

Spectral test report for lamp

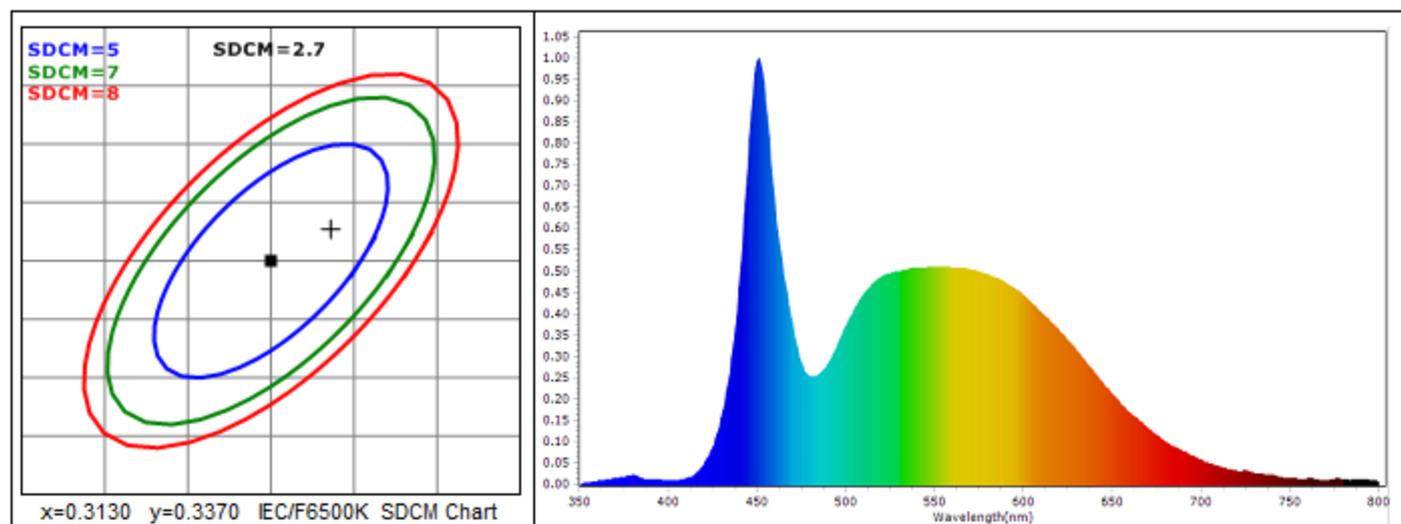
Product type : LLUFO18WKORCW-3
Product No. :
Manufacturer :

Test time : 2024-05-22 16:35:02
Test equipment : SPEC-2000A Spectrometer
Operator :

CIE Color Parameter

Chromaticity coordinates: $x=0.3167$ $y=0.3396$ $u=0.1967$ $v=0.3163$ $u^A=0.1967$ $v^A=0.4745$
Color temperature: 6236 K (duv=+0.00658) Color difference: SDCM(IEC/F6500)=2.7 Main Wt: $\lambda_d=483.02$ nm Purity: 0.336
Peak wavelength: $\lambda_p=450.2$ FWHM: $\Delta\lambda_p=24.1$ nm Color ratio: R=0.145 G=0.806 B=0.049

Color rendering index : Ra=82.49 Color Fidelity: Rf=84.27 Color Gamut: Rg=94.44 GAI=90.5
R1=78.6 R2=85.5 R3=91.4 R4=86.1 R5=83.7 R6=81.8 R7=85.3 R8=67.1
R9=4.6 R10=66.6 R11=84.9 R12=60.3 R13=80.5 R14=96.0 R15=73.1



Optical Parameter

Luminous flux: 1799.55 lm
Energy efficiency index(EELI): 0.135

luminous efficiency: 101.1 lm/w
Energy efficiency class: A+ (EU 874/2012)

Radiant flux: 5.80 W

Electrical Parameter

Voltage(V): 228.90 Current(A): 0.1410 Wattle(W): 17.800 Power factor: 0.5510

Test Infomation

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

Humidity :
Peak AD. : 49203 (75.1%)
Integral time. : 81.06 (ms)