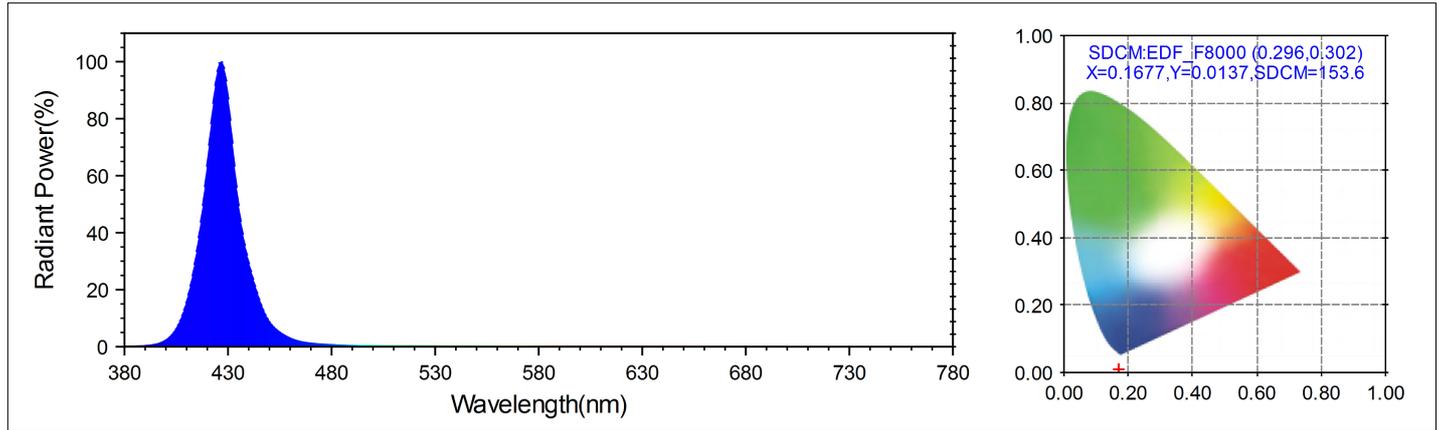


光谱分析测试



Color parameters:

Color coordinates: $x=0.1677$, $y=0.0137/u' = 0.0000$, $v' = 0.0000$;
 Color temperature: CCT=1828K (Duv=0.0000);
 Peak wavelength: WP=426.6nm; Main wavelength: WD=437.7nm; Half wave width: FWHM=17.0nm;
 Color ratio: R=2.4%, G=28.1%, B=69.4%; Color purity: Purity=98.8%;
 Color tolerance: SDCM=153.57;
 Color rendering index: Ra=4.7;
 R1 = 18.2 , R2 = 0.0 , R3 = 0.0 , R4 = 0.0 , R5 = 19.5
 R6 = 0.0 , R7 = 0.0 , R8 = 0.0 , R9 = 0.0 , R10= 0.0
 R11= 0.0 , R12= 0.0 , R13= 13.8 , R14= 0.0 , R15= 50.9
 TM30:Rf=0.0, Rg=0.0
 CSS:NTSC, 0.0%

Luminous parameters:

Luminous flux $\Phi = 21.247$ lm; Light efficiency: 9.1 lm/W;
 Radiation flux $\Phi_e = 539.0$ mW
 Optoelectronic efficiency WPE=23.08%
 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: 30.8758 $\mu\text{mol/s}$
 Photosynthetically active radiation flux PAR: 0.0023 MW
 Photosynthetic photon flux efficiency EFF: 132.1817 $\mu\text{mol/s/w}$

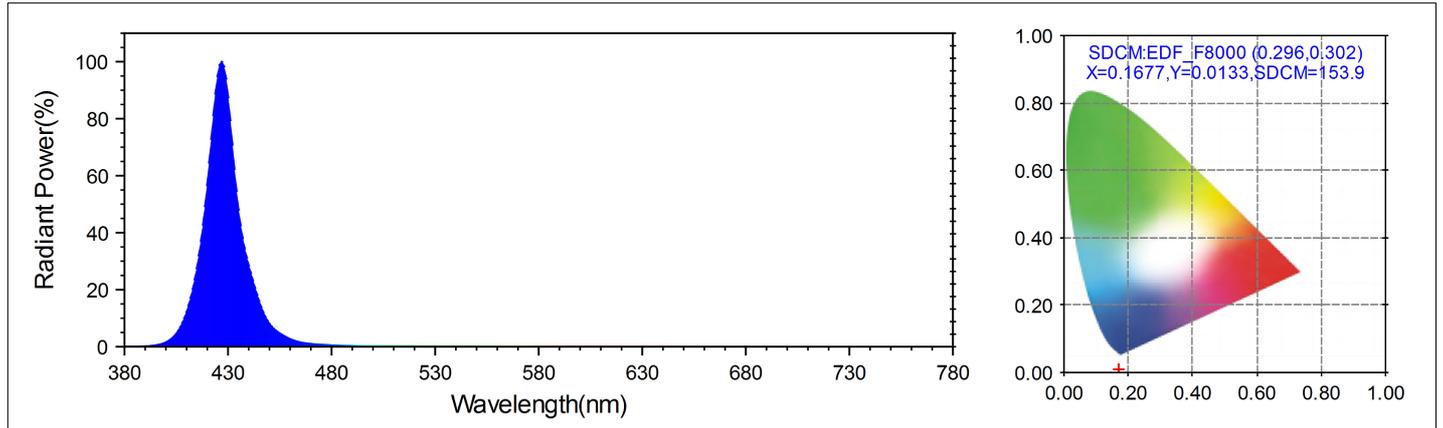
Electrical parameters:

Forward voltage: VF= 3.3369 V; Forward current: IF=700.0000 mA
 Power: P=2.3359 W; Power factor PF=1.00
 Instrument status:
 Integral time T=0.70 ms; Ip=45157 (68.90%)

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

Product Number: 260114094010
 Test Date: 2026-01-14 09:40:14
 Humidity:
 Organization:

光谱分析测试



Color parameters:

Color coordinates: $x=0.1677$, $y=0.0133$, $u' = 0.0000$, $v' = 0.0000$;
Color temperature: CCT=1831K (Duv=0.0000);
Peak wavelength: WP=426.9nm; Main wavelength: WD=437.3nm; Half wave width: FWHM=15.6nm;
Color ratio: R=2.3%, G=26.6%, B=71.1%; Color purity: Purity=98.9%;
Color tolerance: SDCM=153.86;
Color rendering index: Ra=4.2;
R1 = 14.9 , R2 = 0.0 , R3 = 0.0 , R4 = 0.0 , R5 = 18.5
R6 = 0.0 , R7 = 0.0 , R8 = 0.0 , R9 = 0.0 , R10= 0.0
R11= 0.0 , R12= 0.0 , R13= 10.4 , R14= 0.0 , R15= 47.4
TM30:Rf=0.0, Rg=0.0
CSS:NTSC, 0.0%

Luminous parameters:

Luminous flux $\Phi = 11.251$ lm; Light efficiency: 10.5 lm/W;
Radiation flux $\Phi_e = 289.5$ mW
Optoelectronic efficiency WPE=26.98%
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: 16.6104 $\mu\text{mol/s}$
Photosynthetically active radiation flux PAR: 0.0025 mW
Photosynthetic photon flux efficiency EFF: 154.8187 $\mu\text{mol/s/w}$

Electrical parameters:

Forward voltage: VF= 3.0654 V; Forward current: IF=350.0000 mA
Power: P=1.0729 W; Power factor PF=1.00
Instrument status:
Integral time T=1.14 ms; Ip=42296 (64.54%)

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

Product Number: 260114094042
Test Date: 2026-01-14 09:40:46
Humidity:
Organization: