

Spectral test report for lamp

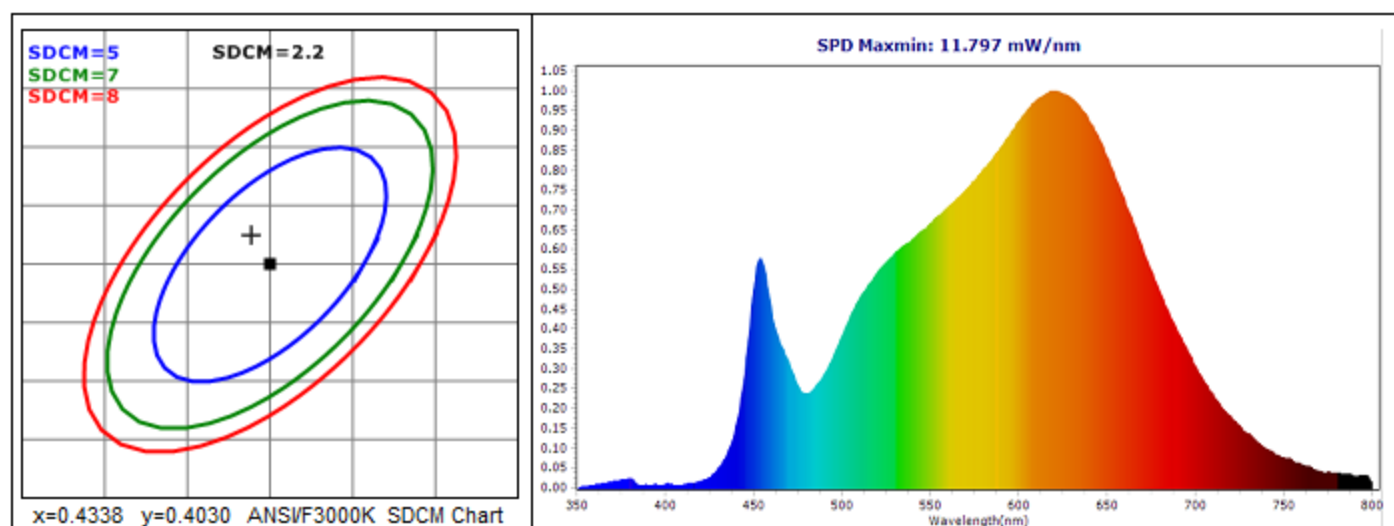
Product type :
Product No. : L-D921-COB2-30K-36-BK
Manufacturer :

Test time : 2025/6/20 14:51:08
Test equipment : SPEC-2000A Spectrometer
Operator :

CIE Color Parameter

Chromaticity coordinates: $x=0.4323$ $y=0.4059$ $u=0.2468$ $v=0.3476$ $u^A=0.2468$ $v^A=0.5214$
Color temperature: 3099 K (duv=+0.0014) Color difference: SDCM(ANSI/F3000)=2.2 Main Wavelength: 489.1 nm Purity: 0.037
Peak wavelength: $\lambda_p=618.3$ FWHM: $\Delta\lambda_p=166.6$ nm Color ratio: R=0.251 G=0.723 B=0.026

Color rendering index: Ra=92.54 Color Fidelity: Rf=91.94 Color Gamut: Rg=98.49 GAI=95.12
R1=91.4 R2=94.6 R3=96.9 R4=95.9 R5=94.5 R6=95.0 R7=91.0 R8=80.6
R9=58.4 R10=87.4 R11=96.5 R12=77.3 R13=92.0 R14=97.7 R15=87.0



Optical Parameter

Luminous flux: 603.38 lm luminous efficiency: 92.97 lm/w Radiant flux: 2.066 W
Energy efficiency index (EEI): 92.971 Energy efficiency class: F (EU 2019/2015) (EU 874)
MES1=481.378 MES2=481.228

Electrical Parameter

Voltage(V): 221.79 Current(A): 0.0470 Watte(W): 6.490 Power factor: 0.6229

Test Infomation

Temperature : Deg C Humidity :
Test range : 350-800nm : 1nm Peak AD. : 43436 (66.3%)
Preheat time : 0(min) Integral time. : 180.09 (ms)