

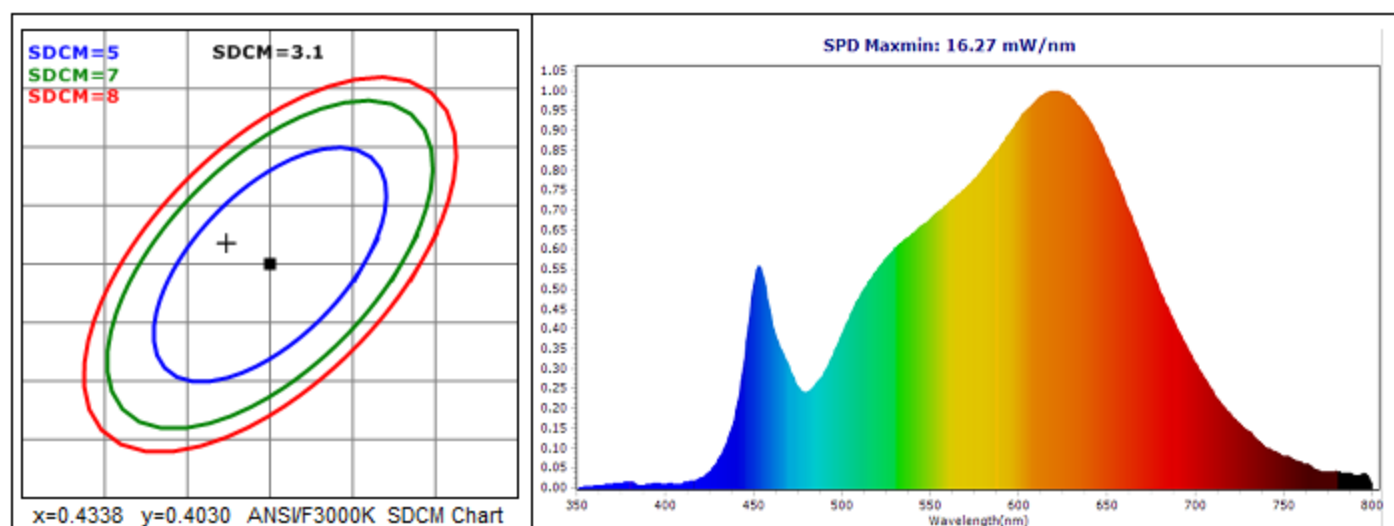
Spectral test report for lamp

Product type :
Product No. : L-D921-COB3-30K-38-BK
Manufacturer :

Test time : 2025/6/20 14:54:25
Test equipment : SPEC-2000A Spectrometer
Operator :

CIE Color Parameter

Chromaticity coordinates: $x=0.4302$ $y=0.4051$ $u=0.2458$ $v=0.3472$ $u^A=0.2458$ $v^A=0.5208$
Color temperature: 3130 K (duv=+0.00141) Color difference: SDCM(ANSI/F3000)=3.1 Main Wl: $\lambda_d=489.3$ nm Purity: 0.042
Peak wavelength: $\lambda_p=620.0$ FWHM: $\Delta\lambda_p=167.6$ nm Color ratio: R=0.249 G=0.725 B=0.026
Color rendering index: Ra=92.52 Color Fidelity: Rf=92.24 Color Gamut: Rg=98.79 GAI=95.47
R1=91.3 R2=94.2 R3=96.0 R4=96.3 R5=94.6 R6=94.9 R7=91.4 R8=81.0
R9=58.7 R10=86.3 R11=96.6 R12=78.4 R13=91.8 R14=97.2 R15=87.1



Optical Parameter

Luminous flux: 840.58 lm luminous efficiency: 76.0 lm/w Radiant flux: 2.887 W
Energy efficiency index (EEI): 76.002 Energy efficiency class: G (EU 2019/2015) (EU 874)
MES1=671.745 MES2=671.536

Electrical Parameter

Voltage(V): 221.41 Current(A): 0.0822 Watte(W): 11.060 Power factor: 0.6078

Test Infomation

Temperature : Deg C Humidity :
Test range : 350-800nm : 1nm Peak AD. : 44227 (67.5%)
Preheat time : 0(min) Integral time. : 147.04 (ms)