

Spectral test report for lamp

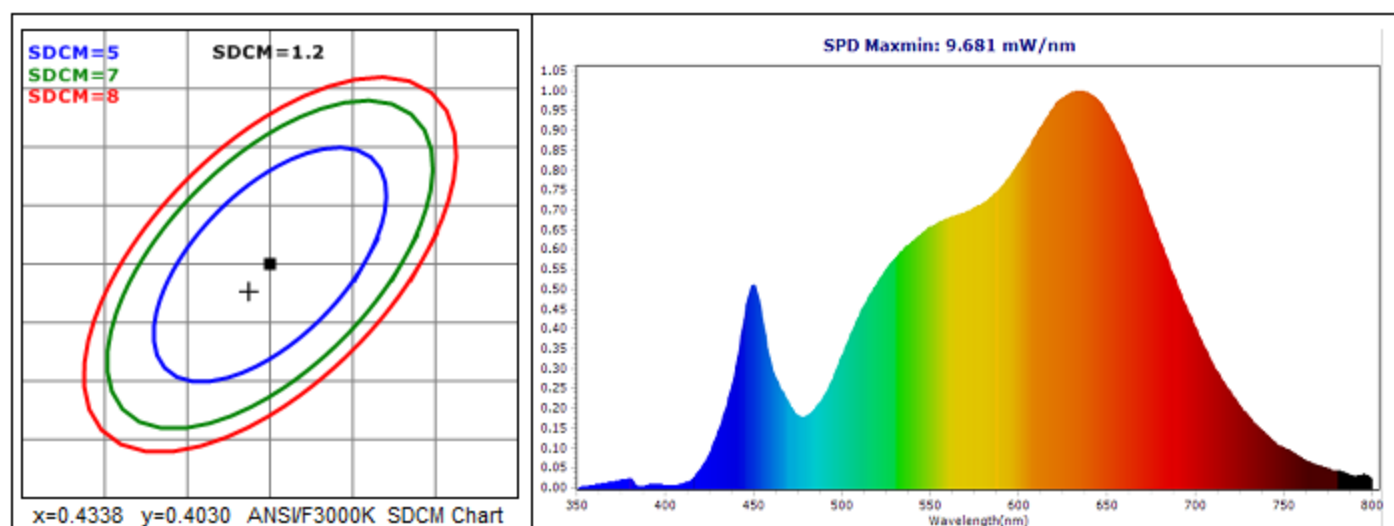
Product type :
Product No. : L-D332-2-30K-24-WH
Manufacturer :

Test time : 2023/8/7 18:22:51
Test equipment : SPEC-2000S Spectrometer
Operator :

CIE Color Parameter

Chromaticity coordinates: $x=0.4321$ $y=0.4002$ $u=0.2491$ $v=0.3461$ $u^*=0.2491$ $v^*=0.5192$
Color temperature: 3055 K ($duv=-0.00087$) Color difference: SDCM(ANSI/F3000)=1.2 Main W: $\lambda_d=484.0$ nm Purity: 0.039
Peak wavelength: $\lambda_p=633.0$ FWHM: $\Delta\lambda_p=173.3$ nm Color ratio: R=0.258 G=0.719 B=0.023

Color rendering index: Ra=94.87 Color Fidelity: Rf=92.2 Color Gamut: Rg=103.62 GAI=106.54
R1=96.5 R2=94.8 R3=90.4 R4=95.6 R5=98.4 R6=94.9 R7=94.9 R8=93.3
R9=85.2 R10=86.1 R11=95.3 R12=83.6 R13=95.5 R14=93.8 R15=95.6



Optical Parameter

Luminous flux: 467.4 lm luminous efficiency: 80.03 lm/w Radiant flux: 1.734 W
Energy efficiency index (EEI): 80.034 Energy efficiency class: G (EU 2019/2015) (EU 874)
MES1=366.944 MES2=367.283

Electrical Parameter

Voltage(V): 221.58 Current(A): 0.0502 Watte(W): 5.840 Power factor: 0.5247

Test Infomation

Temperature : Deg C Humidity :
Test range : 350-800nm : 1nm Peak AD. : 43122 (65.8%)
Preheat time : 0(min) Integral time. : 198.01 (ms)