

## Spectral test report for lamp

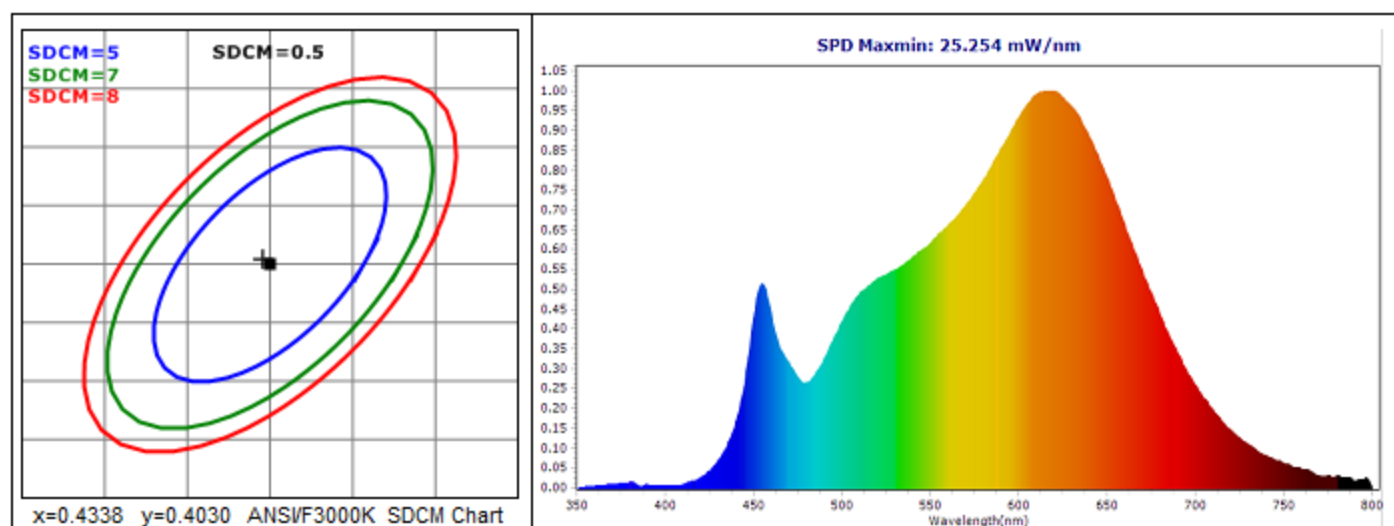
Product type :  
Product No. : L-D921-COB4-30K-24-WH  
Manufacturer :

Test time : 2026/3/10 8:31:18  
Test equipment : SPEC-2000A Spectrometer  
Operator :

## CIE Color Parameter

Chromaticity coordinates:  $x=0.4333$   $y=0.4035$   $u=0.2485$   $v=0.3471$   $u^A=0.2485$   $v^A=0.5207$   
Color temperature: 3062 K (duv=+0.00027) Color difference: SDCM(ANSI/F3000)=0.5 Main Wl:  $\lambda_d=487.3$  nm Purity: 0.035  
Peak wavelength:  $\lambda_p=618.4$  FWHM:  $\Delta\lambda_p=161.2$  nm Color ratio: R=0.257 G=0.714 B=0.029

Color rendering index: Ra=93.29 Color Fidelity: Rf=92.21 Color Gamut: Rg=97.95 GAI=97.17  
R1=93.1 R2=97.3 R3=100.0 R4=96.5 R5=96.3 R6=95.4 R7=89.0 R8=78.3  
R9=55.2 R10=94.2 R11=98.9 R12=84.7 R13=94.3 R14=100.0 R15=87.2



## Optical Parameter

Luminous flux: 1251.33 lm luminous efficiency: 85.94 lm/w Radiant flux: 4.234 W  
Energy efficiency index (EEI): 85.943 Energy efficiency class: F (EU 2019/2015) (EU 874)  
MES1=1006.438 MES2=1006.122

## Electrical Parameter

Voltage(V): 230.41 Current(A): 0.1149 Watte(W): 14.560 Power factor: 0.5497

## Test Infomation

Temperature : Deg C Humidity :  
Test range : 350-800nm : 1nm Peak AD. : 45148 (68.9%)  
Preheat time : 0(min) Integral time. : 108.02 (ms)