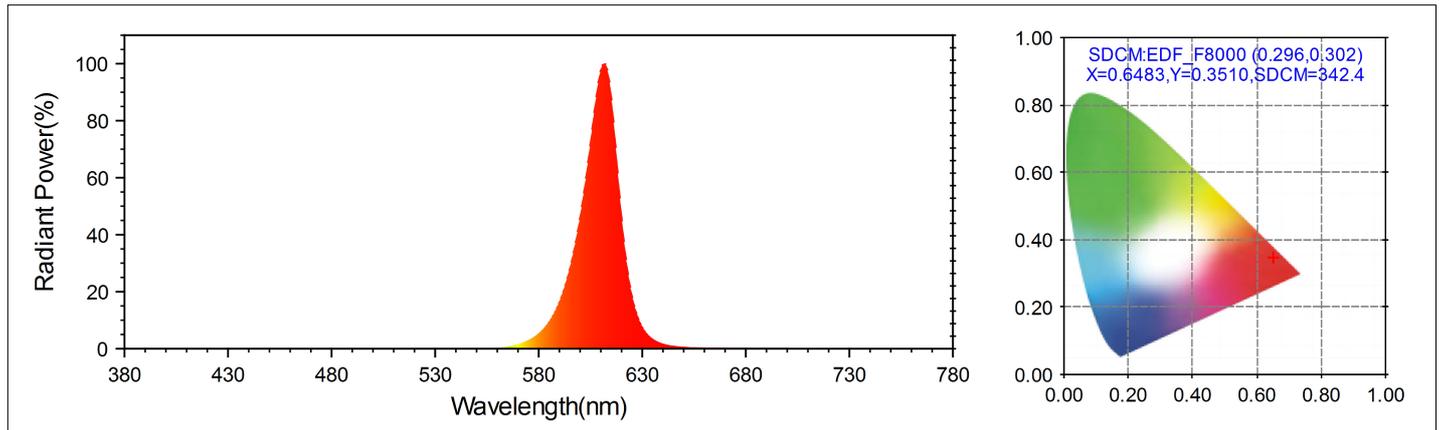


## 光谱分析测试



## Color parameters:

Color coordinates:  $x=0.6483$ ,  $y=0.3510/u' = 0.0000$ ,  $v' = 0.0000$ ;  
Color temperature: CCT=2226K (Duv=0.0000);  
Peak wavelength: WP=611.4nm; Main wavelength: WD=605.1nm; Half wave width: FWHM=18.4nm;  
Color ratio: R=74.0%, G=26.0%, B=0.0%; Color purity: Purity=99.9%;  
Color tolerance: SDCM=342.43;  
Color rendering index: Ra=24.8;  
R1 = 7.9 , R2 = 76.5 , R3 = 25.4 , R4 = 0.0 , R5 = 0.0  
R6 = 87.5 , R7 = 1.3 , R8 = 0.0 , R9 = 0.0 , R10= 67.7  
R11= 0.0 , R12= 76.4 , R13= 27.2 , R14= 58.2 , R15= 0.0  
TM30:Rf=0.0, Rg=0.0  
CSS:NTSC, 0.0%

## Luminous parameters:

Luminous flux  $\Phi = 117.432$  lm; Light efficiency: 58.2 lm/W;  
Radiation flux  $\Phi_e = 189.6$  mW  
Optoelectronic efficiency WPE=9.40%  
UVA=0.000 mW, UVB=0.000 mW, UVC=0.000 mW  
Illuminance Lx=0.0000 LUX

## Plant lamp parameters:

Photosynthetic radiation parameters (400~700nm):  
Photosynthetic quantum flux PPF: 15.4103  $\mu\text{mol/s}$   
Photosynthetically active radiation flux PAR: 0.0023 MW  
Photosynthetic photon flux efficiency EFF: 76.4144  $\mu\text{mol/s/w}$

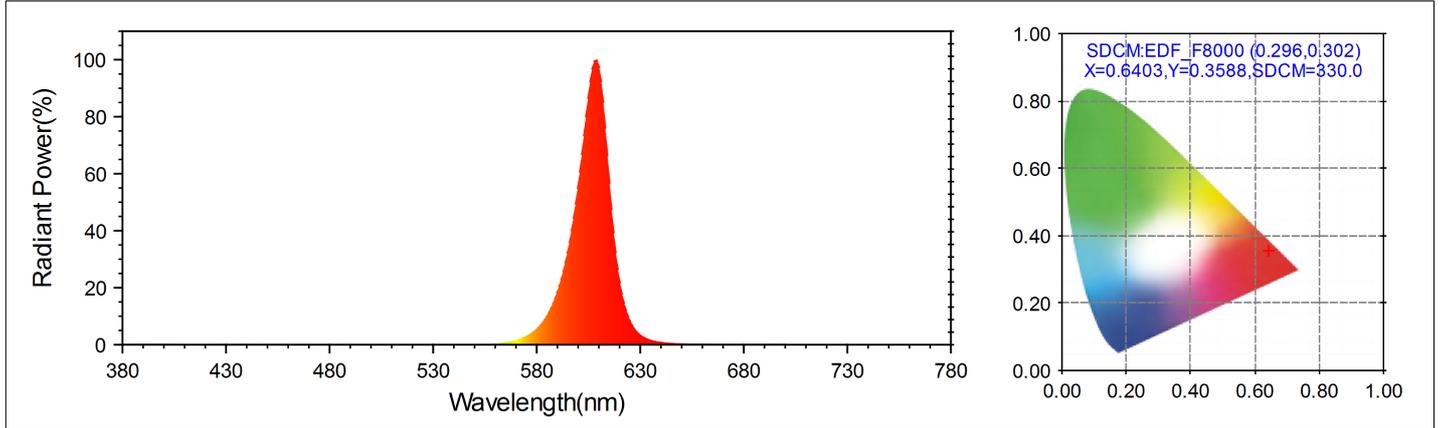
## Electrical parameters:

Forward voltage: VF= 2.8810 V; Forward current: IF=700.0000 mA  
Power: P=2.0167 W; Power factor PF=1.00  
Instrument status:  
Integral time T=1.23 ms; Ip=45355 (69.21%)

Product Model:  
Tested by:  
Temperature:  
Manufacturer:  
Remarks:

Product Number: 260114104244  
Test Date: 2026-01-14 10:42:52  
Humidity:  
Organization:

## 光谱分析测试



### Color parameters:

Color coordinates:  $x=0.6403$ ,  $y=0.3588/u' = 0.0000$ ,  $v' = 0.0000$ ;  
 Color temperature: CCT=2015K (Duv=0.0000);  
 Peak wavelength: WP=608.4nm; Main wavelength: WD=603.1nm; Half wave width: FWHM=16.8nm;  
 Color ratio: R=69.3%, G=30.7%, B=0.0%; Color purity: Purity=99.9%;  
 Color tolerance: SDCM=330.00;  
 Color rendering index: Ra=21.9;  
 R1 = 0.0 , R2 = 73.0 , R3 = 19.0 , R4 = 0.0 , R5 = 0.0  
 R6 = 83.1 , R7 = 0.0 , R8 = 0.0 , R9 = 0.0 , R10= 63.3  
 R11= 0.0 , R12= 69.0 , R13= 19.2 , R14= 52.7 , R15= 0.0  
 TM30:Rf=0.0, Rg=0.0  
 CSS:NTSC, 0.0%

### Luminous parameters:

Luminous flux  $\Phi = 83.883$  lm; Light efficiency: 97.9 lm/W;  
 Radiation flux  $\Phi_e = 123.2$  mW  
 Optoelectronic efficiency WPE=14.39%  
 UVA=0.000 mW, UVB=0.000 mW, UVC=0.000 mW  
 Illuminance Lx=0.0000 LUX

### Plant lamp parameters:

Photosynthetic radiation parameters (400~700nm):  
 Photosynthetic quantum flux PPF: 9.9624  $\mu\text{mol/s}$   
 Photosynthetically active radiation flux PAR: 0.0043 MW  
 Photosynthetic photon flux efficiency EFF: 116.2938  $\mu\text{mol/s/w}$

### Electrical parameters:

Forward voltage: VF= 2.4476 V; Forward current: IF=350.0000 mA  
 Power: P=0.8567 W; Power factor PF=1.00  
 Instrument status:  
 Integral time T=1.59 ms; Ip=42893 (65.45%)

Product Model:  
 Tested by:  
 Temperature:  
 Manufacturer:  
 Remarks:

Product Number: 260114104304  
 Test Date: 2026-01-14 10:43:08  
 Humidity:  
 Organization: