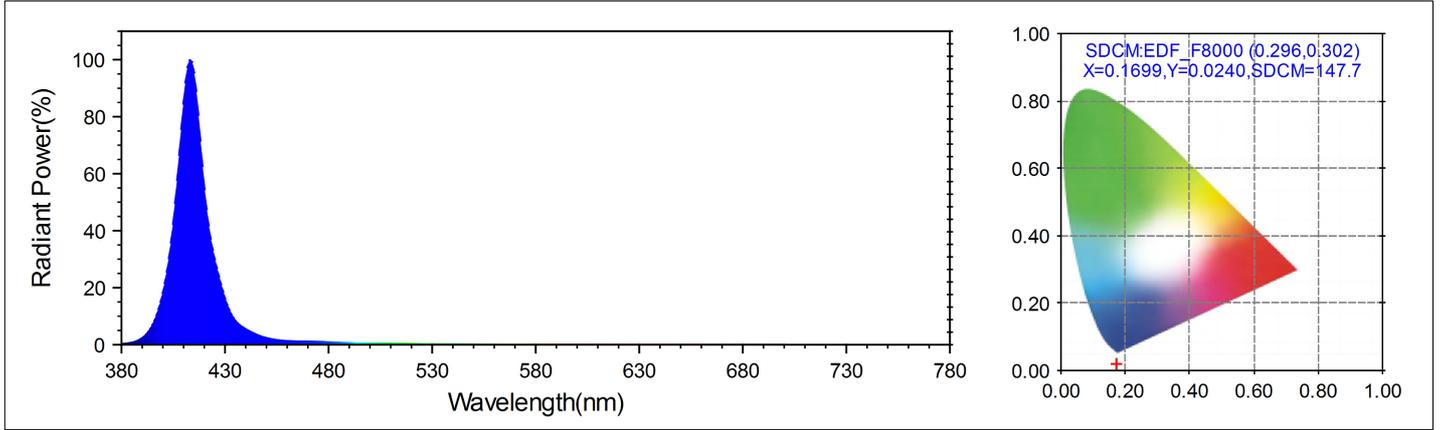


光谱分析测试



Color parameters:

Color coordinates: $x=0.1699$, $y=0.0240/u' = 0.0000$, $v' = 0.0000$;
Color temperature: CCT=1771K (Duv=0.0000);
Peak wavelength: WP=413.3nm; Main wavelength: WD=441.6nm; Half wave width: FWHM=14.7nm;
Color ratio: R=3.6%, G=52.3%, B=44.0%; Color purity: Purity=96.2%;
Color tolerance: SDCM=147.65;
Color rendering index: Ra=8.0;
R1 = 28.3 , R2 = 8.7 , R3 = 0.0 , R4 = 0.0 , R5 = 27.4
R6 = 0.0 , R7 = 0.0 , R8 = 0.0 , R9 = 0.0 , R10= 0.0
R11= 0.0 , R12= 0.0 , R13= 50.5 , R14= 0.0 , R15= 79.2
TM30:Rf=0.0, Rg=0.0
CSS:NTSC, 0.0%

Luminous parameters:

Luminous flux $\Phi = 32.982$ lm; Light efficiency: 13.3 lm/W;
Radiation flux $\Phi_e = 593.2$ mW
Optoelectronic efficiency WPE=23.93%
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: 33.0598 $\mu\text{mol/s}$
Photosynthetically active radiation flux PAR: 0.0038 mW
Photosynthetic photon flux efficiency EFF: 133.3651 $\mu\text{mol/s/w}$

Electrical parameters:

Forward voltage: VF= 3.5413 V; Forward current: IF=700.0000 mA
Power: P=2.4789 W; Power factor PF=1.00
Instrument status:
Integral time T=0.56 ms; Ip=41338 (63.08%)

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

Product Number: 251129152412
Test Date: 2025-11-29 15:24:15
Humidity:
Organization: