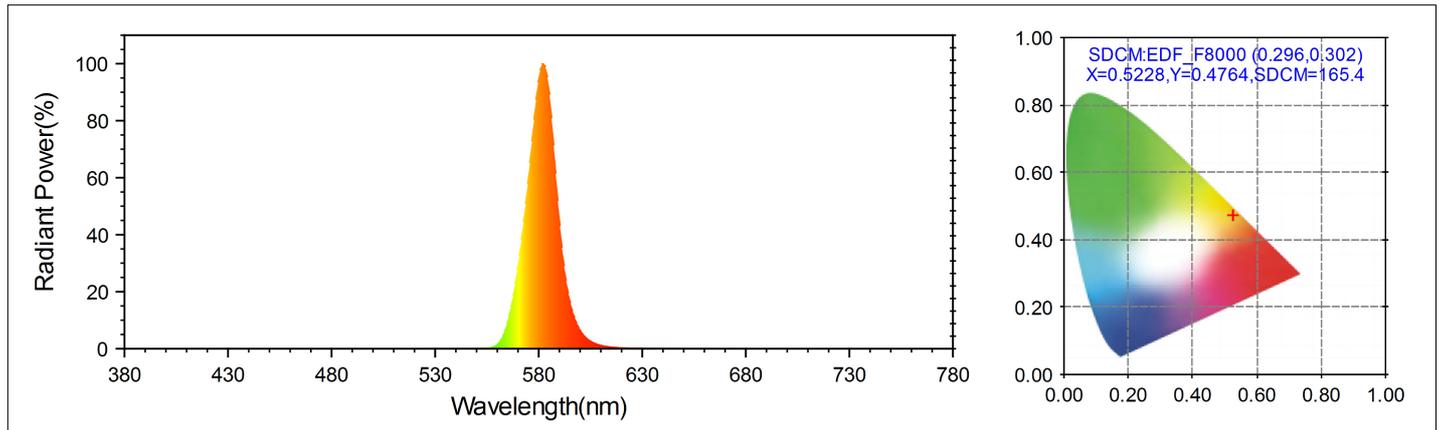


## 光谱分析测试



### Color parameters:

Color coordinates:  $x=0.5228$ ,  $y=0.4764/u' = 0.0000$ ,  $v' = 0.0000$ ;  
 Color temperature: CCT=2433K (Duv=0.0000);  
 Peak wavelength: WP=582.1nm; Main wavelength: WD=581.5nm; Half wave width: FWHM=15.5nm;  
 Color ratio: R=1.4%, G=98.6%, B=-0.0%; Color purity: Purity=100.0%;  
 Color tolerance: SDCM=165.40;  
 Color rendering index: Ra=5.0;  
 R1 = 0.0 , R2 = 22.4 , R3 = 15.9 , R4 = 0.0 , R5 = 0.0  
 R6 = 0.0 , R7 = 1.7 , R8 = 0.0 , R9 = 0.0 , R10= 0.0  
 R11= 0.0 , R12= 0.0 , R13= 0.0 , R14= 44.6 , R15= 0.0  
 TM30:Rf=0.0, Rg=0.0  
 CSS:NTSC, 0.0%

### Luminous parameters:

Luminous flux  $\Phi = 21.131$  lm; Light efficiency: 12.0 lm/W;  
 Radiation flux  $\Phi_e = 19.2$  mW  
 Optoelectronic efficiency WPE=1.09%  
 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: 1.4982  $\mu\text{mol/s}$   
 Photosynthetically active radiation flux PAR: 0.0071 MW  
 Photosynthetic photon flux efficiency EFF: 8.4808  $\mu\text{mol/s/w}$

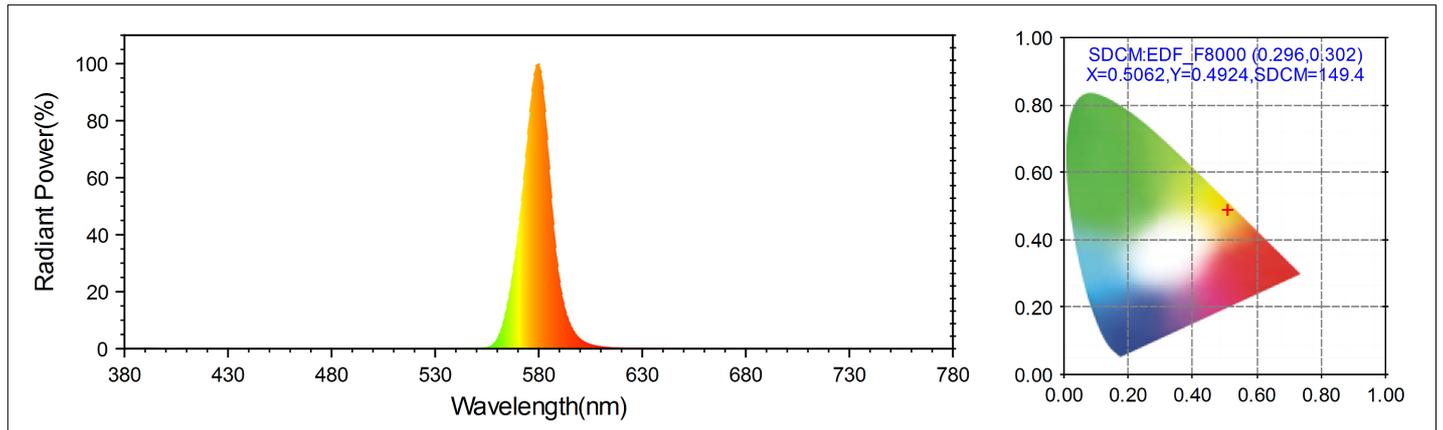
### Electrical parameters:

Forward voltage: VF= 2.5237 V; Forward current: IF=700.0000 mA  
 Power: P=1.7666 W; Power factor PF=1.00  
 Instrument status:  
 Integral time T=7.22 ms; Ip=42146(64.31%)

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

Product Number: 260114102856  
 Test Date: 2026-01-14 10:29:00  
 Humidity:  
 Organization:

## 光谱分析测试



### Color parameters:

Color coordinates:  $x=0.5062$ ,  $y=0.4924/u' = 0.0000$ ,  $v' = 0.0000$ ;  
 Color temperature: CCT=2699K (Duv=0.0000);  
 Peak wavelength: WP=579.6nm; Main wavelength: WD=579.1nm; Half wave width: FWHM=14.7nm;  
 Color ratio: R=0.8%, G=99.2%, B=0.0%; Color purity: Purity=99.9%;  
 Color tolerance: SDCM=149.41;  
 Color rendering index: Ra=8.5;  
 R1 = 0.0 , R2 = 23.7 , R3 = 29.5 , R4 = 0.0 , R5 = 0.0  
 R6 = 0.0 , R7 = 15.0 , R8 = 0.0 , R9 = 0.0 , R10= 0.0  
 R11= 0.0 , R12= 0.0 , R13= 0.0 , R14= 51.8 , R15= 0.0  
 TM30:Rf=0.0, Rg=0.0  
 CSS:NTSC, 0.0%

### Luminous parameters:

Luminous flux  $\Phi = 15.371$  lm; Light efficiency: 19.6 lm/W;  
 Radiation flux  $\Phi_e = 13.0$  mW  
 Optoelectronic efficiency WPE=1.66%  
 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: 1.0072  $\mu\text{mol/s}$   
 Photosynthetically active radiation flux PAR: 0.0146 MW  
 Photosynthetic photon flux efficiency EFF: 12.8405  $\mu\text{mol/s/w}$

### Electrical parameters:

Forward voltage: VF= 2.2412 V; Forward current: IF=350.0000 mA  
 Power: P=0.7844 W; Power factor PF=1.00  
 Instrument status:  
 Integral time T=10.27 ms; Ip=42449 (64.77%)

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

Product Number: 260114102907  
 Test Date: 2026-01-14 10:29:12  
 Humidity:  
 Organization: