

Spectral test report for lamp

Product type : STB05/STB05R

Product No. :

Manufacturer :

Test time : 2025/2/22 13:45:53

Test equipment : SPEC-2000A Spectrometer

Operator :

CIE Color Parameter

Chromaticity coordinates: $x=0.4445$ $y=0.4091$ $u=0.2533$ $v=0.3496$ $u^A=0.2533$ $v^A=0.5244$

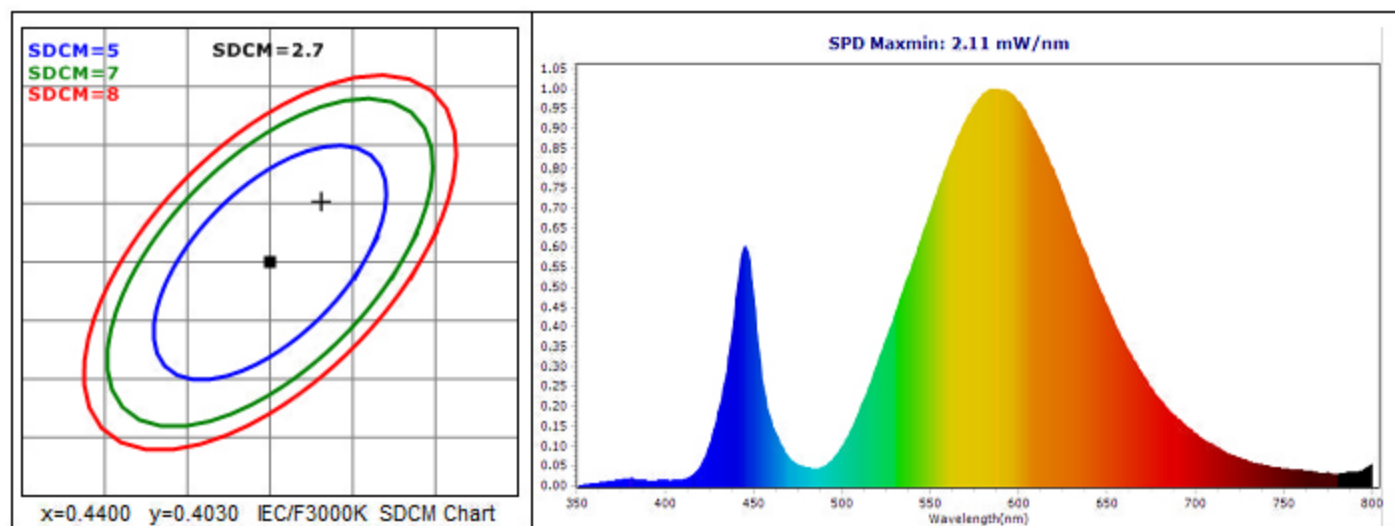
Color temperature: 2921 K (duv=+0.00099) Color difference: SDCM(IEC/F3000)=2.7 Main Wavelength: 497.2 nm Purity: 0.008

Peak wavelength: $\lambda_p=585.0$ FWHM: $\Delta\lambda_p=110.7$ nm Color ratio: R=0.218 G=0.772 B=0.010

Color rendering index: Ra=61.63 Color Fidelity: Rf=65.14 Color Gamut: Rg=92.08 GAI=85.44

R1=50.2 R2=66.7 R3=81.9 R4=64.5 R5=63.2 R6=68.4 R7=69.7 R8=28.0

R9=-59.4 R10=29.1 R11=52.3 R12=30.8 R13=50.2 R14=89.1 R15=44.2



Optical Parameter

Luminous flux: 101.2 lm

luminous efficiency: 98.1 lm/w

Radiant flux: 0.287 W

Energy efficiency index(EEI): 88.000

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

MES1=71.786

Electrical Parameter

Voltage(V): 12.00

Current(A): 0.1170

Watte(W): 1.45

Power factor: 0.8120

Test Infomation

Temperature : Deg C

Humidity :

Test range : 350-800nm : 1nm

Peak AD. : 41482 (63.3%)

Preheat time : 0(min)

Integral time. : 185.08 (ms)