

Spectral test report for lamp

Product type :
Product No. :
Manufacturer :

Test time : 2025/6/18 9:25:10
Test equipment : SPEC-2000A Spectrometer
Operator :

CIE Color Parameter

Chromaticity coordinates: $x=0.3173$ $y=0.3336$ $u=0.1993$ $v=0.3143$ $u^A=0.1993$ $v^A=0.4715$

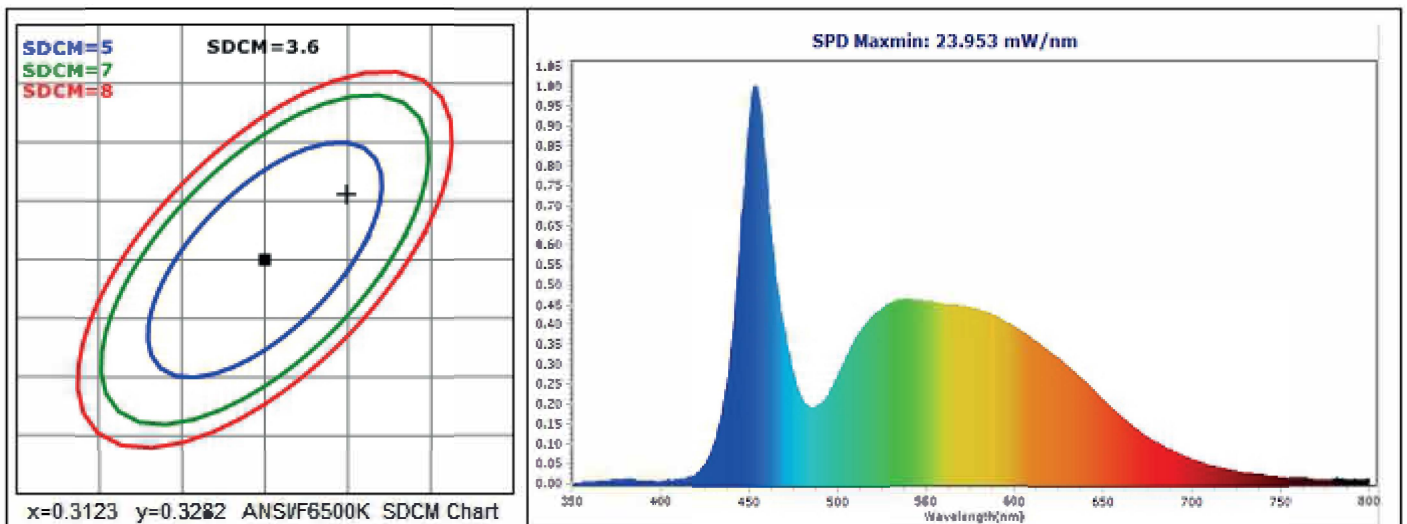
Color temperature: 6238 K ($duv=+0.00324$) Color difference: SDCM(ANSI/F6500)=3.6 Main Wl: $\lambda_d=483.1$ nm Purity: 0.341

Peak wavelength: $\lambda_p=452.6$ FWHM: $\Delta\lambda_p=22.5$ nm Color ratio: R=0.150 G=0.802 B=0.048

Color rendering index: Ra=83.44 Color Fidelity: Rf=83.66 Color Gamut: Rg=95.89 GAI=93.48

R1=81.5 R2=86.7 R3=88.8 R4=87.1 R5=84.3 R6=80.5 R7=86.4 R8=71.8

R9=19.9 R10=66.8 R11=85.2 R12=54.5 R13=83.0 R14=94.2 R15=77.9



Optical Parameter

Luminous flux: 710.03 lm

luminous efficiency: 69.41 lm/w

Radiant flux: 2.331 W

Energy efficiency index(EEI): 69.407

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

MES1=681.461 MES2=678.703

Electrical Parameter

Voltage(V): 240.57

Current(A): 0.0455

Watte(W): 10.230

Power factor: 0.9351

Test Infomation

Temperature : Deg C

Humidity :

Test range : 350-800nm : 1nm

Peak AD. : 54561 (83.3%)

Preheat time : 0(min)

Integral time. : 139.09 (ms)

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Hangzhou Huipu Instrument Co., Ltd. <http://www.measurefine.com>