

Spectral test report for lamp

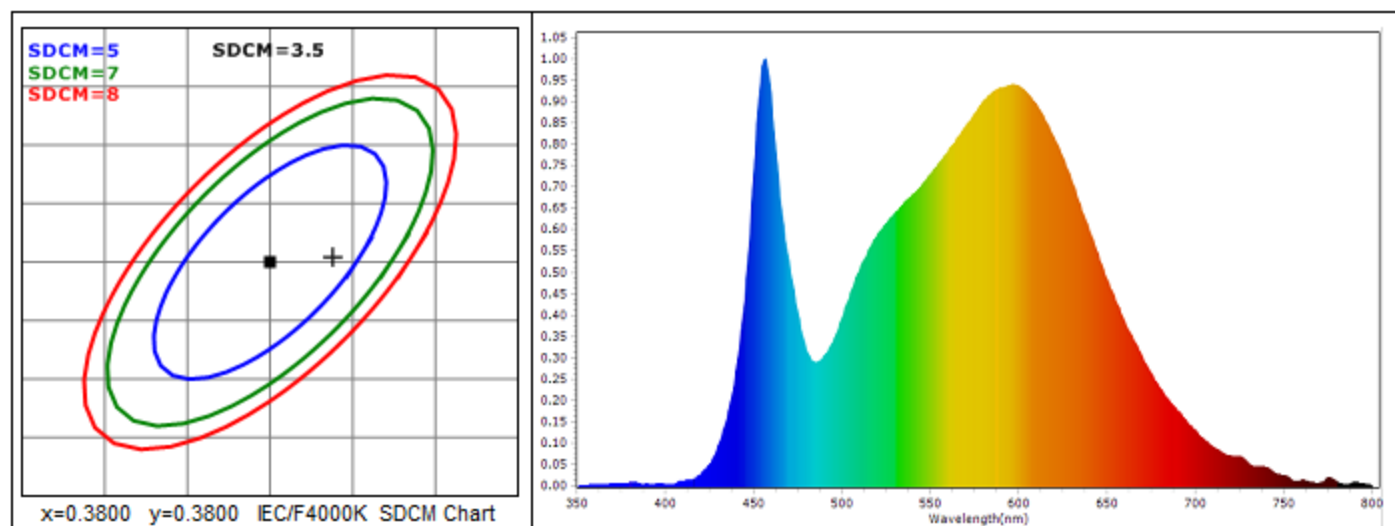
Product type : LLG94WNFKSW-3
Product No. :
Manufacturer :

Test time : 2024-05-22 15:17:56
Test equipment : SPEC-2000A Spectrometer
Operator :

CIE Color Parameter

Chromaticity coordinates: $x=0.3859$ $y=0.3805$ $u=0.2272$ $v=0.3360$ $u^A=0.2272$ $v^A=0.5040$
Color temperature: 3888K (duv=+0.00021) Color difference: SDCM(IEC/F4000)=3.5 Main Wl: $\lambda_d=485.02$ nm Purity: 0.156
Peak wavelength: $\lambda_p=455.6$ FWHM: $\Delta\lambda_p=24.7$ nm Color ratio: R=0.201 G=0.765 B=0.034

Color rendering index: Ra=82.45 Color Fidelity: Rf=83.18 Color Gamut: Rg=93.99 GAI=91.43
R1=78.5 R2=88.5 R3=96.6 R4=83.5 R5=84.1 R6=87.5 R7=81.3 R8=59.2
R9=5.2 R10=73.8 R11=81.4 R12=61.0 R13=80.9 R14=98.3 R15=71.9



Optical Parameter

Luminous flux: 547.36 lm
Energy efficiency index (EEI): 0.076

luminous efficiency: 151.2 lm/w
Energy efficiency class: A++ (most efficient) (EU 87)

Radiant flux: 1.669 W

Electrical Parameter

Voltage(V): 229.50 Current(A): 0.0280 Watto(W): 3.620 Power factor: 0.5470

Test Infomation

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

Humidity :
Peak AD. : 45743 (69.8%)
Integral time. : 261.01 (ms)