Parameters:**

Luminaire: U=121.1V I=0.1050A P=11.93W PF=0.9385

**Instrument Status:**

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

REF=18560(R=4)

%=-0.178%

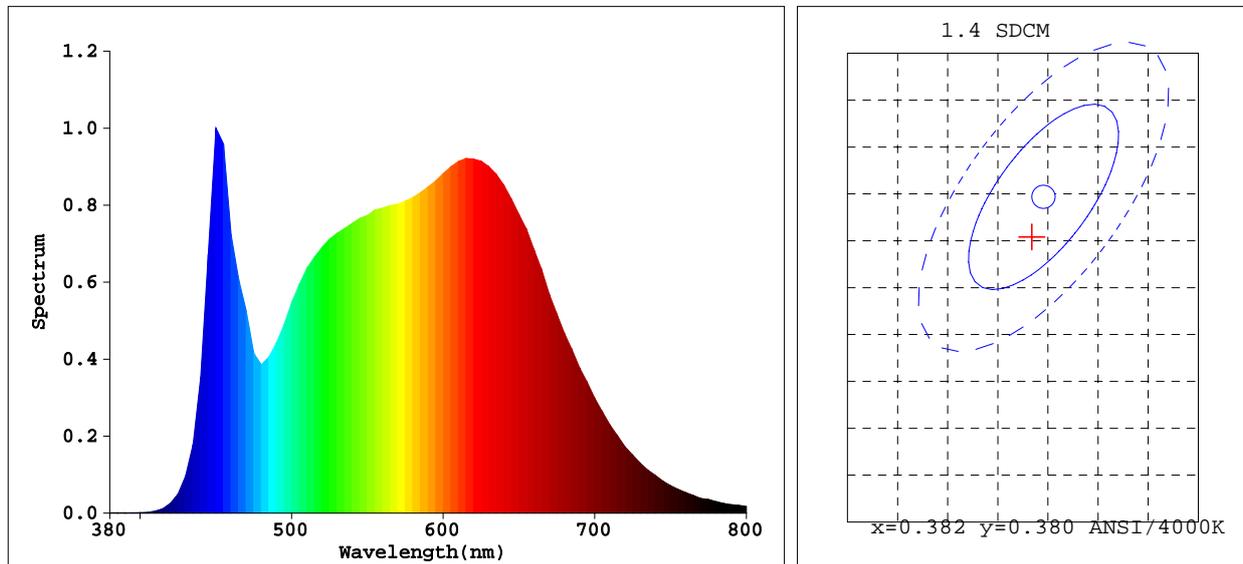
Ip=15528(G=4,D=68)

PMT: 24.6 centigrade [23.7]

Product Type:LSRL-4-SLP5CCTBWH/1  
 Number:322  
 Temperature:25.3 deg  
 Test Operator:  
 Software:V2.00.125

Manufacturer:  
 Test Department:  
 Humidity:65.0%  
 Test Date:2002-01-01 06:42:52  
 Instrument:PMS-50SSA\_V1 (SN:1006056)

## Light Source Test Report

**Color Parameters:**

Chromaticity Coordinate:  $x=0.3808$   $y=0.3763$

Chromaticity Coordinate:  $u'=0.2255$   $v'=0.5014$  ( $duv=-3.31e-04$ )

$T_c=3987K$  Dominant WL:  $L_d=579.3nm$  Purity=27.2% Centroid WL: 580.0nm

Ratio: R=21.5% G=74.6% B=3.9% Peak WL:  $L_p=450.0nm$  HWL: 28.9nm

Render Index:  $R_a=95.1$

R1 =96    R2 =98    R3 =97    R4 =95    R5 =95    R6 =94    R7 =96

R8 =90    R9 =76    R10=92    R11=96    R12=73    R13=97    R14=98    R15=94

**Photo Parameters:**

Flux: 939.90 lm     $F_e=3.2607$  W Efficacy: 79.04 lm/W

**Electrical Parameters:**

Luminaire: U=121.2V    I=0.1045A    P=11.89W    PF=0.9386

**Instrument Status:**

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

REF=18679(R=4)

%=-0.145%

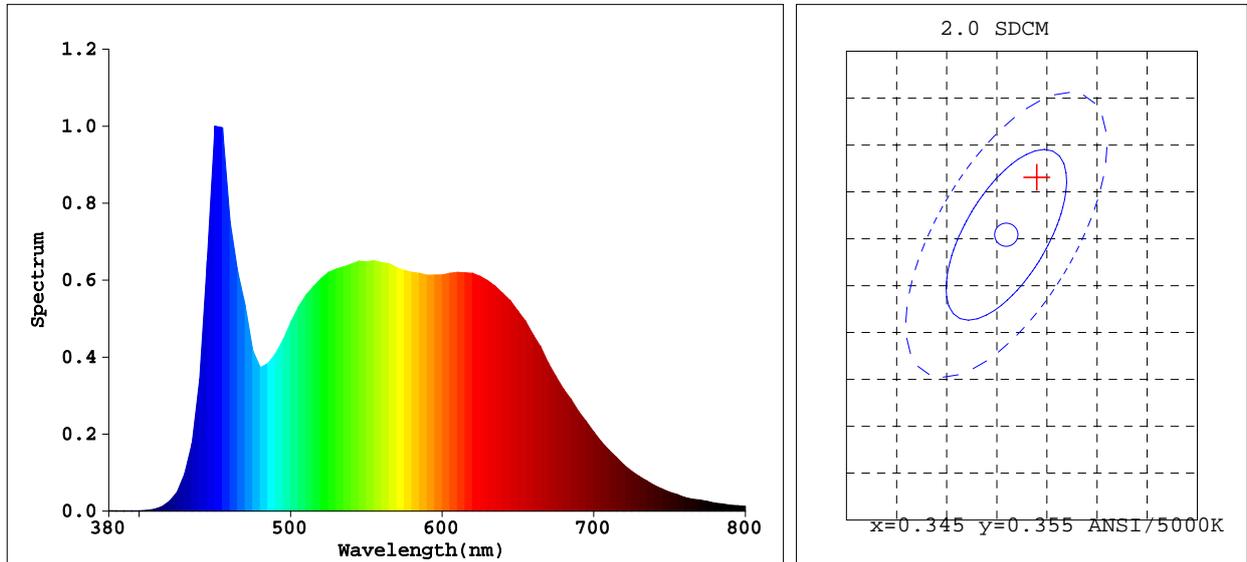
$I_p=18740$  (G=4, D=68)

PMT: 24.4 centigrade [23.7]

Product Type: LSRL-4-SLP5CCTBWH/1  
 Number: 323  
 Temperature: 25.3 deg  
 Test Operator:  
 Software: V2.00.125

Manufacturer:  
 Test Department:  
 Humidity: 65.0%  
 Test Date: 2002-01-01 06:44:56  
 Instrument: PMS-50SSA\_V1 (SN:1006056)

## Light Source Test Report

**Color Parameters:**Chromaticity Coordinate:  $x=0.3473$   $y=0.3602$ Chromaticity Coordinate:  $u'=0.2096$   $v'=0.4891$  ( $duv=3.39e-03$ )

Tc=4947K Dominant WL:Ld=570.4nm Purity=12.3% Centroid WL:564.0nm

Ratio:R=18.4% G=76.8% B=4.8% Peak WL:Lp=450.0nm HWL:28.9nm

Render Index:Ra=93.0

R1 =93	R2 =96	R3 =96	R4 =91	R5 =91	R6 =92	R7 =96	
R8 =89	R9 =72	R10=88	R11=91	R12=64	R13=94	R14=98	R15=91

**Photo Parameters:**

Flux: 959.09 lm Fe: 3.3253 W Efficacy:81.01 lm/W

**Electrical Parameters:**

Luminaire: U=121.2V I=0.1041A P=11.84W PF=0.9383

**Instrument Status:**

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

REF=18953(R=4)

% =0.133%

Ip=24700(G=4,D=68)

PMT: 24.5 centigrade [23.8]

Product Type:LSRL-4-SLP5CCTBWH/1  
 Number:324  
 Temperature:25.3 deg  
 Test Operator:  
 Software:V2.00.125

Manufacturer:  
 Test Department:  
 Humidity:65.0%  
 Test Date:2002-01-01 06:46:15  
 Instrument:PMS-50SSA\_V1 (SN:1006056)