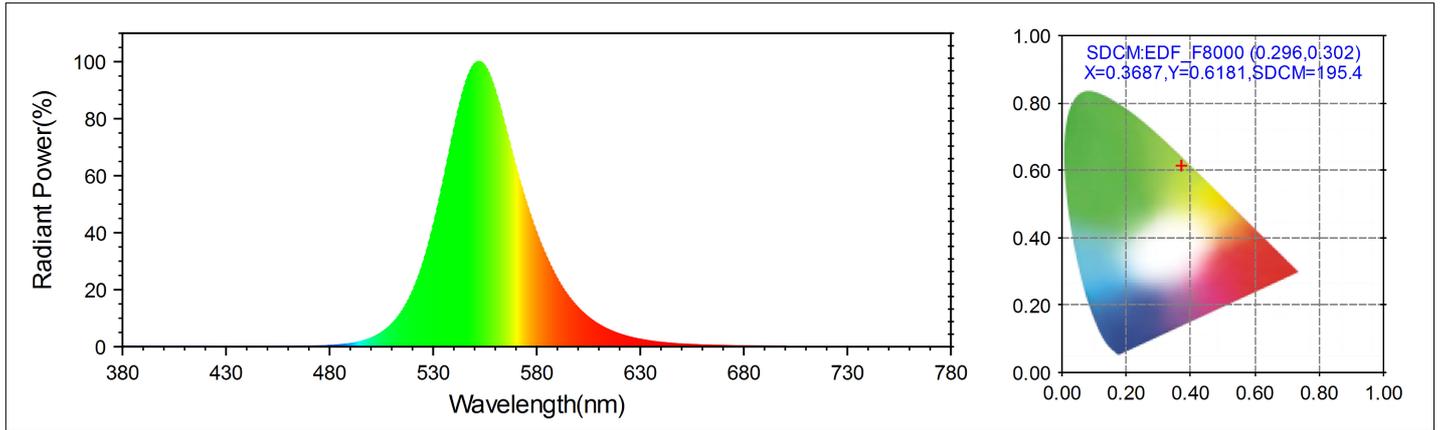


光谱分析测试



Color parameters:

Color coordinates: $x=0.3687$, $y=0.6181/u' = 0.0000$, $v' = 0.0000$;
Color temperature: CCT=4967K (Duv=0.0000);
Peak wavelength: WP=552.3nm; Main wavelength: WD=559.5nm; Half wave width: FWHM=42.8nm;
Color ratio: R=2.4%, G=97.5%, B=0.1%; Color purity: Purity=96.7%;
Color tolerance: SDCM=195.41;
Color rendering index: Ra=3.2;
R1 = 0.0 , R2 = 14.6 , R3 = 1.3 , R4 = 0.0 , R5 = 0.0
R6 = 1.9 , R7 = 7.7 , R8 = 0.0 , R9 = 0.0 , R10 = 0.0
R11 = 0.0 , R12 = 0.0 , R13 = 0.0 , R14 = 48.1 , R15 = 0.0
TM30:Rf=0.0, Rg=0.0
CSS:NTSC, 0.0%

Luminous parameters:

Luminous flux $\Phi = 169.289$ lm; Light efficiency: 78.7 lm/W;
Radiation flux $\Phi_e = 131.2$ mW
Optoelectronic efficiency WPE=6.10%
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: 9.7555 $\mu\text{mol/s}$
Photosynthetically active radiation flux PAR: 0.0825 mW
Photosynthetic photon flux efficiency EFF: 45.3620 $\mu\text{mol/s/w}$

