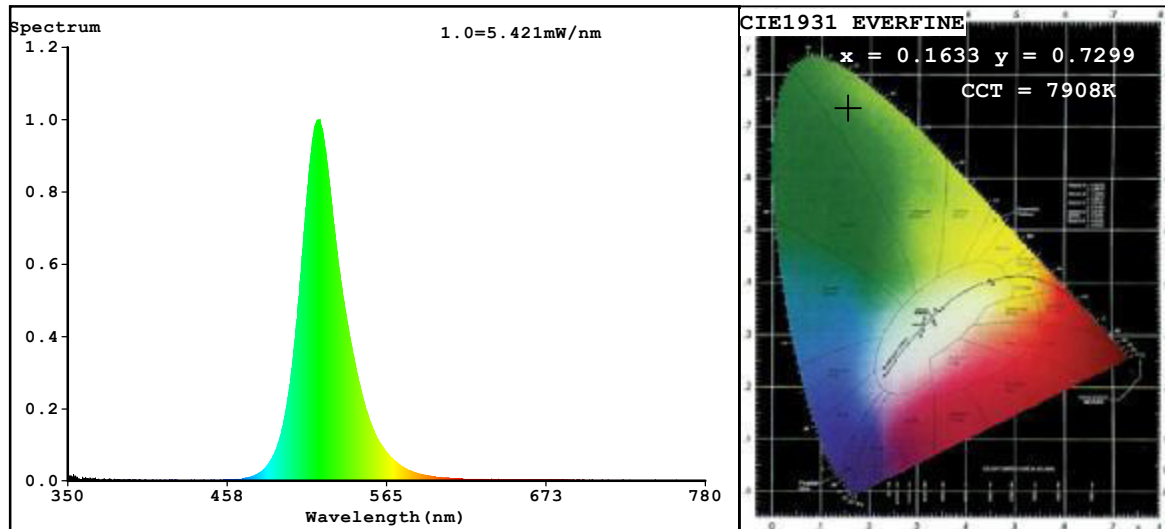


## Spectrum Test Report



## Color Parameters:

Chromaticity Coordinate:  $x=0.1633$   $y=0.7299$   $u'=0.0571$   $v'=0.5746$

$CCT=7908K$  ( $Duv=0.1599$ ) Dominant WL:  $Ld = 526.2nm$  Purity=81.1%

Ratio:  $R=0.3\%$   $G=97.8\%$   $B=1.9\%$  Peak WL:  $Lp=518.8nm$  FWHM=30.2nm

Render Index:  $Ra=0.0$  CRI=2.6 AvgR=2.4

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

$R8 = 0$   $R9 = 0$   $R10=0$   $R11=0$   $R12=0$   $R13=0$   $R14=36$   $R15=0$

## Photo Parameters:

Flux = 95.38 lm Eff. : 81.20 lm/W Fe = 198.1 mW

## Electrical parameters:

$V = 11.998 V$   $I = 0.09790 A$   $P = 1.175 W$  PF = 1.000

LEVEL:OUT

WHITE:OUT

Status: Integral T = 3818 ms  $I_p = 47819$  (73%)

Model : LS12M210RGB1

Tester:

Temperature: 25.3Deg

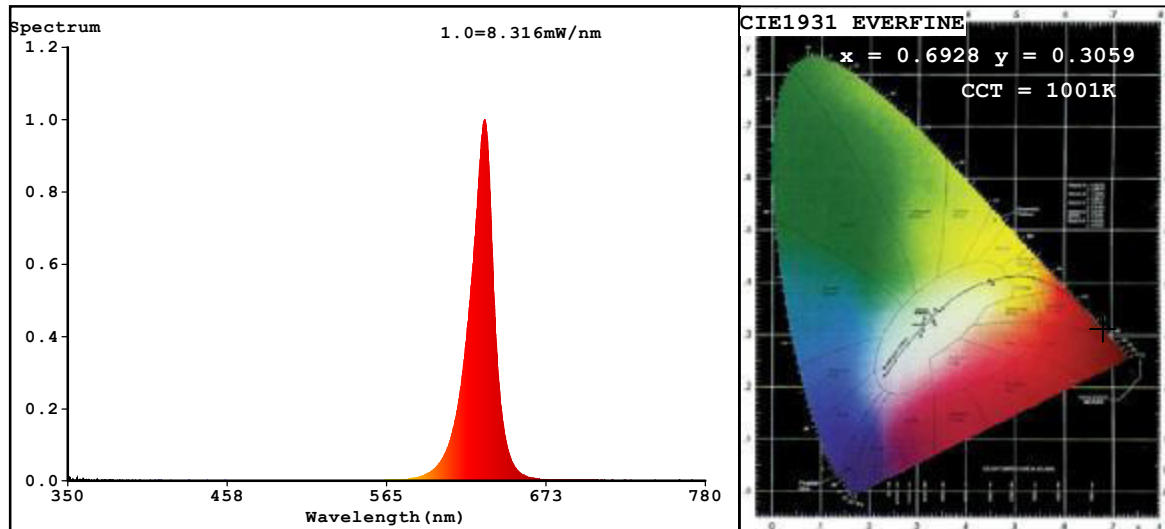
Manufacturer:

Date: 2016-12-12 15:05:33

Humidity: 65.0%

Remarks:

## Spectrum Test Report



## Color Parameters:

Chromaticity Coordinate:  $x=0.6928$   $y=0.3059$   $u'=0.5243$   $v'=0.5209$

CCT=1001K (Duv=-0.0767) Dominant WL:  $\lambda_d = 621.3\text{nm}$  Purity=99.6%

Ratio: R=95.4% G=4.6% B=0.0% Peak WL:  $\lambda_p = 631.3\text{nm}$  FWHM=16.3nm

Render Index:  $R_a=28.1$  CRI=33.5 AvgR=31.3

R1 =10 R2 =79 R3 =32 R4 =0 R5 =5 R6 =91 R7 =8

R8 =0 R9 =0 R10=73 R11=0 R12=79 R13=32 R14=61 R15=0

## Photo Parameters:

Flux = 34.04 lm Eff. : 29.87 lm/W  $P_e = 167.0\text{ mW}$

## Electrical parameters:

V = 11.998 V I = 0.09500 A P = 1.140 W PF = 1.000

LEVEL:OUT

WHITE:OUT

Status: Integral T = 2000 ms  $I_p = 37412$  (57%)

Model:LS12M210RGB1

Tester:

Temperature:25.3Deg

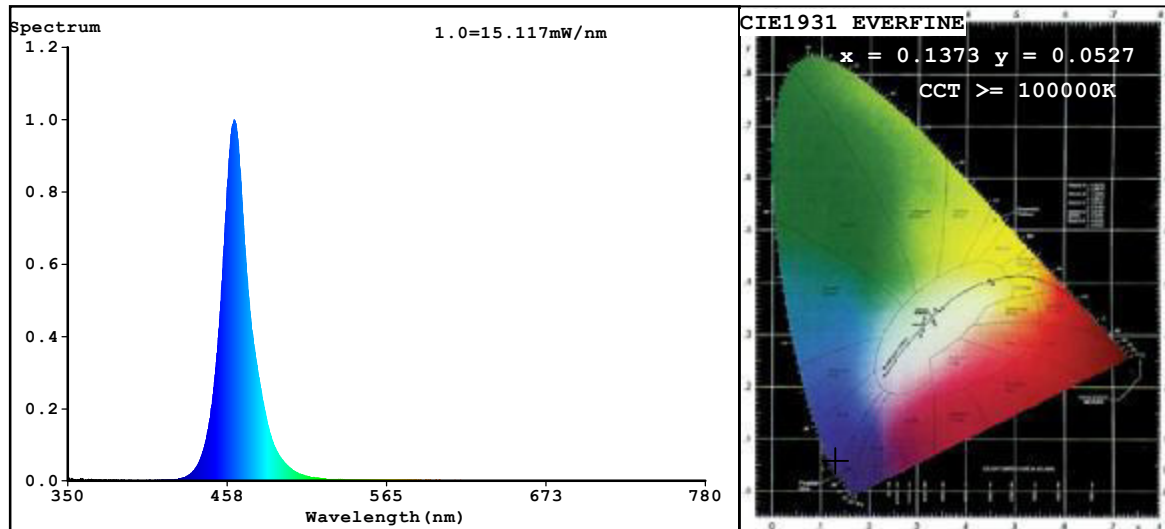
Manufacturer:

Date:2016-12-12 15:06:10

Humidity:65.0%

Remarks:

## Spectrum Test Report



## Color Parameters:

Chromaticity Coordinate:  $x=0.1373$   $y=0.0527$  /  $u'=0.1636$   $v'=0.1412$   
CCT=100000K (Duv=0.1727) Dominant WL:  $\lambda_d = 466.7\text{nm}$  Purity=97.3%  
Ratio: R=0.5% G=12.7% B=86.7% Peak WL:  $\lambda_p = 462.2\text{nm}$  FWHM=18.9nm  
Render Index: Ra=0.5 CRI=0.3 AvgR=0.3  
R1 =0 R2 =0 R3 =0 R4 =0 R5 =4 R6 =0 R7 =0  
R8 =0 R9 =0 R10=0 R11=0 R12=0 R13=0 R14=0 R15=0

## Photo Parameters:

Flux = 22.18 lm Eff. : 17.74 lm/W Fe = 359.3 mW

## Electrical parameters:

V = 11.998 V I = 0.1042 A P = 1.250 W PF = 1.000

LEVEL:OUT WHITE:OUT

Status: Integral T = 2000 ms Ip = 53822 (82%)

Model: LS12M210RGB1

Tester:

Temperature: 25.3Deg

Manufacturer:

Date: 2016-12-12 15:06:37

Humidity: 65.0%

Remarks: