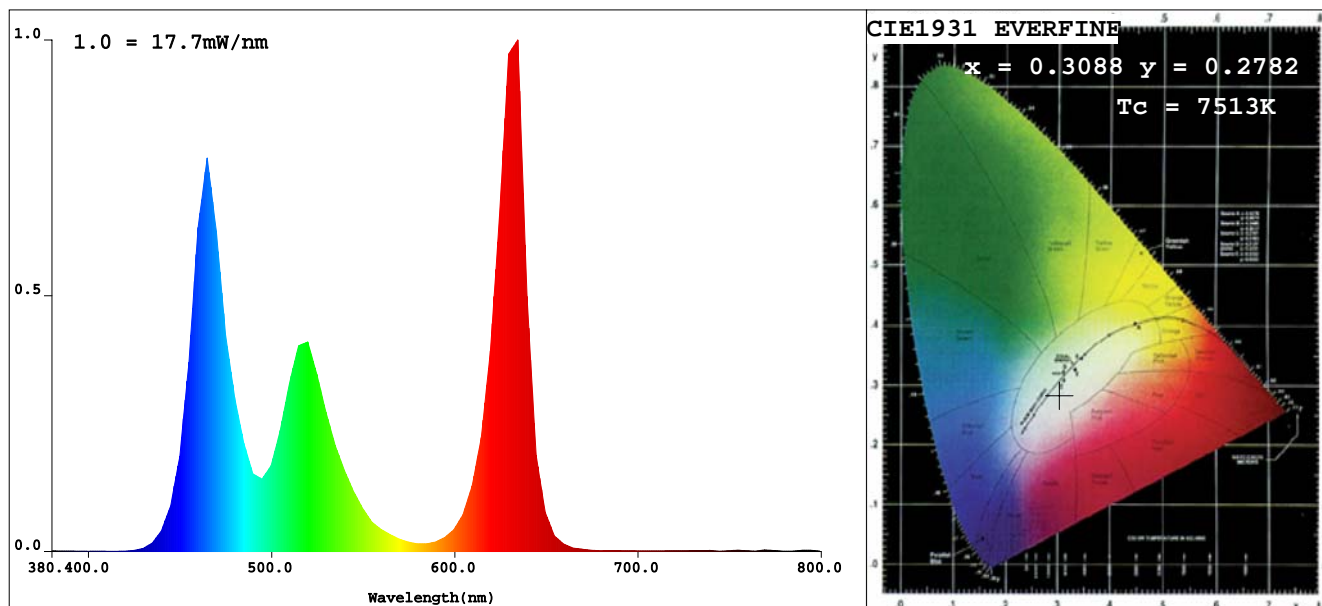


## Light Source Test Report

Length = 1M



### CIE Color Parameters:

Chromaticity Coordinate:  $x=0.3088$   $y=0.2782$  /  $u'=0.2159$   $v'=0.4377$  ( $duv=-2.32e-002$ )

CCT:  $T_c = 7513K$  Prcp WaveL:  $\lambda_p = 380.0nm$  Purity=16.5%

Peak WaveL:  $\lambda_p = 635nm$  Half Width:  $\Delta\lambda = 17.9nm$  Ratio: R=32.0% G=57.4% B=10.7%

Average Wave: 524nm PB=2.8399 PG=1.0414 PR=1.1988 PT=56.4413

Rendering Index: Ra=3.4

R1 = 0 R2 = 26 R3 = 72 R4 = 0 R5 = 0 R6 = 11 R7 = 41 R8 = 0

R9 = 0 R10 = 0 R11 = 0 R12 = 3 R13 = 0 R14 = 77 R15 = 0

### Photo Parameters:

Flux:  $\Phi = 222.85(lm)$  Luminous Efficacy: 20.51(lm/W) Luminous Power:  $P = 997.1(mW)$

### Electrical Parameters:

U=24V I=0.4624A P=11.09W PF=1.000

### Instrument Status:

Scan Range: 380.0nm-800.0nm

Interval: 5.0nm

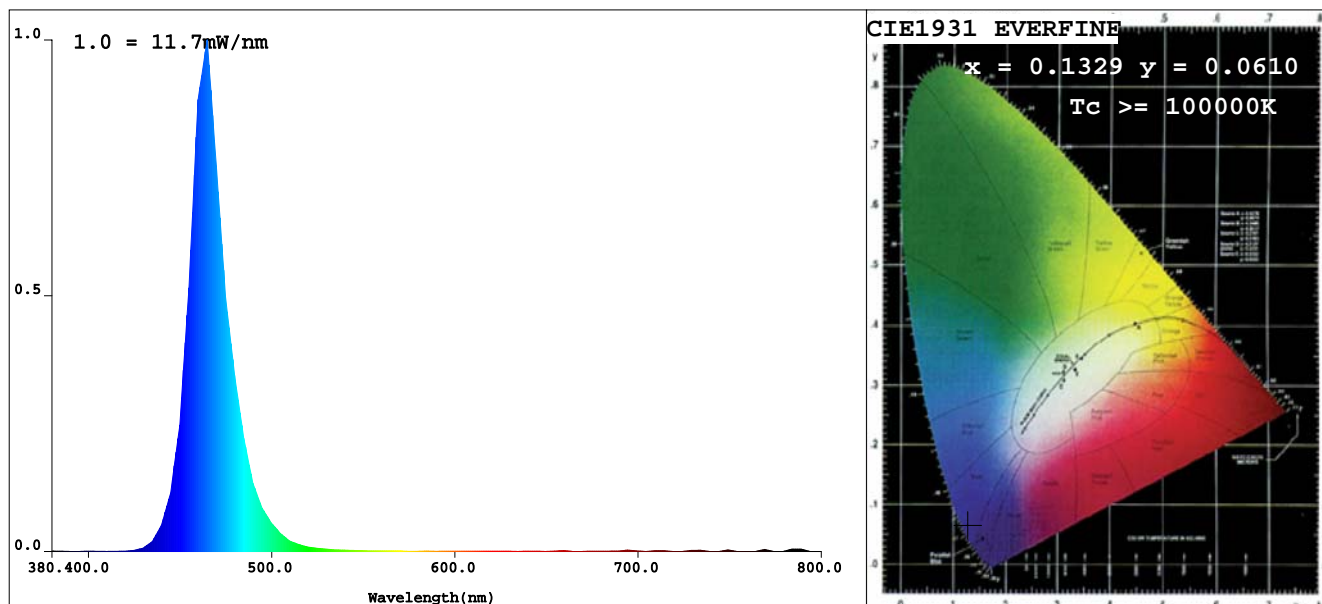
$I_p = 24381(G=5, D=54)$

REF = 10741

TMP(PMT) = 21.1degrees centigrade Test Mode: Fast Test

## Light Source Test Report

Length = 1M



### CIE Color Parameters:

Chromaticity Coordinate:  $x=0.1329$   $y=0.0610$  /  $u'=0.1533$   $v'=0.1585$  ( $duv=1.63e-001$ )

CCT:  $T_c \geq 100000K$  Prcp WaveL:  $\lambda_p=468.9nm$  Purity=97.1%

Peak WaveL:  $\lambda_p=465nm$  Half Width:  $\Delta\lambda=20.3nm$  Ratio: R=0.3% G=14.5% B=85.2%

Average Wave: 466nm PB=3.7048 PG=0.0173 PR=0.0023 PT=25.3105

Rendering Index:  $R_a=0.0$

R1 = 0 R2 = 0 R3 = 0 R4 = 0 R5 = 1 R6 = 0 R7 = 0 R8 = 0

R9 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0 R14 = 0 R15 = 0

### Photo Parameters:

Flux:  $\Phi=20.364(lm)$  Luminous Efficacy: 5.81(lm/W) Luminous Power:  $P=297.1(mW)$

