

Spectral test report for lamp

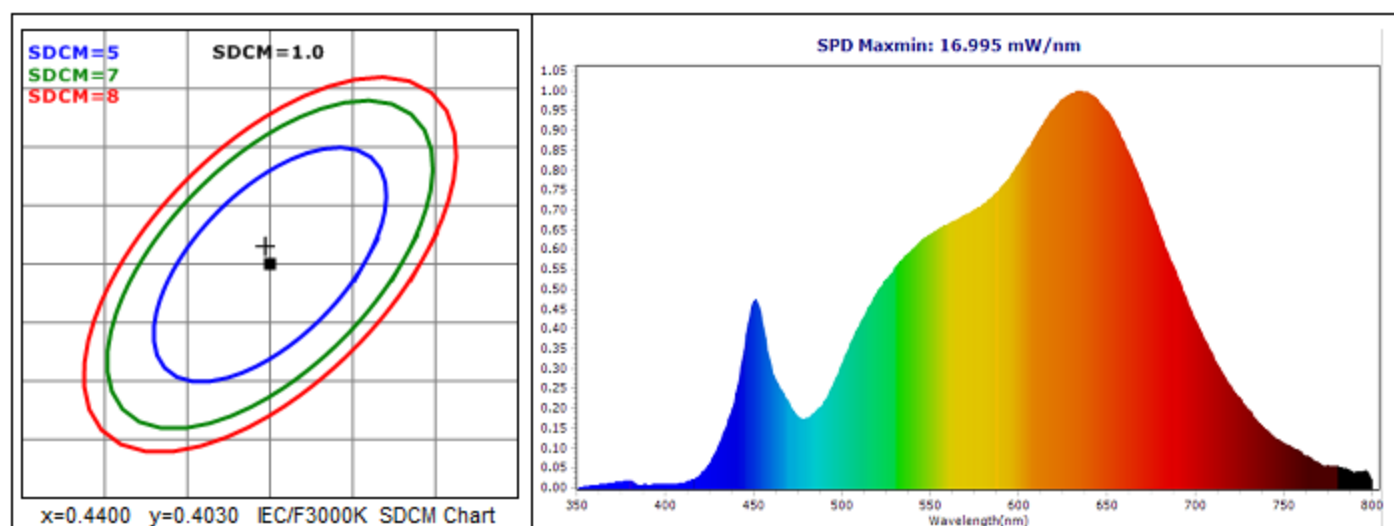
Product type :
Product No. : L-D336-4-30K-24-WH
Manufacturer :

Test time : 2025/5/21 11:41:12
Test equipment : SPEC-2000S Spectrometer
Operator :

CIE Color Parameter

Chromaticity coordinates: $x=0.4397$ $y=0.4048$ $u=0.2521$ $v=0.3481$ $u^*=0.2521$ $v^*=0.5222$
Color temperature: 2963 K ($duv=-0.0001$) Color difference: SDCM(IEC/F3000)=1.0 Main Wl: $\lambda_d=486.3$ nm Purity: 0.019
Peak wavelength: $\lambda_p=633.3$ FWHM: $\Delta\lambda_p=171.9$ nm Color ratio: R=0.263 G=0.715 B=0.022

Color rendering index: Ra=94.8 Color Fidelity: Rf=92.85 Color Gamut: Rg=102.78 GAI=103.69
R1=95.6 R2=94.6 R3=91.0 R4=96.9 R5=97.8 R6=94.8 R7=95.2 R8=92.1
R9=82.4 R10=85.8 R11=96.6 R12=82.0 R13=94.7 R14=94.2 R15=94.4



Optical Parameter

Luminous flux: 805.47 lm luminous efficiency: 79.43 lm/w Radiant flux: 3.017 W
Energy efficiency index(EEI): 79.435 Energy efficiency class: G (EU 2019/2015) (EU 874)
MES1=623.889 MES2=625.219

Electrical Parameter

Voltage(V): 221.69 Current(A): 0.0748 Watte(W): 10.140 Power factor: 0.6111

Test Infomation

Temperature : Deg C Humidity :
Test range : 350-800nm : 1nm Peak AD. : 45674 (69.7%)
Preheat time : 0(min) Integral time. : 135.04 (ms)