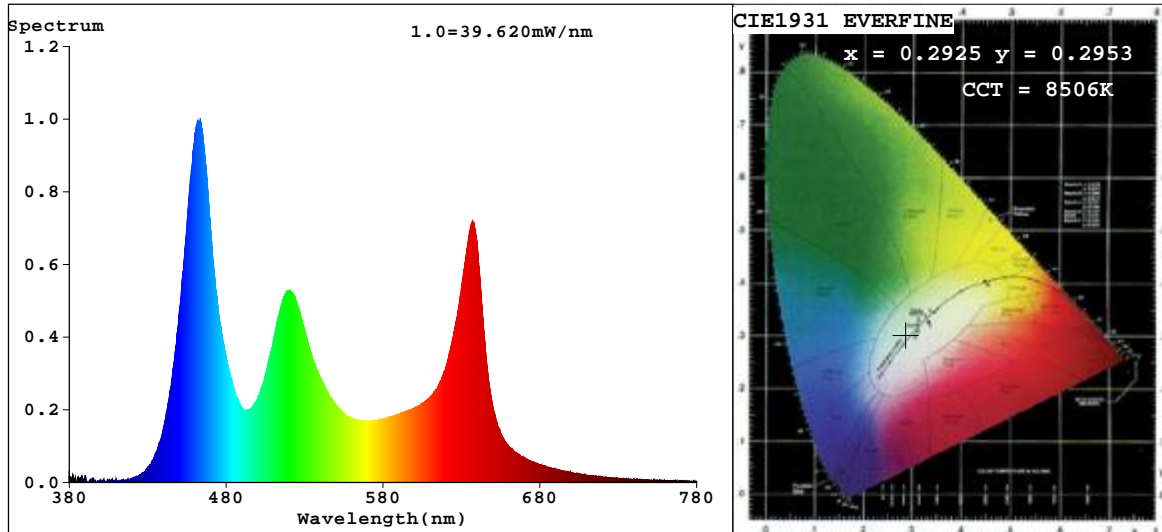


**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.2925$   $y=0.2953$  /  $u'=0.1963$   $v'=0.4460$   
 CCT=8506K (Duv=-0.0035) Dominant WL:Ld =478.2nm Purity=17.4%  
 Ratio:R=19.7% G=71.5% B=8.7% Peak WL:Lp=463.5nm FWHM=23.5nm  
 Render Index:Ra=67.9  
 R1 =56 R2 =76 R3 =90 R4 =66 R5 =66 R6 =73 R7 =77  
 R8 =40 R9 =0 R10=48 R11=56 R12=66 R13=59 R14=90 R15=47

**Photo Parameters:**

Flux = 814.1 lm Eff. : 54.81 lm/W Fe = 3.226 W Scotopic:2440.1 S/P:2.9973  
 Photosynthetic:PPF:14.38umol/m2/s PAR WATT:3190.4mW/m2(400-700nm)

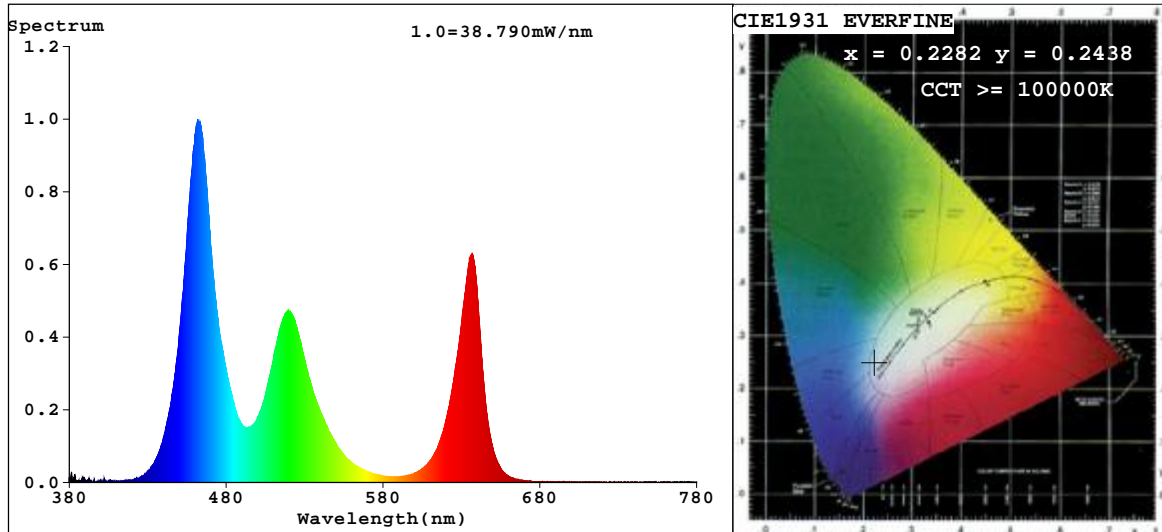
**Electrical parameters:**

V = 23.998 V I = 0.6189 A P = 14.85 W PF = 1.000  
 LEVEL:OUT WHITE:OUT

Status: Integral T = 127 ms Ip = 29919 (46%)

Model:72D 24V 15W RGBW3000K	Number:367
Tester:	Date:2021-08-30
Temperature:26DegDeg	Humidity:65%
Manufacturer:	Remarks:R361 W181 GB271 29G 21255

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.2282$   $y=0.2438$  /  $u'=0.1669$   $v'=0.4012$   
 CCT=100000K (Duv=0.0138) Dominant WL:  $L_d = 479.6\text{nm}$  Purity=43.7%  
 Ratio: R=17.9% G=69.1% B=13.0% Peak WL:  $L_p = 461.8\text{nm}$  FWHM=21.5nm  
 Render Index: Ra=59.5  
 R1 =50 R2 =69 R3 =77 R4 =69 R5 =69 R6 =70 R7 =61  
 R8 =10 R9 =0 R10=27 R11=58 R12=65 R13=50 R14=83 R15=26

**Photo Parameters:**

Flux = 476.3 lm Eff. : 43.59 lm/W Fe = 2.226 W Scotopic:2009.9 S/P:4.2195  
 Photosynthetic:PPF:9.6803umol/m2/s PAR WATT:2220.7mW/m2(400-700nm)

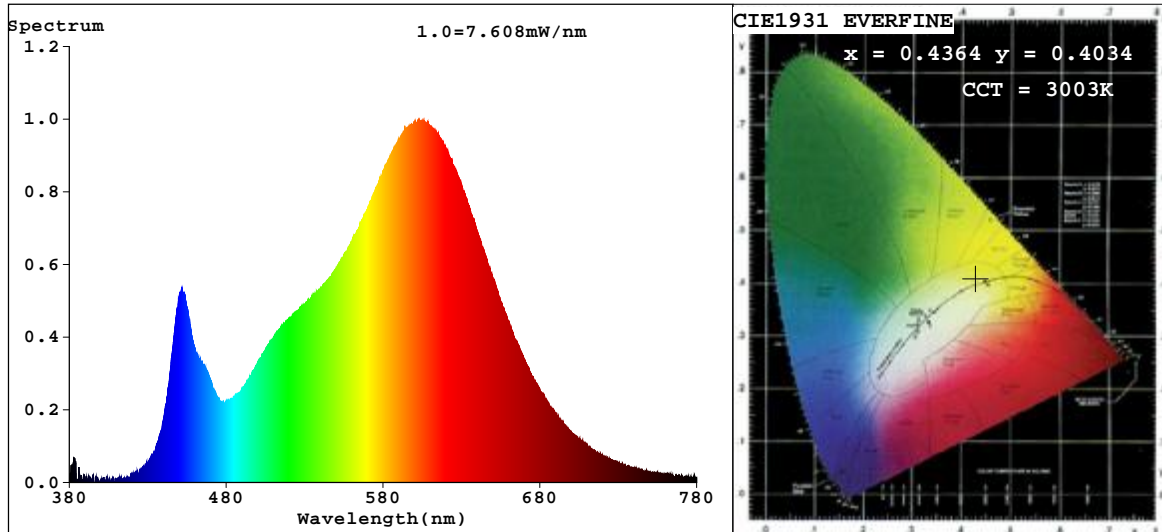
**Electrical parameters:**

V = 23.998 V I = 0.4553 A P = 10.93 W PF = 1.000  
 LEVEL:OUT WHITE:OUT

Status: Integral T = 208 ms Ip = 46380 (71%)

Model:RGB	Number:368
Tester:	Date:2021-08-30
Temperature:26DegDeg	Humidity:65%
Manufacturer:	Remarks:

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.4364$   $y=0.4034$  /  $u'=0.2505$   $v'=0.5210$   
 CCT=3003K(Duv=-0.0002) Dominant WL:Ld =582.9nm Purity=52.1%  
 Ratio:R=23.0% G=74.2% B=2.8% Peak WL:Lp=603.1nm FWHM=122.8nm  
 Render Index:Ra=83.0  
 R1 =82 R2 =93 R3 =95 R4 =81 R5 =82 R6 =91 R7 =82  
 R8 =58 R9 =7 R10=83 R11=80 R12=74 R13=85 R14=98 R15=74

**Photo Parameters:**

Flux = 366.1 lm Eff. : 93.18 lm/W Fe = 1.110 W Scotopic:501.14 S/P:1.369  
 Photosynthetic:PPF:5.1889umol/m2/s PAR WATT:1077.4mW/m2(400-700nm)

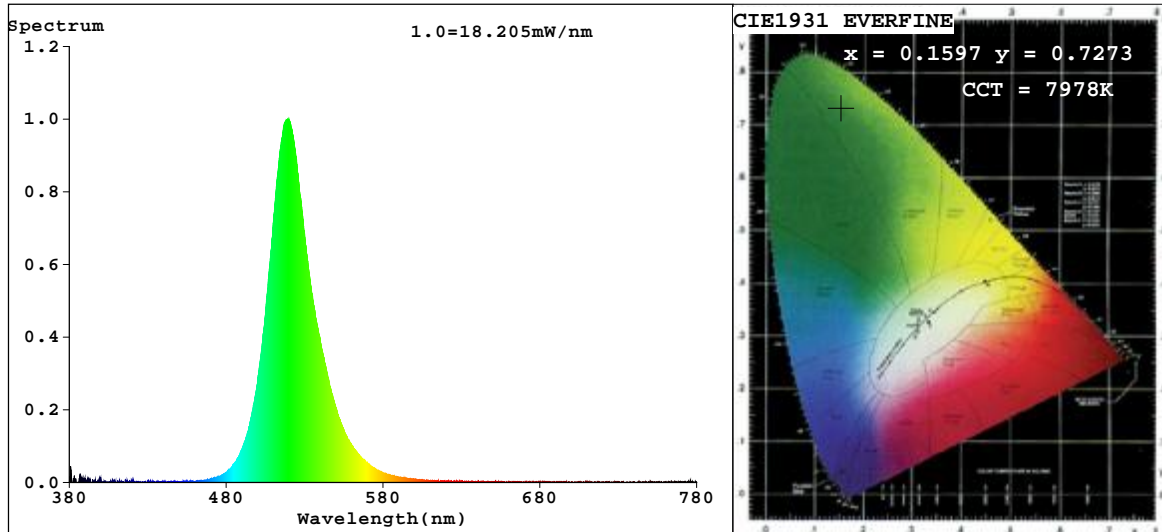
**Electrical parameters:**

V = 23.998 V I = 0.1637 A P = 3.928 W PF = 1.000  
 LEVEL:OUT WHITE:ANSI\_3000K

Status: Integral T = 555 ms Ip = 40182 (61%)

Model:W3000K	Number:369
Tester:	Date:2021-08-30
Temperature:26DegDeg	Humidity:65%
Manufacturer:	Remarks:2.9-3.1 10-12 2958+/-87

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.1597$   $y=0.7273$  /  $u'=0.0560$   $v'=0.5738$   
 CCT=7978K (Duv=0.1606) Dominant WL:  $L_d = 525.3\text{nm}$  Purity=80.1%  
 Ratio: R=0.3% G=97.6% B=2.1% Peak WL:  $L_p=519.2\text{nm}$  FWHM=29.7nm  
 Render 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=38    R15=0

**Photo Parameters:**

Flux = 315.2 lm    Eff. : 81.03 lm/W    Fe = 661.0 mW    Scotopic: 921.26 S/P: 2.9226  
 Photosynthetic: PPF: 2.8826  $\mu\text{mol}/\text{m}^2/\text{s}$     PAR WATT: 658.4  $\text{mW}/\text{m}^2$  (400-700nm)

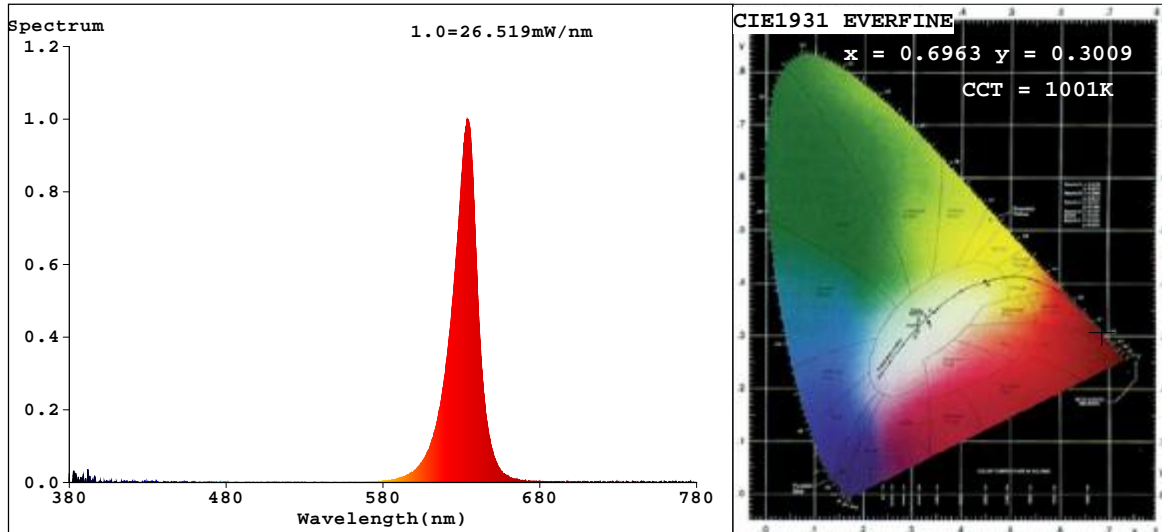
**Electrical parameters:**

V = 23.998 V    I = 0.1621 A    P = 3.890 W    PF = 1.000  
 LEVEL: OUT    WHITE: OUT

Status: Integral T = 277 ms    Ip = 49876 (76%)

Model: G	Number: 370
Tester:	Date: 2021-08-30
Temperature: 26DegDeg	Humidity: 65%
Manufacturer:	Remarks: 2.9-3.1 1400-1620 520-525

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.6963$   $y=0.3009$  /  $u'=0.5337$   $v'=0.5190$   
 CCT=1001K(Duv=-0.0863) Dominant WL:Ld =624.2nm Purity=99.2%  
 Ratio:R=96.2% G=3.7% B=0.0% Peak WL:Lp=634.1nm FWHM=16.2nm  
 Render Index:Ra=28.5  
 R1 =10 R2 =80 R3 =32 R4 =0 R5 =7 R6 =92 R7 =8  
 R8 =0 R9 =0 R10=75 R11=0 R12=78 R13=33 R14=60 R15=0

**Photo Parameters:**

Flux = 97.01 lm Eff. : 30.81 lm/W Fe = 531.4 mW Scotopic:5.8317 S/P:0.060116  
 Photosynthetic:PPF:2.7772umol/m2/s PAR WATT:527.54mW/m2(400-700nm)

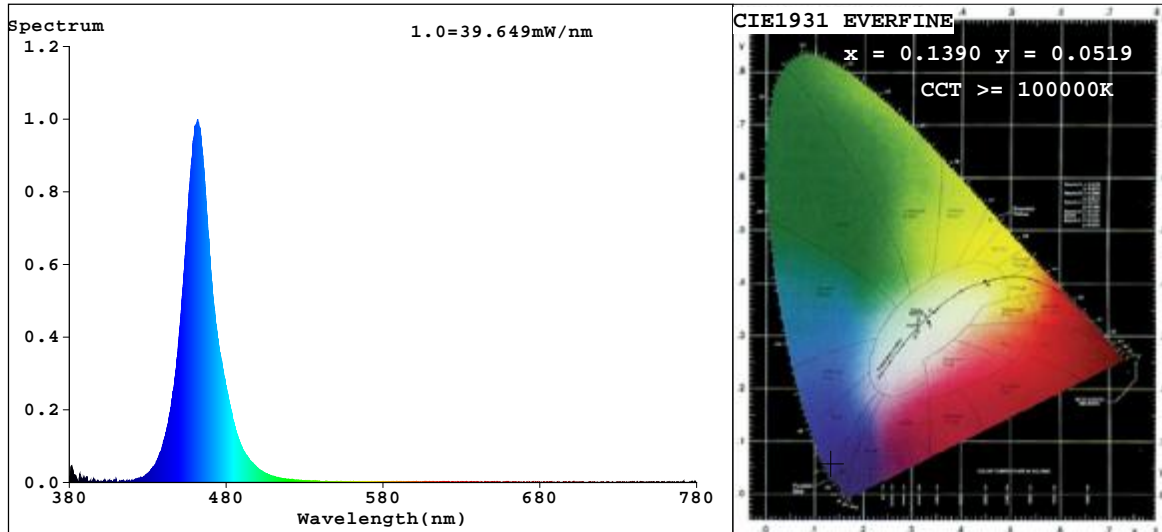
**Electrical parameters:**

V = 23.998 V I = 0.1312 A P = 3.149 W PF = 1.000  
 LEVEL:OUT WHITE:OUT

Status: Integral T = 138 ms Ip = 30580 (47%)

Model:R	Number:371
Tester:	Date:2021-08-30
Temperature:26DegDeg	Humidity:65%
Manufacturer:	Remarks:2.1-2.3 400-600 622-627

**Spectrum Test Report**



**Color Parameters:**

Chromaticity Coordinate:  $x=0.1390$   $y=0.0519$  /  $u'=0.1662$   $v'=0.1397$   
 CCT=100000K (Duv=0.1734) Dominant WL:  $\lambda_d = 466.2\text{nm}$  Purity=97.1%  
 Ratio: R=0.7% G=14.9% B=84.4% Peak WL:  $\lambda_p = 461.8\text{nm}$  FWHM=20.1nm  
 Render Index: Ra=0.7  
 R1 = 0    R2 = 0    R3 = 0    R4 = 0    R5 = 5    R6 = 0    R7 = 0  
 R8 = 0    R9 = 0    R10=0    R11=0    R12=0    R13=0    R14=0    R15=3

**Photo Parameters:**

Flux = 61.99 lm    Eff. : 16.87 lm/W    Fe = 1.015 W    Scotopic: 1034.5 S/P: 16.688  
 Photosynthetic: PPF: 3.9144  $\mu\text{mol}/\text{m}^2/\text{s}$     PAR WATT: 1008.4  $\text{mW}/\text{m}^2$  (400-700nm)

**Electrical parameters:**

V = 23.998 V    I = 0.1531 A    P = 3.674 W    PF = 1.000  
 LEVEL: OUT    WHITE: OUT

Status: Integral T = 138 ms    Ip = 31045 (47%)

Model: B	Number: 372
Tester:	Date: 2021-08-30
Temperature: 26DegDeg	Humidity: 65%
Manufacturer:	Remarks: 2.9-3.1 300-500 465-470