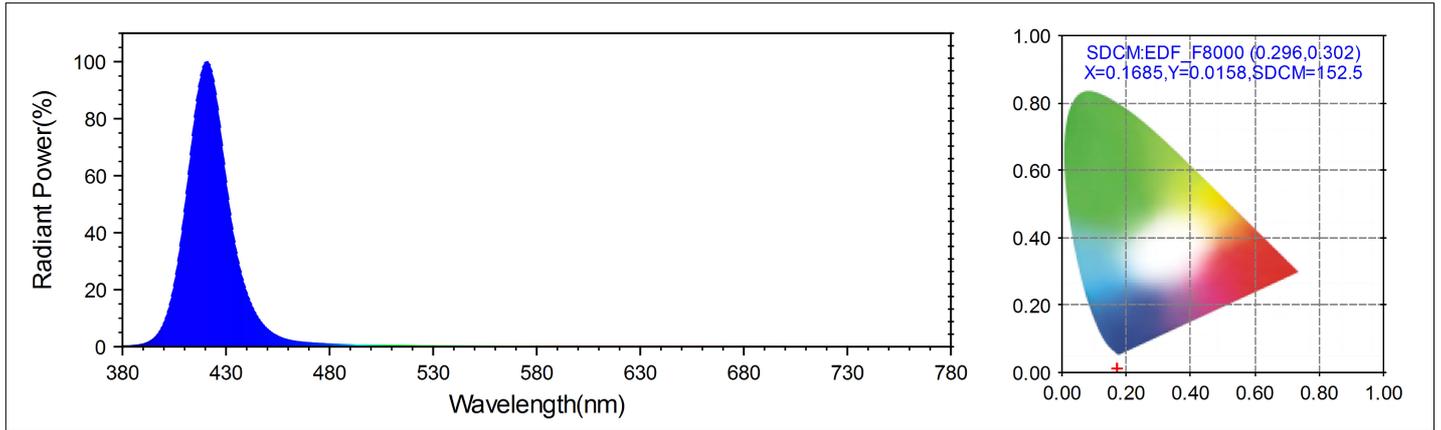


光谱分析测试



Color parameters:

Color coordinates: $x=0.1685$, $y=0.0158/u'=0.0000$, $v'=0.0000$;
Color temperature: CCT=1820K (Duv=0.0000);
Peak wavelength: WP=420.7nm; Main wavelength: WD=438.0nm; Half wave width: FWHM=21.0nm;
Color ratio: R=2.7%, G=37.6%, B=59.8%; Color purity: Purity=98.2%;
Color tolerance: SDCM=152.46;
Color rendering index: Ra=4.7;
R1 = 18.7 , R2 = 0.0 , R3 = 0.0 , R4 = 0.0 , R5 = 18.9
R6 = 0.0 , R7 = 0.0 , R8 = 0.0 , R9 = 0.0 , R10= 0.0
R11= 0.0 , R12= 0.0 , R13= 26.1 , R14= 0.0 , R15= 63.7
TM30:Rf=0.0, Rg=0.0
CSS:NTSC, 0.0%

Luminous parameters:

Luminous flux $\Phi=23.210$ lm; Light efficiency:9.3 lm/W;
Radiation flux $\Phi_e=531.9$ mW
Optoelectronic efficiency WPE=21.25%
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:30.1124 $\mu\text{mol/s}$
Photosynthetically active radiation flux PAR:0.0026 MW
Photosynthetic photon flux efficiency EFF:120.3104 $\mu\text{mol/s/w}$

Electrical parameters:

Forward voltage: VF= 3.5756 V; Forward current: IF=700.0000 mA
Power: P=2.5029 W; Power factor PF=1.00
Instrument status:
Integral time T=0.83 ms; Ip=45641 (69.64%)

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

Product Number:251128141418
Test Date:2025-11-28 14:14:34
Humidity:
Organization: