

Spectral test report for lamp

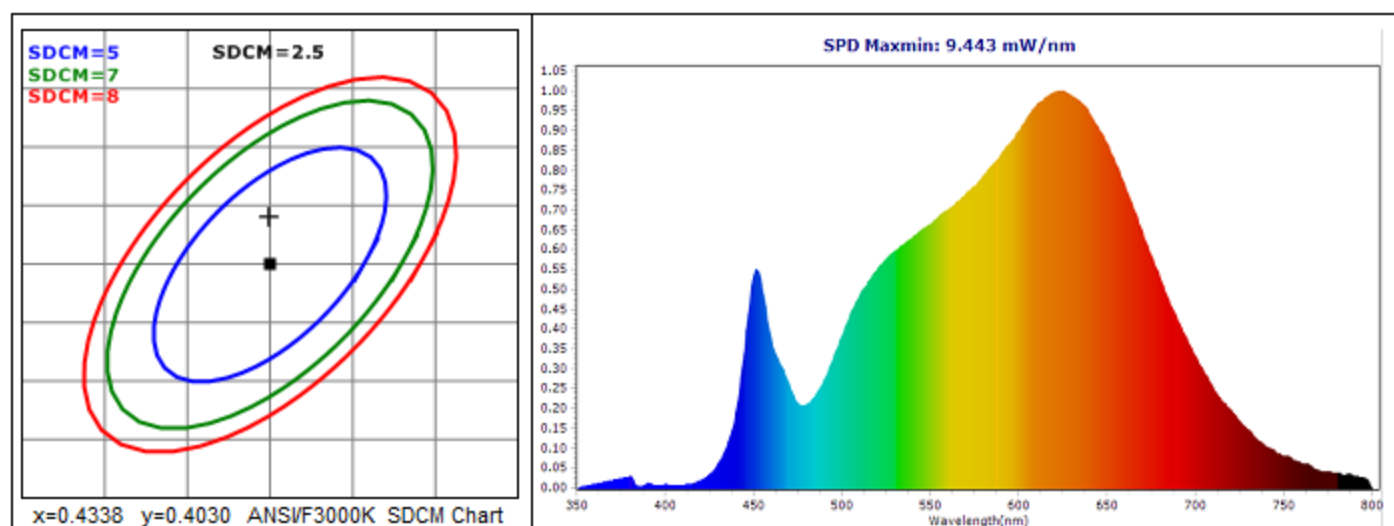
Product type :
Product No. : L-R703-COB1-30K-36-WH
Manufacturer :

Test time : 2025/12/9 13:38:15
Test equipment : SPEC-2000A Spectrometer
Operator :

CIE Color Parameter

Chromaticity coordinates: $x=0.4338$ $y=0.4078$ $u=0.2470$ $v=0.3482$ $u^A=0.2470$ $v^A=0.5223$
Color temperature: 3088 K (duv=+0.00193) Color difference: SDCM(ANSI/F3000)=2.5 Main Wl: $\lambda_d=490.4$ nm Purity: 0.033
Peak wavelength: $\lambda_p=622.6$ FWHM: $\Delta\lambda_p=170.8$ nm Color ratio: R=0.252 G=0.723 B=0.025

Color rendering index: Ra=93.45 Color Fidelity: Rf=93.14 Color Gamut: Rg=99.4 GAI=94.94
R1=92.5 R2=94.2 R3=95.0 R4=97.9 R5=95.6 R6=95.1 R7=92.9 R8=83.9
R9=64.4 R10=86.5 R11=98.3 R12=78.9 R13=92.6 R14=96.7 R15=88.6



Optical Parameter

Luminous flux: 479.74 lm luminous efficiency: 91.55 lm/w Radiant flux: 1.664 W
Energy efficiency index (EEI): 91.553 Energy efficiency class: F (EU 2019/2015) (EU 874)
MES1=379.723 MES2=380.077

Electrical Parameter

Voltage(V): 221.53 Current(A): 0.0399 Watte(W): 5.240 Power factor: 0.5926

Test Infomation

Temperature : Deg C Humidity :
Test range : 350-800nm : 1nm Peak AD. : 40340 (61.6%)
Preheat time : 0(min) Integral time. : 218.1 (ms)