

Spectral test report for lamp

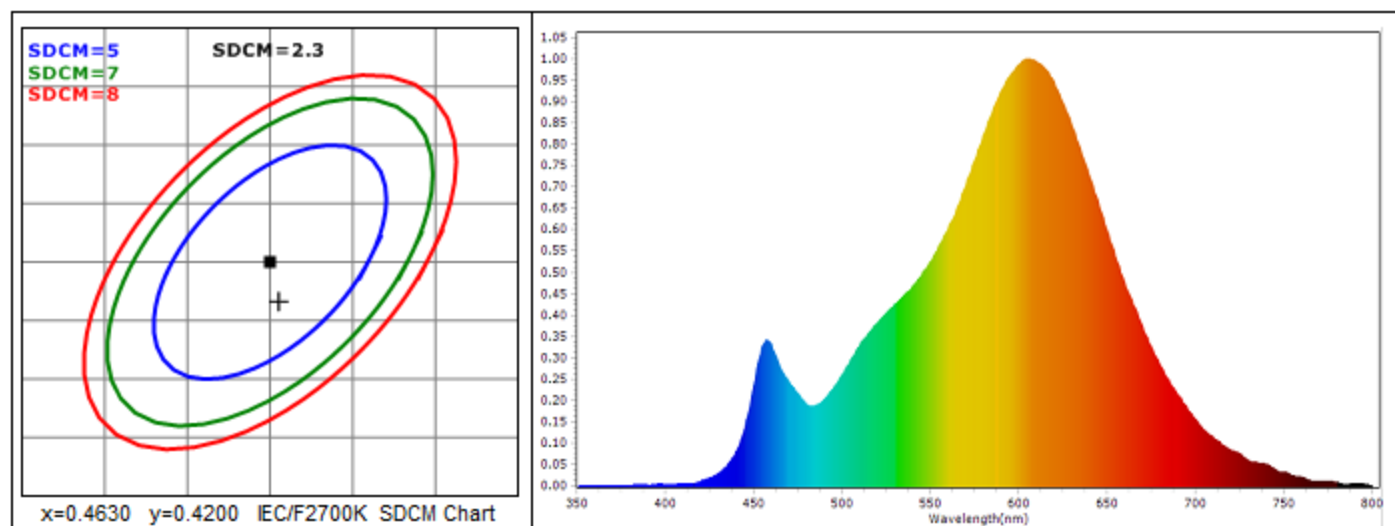
Product type : LLG9A4WCOB2700K-4
 Product No. :
 Manufacturer :

Test time : 2023-06-10 19:10:08
 Test equipment : SPEC-2000A Spectrometer
 Operator :

CIE Color Parameter

Chromaticity coordinates: $x=0.4638$ $y=0.4161$ $u=0.2625$ $v=0.3534$ $u^A=0.2625$ $v^A=0.5301$
 Color temperature: 2693 K (duv=+0.00171) Color difference: SDCM(IEC/F2700)=2.3 Main Wl: $\lambda_d=586.02$ nm Purity: 0.16
 Peak wavelength: $\lambda_p=604.5$ FWHM: $\Delta\lambda_p=112.1$ nm Color ratio: R=0.266 G=0.712 B=0.022

Color rendering index : Ra=81.2 Color Fidelity: Rf=83.21 Color Gamut: Rg=92.54 GAI=85.27
 R1=75.7 R2=88.3 R3=98.7 R4=82.7 R5=84.7 R6=94.1 R7=75.7 R8=49.2
 R9=-2.0 R10=77.2 R11=81.3 R12=74.7 R13=78.2 R14=100.0 R15=66.4



Optical Parameter

Luminous flux: 516.35 lm
 Energy efficiency index(EEI): 0.084

luminous efficiency: 135.88 lm/w
 Energy efficiency class: A++(most efficient) (EU 87)

Radiant flux: 1.577 W

Electrical Parameter

Voltage(V): 229.70 Current(A): 0.0190 Wattle(W): 3.800 Power factor: 0.8640

Test Infomation

Temperature : Deg C
 Test range : 350-800nm : 1nm
 Preheat time : 0(分钟)

Humidity :
 Peak AD. : 48581 (74.1%)
 Integral time. : 232.08 (ms)