

Spectral test report for lamp

Product type : STB08

Product No. :

Manufacturer :

Test time : 2025/2/22 13:51:26

Test equipment : SPEC-2000A Spectrometer

Operator :

CIE Color Parameter

Chromaticity coordinates: $x=0.4420$ $y=0.4064$ $u=0.2529$ $v=0.3487$ $u^*=0.2529$ $v^*=0.5231$

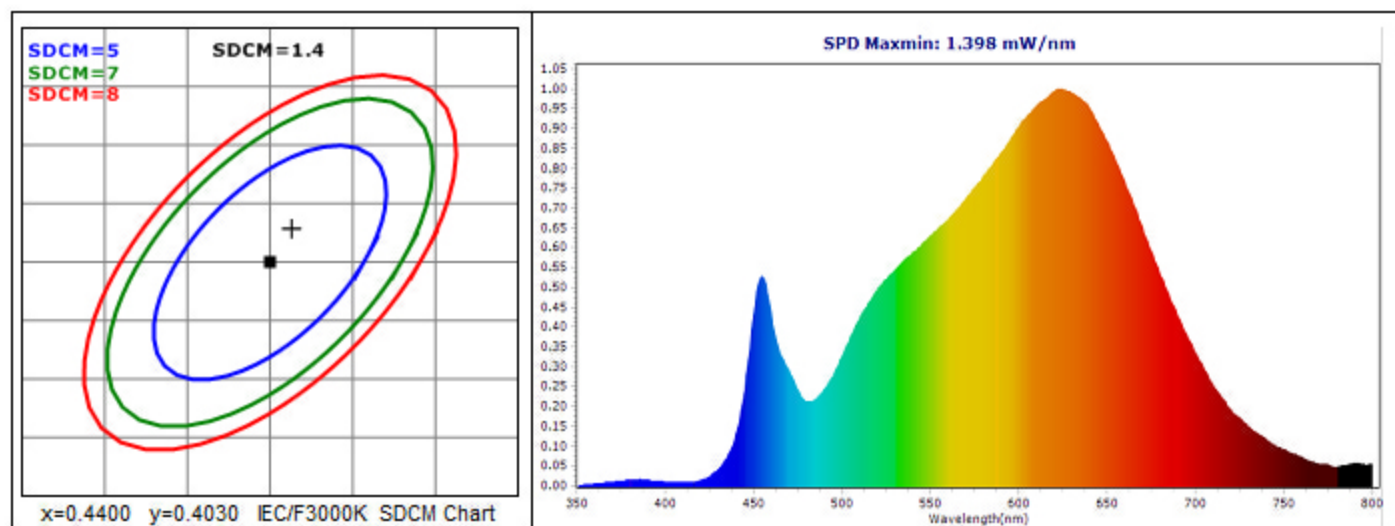
Color temperature: 2939 K (duv=+0.00025) Color difference: SDCM(IEC/F3000)=1.4 Main Wavelength: 488.0 nm Purity: 0.013

Peak wavelength: $\lambda_p=622.6$ FWHM: $\Delta\lambda_p=162.1$ nm Color ratio: R=0.261 G=0.714 B=0.025

Color rendering index: Ra=92.57 Color Fidelity: Rf=91.67 Color Gamut: Rg=99.53 GAI=98.6

R1=91.4 R2=94.7 R3=96.5 R4=95.8 R5=94.8 R6=95.2 R7=90.7 R8=81.0

R9=60.7 R10=87.3 R11=96.0 R12=78.1 R13=91.9 R14=97.4 R15=87.5



Optical Parameter

Luminous flux: 72.95 lm

luminous efficiency: 19.51 lm/w

Radiant flux: 0.242 W

Energy efficiency index (EEI): 19.507

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

MES1=53.365

Electrical Parameter

Voltage(V): 13.20

Current(A): 0.3660

Watte(W): 4.21

Power factor: 0.872

Test Infomation

Temperature : Deg C

Humidity :

Test range : 350-800nm : 1nm

Peak AD. : 34444 (52.6%)

Preheat time : 0(min)

Integral time. : 286.03 (ms)