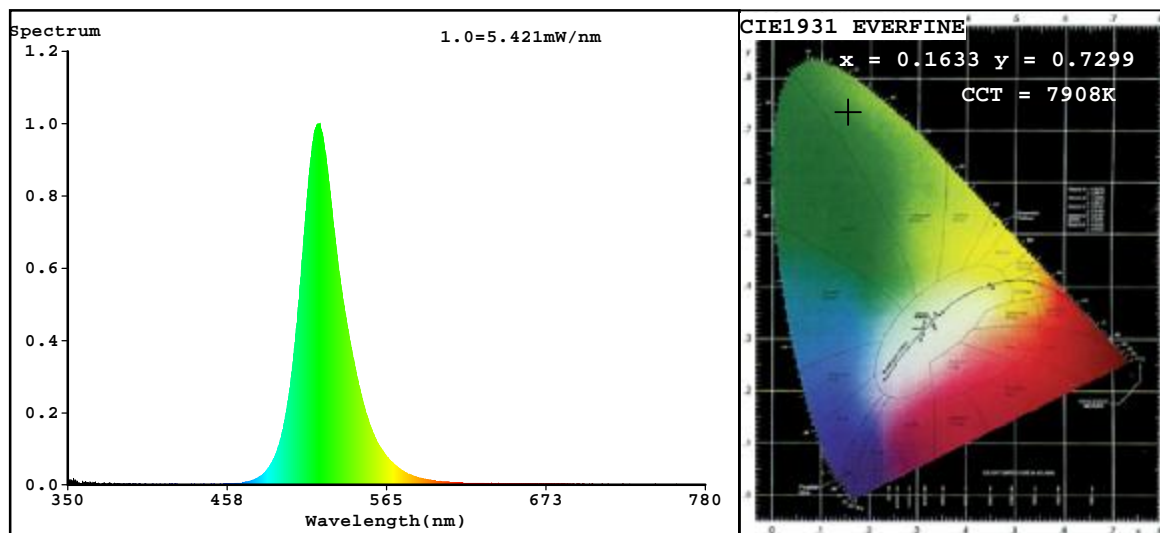


**Spectrum Test Report**



**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

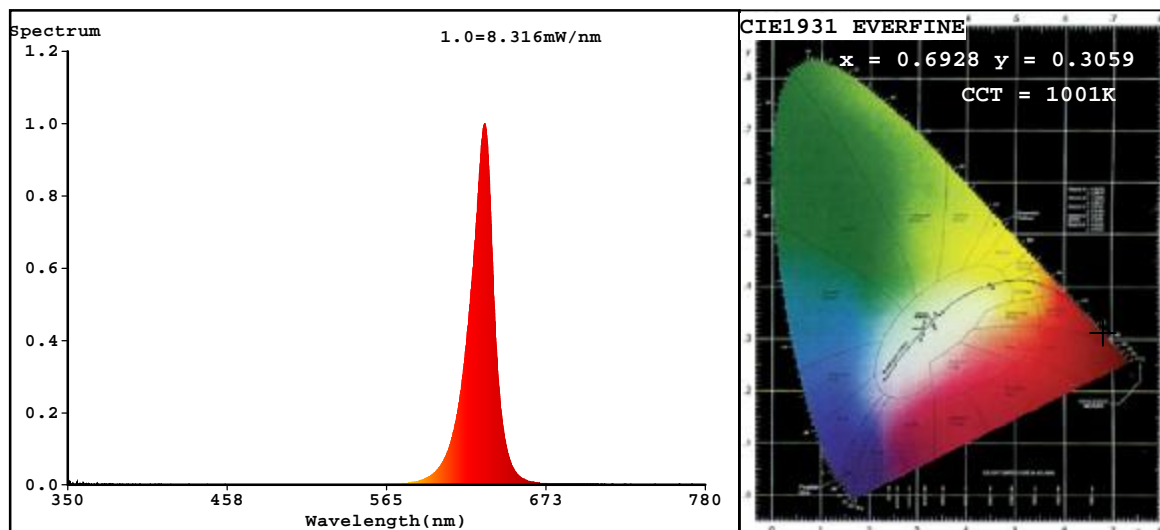
LEVEL:OUT WHITE:OUT

Status: Integral T = 3818 ms Ip = 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:Ld =621.3nm Purity=99.6%  
 Ratio:R=95.4% G=4.6% B=0.0% Peak WL:Lp=631.3nm FWHM=16.3nm  
 Render Index:Ra=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 Fe = 167.0 mW

**Electrical parameters:**

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

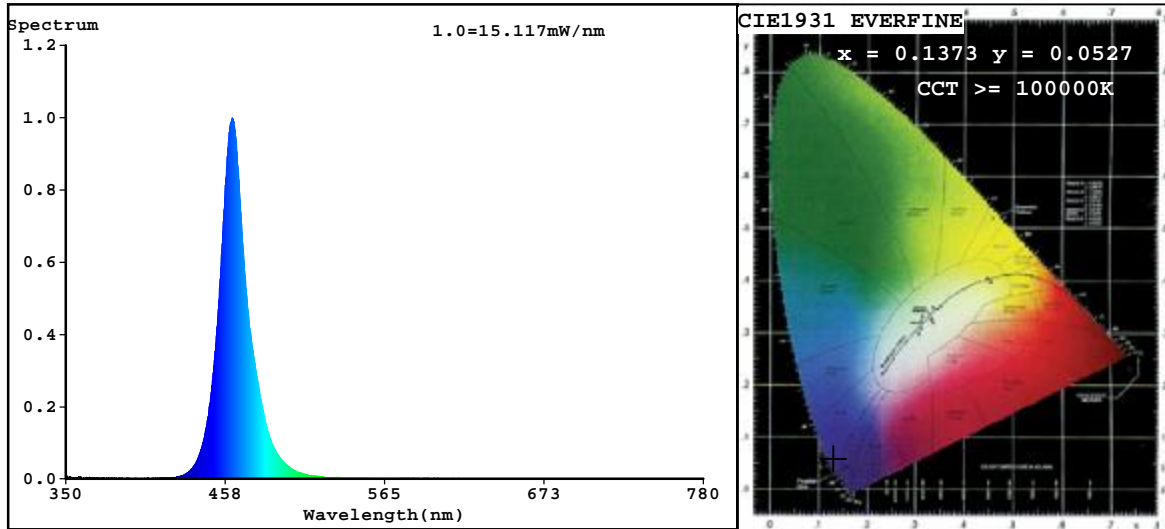
LEVEL:OUT WHITE:OUT

Status: Integral T = 2000 ms Ip = 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:Ld =466.7nm Purity=97.3%  
 Ratio:R=0.5% G=12.7% B=86.7% Peak WL:Lp=462.2nm 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: