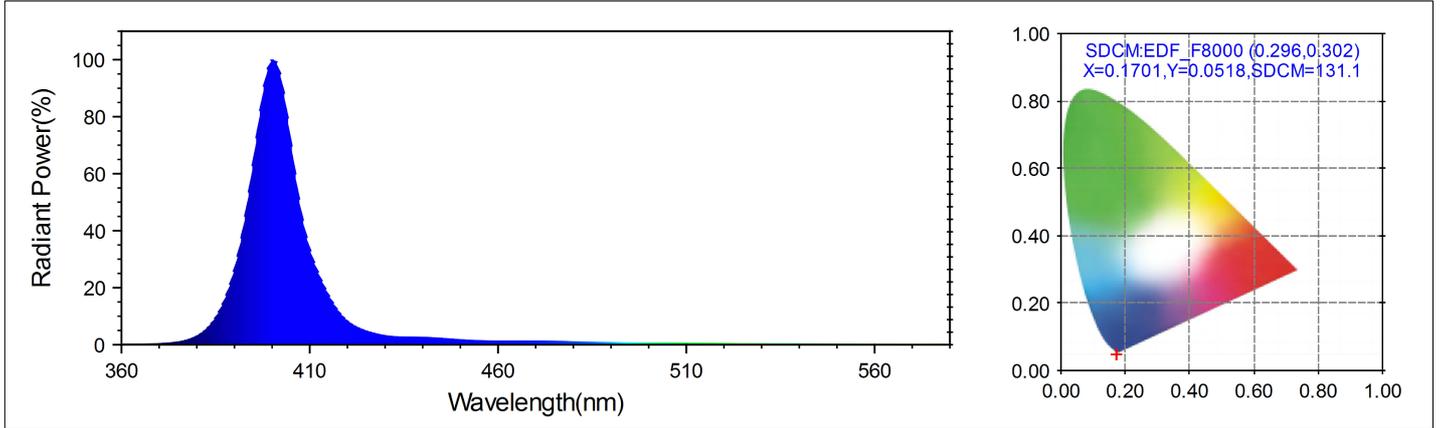


光谱分析测试



Color parameters:

Color coordinates: $x=0.1701$, $y=0.0518/u' = 0.0000$, $v' = 0.0000$;
 Color temperature: CCT=1630K (Duv=0.0000);
 Peak wavelength: WP=400.3nm; Main wavelength: WD=453.8nm; Half wave width: FWHM=13.7nm;
 Color ratio: R=4.3%, G=62.1%, B=33.5%; Color purity: Purity=90.2%;
 Color tolerance: SDCM=131.12;
 Color rendering index: Ra=20.5;
 R1 = 36.9 , R2 = 50.6 , R3 = 0.0 , R4 = 0.0 , R5 = 39.8
 R6 = 12.0 , R7 = 21.6 , R8 = 3.4 , R9 = 0.0 , R10= 0.0
 R11= 0.0 , R12= 0.0 , R13= 71.5 , R14= 25.7 , R15= 63.6
 TM30:Rf=0.0, Rg=0.0
 CSS:NTSC, 0.0%

Luminous parameters:

Luminous flux $\Phi = 34.979$ lm; Light efficiency: 14.3 lm/W;
 Radiation flux $\Phi_e = 511.9$ mW
 Optoelectronic efficiency WPE=20.98%
 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: 27.6032 $\mu\text{mol/s}$
 Photosynthetically active radiation flux PAR: 0.0035 mW
 Photosynthetic photon flux efficiency EFF: 113.1048 $\mu\text{mol/s/w}$

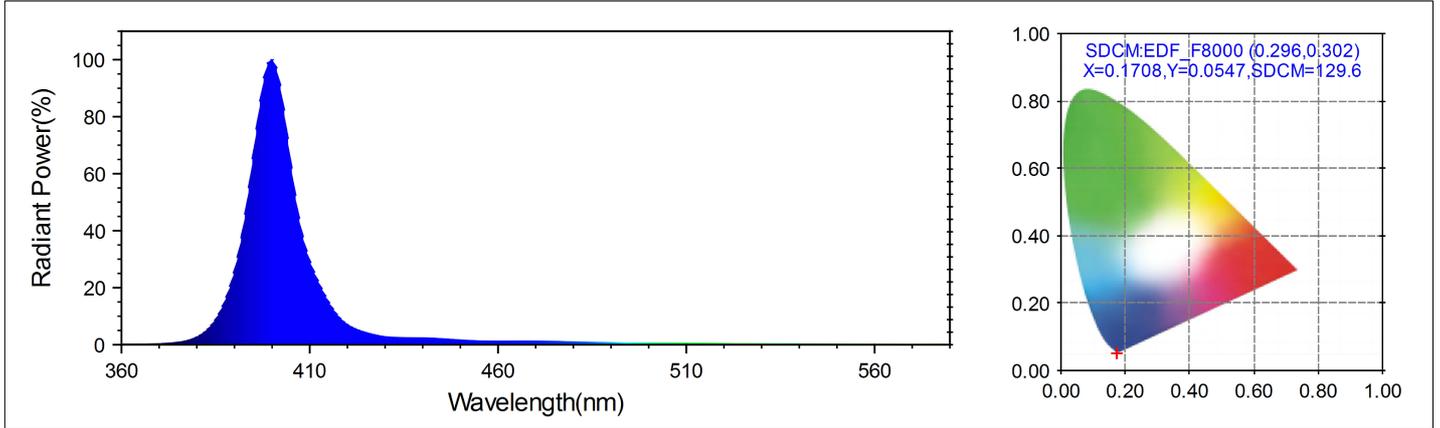
Electrical parameters:

Forward voltage: VF= 3.4864 V; Forward current: IF=700.0000 mA
 Power: P=2.4405 W; Power factor PF=1.00
 Instrument status:
 Integral time T=0.89 ms; Ip=45282 (69.09%)

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

Product Number: 260114092704
 Test Date: 2026-01-14 09:27:08
 Humidity:
 Organization:

光谱分析测试



Color parameters:

Color coordinates: $x=0.1708$, $y=0.0547/u' = 0.0000$, $v' = 0.0000$;
Color temperature: CCT=1625K (Duv=0.0000);
Peak wavelength: WP=399.8nm; Main wavelength: WD=454.3nm; Half wave width: FWHM=12.9nm;
Color ratio: R=4.6%, G=62.9%, B=32.5%; Color purity: Purity=89.5%;
Color tolerance: SDCM=129.57;
Color rendering index: Ra=22.3;
R1 = 40.4 , R2 = 52.3 , R3 = 0.0 , R4 = 0.0 , R5 = 42.4
R6 = 13.3 , R7 = 24.3 , R8 = 6.0 , R9 = 0.0 , R10= 0.0
R11= 0.0 , R12= 0.0 , R13= 75.2 , R14= 28.0 , R15= 64.9
TM30:Rf=0.0, Rg=0.0
CSS:NTSC, 0.0%

Luminous parameters:

Luminous flux $\Phi = 18.673$ lm; Light efficiency: 16.5 lm/W;
Radiation flux $\Phi_e = 270.0$ mW
Optoelectronic efficiency WPE=23.83%
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: 14.5503 $\mu\text{mol/s}$
Photosynthetically active radiation flux PAR: 0.0041 MW
Photosynthetic photon flux efficiency EFF: 128.4347 $\mu\text{mol/s/w}$

Electrical parameters:

Forward voltage: VF= 3.2368 V; Forward current: IF=350.0000 mA
Power: P=1.1329 W; Power factor PF=1.00
Instrument status:
Integral time T=1.52 ms; Ip=42217 (64.42%)

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

Product Number: 260114092732
Test Date: 2026-01-14 09:27:36
Humidity:
Organization: