

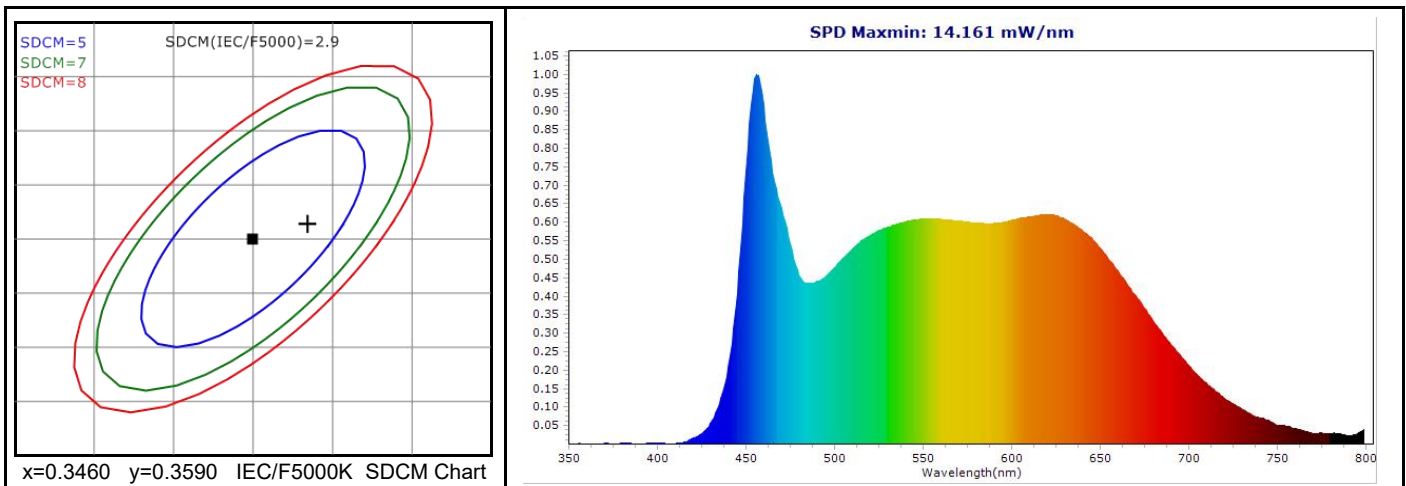
## Spectral test report for lamp

Product type : ALEXO 9W 5000K  
Product No. :  
Manufacturer :

Test time : 2024/7/31 14:13:07 Test  
equipment : SPEC-3000A Spectrometer  
Operator :

### CIE Color Parameter

Chromaticity coordinates:  $x=0.3506$   $y=0.3610$   $u=0.2115$   $v=0.3267$   $u^*=0.2115$   $v^*=0.4901$   
Color temperature: 4833 K ( $duv=+0.00248$ ) Color difference:  $SDCM(IEC/F5000)=2.9$  Main Wl:  $\lambda_d=484.4$  nm Purity: 0.247  
Peak wavelength:  $\lambda_p=456.3$  FWHM:  $\Delta\lambda_p=30.4$  nm Color ratio: R=19.14% G=75.50% B=5.36%  
Color rendering index :Ra=94.06 Color Fidelity:Rf=89.6 Color Gamut:Rg=96.78 GAI=93.56  
R1=96.4 R2=98.9 R3=98.1 R4=89.3 R5=92.7 R6=95.9 R7=91.5 R8=89.8  
R9=83.6 R10=97.9 R11=91.7 R12=66.7 R13=98.2 R14=99.2 R15=92.8



### Optical Parameter

Luminous flux: 605.03 lm  
Energy efficiency index(EEI): 76.683  
MOVE=651.651 MES1=571.079

luminous efficiency: 76.68 lm/w Radiant flux: 2145.232 W  
Energy efficiency class: G (EU 2019/2015) (EU 874/2012)

### Electrical Parameter

Voltage(V): 220.11 Current(A): 0.0420 Watte(W): 7.890 Power factor: 0.8510

### Test Infomation

Temperature : Deg C  
Test range : 350-800nm : 1nm  
Preheat time : 0(min)

Humidity :  
Peak AD. : 43602 (66.5%)  
Integral time. : 163.04 (ms)

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Hangzhou Huipu Instrument Co., Ltd. <http://www.measurefine.com>