### Electrical Parameters:

U=24V I=0.1504A P=3.6W PF=1.000

### Instrument Status:

Scan Range: 380.0nm-800.0nm

Interval: 5.0nm

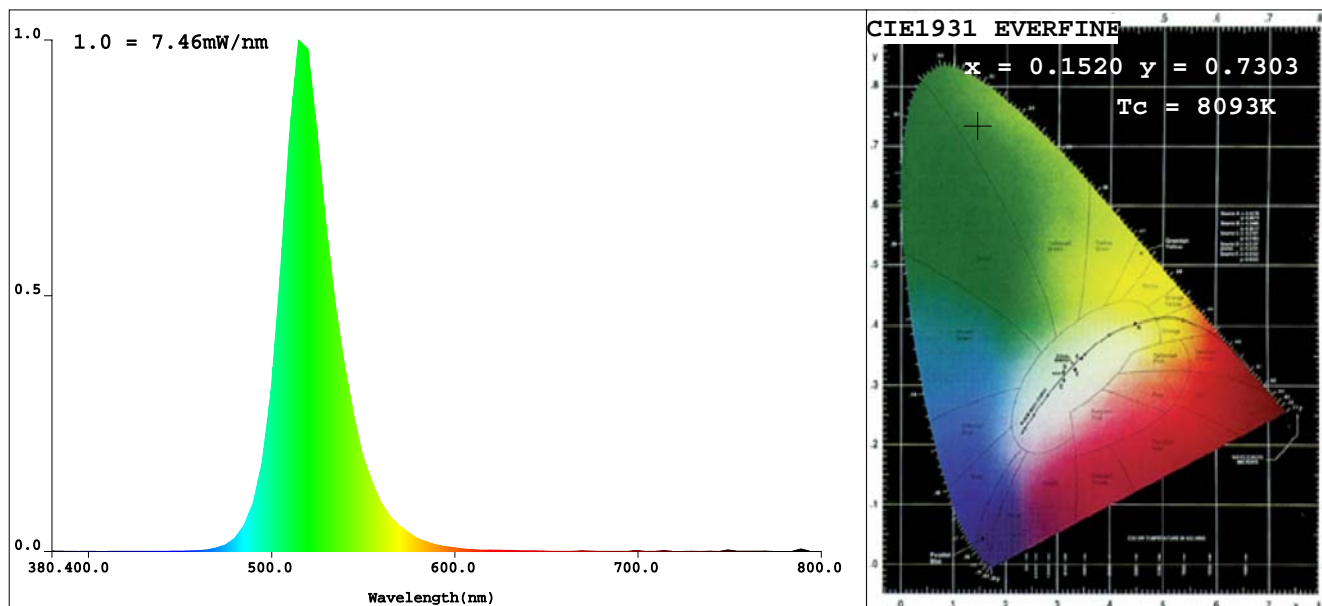
$I_p = 6148(G=4, D=51)$

REF = 1145

TMP(PMT) = 24.2degrees centigrade Test Mode: Fast Test

## Light Source Test Report

Length = 1M



### CIE Color Parameters:

Chromaticity Coordinate:  $x=0.1520$   $y=0.7303$  /  $u'=0.0531$   $v'=0.5736$  ( $duv=1.63e-001$ )

CCT:  $T_c = 8093K$  Prcp WaveL:  $\lambda_p = 524.1nm$  Purity=80.1%

Peak WaveL:  $\lambda_p = 515nm$  Half Width:  $\Delta\lambda = 30.4nm$  Ratio: R=0.2% G=97.5% B=2.3%

Average Wave: 521nm PB=0.0189 PG=2.4294 PR=0.0263 PT=36.4433

Rendering Index:  $R_a = 0.0$

R1 = 0 R2 = 0 R3 = 0 R4 = 0 R5 = 0 R6 = 0 R7 = 0 R8 = 0

R9 = 0 R10 = 0 R11 = 0 R12 = 0 R13 = 0 R14 = 35 R15 = 0

### Photo Parameters:

Flux:  $\Phi_v = 127.66(lm)$  Luminous Efficacy: 35.44(lm/W) Luminous Power:  $P = 272.0(mW)$

### Electrical Parameters:

U=24V I=0.1546A P=3.7W PF=1.000

### Instrument Status:

Scan Range: 380.0nm-800.0nm

Interval: 5.0nm

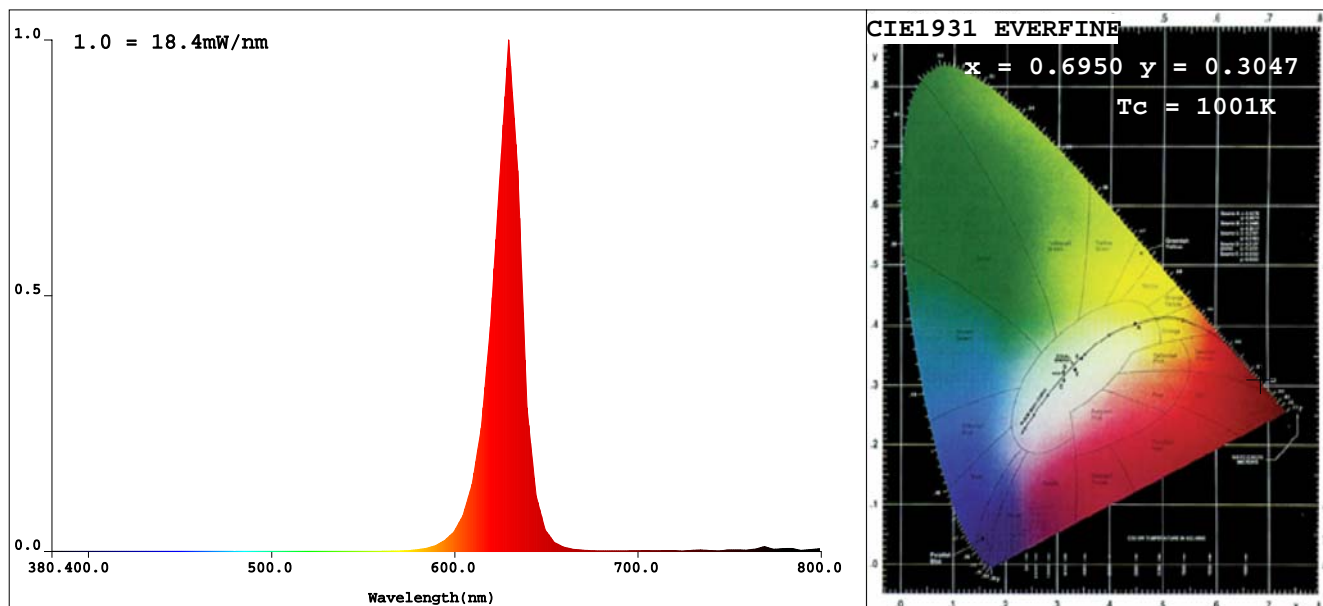
$I_p = 7355(G=5, D=62)$

REF = 6130

TMP(PMT) = 24.1degrees centigrade Test Mode: Fast Test

## Light Source Test Report

Length = 1M



### CIE Color Parameters:

Chromaticity Coordinate:  $x=0.6950$   $y=0.3047$  /  $u'=0.5279$   $v'=0.5207$  ( $duv=-8.03e-002$ )

CCT:  $T_c = 1001K$  Prcp WaveL:  $\lambda_p = 621.9nm$  Purity=99.9%

Peak WaveL:  $\lambda_p = 630nm$  Half Width:  $\Delta\lambda = 16.6nm$  Ratio: R=96.1% G=3.9% B=0.0%

Average Wave: 629nm PB=0.0002 PG=0.0007 PR=1.2920 PT=19.7567

Rendering Index: Ra=13.0

R1 = 6	R2 = 78	R3 = 29	R4 = 0	R5 = 0	R6 = 90	R7 = 4	R8 = 0
R9 = 0	R10 = 71	R11 = 0	R12 = 79	R13 = 29	R14 = 59	R15 = 0	

### Photo Parameters:

Flux:  $\Phi = 73.463(lm)$  Luminous Efficacy: 18.69(lm/W) Luminous Power:  $P = 364.8(mW)$

### Electrical Parameters:

U=24V I=0.1687A P=4.04W PF=1.000

### Instrument Status:

Scan Range: 380.0nm-800.0nm  
REF = 3571

Interval: 5.0nm

TMP(PMT) = 23.6degrees centigrade

Ip = 7277(G=5,D=61)

Test Mode: Fast Test