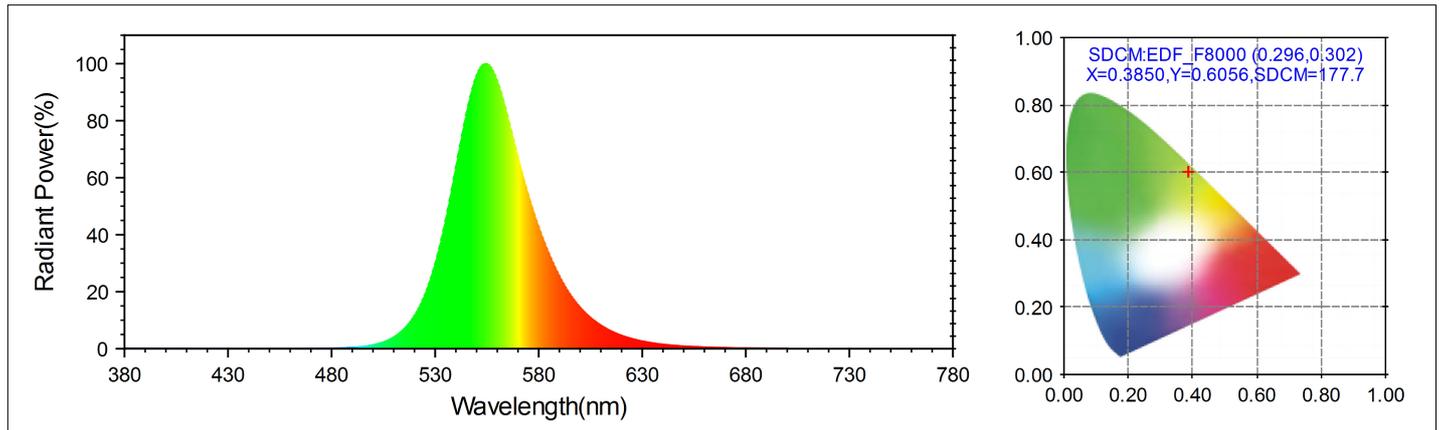
Electrical parameters:

Forward voltage: VF= 3.0723 V; Forward current: IF=700.0000 mA
Power: P=2.1506 W; Power factor PF=1.00
Instrument status:
Integral time T=3.37 ms; Ip=42285 (64.52%)

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

Product Number: 260114102434
Test Date: 2026-01-14 10:24:38
Humidity:
Organization:

光谱分析测试



Color parameters:

Color coordinates: $x=0.3850$, $y=0.6056/u' = 0.0000$, $v' = 0.0000$;
 Color temperature: CCT=4714K (Duv=0.0000);
 Peak wavelength: WP=554.6nm; Main wavelength: WD=561.8nm; Half wave width: FWHM=40.3nm;
 Color ratio: R=2.6%, G=97.3%, B=0.1%; Color purity: Purity=97.8%;
 Color tolerance: SDCM=177.71;
 Color rendering index: Ra=2.2;
 R1 = 0.0 , R2 = 12.6 , R3 = 0.0 , R4 = 0.0 , R5 = 0.0
 R6 = 0.0 , R7 = 5.2 , R8 = 0.0 , R9 = 0.0 , R10= 0.0
 R11= 0.0 , R12= 0.0 , R13= 0.0 , R14= 43.1 , R15= 0.0
 TM30:Rf=0.0, Rg=0.0
 CSS:NTSC, 0.0%

Luminous parameters:

Luminous flux $\Phi = 106.757$ lm; Light efficiency: 112.2 lm/W;
 Radiation flux $\Phi_e = 81.7$ mW
 Optoelectronic efficiency WPE=8.58%
 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: 6.1047 $\mu\text{mol/s}$
 Photosynthetically active radiation flux PAR: 0.1138 MW
 Photosynthetic photon flux efficiency EFF: 64.1457 $\mu\text{mol/s/w}$

Electrical parameters:

Forward voltage: VF= 2.7191 V; Forward current: IF=350.0000 mA
 Power: P=0.9517 W; Power factor PF=1.00
 Instrument status:
 Integral time T=5.06 ms; Ip=42499 (64.85%)

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

Product Number: 260114102445
 Test Date: 2026-01-14 10:24:49
 Humidity:
 Organization: