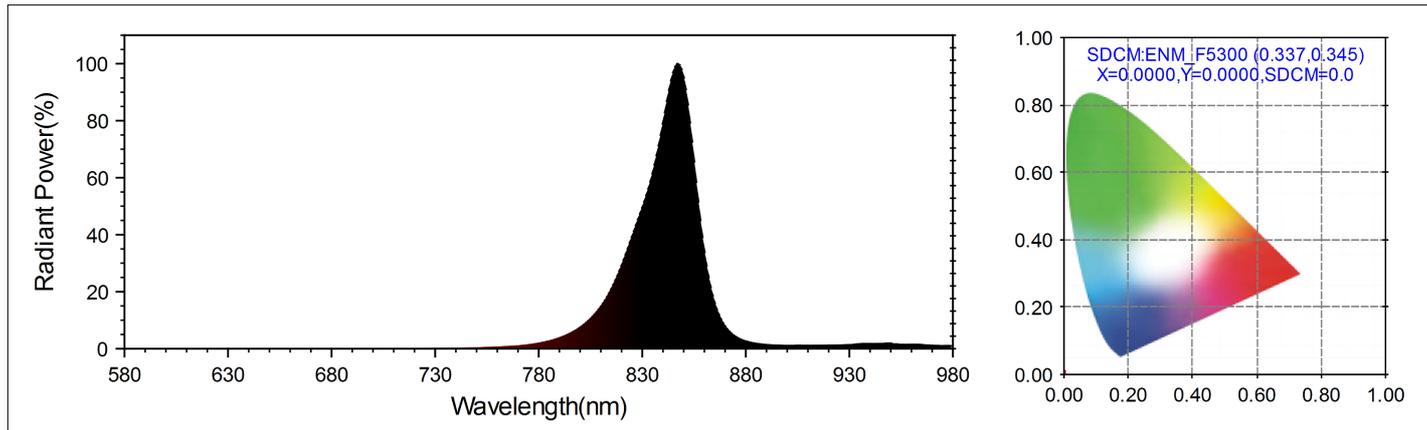


## 光谱分析测试



### Color parameters:

Color coordinates:  $x=0.0000$ ,  $y=0.0000/u' = 0.0000$ ,  $v' = 0.0000$ ;  
 Color temperature: CCT=0K (Duv=0.0000);  
 Peak wavelength: WP=847.0nm; Main wavelength: WD=0.0nm; Half wave width: FWHM=27.1nm;  
 Color ratio: R=0.0%, G=0.0%, B=0.0%; Color purity: Purity=0.0%;  
 Color tolerance: SDCM=0.00;  
 Color rendering index: Ra=0.0;  
 R1 = 0.0 , R2 = 0.0 , R3 = 0.0 , R4 = 0.0 , R5 = 0.0  
 R6 = 0.0 , R7 = 0.0 , R8 = 0.0 , R9 = 0.0 , R10= 0.0  
 R11= 0.0 , R12= 0.0 , R13= 0.0 , R14= 0.0 , R15= 0.0  
 TM30:Rf=0.0, Rg=0.0  
 CSS:NTSC, 72.1%

### Luminous parameters:

Luminous flux  $\Phi = 0.436$  lm; Light efficiency: 0.4 lm/W;  
 Radiation flux  $\Phi_e = 375.4$  mW  
 Optoelectronic efficiency WPE=34.04%  
 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: 0.0000  $\mu\text{mol/s}$   
 Photosynthetically active radiation flux PAR: 0.0000 mW  
 Photosynthetic photon flux efficiency EFF: 0.0000  $\mu\text{mol/s/w}$

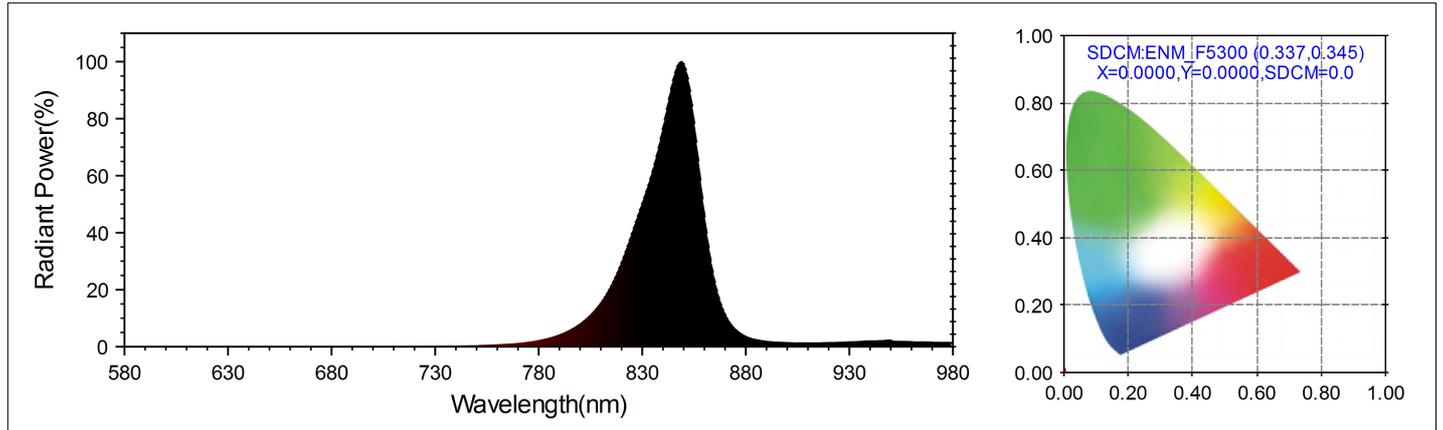
### Electrical parameters:

Forward voltage: VF=3.1511 V; Forward current: IF=350.0000 mA  
 Power: P=1.1029 W; Power factor PF=1.00  
 Instrument status:  
 Integral time T=14.21 ms; Ip=40323 (61.53%)

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

Product Number: 250728151029  
 Test Date: 2025-07-28 15:10:33  
 Humidity:  
 Organization:

## 光谱分析测试



## Color parameters:

Color coordinates:  $x=0.0000$ ,  $y=0.0000/u'=0.0000$ ,  $v'=0.0000$ ;  
Color temperature: CCT=0K (Duv=0.0000);  
Peak wavelength: WP=848.4nm; Main wavelength: WD=0.0nm; Half wave width: FWHM=29.5nm;  
Color ratio: R=0.0%, G=0.0%, B=0.0%; Color purity: Purity=0.0%;  
Color tolerance: SDCM=0.00;  
Color rendering index: Ra=0.0;  
R1 = 0.0 , R2 = 0.0 , R3 = 0.0 , R4 = 0.0 , R5 = 0.0  
R6 = 0.0 , R7 = 0.0 , R8 = 0.0 , R9 = 0.0 , R10= 0.0  
R11= 0.0 , R12= 0.0 , R13= 0.0 , R14= 0.0 , R15= 0.0  
TM30:Rf=0.0, Rg=0.0  
CSS:NTSC, 73.4%

## Luminous parameters:

Luminous flux  $\Phi=0.622$  lm; Light efficiency:0.4 lm/W;  
Radiation flux  $\Phi_e=533.6$  mW  
Optoelectronic efficiency WPE=32.70%  
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:0.0000  $\mu\text{mol/s}$   
Photosynthetically active radiation flux PAR:0.0000 mW  
Photosynthetic photon flux efficiency EFF:0.0000  $\mu\text{mol/s/w}$

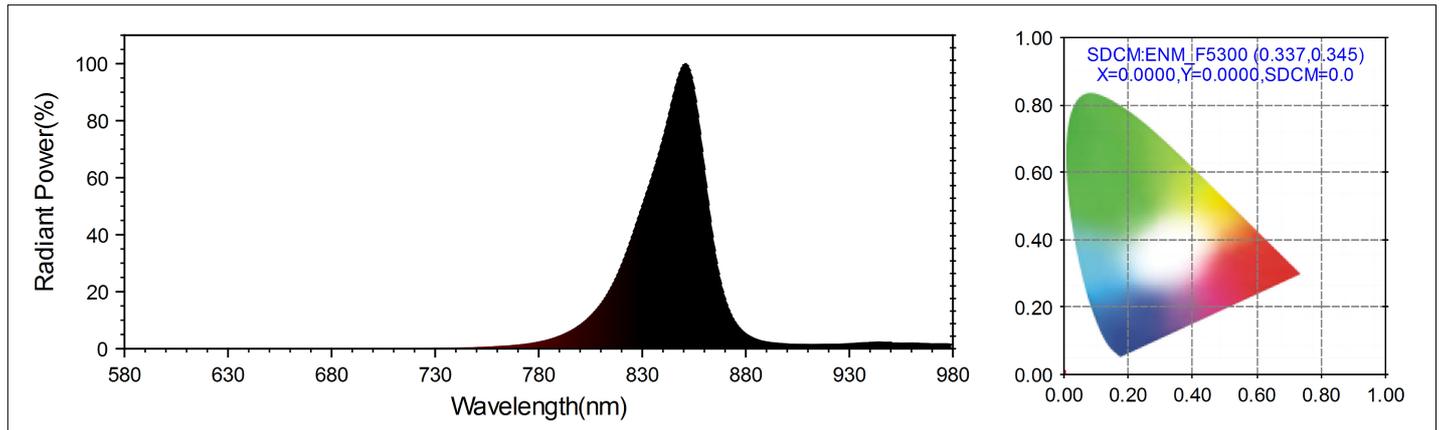
## Electrical parameters:

Forward voltage: VF=3.2636 V; Forward current: IF=500.0000 mA  
Power: P=1.6318 W; Power factor PF=1.00  
Instrument status:  
Integral time T=11.84 ms; Ip=42955 (65.54%)

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

Product Number:250728151058  
Test Date:2025-07-28 15:11:03  
Humidity:  
Organization:

## 光谱分析测试



## Color parameters:

Color coordinates:  $x=0.0000$ ,  $y=0.0000/u' = 0.0000$ ,  $v' = 0.0000$ ;  
Color temperature: CCT=0K (Duv=0.0000);  
Peak wavelength: WP=850.4nm; Main wavelength: WD=0.0nm; Half wave width: FWHM=32.1nm;  
Color ratio: R=0.0%, G=0.0%, B=0.0%; Color purity: Purity=0.0%;  
Color tolerance: SDCM=0.00;  
Color rendering index: Ra=0.0;  
R1 = 0.0 , R2 = 0.0 , R3 = 0.0 , R4 = 0.0 , R5 = 0.0  
R6 = 0.0 , R7 = 0.0 , R8 = 0.0 , R9 = 0.0 , R10= 0.0  
R11= 0.0 , R12= 0.0 , R13= 0.0 , R14= 0.0 , R15= 0.0  
TM30:Rf=0.0, Rg=0.0  
CSS:NTSC, 72.7%

## Luminous parameters:

Luminous flux  $\Phi = 0.857$  lm; Light efficiency: 0.4 lm/W;  
Radiation flux  $\Phi_e = 735.8$  mW  
Optoelectronic efficiency WPE=31.69%  
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: 0.0000  $\mu\text{mol/s}$   
Photosynthetically active radiation flux PAR: 0.0000 mW  
Photosynthetic photon flux efficiency EFF: 0.0000  $\mu\text{mol/s/w}$

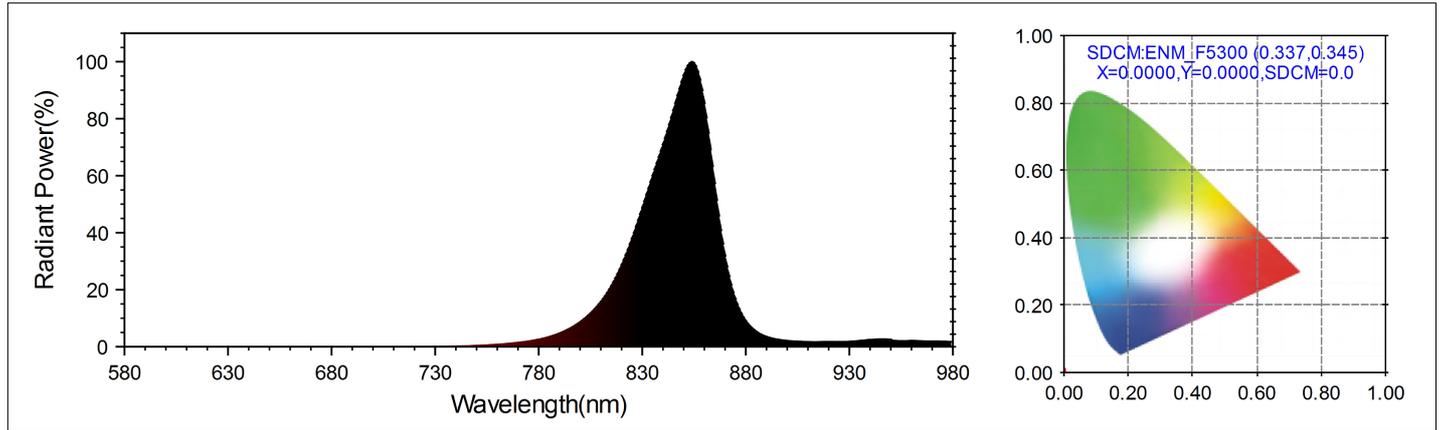
## Electrical parameters:

Forward voltage: VF=3.3164 V; Forward current: IF=700.0000 mA  
Power: P=2.3215 W; Power factor PF=1.00  
Instrument status:  
Integral time T=9.67 ms; Ip=42833 (65.36%)

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

Product Number: 250728151115  
Test Date: 2025-07-28 15:11:19  
Humidity:  
Organization:

## 光谱分析测试



## Color parameters:

Color coordinates:  $x=0.0000$ ,  $y=0.0000/u'=0.0000$ ,  $v'=0.0000$ ;  
Color temperature: CCT=0K (Duv=0.0000);  
Peak wavelength: WP=853.4nm; Main wavelength: WD=0.0nm; Half wave width: FWHM=35.8nm;  
Color ratio: R=0.0%, G=0.0%, B=0.0%; Color purity: Purity=0.0%;  
Color tolerance: SDCM=0.00;  
Color rendering index: Ra=0.0;  
R1 = 0.0 , R2 = 0.0 , R3 = 0.0 , R4 = 0.0 , R5 = 0.0  
R6 = 0.0 , R7 = 0.0 , R8 = 0.0 , R9 = 0.0 , R10= 0.0  
R11= 0.0 , R12= 0.0 , R13= 0.0 , R14= 0.0 , R15= 0.0  
TM30:Rf=0.0, Rg=0.0  
CSS:NTSC, 73.1%

## Luminous parameters:

Luminous flux  $\Phi_v=1.177$  lm; Light efficiency:0.3 lm/W;  
Radiation flux  $\Phi_e=1020.8$  MW  
Optoelectronic efficiency WPE=30.10%  
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:0.0000  $\mu\text{mol/s}$   
Photosynthetically active radiation flux PAR:0.0000 MW  
Photosynthetic photon flux efficiency EFF:0.0000  $\mu\text{mol/s/w}$

## Electrical parameters:

Forward voltage: VF=3.3911 V; Forward current: IF=1000.0000 mA  
Power: P=3.3911 W; Power factor PF=1.00  
Instrument status:  
Integral time T=7.99 ms; Ip=41884(63.91%)

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

Product Number:250728151136  
Test Date:2025-07-28 15:11:40  
Humidity:  
Organization: