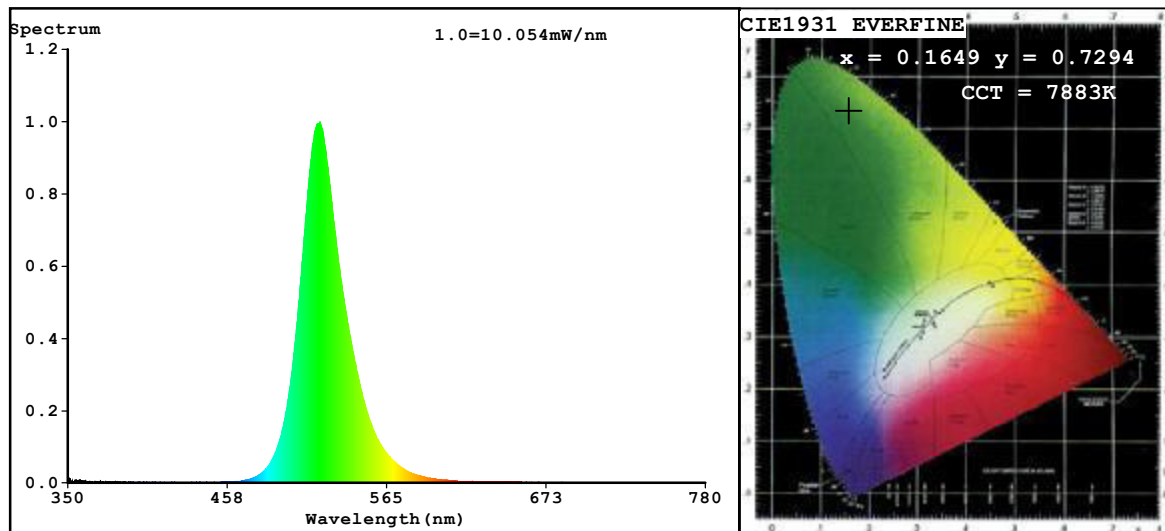


## Spectrum Test Report



## Color Parameters:

Chromaticity Coordinate:  $x=0.1649$   $y=0.7294$   $u'=0.0577$   $v'=0.5747$

CCT=7883K (Duv=0.1594) Dominant WL:  $\lambda_d = 526.4\text{nm}$  Purity=81.2%

Ratio: R=0.3% G=97.8% B=1.9% Peak WL:  $\lambda_p = 520.1\text{nm}$  FWHM=30.8nm

Render Index: Ra=0.0 CRI=2.6 AvgR=2.5

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 = 37 R15 = 0

## Photo Parameters:

Flux = 179.5 lm Eff. : 76.47 lm/W Fe = 370.5 mW

## Electrical parameters:

V = 11.998 V I = 0.1956 A P = 2.347 W PF = 1.000

LEVEL: OUT

WHITE: OUT

Status: Integral T = 2000 ms Ip = 46480 (71%)

Model: LS12M230RGB1

Tester:

Temperature: 25.3Deg

Manufacturer:

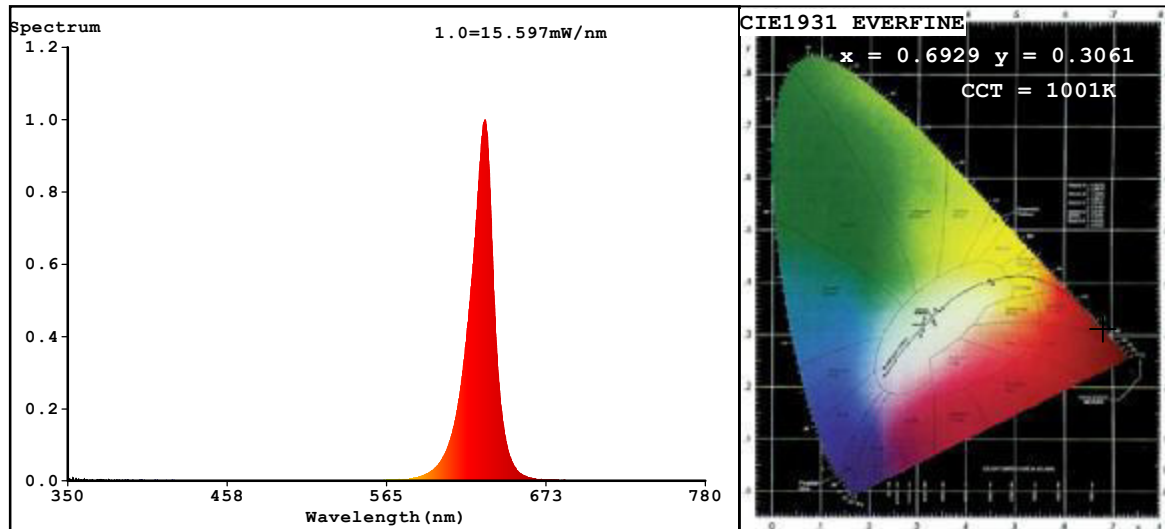
Number:

Date: 2016-12-12 15:20:08

Humidity: 65.0%

Remarks:

## Spectrum Test Report



## Color Parameters:

Chromaticity Coordinate:  $x=0.6929$   $y=0.3061$   $u'=0.5242$   $v'=0.5210$

CCT=1001K (Duv=-0.0767) Dominant WL:  $\lambda_d = 621.2\text{nm}$  Purity=99.7%

Ratio: R=95.3% G=4.7% B=0.0% Peak WL:  $\lambda_p = 631.6\text{nm}$  FWHM=16.3nm

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

R1 =10 R2 =79 R3 =33 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 = 63.69 lm Eff. : 28.19 lm/W Fe = 311.8 mW

## Electrical parameters:

V = 11.998 V I = 0.1883 A P = 2.259 W PF = 1.000

LEVEL:OUT

WHITE:OUT

Status: Integral T = 1000 ms Ip = 35010 (53%)

Model: LS12M230RGB1

Tester:

Temperature: 25.3Deg

Manufacturer:

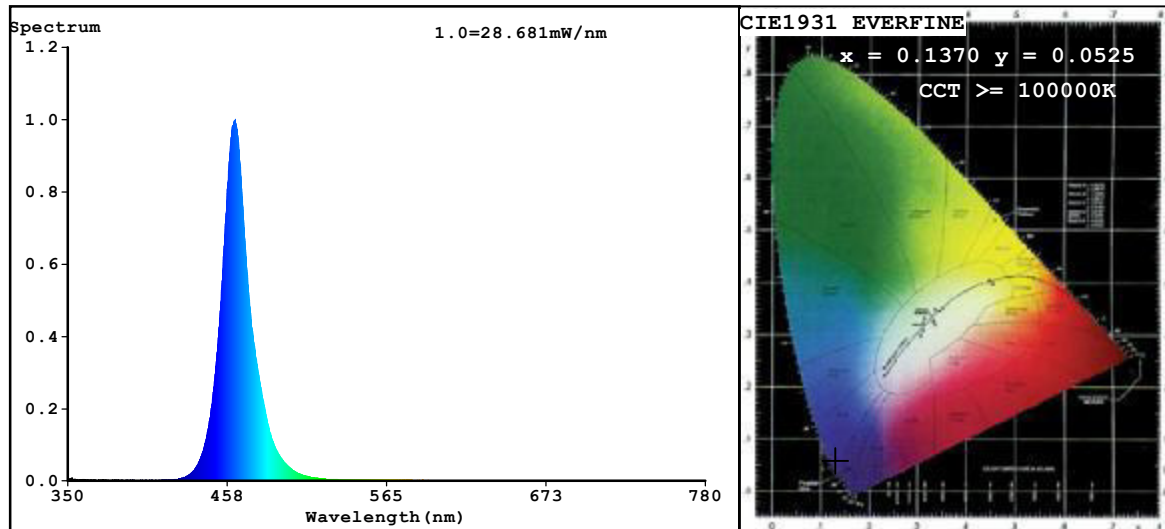
Number:

Date: 2016-12-12 15:20:45

Humidity: 65.0%

Remarks:

## Spectrum Test Report



## Color Parameters:

Chromaticity Coordinate:  $x=0.1370$   $y=0.0525$   $u'=0.1633$   $v'=0.1408$

CCT=100000K (Duv=0.1729) Dominant WL:  $\lambda_d = 466.8\text{nm}$  Purity=97.5%

Ratio: R=0.4% G=12.1% B=87.4% Peak WL:  $\lambda_p = 462.9\text{nm}$  FWHM=19.1nm

Render Index:  $R_a=0.3$  CRI=0.2 AvgR=0.2

R1 = 0 R2 = 0 R3 = 0 R4 = 0 R5 = 3 R6 = 0 R7 = 0

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

## Photo Parameters:

Flux = 42.30 lm Eff. : 16.88 lm/W Fe = 687.4 mW

## Electrical parameters:

V = 11.998 V I = 0.2088 A P = 2.505 W PF = 1.000

LEVEL: OUT

WHITE: OUT

Status: Integral T = 1000 ms Ip = 51243 (78%)

Model: LS12M230RGB1  
Tester:  
Temperature: 25.3Deg  
Manufacturer:

Number:  
Date: 2016-12-12 15:21:08  
Humidity: 65.0%  
Remarks: