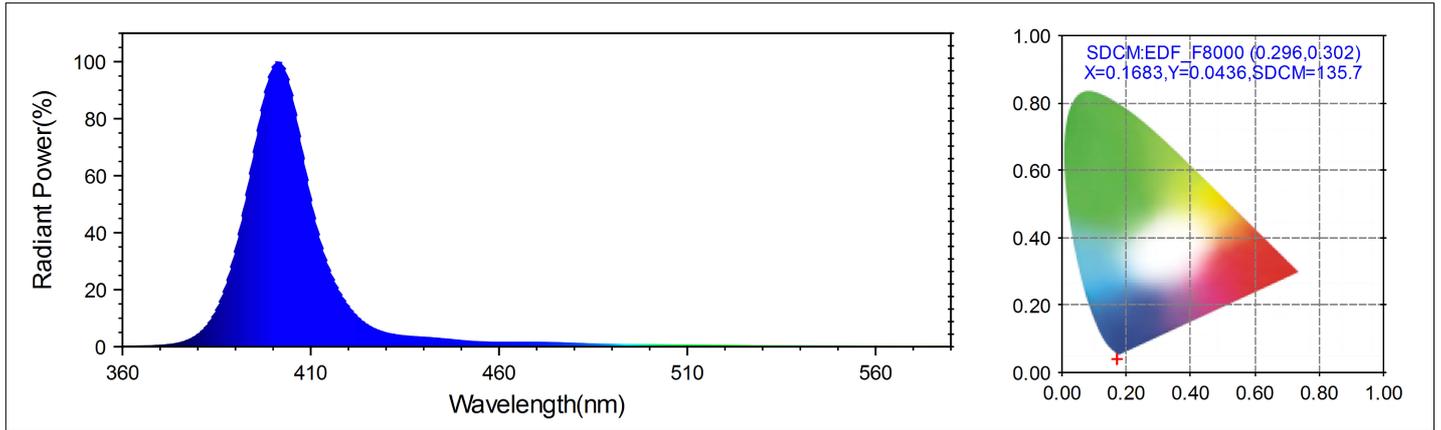


光谱分析测试



Color parameters:

Color coordinates: $x=0.1683$, $y=0.0436/u' = 0.0000$, $v' = 0.0000$;
Color temperature: CCT=1652K (Duv=0.0000);
Peak wavelength: WP=401.4nm; Main wavelength: WD=452.0nm; Half wave width: FWHM=17.8nm;
Color ratio: R=3.5%, G=59.4%, B=37.1%; Color purity: Purity=92.3%;
Color tolerance: SDCM=135.65;
Color rendering index: Ra=15.1;
R1 = 26.8 , R2 = 44.4 , R3 = 0.0 , R4 = 0.0 , R5 = 30.4
R6 = 6.5 , R7 = 12.3 , R8 = 0.0 , R9 = 0.0 , R10= 0.0
R11= 0.0 , R12= 0.0 , R13= 60.9 , R14= 17.6 , R15= 59.7
TM30:Rf=0.0, Rg=0.0
CSS:NTSC, 0.0%

Luminous parameters:

Luminous flux $\Phi = 43.036$ lm; Light efficiency: 18.6 lm/W;
Radiation flux $\Phi_e = 652.4$ mW
Optoelectronic efficiency WPE=28.26%
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: 35.1825 $\mu\text{mol/s}$
Photosynthetically active radiation flux PAR: 0.0044 MW
Photosynthetic photon flux efficiency EFF: 152.4038 $\mu\text{mol/s/w}$

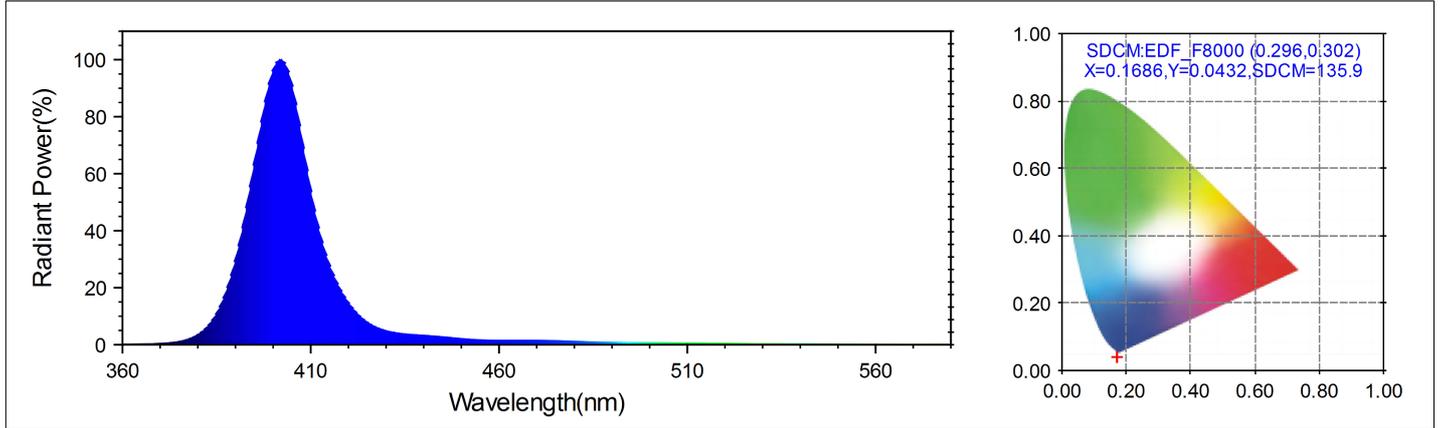
Electrical parameters:

Forward voltage: VF= 3.2979 V; Forward current: IF=700.0000 mA
Power: P=2.3085 W; Power factor PF=1.00
Instrument status:
Integral time T=0.81 ms; Ip=44881 (68.48%)

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

Product Number: 260114093151
Test Date: 2026-01-14 09:31:56
Humidity:
Organization:

光谱分析测试



Color parameters:

Color coordinates: $x=0.1686$, $y=0.0432/u' = 0.0000$, $v' = 0.0000$;
 Color temperature: CCT=1655K (Duv=0.0000);
 Peak wavelength: WP=401.9nm; Main wavelength: WD=451.6nm; Half wave width: FWHM=17.4nm;
 Color ratio: R=3.7%, G=59.4%, B=36.9%; Color purity: Purity=92.4%;
 Color tolerance: SDCM=135.92;
 Color rendering index: Ra=15.4;
 R1 = 28.5 , R2 = 43.6 , R3 = 0.0 , R4 = 0.0 , R5 = 31.6
 R6 = 7.1 , R7 = 12.4 , R8 = 0.0 , R9 = 0.0 , R10= 0.0
 R11= 0.0 , R12= 0.0 , R13= 62.2 , R14= 17.7 , R15= 62.2
 TM30:Rf=0.0, Rg=0.0
 CSS:NTSC, 0.0%

Luminous parameters:

Luminous flux $\Phi = 22.829$ lm; Light efficiency: 20.6 lm/W;
 Radiation flux $\Phi_e = 345.0$ mW
 Optoelectronic efficiency WPE=31.12%
 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: 18.6464 $\mu\text{mol/s}$
 Photosynthetically active radiation flux PAR: 0.0049 mW
 Photosynthetic photon flux efficiency EFF: 168.1896 $\mu\text{mol/s/w}$

Electrical parameters:

Forward voltage: VF= 3.1676 V; Forward current: IF=350.0000 mA
 Power: P=1.1087 W; Power factor PF=1.00
 Instrument status:
 Integral time T=1.39 ms; Ip=42125(64.28%)

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

Product Number: 260114093225
 Test Date: 2026-01-14 09:32:29
 Humidity:
 Organization: