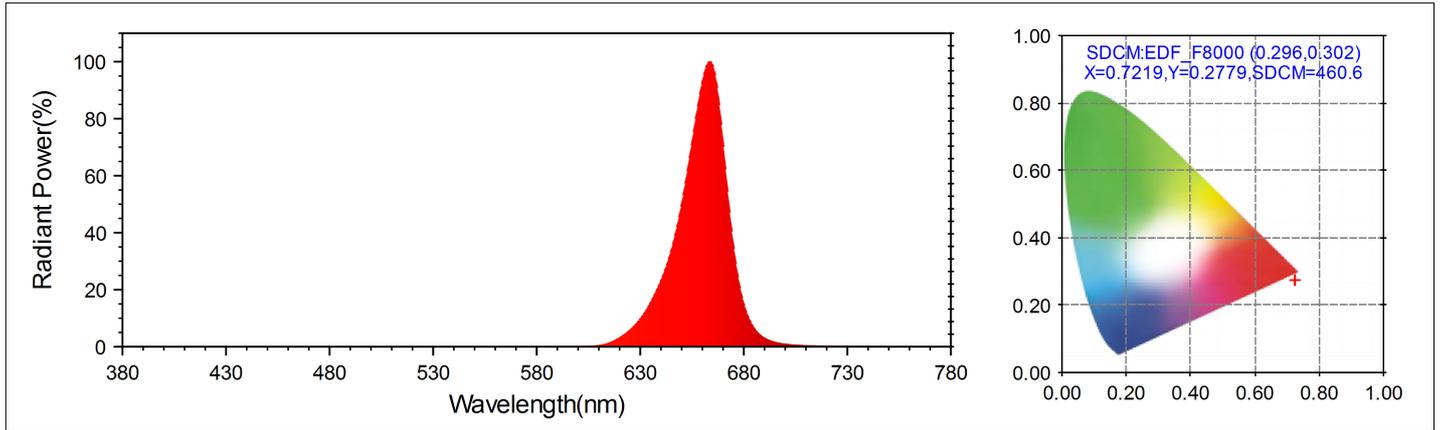


## 光谱分析测试



### Color parameters:

Color coordinates:  $x=0.7219$ ,  $y=0.2779/u' = 0.0000$ ,  $v' = 0.0000$ ;  
 Color temperature: CCT=5742K (Duv=0.0000);  
 Peak wavelength: WP=663.2nm; Main wavelength: WD=643.8nm; Half wave width: FWHM=22.6nm;  
 Color ratio: R=99.7%, G=0.3%, B=0.0%; Color purity: Purity=99.9%;  
 Color tolerance: SDCM=460.62;  
 Color rendering index: Ra=23.0;  
 R1 = 0.0 , R2 = 74.7 , R3 = 24.2 , R4 = 0.0 , R5 = 0.0  
 R6 = 84.8 , R7 = 0.0 , R8 = 0.0 , R9 = 0.0 , R10= 71.1  
 R11= 0.0 , R12= 88.1 , R13= 24.9 , R14= 54.0 , R15= 0.0  
 TM30:Rf=0.0, Rg=0.0  
 CSS:NTSC, 0.0%

### Luminous parameters:

Luminous flux  $\Phi = 57.166$  lm; Light efficiency: 36.1 lm/W;  
 Radiation flux  $\Phi_e = 517.6$  mW  
 Optoelectronic efficiency WPE=32.68%  
 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: 45.4996  $\mu\text{mol/s}$   
 Photosynthetically active radiation flux PAR: 0.0001 MW  
 Photosynthetic photon flux efficiency EFF: 287.2948  $\mu\text{mol/s/w}$

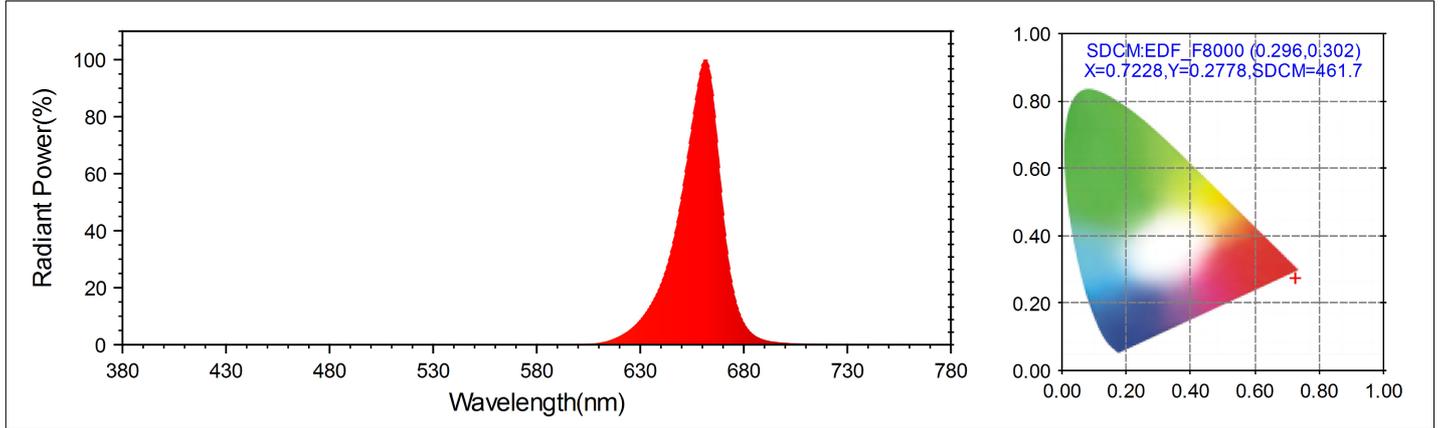
### Electrical parameters:

Forward voltage: VF= 2.2625 V; Forward current: IF=700.0000 mA  
 Power: P=1.5837 W; Power factor PF=1.00  
 Instrument status:  
 Integral time T=0.72 ms; Ip=46481 (70.92%)

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

Product Number: 260114105009  
 Test Date: 2026-01-14 10:50:12  
 Humidity:  
 Organization:

## 光谱分析测试



### Color parameters:

Color coordinates:  $x=0.7228$ ,  $y=0.2778/u' = 0.0000$ ,  $v' = 0.0000$ ;  
 Color temperature: CCT=5724K (Duv=0.0000);  
 Peak wavelength: WP=661.2nm; Main wavelength: WD=643.8nm; Half wave width: FWHM=19.8nm;  
 Color ratio: R=99.8%, G=0.2%, B=-0.0%; Color purity: Purity=100.0%;  
 Color tolerance: SDCM=461.69;  
 Color rendering index: Ra=22.4;  
 R1 = 0.0 , R2 = 71.7 , R3 = 23.1 , R4 = 0.0 , R5 = 0.0  
 R6 = 84.7 , R7 = 0.0 , R8 = 0.0 , R9 = 0.0 , R10= 66.3  
 R11= 0.0 , R12= 86.6 , R13= 19.2 , R14= 53.3 , R15= 0.0  
 TM30:Rf=0.0, Rg=0.0  
 CSS:NTSC, 0.0%

### Luminous parameters:

Luminous flux  $\Phi = 32.127$  lm; Light efficiency: 44.8 lm/W;  
 Radiation flux  $\Phi_e = 271.9$  mW  
 Optoelectronic efficiency WPE=37.89%  
 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: 23.9322  $\mu\text{mol/s}$   
 Photosynthetically active radiation flux PAR: 0.0000 mW  
 Photosynthetic photon flux efficiency EFF: 333.4534  $\mu\text{mol/s/w}$

### Electrical parameters:

Forward voltage: VF= 2.0506 V; Forward current: IF=350.0000 mA  
 Power: P=0.7177 W; Power factor PF=1.00  
 Instrument status:  
 Integral time T=1.09 ms; Ip=42218(64.42%)

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

Product Number: 260114105023  
 Test Date: 2026-01-14 10:50:27  
 Humidity:  
 Organization: