

Spectral test report for lamp

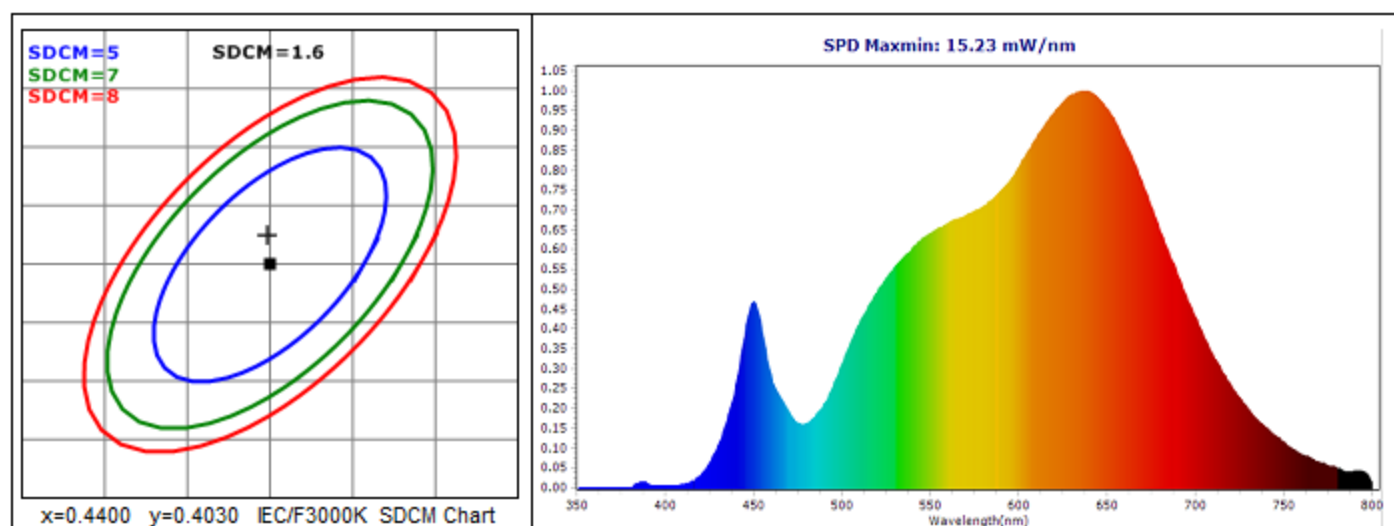
Product type :
Product No. : L-D332-4-30K-24-BK
Manufacturer :

Test time : 2024/11/20 9:32:57
Test equipment : SPEC-2000S Spectrometer
Operator :

CIE Color Parameter

Chromaticity coordinates: $x=0.4399$ $y=0.4059$ $u=0.2517$ $v=0.3484$ $u^A=0.2517$ $v^A=0.5226$
Color temperature: 2970 K (duv=+0.00034) Color difference: SDCM(IEC/F3000)=1.6 Main Wavelength=488.0 nm Purity: 0.019
Peak wavelength: $\lambda_p=636.8$ FWHM: $\Delta\lambda_p=172.2$ nm Color ratio: R=0.262 G=0.717 B=0.021

Color rendering index: Ra=94.51 Color Fidelity: Rf=92.59 Color Gamut: Rg=102.95 GAI=102.76
R1=95.5 R2=94.0 R3=90.0 R4=96.3 R5=97.6 R6=94.2 R7=95.2 R8=92.8
R9=83.7 R10=84.7 R11=96.1 R12=81.3 R13=94.5 R14=93.6 R15=94.5



Optical Parameter

Luminous flux: 720.39 lm luminous efficiency: 75.04 lm/w Radiant flux: 2.702 W
Energy efficiency index (EEI): 75.041 Energy efficiency class: G (EU 2019/2015) (EU 874)
MES1=557.026 MES2=558.211

Electrical Parameter

Voltage(V): 222.02 Current(A): 0.0478 Watts(W): 9.600 Power factor: 0.9036

Test Information

Temperature : Deg C Humidity :
Test range : 350-800nm : 1nm Peak AD. : 44270 (67.6%)
Preheat time : 0(min) Integral time. : 132.01 (ms)