

Spectral test report for lamp

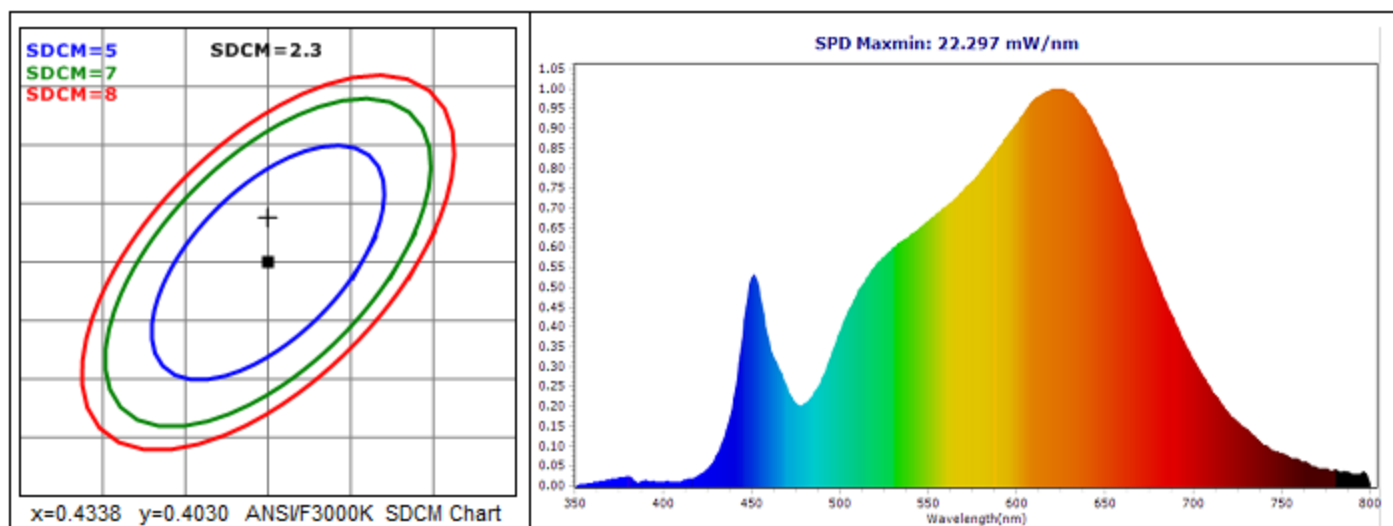
Product type :
Product No. : L-R703-COB3-30K-36-WH
Manufacturer :

Test time : 2025/12/9 13:43:09
Test equipment : SPEC-2000A Spectrometer
Operator :

CIE Color Parameter

Chromaticity coordinates: $x=0.4339$ $y=0.4075$ $u=0.2471$ $v=0.3482$ $u^A=0.2471$ $v^A=0.5223$
Color temperature: 3084 K (duv=+0.0018) Color difference: SDCM(ANSI/F3000)=2.3 Main Wavelength: 490.2 nm Purity: 0.033
Peak wavelength: $\lambda_p=621.7$ FWHM: $\Delta\lambda_p=169.0$ nm Color ratio: R=0.252 G=0.724 B=0.024

Color rendering index: Ra=92.89 Color Fidelity: Rf=92.77 Color Gamut: Rg=99.36 GAI=95.11
R1=91.7 R2=93.7 R3=95.0 R4=97.4 R5=95.3 R6=95.1 R7=92.2 R8=82.3
R9=60.8 R10=85.6 R11=97.9 R12=80.0 R13=91.9 R14=96.7 R15=87.6



Optical Parameter

Luminous flux: 1139.26 lm luminous efficiency: 88.25 lm/w Radiant flux: 3.925 W
Energy efficiency index (EEI): 88.246 Energy efficiency class: F (EU 2019/2015) (EU 874)
MES1=902.857 MES2=902.578

Electrical Parameter

Voltage(V): 221.52 Current(A): 0.0945 Watte(W): 12.910 Power factor: 0.6170

Test Infomation

Temperature : Deg C Humidity :
Test range : 350-800nm : 1nm Peak AD. : 46436 (70.9%)
Preheat time : 0(min) Integral time. : 108.07 (ms)