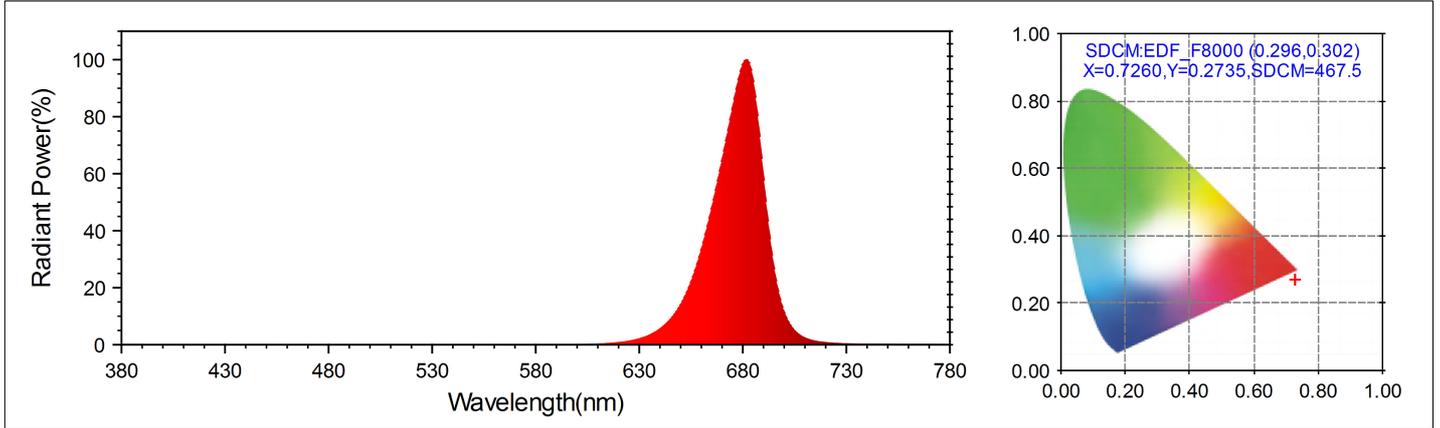


## 光谱分析测试



## Color parameters:

Color coordinates:  $x=0.7260$ ,  $y=0.2735/u' = 0.0000$ ,  $v' = 0.0000$ ;  
Color temperature: CCT=5298K (Duv=0.0000);  
Peak wavelength: WP=681.2nm; Main wavelength: WD=651.0nm; Half wave width: FWHM=25.4nm;  
Color ratio: R=99.6%, G=0.4%, B=0.0%; Color purity: Purity=99.9%;  
Color tolerance: SDCM=467.50;  
Color rendering index: Ra=23.2;  
R1 = 15.0 , R2 = 87.6 , R3 = 3.0 , R4 = 0.0 , R5 = 0.0  
R6 = 68.9 , R7 = 11.3 , R8 = 0.0 , R9 = 0.0 , R10= 90.9  
R11= 0.0 , R12= 85.3 , R13= 43.7 , R14= 38.8 , R15= 0.0  
TM30:Rf=0.0, Rg=0.0  
CSS:NTSC, 0.0%

## Luminous parameters:

Luminous flux  $\Phi = 32.749$  lm; Light efficiency: 20.9 lm/W;  
Radiation flux  $\Phi_e = 558.3$  mW  
Optoelectronic efficiency WPE=35.64%  
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: 50.3735  $\mu\text{mol/s}$   
Photosynthetically active radiation flux PAR: 0.0000 mW  
Photosynthetic photon flux efficiency EFF: 321.5775  $\mu\text{mol/s/w}$

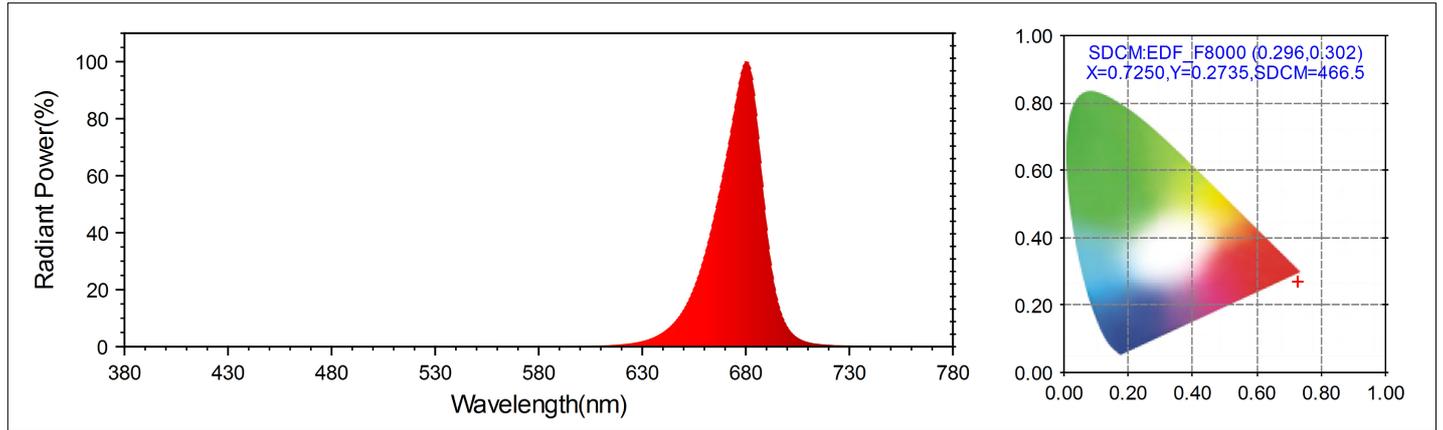
## Electrical parameters:

Forward voltage: VF= 2.2378 V; Forward current: IF=700.0000 mA  
Power: P=1.5664 W; Power factor PF=1.00  
Instrument status:  
Integral time T=0.73 ms; Ip=46613(71.13%)

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

Product Number: 260114105414  
Test Date: 2026-01-14 10:54:17  
Humidity:  
Organization:

## 光谱分析测试



## Color parameters:

Color coordinates:  $x=0.7250$ ,  $y=0.2735/u' = 0.0000$ ,  $v' = 0.0000$ ;  
Color temperature: CCT=5319K (Duv=0.0000);  
Peak wavelength: WP=680.1nm; Main wavelength: WD=651.5nm; Half wave width: FWHM=22.5nm;  
Color ratio: R=99.3%, G=0.7%, B=0.0%; Color purity: Purity=99.6%;  
Color tolerance: SDCM=466.54;  
Color rendering index: Ra=27.6;  
R1 = 26.2 , R2 = 92.3 , R3 = 11.0 , R4 = 0.0 , R5 = 0.0  
R6 = 72.4 , R7 = 19.2 , R8 = 0.0 , R9 = 0.0 , R10= 95.3  
R11= 0.0 , R12= 95.9 , R13= 54.0 , R14= 44.3 , R15= 0.0  
TM30:Rf=0.0, Rg=0.0  
CSS:NTSC, 0.0%

## Luminous parameters:

Luminous flux  $\Phi = 17.148$  lm; Light efficiency: 24.6 lm/W;  
Radiation flux  $\Phi_e = 284.4$  mW  
Optoelectronic efficiency WPE=40.81%  
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: 25.6013  $\mu\text{mol/s}$   
Photosynthetically active radiation flux PAR: 0.0001 MW  
Photosynthetic photon flux efficiency EFF: 367.2720  $\mu\text{mol/s/w}$

## Electrical parameters:

Forward voltage: VF= 1.9916 V; Forward current: IF=350.0000 mA  
Power: P=0.6971 W; Power factor PF=1.00  
Instrument status:  
Integral time T=1.18 ms; Ip=42223 (64.43%)

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

Product Number: 260114105438  
Test Date: 2026-01-14 10:54:42  
Humidity:  
Organization: