

Spectral test report for lamp

Product type : STB07

Product No. :

Manufacturer :

Test time : 2025/2/22 13:48:24

Test equipment : SPEC-2000A Spectrometer

Operator :

CIE Color Parameter

Chromaticity coordinates: $x=0.4431$ $y=0.4049$ $u=0.2542$ $v=0.3484$ $u^A=0.2542$ $v^A=0.5226$

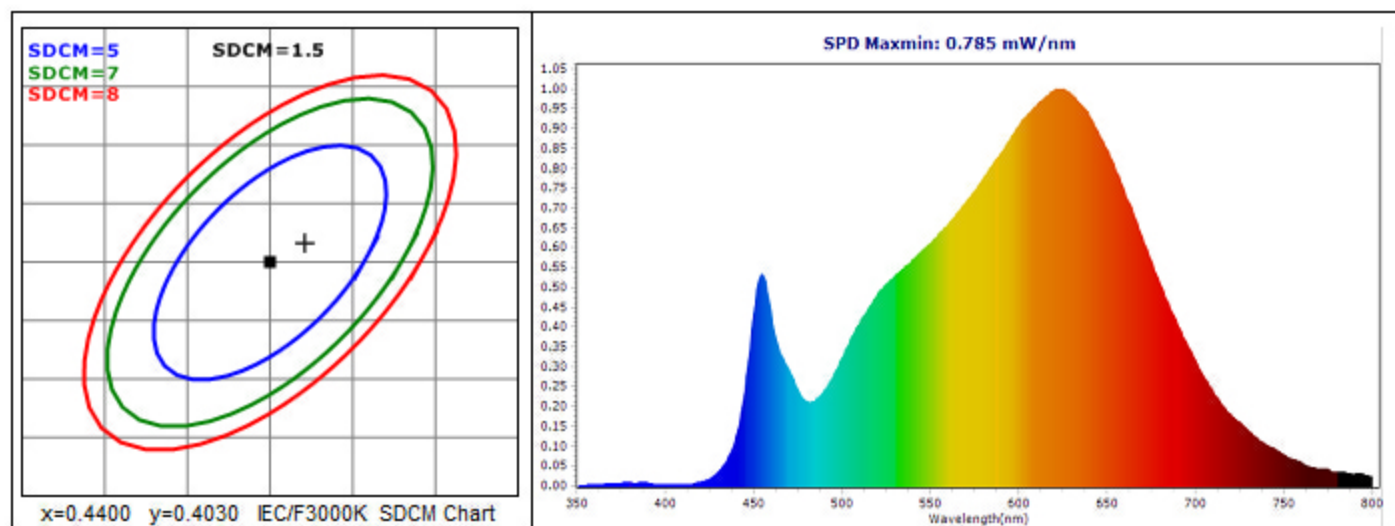
Color temperature: 2910 K (duv=-0.00047) Color difference: SDCM(IEC/F3000)=1.5 Main Wl: $\lambda_d=483.1$ nm Purity: 0.012

Peak wavelength: $\lambda_p=622.7$ FWHM: $\Delta\lambda_p=157.5$ nm Color ratio: R=0.264 G=0.712 B=0.024

Color rendering index: Ra=92.24 Color Fidelity: Rf=91.08 Color Gamut: Rg=99.59 GAI=100.53

R1=91.1 R2=95.0 R3=97.6 R4=95.2 R5=94.8 R6=95.2 R7=89.5 R8=79.1

R9=57.7 R10=88.2 R11=95.6 R12=78.7 R13=91.8 R14=98.0 R15=86.9



Optical Parameter

Luminous flux: 37.94 lm

luminous efficiency: 18.31 lm/w

Radiant flux: 0.132 W

Energy efficiency index (EEI): 24.166

Energy efficiency class: G (EU 2019/2015) (EU 874)

MES1=29.516

Electrical Parameter

Voltage(V): 12.80

Current(A): 0.1730

Watte(W): 1.98

Power factor: 0.81

Test Infomation

Temperature : Deg C

Humidity :

Test range : 350-800nm : 1nm

Peak AD. : 48990 (74.8%)

Preheat time : 0(min)

Integral time. : 738.02 (ms)